TOSHIBA
Carrier

TCTC-E23-VRF009-C

Model name:

MMY-MUP___1FT6P-UL (460V,60Hz)

MMY-MUP___1FT9P-UL (208-230V,60Hz)

MMY-MUP___H1FT6PUL(460V, 60Hz)

MMY-MUP___H1FT9PUL(208-230V, 60Hz)

SHRMu
SUPER HEAT RECOVERY MULTI

Engineering Data Book

Outdoor units Capacity table

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COOLING

COOLING (°F)

MMY-MUP0721FT6P-UL/MMY-MUP0721FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	33.9	3.99	36.7	4.49	38.6	4.82	40.5	5.18	41.6	5.42	43.6	5.78
	122	37.8	4.14	40.8	4.67	43.0	5.02	45.1	5.39	46.4	5.65	48.5	6.03
	118	43.5	4.39	47.0	4.96	49.4	5.34	51.9	5.74	53.4	6.01	55.8	6.43
	115	48.4	4.61	52.3	5.21	55.0	5.53	57.8	6.05	59.4	6.34	62.1	6.79
	110	55.5	4.84	60.0	5.48	63.1	5.92	66.3	6.38	68.1	6.69	71.3	7.17
	106	57.8	4.69	62.4	5.31	65.7	5.74	69.0	6.18	70.9	6.48	74.2	6.95
	103	59.4	4.57	64.2	5.18	67.6	5.60	71.0	6.03	73.0	6.33	76.3	6.78
	99	61.4	4.42	66.4	5.01	69.9	5.41	73.4	5.83	75.4	6.12	78.9	6.56
	95	63.3	4.27	68.4	4.84	72.0	5.23	75.6	5.63	77.7	5.91	81.3	6.34
	93	63.3	4.13	68.4	4.68	72.0	5.06	75.6	5.45	77.7	5.71	81.3	6.12
	91	63.3	4.00	68.4	4.53	72.0	4.89	75.6	5.27	77.7	5.52	81.3	5.92
	87	63.3	3.75	68.4	4.25	72.0	4.58	75.6	4.93	77.7	5.17	81.3	5.54
	82	63.3	3.46	68.4	3.92	72.0	4.22	75.6	4.55	77.7	4.76	81.3	5.10
	75	63.3	3.10	68.4	3.50	72.0	3.77	75.6	4.06	77.7	4.25	81.3	4.55
	72	63.3	2.95	68.4	3.33	72.0	3.59	75.6	3.86	77.7	4.05	81.3	4.33
	70	63.3	2.85	68.4	3.22	72.0	3.48	75.6	3.74	77.7	3.92	81.3	4.19
	68	63.3	2.76	68.4	3.12	72.0	3.36	75.6	3.62	77.7	3.79	81.3	4.06
	65	63.3	2.70	68.4	3.05	72.0	3.28	75.6	3.53	77.7	3.70	81.3	3.96
	62	63.3	2.65	68.4	2.99	72.0	3.22	75.6	3.46	77.7	3.62	81.3	3.88
	58	63.3	2.58	68.4	2.91	72.0	3.14	75.6	3.37	77.7	3.53	81.3	3.78
	54	63.3	2.53	68.4	2.85	72.0	3.08	75.6	3.31	77.7	3.46	81.3	3.70
	50	63.3	2.47	68.4	2.79	72.0	3.01	75.6	3.23	77.7	3.39	81.3	3.62
	40	63.3	2.41	68.4	2.72	72.0	2.93	75.6	3.15	77.7	3.30	81.3	3.53
	30	63.3	2.36	68.4	2.66	72.0	2.87	75.6	3.08	77.7	3.23	81.3	3.45
	23	63.3	2.32	68.4	2.62	72.0	2.82	75.6	3.03	77.7	3.18	81.3	3.40
	15	63.3	2.28	68.4	2.57	72.0	2.77	75.6	2.98	77.7	3.12	81.3	3.33
	5	63.3	2.24	68.4	2.53	72.0	2.72	75.6	2.93	77.7	3.06	81.3	3.28
110	125	34.6	4.03	37.4	4.53	39.4	4.87	41.3	5.23	42.5	5.47	44.4	5.84
	122	38.5	4.19	41.7	4.71	43.8	5.07	46.0	5.45	47.3	5.70	49.5	6.09
	118	44.3	4.43	47.9	5.01	50.4	5.39	52.9	5.80	54.4	6.07	56.9	6.50
	115	49.3	4.66	53.3	5.27	56.1	5.58	58.9	6.12	60.6	6.41	63.4	6.86
	110	56.6	4.89	61.2	5.54	64.4	5.98	67.6	6.44	69.5	6.76	72.7	7.24
	106	58.9	4.74	63.7	5.37	67.0	5.80	70.4	6.25	72.3	6.55	75.7	7.02
	103	60.6	4.62	65.5	5.24	69.0	5.65	72.4	6.09	74.4	6.39	77.9	6.85
	99	62.7	4.47	67.7	5.06	71.3	5.47	74.8	5.89	76.9	6.18	80.5	6.63
	95	64.6	4.32	69.8	4.89	73.4	5.28	77.1	5.69	79.3	5.97	82.9	6.40
	93	64.6	4.18	69.8	4.73	73.4	5.11	77.1	5.50	79.3	5.77	82.9	6.19
	91	64.6	4.04	69.8	4.58	73.4	4.94	77.1	5.32	79.3	5.58	82.9	5.98
	87	64.6	3.79	69.8	4.29	73.4	4.63	77.1	4.98	79.3	5.23	82.9	5.60
	82	64.6	3.50	69.8	3.96	73.4	4.27	77.1	4.59	79.3	4.81	82.9	5.15
	75	64.6	3.13	69.8	3.54	73.4	3.81	77.1	4.10	79.3	4.30	82.9	4.60
	72	64.6	2.98	69.8	3.36	73.4	3.63	77.1	3.90	79.3	4.09	82.9	4.37
	70	64.6	2.88	69.8	3.26	73.4	3.51	77.1	3.78	79.3	3.96	82.9	4.23
	68	64.6	2.79	69.8	3.15	73.4	3.40	77.1	3.65	79.3	3.83	82.9	4.10
	65	64.6	2.73	69.8	3.08	73.4	3.32	77.1	3.57	79.3	3.74	82.9	4.00
	62	64.6	2.67	69.8	3.02	73.4	3.25	77.1	3.50	79.3	3.66	82.9	3.92
	58	64.6	2.61	69.8	2.94	73.4	3.17	77.1	3.41	79.3	3.57	82.9	3.82
	54	64.6	2.56	69.8	2.88	73.4	3.11	77.1	3.34	79.3	3.50	82.9	3.74
	50	64.6	2.50	69.8	2.82	73.4	3.04	77.1	3.27	79.3	3.42	82.9	3.66
	40	64.6	2.44	69.8	2.75	73.4	2.96	77.1	3.18	79.3	3.33	82.9	3.57
	30	64.6	2.39	69.8	2.69	73.4	2.90	77.1	3.11	79.3	3.26	82.9	3.49
	23	64.6	2.35	69.8	2.65	73.4	2.85	77.1	3.06	79.3	3.21	82.9	3.43
	15	64.6	2.31	69.8	2.60	73.4	2.80	77.1	3.01	79.3	3.15	82.9	3.37
	5	64.6	2.26	69.8	2.55	73.4	2.75	77.1	2.96	79.3	3.09	82.9	3.31
120	125	35.6	4.11	38.5	4.62	40.5	4.97	42.5	5.33	43.7	5.58	45.8	5.96
	122	39.7	4.27	42.9	4.81	45.1	5.17	47.4	5.56	48.7	5.82	51.0	6.21
	118	45.6	4.52	49.3	5.10	51.9	5.50	54.5	5.91	56.0	6.19	58.6	6.63
	115	50.8	4.75	54.9	5.37	57.8	5.69	60.7	6.24	62.3	6.54	65.2	7.00
	110	58.3	4.98	63.0	5.65	66.3	6.10	69.6	6.57	71.5	6.89	74.8	7.39
	106	60.7	4.83	65.6	5.47	69.0	5.91	72.5	6.37	74.5	6.68	77.9	7.16
	103	62.4	4.71	67.4	5.34	71.0	5.77	74.5	6.21	76.6	6.52	80.2	6.98
	99	64.5	4.56	69.7	5.16	73.4	5.58	77.0	6.01	79.2	6.30	82.9	6.76
	95	66.5	4.40	71.8	4.99	75.6	5.39	79.4	5.80	81.6	6.09	85.4	6.53
	93	66.5	4.26	71.8	4.82	75.6	5.21	79.4	5.61	81.6	5.88	85.4	6.31
	91	66.5	4.12	71.8	4.67	75.6	5.04	79.4	5.43	81.6	5.69	85.4	6.10
	87	66.5	3.87	71.8	4.37	75.6	4.72	79.4	5.08	81.6	5.33	85.4	5.71
	82	66.5	3.57	71.8	4.03	75.6	4.35	79.4	4.68	81.6	4.91	85.4	5.26
	75	66.5	3.19	71.8	3.60	75.6	3.89	79.4	4.18	81.6	4.38	85.4	4.69
	72	66.5	3.04	71.8	3.43	75.6	3.70	79.4	3.98	81.6	4.17	85.4	4.46
	70	66.5	2.94	71.8	3.32	75.6	3.58	79.4	3.85	81.6	4.03	85.4	4.32
	68	66.5	2.85	71.8	3.21	75.6	3.46	79.4	3.73	81.6	3.90	85.4	4.18
	65	66.5	2.78	71.8	3.14	75.6	3.38	79.4	3.64	81.6	3.81	85.4	4.08
	62	66.5	2.73	71.8	3.08	75.6	3.32	79.4	3.56	81.6	3.73	85.4	3.99
	58	66.5	2.66	71.8	3.00	75.6	3.23	79.4	3.48	81.6	3.64	85.4	3.90
	54	66.5	2.61	71.8	2.94	75.6	3.17	79.4	3.40	81.6	3.57	85.4	3.81
	50	66.5	2.55	71.8	2.88	75.6	3.10	79.4	3.33	81.6	3.49	85.4	3.73
	40	66.5	2.49	71.8	2.80	75.6	3.02	79.4	3.25	81.6	3.40	85.4	3.64
	30	66.5	2.43	71.8	2.74	75.6	2.95	79.4	3.17	81.6	3.32	85.4	3.55
	23	66.5	2.39	71.8	2.70	75.6	2.91	79.4	3.12	81.6	3.27	85.4	3.50
	15	66.5	2.35	71.8	2.65	75.6	2.86	79.4	3.07	81.6	3.21	85.4	3.43
	5	66.5	2.31	71.8	2.60	75.6	2.80	79.4	3.01	81.6	3.16	85.4	3.37
130	125	36.5	4.17	39.4	4.69	41.5	5.04	43.6	5.41	44.8	5.66	46.4	5.99
	122	40.6	4.33	43.9	4.88	46.2	5.25	48.5	5.63	49.9	5.90	51.7	6.24
	118	46.7	4.59	50.5	5.18	53.1	5.58	55.8	6.00	57.4	6.28	59.5	6.66
	115	52.0	4.82	56.2	5.45	59.2	5.77	62.1	6.32	63.8	6.63	66.2	7.03
	110	59.6	5.05	64.4	5.73	67.8	6.18	71.2	6.66	73.2	6.99	75.9	7.42
	106	62.1	4.90	67.1	5.55	70.6	5.99	74.2	6.46	76.2	6.77	79.0	7.19
	103	63.9	4.78	69.0	5.41	72.7	5.85	76.3	6.30	78.4	6.61	81.3	7.02
	99	66.0	4.62	71.4	5.24	75.1	5.66	78.9	6.09	81.1	6.39	84.0	6.79
	95	68.0	4.46	73.5	5.06	77.4	5.46	81.3	5.89	83.5	6.17	86.6	6.56
	93	68.0	4.32	73.5	4.89	77.4	5.28	81.3	5.69	83.5	5.97	86.6	6.34
	91	68.0	4.18	73.5	4.73	77.4	5.11	81.3	5.50	83.5	5.77	86.6	6.13
	87	68.0	3.92	73.5	4.44	77.4	4.79	81.3	5.15	83.5	5.40	86.6	5.74
	82	68.0	3.62	73.5	4.09	77.4	4.41	81.3	4.75	83.5	4.98	86.6	5.28
	75	68.0	3.23	73.5	3.66	77.4	3.94	81.3	4.24	83.5	4.44	86.6	4.71
	72	68.0	3.08	73.5	3.48	77.4	3.75	81.3	4.03	83.5	4.23	86.6	4.48
	70	68.0	2.98	73.5	3.37	77.4	3.63	81.3	3.91	83.5	4.09	86.6	4.34
	68	68.0	2.89	73.5	3.26	77.4	3.51	81.3	3.78	83.5	3.96	86.6	4.20
	65	68.0	2.82	73.5	3.18	77.4	3.43	81.3	3.69	83.5	3.86	86.6	4.10
	62	68.0	2.76	73.5	3.12	77.4	3.36	81.3	3.61	83.5	3.79	86.6	4.01
	58	68.0	2.70	73.5	3.04	77.4	3.28	81.3	3.53	83.5	3.69	86.6	3.91
	54	68.0	2.64	73.5	2.98	77.4	3.21	81.3	3.45	83.5	3.62	86.6	3.83
	50	68.0	2.58	73.5	2.92	77.4	3.14	81.3	3.38	83.5	3.54	86.6	3.75
	40	68.0	2.52	73.5	2.84	77.4	3.06	81.3	3.29	83.5	3.45	86.6	3.65
	30	68.0	2.47	73.5	2.78	77.4	3.00	81.3	3.22	83.5	3.37	86.6	3.57
	23	68.0	2.43	73.5	2.74	77.4	2.95	81.3	3.17	83.5	3.32	86.6	3.51
	15	68.0	2.38	73.5	2.69	77.4	2.90	81.3	3.11	83.5	3.26	86.6	3.45
	5	68.0	2.34	73.5	2.64	77.4	2.84	81.3	3.06	83.5	3.20	86.6	3.39

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	30.5	3.45	33.0	3.88	34.7	4.17	36.5	4.47	37.5	4.68	39.2	5.00
	122	34.0	3.58	36.8	4.03	38.7	4.34	40.6	4.66	41.7	4.88	43.7	5.21
	118	39.1	3.79	42.3	4.28	44.5	4.61	46.7	4.96	48.0	5.20	50.2	5.56
	115	43.5	3.99	47.0	4.51	49.5	4.78	52.0	5.23	53.4	5.48	55.9	5.87
	110	49.9	4.18	54.0	4.74	56.8	5.12	59.6	5.51	61.3	5.78	64.1	6.20
	106	52.0	4.05	56.2	4.59	59.1	4.96	62.1	5.34	63.8	5.60	66.8	6.01
	103	53.5	3.95	57.8	4.48	60.8	4.84	63.9	5.21	65.7	5.47	68.7	5.86
	99	55.3	3.82	59.8	4.33	62.9	4.68	66.0	5.04	67.9	5.29	71.0	5.67
	95	57.0	3.69	61.6	4.19	64.8	4.52	68.0	4.87	69.9	5.11	73.2	5.48
	93	57.0	3.57	61.6	4.05	64.8	4.37	68.0	4.71	69.9	4.94	73.2	5.29
	91	57.0	3.46	61.6	3.92	64.8	4.23	68.0	4.55	69.9	4.78	73.2	5.12
	87	57.0	3.24	61.6	3.67	64.8	3.96	68.0	4.26	69.9	4.47	73.2	4.79
	82	57.0	2.99	61.6	3.38	64.8	3.65	68.0	3.93	69.9	4.12	73.2	4.41
	75	57.0	2.68	61.6	3.02	64.8	3.26	68.0	3.51	69.9	3.68	73.2	3.93
	72	57.0	2.55	61.6	2.88	64.8	3.10	68.0	3.34	69.9	3.50	73.2	3.74
	70	57.0	2.47	61.6	2.79	64.8	3.00	68.0	3.23	69.9	3.39	73.2	3.62
	68	57.0	2.39	61.6	2.70	64.8	2.91	68.0	3.13	69.9	3.28	73.2	3.51
	65	57.0	2.33	61.6	2.63	64.8	2.84	68.0	3.05	69.9	3.20	73.2	3.42
	62	57.0	2.29	61.6	2.58	64.8	2.78	68.0	2.99	69.9	3.13	73.2	3.35
	58	57.0	2.23	61.6	2.52	64.8	2.71	68.0	2.92	69.9	3.06	73.2	3.27
	54	57.0	2.19	61.6	2.47	64.8	2.66	68.0	2.86	69.9	2.99	73.2	3.20
	50	57.0	2.14	61.6	2.41	64.8	2.60	68.0	2.79	69.9	2.93	73.2	3.13
	40	57.0	2.09	61.6	2.35	64.8	2.53	68.0	2.72	69.9	2.85	73.2	3.05
	30	57.0	2.04	61.6	2.30	64.8	2.48	68.0	2.66	69.9	2.79	73.2	2.98
	23	57.0	2.01	61.6	2.26	64.8	2.44	68.0	2.62	69.9	2.74	73.2	2.93
	15	57.0	1.97	61.6	2.22	64.8	2.40	68.0	2.57	69.9	2.70	73.2	2.88
	5	57.0	1.94	61.6	2.19	64.8	2.35	68.0	2.53	69.9	2.65	73.2	2.83
80	125	27.1	2.95	29.3	3.32	30.9	3.57	32.4	3.83	33.3	4.00	34.9	4.27
	122	30.2	3.06	32.7	3.45	34.4	3.71	36.1	3.99	37.1	4.17	38.8	4.46
	118	34.8	3.24	37.6	3.66	39.6	3.95	41.5	4.24	42.7	4.44	44.7	4.75
	115	38.7	3.41	41.8	3.85	44.0	4.08	46.2	4.47	47.5	4.69	49.7	5.02
	110	44.4	3.57	48.0	4.05	50.5	4.37	53.0	4.71	54.5	4.94	57.0	5.30
	106	46.2	3.46	49.9	3.93	52.6	4.24	55.2	4.57	56.7	4.79	59.4	5.14
	103	47.6	3.38	51.4	3.83	54.1	4.14	56.8	4.46	58.4	4.67	61.1	5.01
	99	49.2	3.27	53.1	3.70	55.9	4.00	58.7	4.31	60.3	4.52	63.1	4.85
	95	50.6	3.16	54.7	3.58	57.6	3.86	60.5	4.16	62.2	4.37	65.0	4.68
	93	50.6	3.05	54.7	3.46	57.6	3.74	60.5	4.03	62.2	4.22	65.0	4.52
	91	50.6	2.96	54.7	3.35	57.6	3.62	60.5	3.89	62.2	4.08	65.0	4.37
	87	50.6	2.77	54.7	3.14	57.6	3.39	60.5	3.65	62.2	3.82	65.0	4.10
	82	50.6	2.56	54.7	2.89	57.6	3.12	60.5	3.36	62.2	3.52	65.0	3.77
	75	50.6	2.29	54.7	2.59	57.6	2.79	60.5	3.00	62.2	3.14	65.0	3.36
	72	50.6	2.18	54.7	2.46	57.6	2.65	60.5	2.85	62.2	2.99	65.0	3.20
	70	50.6	2.11	54.7	2.38	57.6	2.57	60.5	2.76	62.2	2.89	65.0	3.10
	68	50.6	2.04	54.7	2.31	57.6	2.49	60.5	2.67	62.2	2.80	65.0	3.00
	65	50.6	1.99	54.7	2.25	57.6	2.43	60.5	2.61	62.2	2.73	65.0	2.93
	62	50.6	1.96	54.7	2.21	57.6	2.38	60.5	2.56	62.2	2.68	65.0	2.87
	58	50.6	1.91	54.7	2.15	57.6	2.32	60.5	2.49	62.2	2.61	65.0	2.79
	54	50.6	1.87	54.7	2.11	57.6	2.27	60.5	2.44	62.2	2.56	65.0	2.74
	50	50.6	1.83	54.7	2.06	57.6	2.22	60.5	2.39	62.2	2.50	65.0	2.68
	40	50.6	1.78	54.7	2.01	57.6	2.17	60.5	2.33	62.2	2.44	65.0	2.61
	30	50.6	1.74	54.7	1.97	57.6	2.12	60.5	2.28	62.2	2.38	65.0	2.55
	23	50.6	1.72	54.7	1.94	57.6	2.09	60.5	2.24	62.2	2.35	65.0	2.51
	15	50.6	1.69	54.7	1.90	57.6	2.05	60.5	2.20	62.2	2.30	65.0	2.46
	5	50.6	1.66	54.7	1.87	57.6	2.01	60.5	2.16	62.2	2.26	65.0	2.42
70	125	23.8	2.48	25.7	2.79	27.0	3.00	28.4	3.22	29.2	3.37	30.5	3.60
	122	26.5	2.58	28.6	2.91	30.1	3.13	31.6	3.36	32.5	3.52	34.0	3.76
	118	30.4	2.73	32.9	3.09	34.6	3.33	36.3	3.58	37.3	3.75	39.1	4.01
	115	33.9	2.87	36.6	3.25	38.5	3.44	40.4	3.77	41.6	3.95	43.5	4.23
	110	38.8	3.01	42.0	3.41	44.2	3.69	46.4	3.97	47.7	4.17	49.9	4.47
	106	40.4	2.92	43.7	3.31	46.0	3.57	48.3	3.85	49.6	4.04	51.9	4.33
	103	41.6	2.85	45.0	3.23	47.3	3.49	49.7	3.76	51.1	3.94	53.4	4.22
	99	43.0	2.76	46.5	3.12	48.9	3.37	51.4	3.63	52.8	3.81	55.2	4.08
	95	44.3	2.66	47.9	3.02	50.4	3.26	52.9	3.51	54.4	3.68	56.9	3.95
	93	44.3	2.57	47.9	2.92	50.4	3.15	52.9	3.39	54.4	3.56	56.9	3.81
	91	44.3	2.49	47.9	2.82	50.4	3.05	52.9	3.28	54.4	3.44	56.9	3.69
	87	44.3	2.34	47.9	2.65	50.4	2.85	52.9	3.07	54.4	3.22	56.9	3.45
	82	44.3	2.16	47.9	2.44	50.4	2.63	52.9	2.83	54.4	2.97	56.9	3.18
	75	44.3	1.93	47.9	2.18	50.4	2.35	52.9	2.53	54.4	2.65	56.9	2.84
	72	44.3	1.84	47.9	2.07	50.4	2.24	52.9	2.41	54.4	2.52	56.9	2.70
	70	44.3	1.78	47.9	2.01	50.4	2.16	52.9	2.33	54.4	2.44	56.9	2.61
	68	44.3	1.72	47.9	1.94	50.4	2.10	52.9	2.25	54.4	2.36	56.9	2.53
	65	44.3	1.68	47.9	1.90	50.4	2.05	52.9	2.20	54.4	2.30	56.9	2.47
	62	44.3	1.65	47.9	1.86	50.4	2.00	52.9	2.16	54.4	2.26	56.9	2.42
	58	44.3	1.61	47.9	1.81	50.4	1.96	52.9	2.10	54.4	2.20	56.9	2.36
	54	44.3	1.58	47.9	1.78	50.4	1.92	52.9	2.06	54.4	2.16	56.9	2.31
	50	44.3	1.54	47.9	1.74	50.4	1.87	52.9	2.01	54.4	2.11	56.9	2.26
	40	44.3	1.50	47.9	1.70	50.4	1.83	52.9	1.96	54.4	2.06	56.9	2.20
	30	44.3	1.47	47.9	1.66	50.4	1.79	52.9	1.92	54.4	2.01	56.9	2.15
	23	44.3	1.45	47.9	1.63	50.4	1.76	52.9	1.89	54.4	1.98	56.9	2.11
	15	44.3	1.42	47.9	1.60	50.4	1.73	52.9	1.86	54.4	1.94	56.9	2.08
	5	44.3	1.40	47.9	1.57	50.4	1.70	52.9	1.82	54.4	1.91	56.9	2.04

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP0961FT6P-UL/MMY-MUP0961FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	45.2	5.49	48.9	6.31	51.5	6.88	54.0	7.47	55.5	7.88	45.2	5.49
	122	50.4	5.78	54.4	6.66	57.3	7.26	60.2	7.90	61.8	8.34	50.4	5.78
	118	58.0	6.24	62.6	7.22	65.9	7.88	69.2	8.59	71.1	9.08	58.0	6.24
	115	64.5	6.67	69.7	7.73	73.4	8.36	77.0	9.23	79.2	9.76	64.5	6.67
	110	74.0	7.14	79.9	8.30	84.1	9.10	88.4	9.94	90.8	10.53	74.0	7.14
	106	77.0	6.92	83.2	8.05	87.6	8.82	92.0	9.64	94.6	10.20	77.0	6.92
	103	79.3	6.75	85.6	7.85	90.1	8.60	94.6	9.40	97.3	9.95	79.3	6.75
	99	81.9	6.53	88.5	7.59	93.2	8.32	97.8	9.09	100.6	9.63	81.9	6.53
	95	84.4	6.31	91.2	7.34	96.0	8.04	100.8	8.79	103.6	9.30	84.4	6.31
	93	84.4	6.08	91.2	7.07	96.0	7.74	100.8	8.46	103.6	8.96	84.4	6.08
	91	84.4	5.87	91.2	6.82	96.0	7.46	100.8	8.15	103.6	8.63	84.4	5.87
	87	84.4	5.47	91.2	6.35	96.0	6.95	100.8	7.59	103.6	8.03	84.4	5.47
	82	84.4	5.01	91.2	5.81	96.0	6.36	100.8	6.94	103.6	7.34	84.4	5.01
	75	84.4	4.45	91.2	5.15	96.0	5.63	100.8	6.14	103.6	6.50	84.4	4.45
	72	84.4	4.22	91.2	4.89	96.0	5.34	100.8	5.83	103.6	6.16	84.4	4.22
	70	84.4	4.08	91.2	4.73	96.0	5.17	100.8	5.63	103.6	5.95	84.4	4.08
	68	84.4	3.95	91.2	4.57	96.0	4.99	100.8	5.44	103.6	5.75	84.4	3.95
	65	84.4	3.85	91.2	4.45	96.0	4.86	100.8	5.30	103.6	5.60	84.4	3.85
	62	84.4	3.77	91.2	4.35	96.0	4.76	100.8	5.18	103.6	5.48	84.4	3.77
	58	84.4	3.67	91.2	4.24	96.0	4.63	100.8	5.04	103.6	5.33	84.4	3.67
	54	84.4	3.59	91.2	4.14	96.0	4.52	100.8	4.93	103.6	5.21	84.4	3.59
	50	84.4	3.50	91.2	4.05	96.0	4.42	100.8	4.81	103.6	5.08	84.4	3.50
	40	84.4	3.41	91.2	3.93	96.0	4.30	100.8	4.68	103.6	4.94	84.4	3.41
	30	84.4	3.33	91.2	3.84	96.0	4.19	100.8	4.57	103.6	4.82	84.4	3.33
	23	84.4	3.27	91.2	3.78	96.0	4.12	100.8	4.49	103.6	4.74	84.4	3.27
	15	84.4	3.22	91.2	3.71	96.0	4.05	100.8	4.41	103.6	4.66	84.4	3.22
	5	84.4	3.16	91.2	3.64	96.0	3.98	100.8	4.33	103.6	4.57	84.4	3.16
110	125	46.1	5.55	49.9	6.38	52.5	6.95	55.1	7.55	56.6	7.96	46.1	5.55
	122	51.4	5.84	55.5	6.73	58.5	7.33	61.4	7.98	63.1	8.42	51.4	5.84
	118	59.1	6.31	63.9	7.29	67.2	7.96	70.6	8.68	72.6	9.17	59.1	6.31
	115	65.8	6.74	71.1	7.81	74.8	8.44	78.6	9.32	80.8	9.86	65.8	6.74
	110	75.5	7.21	81.5	8.39	85.8	9.19	90.1	10.04	92.6	10.63	75.5	7.21
	106	78.6	6.99	84.9	8.13	89.4	8.91	93.8	9.74	96.5	10.31	78.6	6.99
	103	80.8	6.82	87.3	7.93	91.9	8.69	96.5	9.50	99.2	10.06	80.8	6.82
	99	83.6	6.60	90.3	7.67	95.0	8.41	99.8	9.19	102.6	9.73	83.6	6.60
	95	86.1	6.37	93.0	7.41	97.9	8.12	102.8	8.88	105.7	9.40	86.1	6.37
	93	86.1	6.14	93.0	7.14	97.9	7.82	102.8	8.55	105.7	9.05	86.1	6.14
	91	86.1	5.93	93.0	6.88	97.9	7.54	102.8	8.24	105.7	8.72	86.1	5.93
	87	86.1	5.52	93.0	6.41	97.9	7.02	102.8	7.66	105.7	8.11	86.1	5.52
	82	86.1	5.06	93.0	5.87	97.9	6.42	102.8	7.01	105.7	7.41	86.1	5.06
	75	86.1	4.49	93.0	5.20	97.9	5.69	102.8	6.21	105.7	6.56	86.1	4.49
	72	86.1	4.27	93.0	4.94	97.9	5.40	102.8	5.89	105.7	6.22	86.1	4.27
	70	86.1	4.13	93.0	4.77	97.9	5.22	102.8	5.69	105.7	6.01	86.1	4.13
	68	86.1	3.99	93.0	4.61	97.9	5.04	102.8	5.50	105.7	5.81	86.1	3.99
	65	86.1	3.89	93.0	4.49	97.9	4.91	102.8	5.35	105.7	5.66	86.1	3.89
	62	86.1	3.80	93.0	4.40	97.9	4.80	102.8	5.23	105.7	5.53	86.1	3.80
	58	86.1	3.70	93.0	4.28	97.9	4.67	102.8	5.09	105.7	5.38	86.1	3.70
	54	86.1	3.62	93.0	4.18	97.9	4.57	102.8	4.98	105.7	5.26	86.1	3.62
	50	86.1	3.54	93.0	4.09	97.9	4.46	102.8	4.86	105.7	5.14	86.1	3.54
	40	86.1	3.44	93.0	3.98	97.9	4.34	102.8	4.73	105.7	4.99	86.1	3.44
	30	86.1	3.36	93.0	3.88	97.9	4.24	102.8	4.61	105.7	4.87	86.1	3.36
	23	86.1	3.31	93.0	3.82	97.9	4.17	102.8	4.54	105.7	4.79	86.1	3.31
	15	86.1	3.25	93.0	3.75	97.9	4.09	102.8	4.45	105.7	4.71	86.1	3.25
	5	86.1	3.19	93.0	3.68	97.9	4.02	102.8	4.37	105.7	4.62	86.1	3.19
120	125	47.5	5.66	51.3	6.50	54.0	7.08	56.7	7.70	58.3	8.12	47.5	5.66
	122	52.9	5.95	57.2	6.86	60.2	7.48	63.2	8.14	64.9	8.59	52.9	5.95
	118	60.9	6.43	65.8	7.43	69.2	8.12	72.7	8.85	74.7	9.35	60.9	6.43
	115	67.7	6.87	73.2	7.96	77.0	8.61	80.9	9.51	83.1	10.05	67.7	6.87
	110	77.7	7.35	83.9	8.55	88.4	9.37	92.8	10.24	95.3	10.84	77.7	7.35
	106	80.9	7.13	87.4	8.29	92.0	9.08	96.6	9.93	99.3	10.51	80.9	7.13
	103	83.2	6.95	89.9	8.09	94.6	8.86	99.4	9.68	102.1	10.25	83.2	6.95
	99	86.0	6.73	92.9	7.82	97.8	8.57	102.7	9.37	105.6	9.92	86.0	6.73
	95	88.6	6.50	95.8	7.56	100.8	8.28	105.8	9.05	108.8	9.58	88.6	6.50
	93	88.6	6.26	95.8	7.28	100.8	7.98	105.8	8.72	108.8	9.23	88.6	6.26
	91	88.6	6.04	95.8	7.02	100.8	7.69	105.8	8.40	108.8	8.89	88.6	6.04
	87	88.6	5.63	95.8	6.54	100.8	7.16	105.8	7.81	108.8	8.27	88.6	5.63
	82	88.6	5.16	95.8	5.99	100.8	6.55	105.8	7.15	108.8	7.56	88.6	5.16
	75	88.6	4.58	95.8	5.31	100.8	5.80	105.8	6.33	108.8	6.69	88.6	4.58
	72	88.6	4.35	95.8	5.04	100.8	5.51	105.8	6.00	108.8	6.35	88.6	4.35
	70	88.6	4.21	95.8	4.87	100.8	5.32	105.8	5.80	108.8	6.13	88.6	4.21
	68	88.6	4.07	95.8	4.70	100.8	5.14	105.8	5.60	108.8	5.92	88.6	4.07
	65	88.6	3.96	95.8	4.58	100.8	5.01	105.8	5.46	108.8	5.77	88.6	3.96
	62	88.6	3.88	95.8	4.48	100.8	4.90	105.8	5.34	108.8	5.64	88.6	3.88
	58	88.6	3.78	95.8	4.36	100.8	4.77	105.8	5.19	108.8	5.49	88.6	3.78
	54	88.6	3.69	95.8	4.27	100.8	4.66	105.8	5.08	108.8	5.36	88.6	3.69
	50	88.6	3.61	95.8	4.17	100.8	4.55	105.8	4.96	108.8	5.24	88.6	3.61
	40	88.6	3.51	95.8	4.05	100.8	4.42	105.8	4.82	108.8	5.09	88.6	3.51
	30	88.6	3.43	95.8	3.96	100.8	4.32	105.8	4.70	108.8	4.97	88.6	3.43
	23	88.6	3.37	95.8	3.89	100.8	4.25	105.8	4.63	108.8	4.89	88.6	3.37
	15	88.6	3.31	95.8	3.82	100.8	4.17	105.8	4.54	108.8	4.80	88.6	3.31
	5	88.6	3.25	95.8	3.75	100.8	4.10	105.8	4.46	108.8	4.71	88.6	3.25
130	125	48.6	5.74	52.6	6.60	55.3	7.18	58.1	7.80	59.7	8.23	48.2	5.69
	122	54.2	6.04	58.5	6.96	61.6	7.59	64.7	8.25	66.5	8.71	53.7	5.98
	118	62.3	6.52	67.3	7.54	70.9	8.24	74.4	8.97	76.5	9.48	61.7	6.46
	115	69.3	6.97	74.9	8.08	78.9	8.73	82.8	9.64	85.1	10.20	68.7	6.90
	110	79.5	7.46	85.9	8.67	90.5	9.50	95.0	10.39	97.6	11.00	78.8	7.39
	106	82.8	7.23	89.5	8.41	94.2	9.21	98.9	10.07	101.7	10.66	82.0	7.16
	103	85.2	7.05	92.1	8.20	96.9	8.99	101.7	9.82	104.6	10.40	84.4	6.99
	99	88.1	6.82	95.2	7.93	100.2	8.69	105.2	9.50	108.1	10.06	87.2	6.76
	95	90.7	6.59	98.0	7.66	103.2	8.40	108.4	9.18	111.4	9.72	89.9	6.53
	93	90.7	6.35	98.0	7.38	103.2	8.09	108.4	8.84	111.4	9.36	89.9	6.29
	91	90.7	6.13	98.0	7.12	103.2	7.80	108.4	8.52	111.4	9.02	89.9	6.07
	87	90.7	5.71	98.0	6.63	103.2	7.26	108.4	7.93	111.4	8.39	89.9	5.66
	82	90.7	5.24	98.0	6.07	103.2	6.64	108.4	7.25	111.4	7.67	89.9	5.19
	75	90.7	4.65	98.0	5.38	103.2	5.89	108.4	6.42	111.4	6.79	89.9	4.60
	72	90.7	4.41	98.0	5.11	103.2	5.58	108.4	6.09	111.4	6.44	89.9	4.37
	70	90.7	4.27	98.0	4.94	103.2	5.40	108.4	5.88	111.4	6.22	89.9	4.23
	68	90.7	4.12	98.0	4.77	103.2	5.21	108.4	5.68	111.4	6.01	89.9	4.09
	65	90.7	4.02	98.0	4.65	103.2	5.08	108.4	5.54	111.4	5.85	89.9	3.98
	62	90.7	3.93	98.0	4.55	103.2	4.97	108.4	5.41	111.4	5.72	89.9	3.90
	58	90.7	3.83	98.0	4.43	103.2	4.83	108.4	5.27	111.4	5.57	89.9	3.79
	54	90.7	3.75	98.0	4.33	103.2	4.73	108.4	5.15	111.4	5.44	89.9	3.71
	50	90.7	3.66	98.0	4.23	103.2	4.61	108.4	5.03	111.4	5.31	89.9	3.63
	40	90.7	3.56	98.0	4.11	103.2	4.49	108.4	4.89	111.4	5.16	89.9	3.53
	30	90.7	3.48	98.0	4.01	103.2	4.38	108.4	4.77	111.4	5.04	89.9	3.45
	23	90.7	3.42	98.0	3.95	103.2	4.31	108.4	4.69	111.4	4.96	89.9	3.39
	15	90.7	3.36	98.0	3.88	103.2	4.23	108.4	4.61	111.4	4.87	89.9	3.33
	5	90.7	3.30	98.0	3.81	103.2	4.16	108.4	4.52	111.4	4.78	89.9	3.27

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	40.7	4.75	44.0	5.46	46.3	5.94	48.6	6.46	50.0	6.81	40.7	4.75
	122	45.3	5.00	49.0	5.76	51.6	6.28	54.2	6.83	55.7	7.21	45.3	5.00
	118	52.2	5.40	56.4	6.24	59.3	6.81	62.3	7.43	64.0	7.85	52.2	5.40
	115	58.0	5.76	62.7	6.68	66.0	7.22	69.3	7.98	71.3	8.44	58.0	5.76
	110	66.6	6.17	71.9	7.18	75.7	7.86	79.5	8.59	81.7	9.10	66.6	6.17
	106	69.3	5.98	74.9	6.96	78.9	7.62	82.8	8.33	85.1	8.82	69.3	5.98
	103	71.3	5.83	77.1	6.78	81.1	7.44	85.2	8.13	87.6	8.60	71.3	5.83
	99	73.7	5.64	79.7	6.56	83.9	7.19	88.1	7.86	90.5	8.32	73.7	5.64
	95	76.0	5.45	82.1	6.34	86.4	6.95	90.7	7.59	93.2	8.04	76.0	5.45
	93	76.0	5.26	82.1	6.11	86.4	6.69	90.7	7.31	93.2	7.74	76.0	5.26
	91	76.0	5.07	82.1	5.89	86.4	6.45	90.7	7.05	93.2	7.46	76.0	5.07
	87	76.0	4.73	82.1	5.49	86.4	6.01	90.7	6.56	93.2	6.94	76.0	4.73
	82	76.0	4.33	82.1	5.02	86.4	5.50	90.7	6.00	93.2	6.34	76.0	4.33
	75	76.0	3.85	82.1	4.45	86.4	4.87	90.7	5.31	93.2	5.61	76.0	3.85
	72	76.0	3.65	82.1	4.23	86.4	4.62	90.7	5.04	93.2	5.33	76.0	3.65
	70	76.0	3.53	82.1	4.08	86.4	4.46	90.7	4.87	93.2	5.15	76.0	3.53
	68	76.0	3.41	82.1	3.95	86.4	4.31	90.7	4.70	93.2	4.97	76.0	3.41
	65	76.0	3.33	82.1	3.85	86.4	4.20	90.7	4.58	93.2	4.84	76.0	3.33
	62	76.0	3.25	82.1	3.76	86.4	4.11	90.7	4.48	93.2	4.73	76.0	3.25
	58	76.0	3.17	82.1	3.66	86.4	4.00	90.7	4.36	93.2	4.60	76.0	3.17
	54	76.0	3.10	82.1	3.58	86.4	3.91	90.7	4.26	93.2	4.50	76.0	3.10
	50	76.0	3.03	82.1	3.50	86.4	3.82	90.7	4.16	93.2	4.39	76.0	3.03
	40	76.0	2.95	82.1	3.40	86.4	3.71	90.7	4.04	93.2	4.27	76.0	2.95
	30	76.0	2.88	82.1	3.32	86.4	3.62	90.7	3.95	93.2	4.17	76.0	2.88
	23	76.0	2.83	82.1	3.27	86.4	3.57	90.7	3.88	93.2	4.10	76.0	2.83
	15	76.0	2.78	82.1	3.21	86.4	3.50	90.7	3.81	93.2	4.03	76.0	2.78
	5	76.0	2.73	82.1	3.15	86.4	3.44	90.7	3.74	93.2	3.95	76.0	2.73
80	125	36.2	4.06	39.1	4.67	41.2	5.08	43.2	5.52	44.4	5.82	36.2	4.06
	122	40.3	4.27	43.6	4.92	45.8	5.37	48.1	5.84	49.5	6.16	40.3	4.27
	118	46.4	4.61	50.1	5.33	52.7	5.83	55.4	6.35	56.9	6.71	46.4	4.61
	115	51.6	4.93	55.8	5.71	58.7	6.18	61.6	6.82	63.3	7.21	51.6	4.93
	110	59.2	5.28	63.9	6.13	67.3	6.72	70.7	7.35	72.6	7.78	59.2	5.28
	106	61.6	5.11	66.6	5.95	70.1	6.52	73.6	7.12	75.6	7.54	61.6	5.11
	103	63.4	4.99	68.5	5.80	72.1	6.36	75.7	6.95	77.8	7.36	63.4	4.99
	99	65.5	4.83	70.8	5.61	74.5	6.15	78.3	6.72	80.4	7.12	65.5	4.83
	95	67.5	4.66	73.0	5.42	76.8	5.94	80.6	6.49	82.9	6.87	67.5	4.66
	93	67.5	4.49	73.0	5.22	76.8	5.72	80.6	6.25	82.9	6.62	67.5	4.49
	91	67.5	4.34	73.0	5.04	76.8	5.52	80.6	6.03	82.9	6.38	67.5	4.34
	87	67.5	4.04	73.0	4.69	76.8	5.13	80.6	5.61	82.9	5.93	67.5	4.04
	82	67.5	3.70	73.0	4.29	76.8	4.70	80.6	5.13	82.9	5.42	67.5	3.70
	75	67.5	3.29	73.0	3.81	76.8	4.16	80.6	4.54	82.9	4.80	67.5	3.29
	72	67.5	3.12	73.0	3.61	76.8	3.95	80.6	4.31	82.9	4.55	67.5	3.12
	70	67.5	3.02	73.0	3.49	76.8	3.82	80.6	4.16	82.9	4.40	67.5	3.02
	68	67.5	2.92	73.0	3.37	76.8	3.69	80.6	4.02	82.9	4.25	67.5	2.92
	65	67.5	2.84	73.0	3.29	76.8	3.59	80.6	3.92	82.9	4.14	67.5	2.84
	62	67.5	2.78	73.0	3.22	76.8	3.51	80.6	3.83	82.9	4.05	67.5	2.78
	58	67.5	2.71	73.0	3.13	76.8	3.42	80.6	3.73	82.9	3.94	67.5	2.71
	54	67.5	2.65	73.0	3.06	76.8	3.34	80.6	3.64	82.9	3.85	67.5	2.65
	50	67.5	2.59	73.0	2.99	76.8	3.26	80.6	3.56	82.9	3.76	67.5	2.59
	40	67.5	2.52	73.0	2.91	76.8	3.17	80.6	3.46	82.9	3.65	67.5	2.52
	30	67.5	2.46	73.0	2.84	76.8	3.10	80.6	3.37	82.9	3.56	67.5	2.46
	23	67.5	2.42	73.0	2.79	76.8	3.05	80.6	3.32	82.9	3.51	67.5	2.42
	15	67.5	2.38	73.0	2.74	76.8	2.99	80.6	3.26	82.9	3.44	67.5	2.38
	5	67.5	2.33	73.0	2.69	76.8	2.94	80.6	3.20	82.9	3.38	67.5	2.33
70	125	31.7	3.42	34.2	3.93	36.0	4.28	37.8	4.65	38.9	4.91	31.7	3.42
	122	35.3	3.60	38.1	4.15	40.1	4.52	42.1	4.92	43.3	5.19	35.3	3.60
	118	40.6	3.89	43.8	4.49	46.1	4.91	48.5	5.35	49.8	5.65	40.6	3.89
	115	45.1	4.15	48.8	4.81	51.4	5.21	53.9	5.75	55.4	6.08	45.1	4.15
	110	51.8	4.45	56.0	5.17	58.9	5.67	61.8	6.19	63.6	6.56	51.8	4.45
	106	53.9	4.31	58.3	5.01	61.3	5.49	64.4	6.00	66.2	6.36	53.9	4.31
	103	55.5	4.20	59.9	4.89	63.1	5.36	66.3	5.86	68.1	6.20	55.5	4.20
	99	57.3	4.07	62.0	4.73	65.2	5.18	68.5	5.66	70.4	6.00	57.3	4.07
	95	59.1	3.93	63.8	4.57	67.2	5.01	70.6	5.47	72.5	5.79	59.1	3.93
	93	59.1	3.79	63.8	4.40	67.2	4.82	70.6	5.27	72.5	5.58	59.1	3.79
	91	59.1	3.65	63.8	4.24	67.2	4.65	70.6	5.08	72.5	5.38	59.1	3.65
	87	59.1	3.41	63.8	3.95	67.2	4.33	70.6	4.73	72.5	5.00	59.1	3.41
	82	59.1	3.12	63.8	3.62	67.2	3.96	70.6	4.32	72.5	4.57	59.1	3.12
	75	59.1	2.77	63.8	3.21	67.2	3.51	70.6	3.83	72.5	4.05	59.1	2.77
	72	59.1	2.63	63.8	3.05	67.2	3.33	70.6	3.63	72.5	3.84	59.1	2.63
	70	59.1	2.54	63.8	2.94	67.2	3.22	70.6	3.51	72.5	3.71	59.1	2.54
	68	59.1	2.46	63.8	2.84	67.2	3.11	70.6	3.39	72.5	3.58	59.1	2.46
	65	59.1	2.40	63.8	2.77	67.2	3.03	70.6	3.30	72.5	3.49	59.1	2.40
	62	59.1	2.35	63.8	2.71	67.2	2.96	70.6	3.23	72.5	3.41	59.1	2.35
	58	59.1	2.28	63.8	2.64	67.2	2.88	70.6	3.14	72.5	3.32	59.1	2.28
	54	59.1	2.23	63.8	2.58	67.2	2.82	70.6	3.07	72.5	3.24	59.1	2.23
	50	59.1	2.18	63.8	2.52	67.2	2.75	70.6	3.00	72.5	3.17	59.1	2.18
	40	59.1	2.12	63.8	2.45	67.2	2.68	70.6	2.91	72.5	3.08	59.1	2.12
	30	59.1	2.07	63.8	2.39	67.2	2.61	70.6	2.84	72.5	3.00	59.1	2.07
	23	59.1	2.04	63.8	2.35	67.2	2.57	70.6	2.80	72.5	2.95	59.1	2.04
	15	59.1	2.00	63.8	2.31	67.2	2.52	70.6	2.75	72.5	2.90	59.1	2.00
	5	59.1	1.97	63.8	2.27	67.2	2.48	70.6	2.70	72.5	2.85	59.1	1.97

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP1201FT6P-UL/MMY-MUP1201FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	56.6	6.50	61.1	7.49	64.3	8.18	67.5	8.91	69.5	9.41	72.7	10.19
	122	63.0	6.86	68.1	7.92	71.6	8.66	75.2	9.44	77.4	9.98	81.0	10.82
	118	72.5	7.43	78.3	8.61	82.4	9.43	86.5	10.29	89.0	10.90	93.1	11.83
	115	80.7	7.96	87.1	9.25	91.7	10.04	96.3	11.08	99.0	11.74	103.6	12.76
	110	92.6	8.55	99.9	9.96	105.2	10.93	110.4	11.96	113.6	12.69	118.9	13.80
	106	96.4	8.29	104.1	9.65	109.5	10.60	115.0	11.59	118.3	12.30	123.8	13.38
	103	99.2	8.08	107.0	9.42	112.7	10.34	118.3	11.31	121.7	12.00	127.3	13.05
	99	102.5	7.82	110.7	9.11	116.5	10.00	122.3	10.94	125.8	11.61	131.6	12.63
	95	105.6	7.56	114.0	8.80	120.0	9.66	126.0	10.57	129.6	11.21	135.6	12.20
	93	105.6	7.28	114.0	8.48	120.0	9.30	126.0	10.18	129.6	10.79	135.6	11.74
	91	105.6	7.02	114.0	8.17	120.0	8.96	126.0	9.80	129.6	10.40	135.6	11.31
	87	105.6	6.54	114.0	7.60	120.0	8.34	126.0	9.11	129.6	9.66	135.6	10.51
	82	105.6	5.99	114.0	6.95	120.0	7.62	126.0	8.33	129.6	8.83	135.6	9.59
	75	105.6	5.31	114.0	6.16	120.0	6.75	126.0	7.37	129.6	7.81	135.6	8.48
	72	105.6	5.04	114.0	5.84	120.0	6.40	126.0	6.99	129.6	7.40	135.6	8.04
	70	105.6	4.87	114.0	5.65	120.0	6.18	126.0	6.75	129.6	7.15	135.6	7.77
	68	105.6	4.70	114.0	5.46	120.0	5.97	126.0	6.52	129.6	6.91	135.6	7.50
	65	105.6	4.58	114.0	5.31	120.0	5.82	126.0	6.35	129.6	6.73	135.6	7.30
	62	105.6	4.48	114.0	5.20	120.0	5.69	126.0	6.21	129.6	6.58	135.6	7.14
	58	105.6	4.36	114.0	5.06	120.0	5.53	126.0	6.04	129.6	6.39	135.6	6.94
	54	105.6	4.27	114.0	4.94	120.0	5.41	126.0	5.90	129.6	6.25	135.6	6.78
	50	105.6	4.17	114.0	4.83	120.0	5.28	126.0	5.76	129.6	6.10	135.6	6.62
	40	105.6	4.05	114.0	4.69	120.0	5.13	126.0	5.60	129.6	5.93	135.6	6.43
	30	105.6	3.96	114.0	4.58	120.0	5.01	126.0	5.46	129.6	5.78	135.6	6.27
	23	105.6	3.89	114.0	4.50	120.0	4.93	126.0	5.37	129.6	5.69	135.6	6.17
	15	105.6	3.82	114.0	4.42	120.0	4.84	126.0	5.28	129.6	5.58	135.6	6.06
	5	105.6	3.75	114.0	4.34	120.0	4.75	126.0	5.18	129.6	5.48	135.6	5.95
110	125	57.7	6.57	62.3	7.57	65.6	8.26	68.9	9.00	70.9	9.51	74.1	10.30
	122	64.3	6.93	69.4	8.00	73.1	8.75	76.7	9.53	78.9	10.08	82.6	10.93
	118	74.0	7.51	79.8	8.70	84.0	9.53	88.2	10.40	90.8	11.01	95.0	11.95
	115	82.3	8.04	88.9	9.34	93.5	10.14	98.2	11.19	101.0	11.86	105.7	12.89
	110	94.4	8.64	101.9	10.06	107.3	11.04	112.6	12.08	115.9	12.82	121.2	13.95
	106	98.3	8.37	106.1	9.75	111.7	10.70	117.3	11.71	120.7	12.43	126.2	13.52
	103	101.1	8.17	109.2	9.51	114.9	10.44	120.7	11.43	124.1	12.12	129.9	13.19
	99	104.5	7.90	112.9	9.20	118.8	10.10	124.7	11.05	128.3	11.73	134.3	12.76
	95	107.7	7.63	116.3	8.88	122.4	9.76	128.5	10.68	132.2	11.33	138.3	12.33
	93	107.7	7.35	116.3	8.56	122.4	9.40	128.5	10.28	132.2	10.90	138.3	11.86
	91	107.7	7.09	116.3	8.25	122.4	9.05	128.5	9.90	132.2	10.50	138.3	11.42
	87	107.7	6.60	116.3	7.68	122.4	8.42	128.5	9.21	132.2	9.76	138.3	10.61
	82	107.7	6.05	116.3	7.03	122.4	7.70	128.5	8.42	132.2	8.92	138.3	9.69
	75	107.7	5.36	116.3	6.22	122.4	6.82	128.5	7.45	132.2	7.89	138.3	8.57
	72	107.7	5.09	116.3	5.90	122.4	6.46	128.5	7.06	132.2	7.48	138.3	8.12
	70	107.7	4.92	116.3	5.70	122.4	6.25	128.5	6.82	132.2	7.23	138.3	7.84
	68	107.7	4.75	116.3	5.51	122.4	6.03	128.5	6.59	132.2	6.98	138.3	7.58
	65	107.7	4.63	116.3	5.37	122.4	5.88	128.5	6.41	132.2	6.79	138.3	7.38
	62	107.7	4.53	116.3	5.25	122.4	5.75	128.5	6.27	132.2	6.64	138.3	7.21
	58	107.7	4.41	116.3	5.11	122.4	5.59	128.5	6.10	132.2	6.46	138.3	7.01
	54	107.7	4.31	116.3	4.99	122.4	5.46	128.5	5.96	132.2	6.31	138.3	6.85
	50	107.7	4.21	116.3	4.87	122.4	5.33	128.5	5.82	132.2	6.16	138.3	6.69
	40	107.7	4.09	116.3	4.74	122.4	5.18	128.5	5.66	132.2	5.99	138.3	6.49
	30	107.7	4.00	116.3	4.63	122.4	5.06	128.5	5.52	132.2	5.84	138.3	6.34
	23	107.7	3.93	116.3	4.55	122.4	4.98	128.5	5.43	132.2	5.75	138.3	6.23
	15	107.7	3.86	116.3	4.47	122.4	4.89	128.5	5.33	132.2	5.64	138.3	6.12
	5	107.7	3.79	116.3	4.39	122.4	4.80	128.5	5.23	132.2	5.54	138.3	6.01
120	125	59.4	6.70	64.2	7.72	67.5	8.43	70.9	9.17	72.9	9.70	76.3	10.50
	122	66.2	7.06	71.5	8.16	75.2	8.92	79.0	9.72	81.2	10.28	85.0	11.14
	118	76.1	7.66	82.2	8.87	86.5	9.71	90.8	10.60	93.4	11.23	97.8	12.18
	115	84.7	8.20	91.5	9.53	96.3	10.34	101.1	11.41	104.0	12.09	108.8	13.14
	110	97.2	8.81	104.9	10.26	110.4	11.26	116.0	12.32	119.3	13.07	124.8	14.22
	106	101.2	8.54	109.3	9.94	115.0	10.91	120.8	11.94	124.2	12.67	130.0	13.78
	103	104.1	8.33	112.4	9.70	118.3	10.65	124.2	11.65	127.8	12.36	133.7	13.45
	99	107.6	8.06	116.2	9.38	122.3	10.30	128.4	11.27	132.1	11.96	138.2	13.01
	95	110.9	7.78	119.7	9.07	126.0	9.95	132.3	10.89	136.1	11.55	142.4	12.57
	93	110.9	7.50	119.7	8.73	126.0	9.58	132.3	10.48	136.1	11.12	142.4	12.09
	91	110.9	7.23	119.7	8.41	126.0	9.23	132.3	10.10	136.1	10.71	142.4	11.65
	87	110.9	6.73	119.7	7.83	126.0	8.59	132.3	9.39	136.1	9.95	142.4	10.82
	82	110.9	6.17	119.7	7.16	126.0	7.85	132.3	8.58	136.1	9.10	142.4	9.88
	75	110.9	5.47	119.7	6.34	126.0	6.95	132.3	7.59	136.1	8.04	142.4	8.74
	72	110.9	5.19	119.7	6.02	126.0	6.59	132.3	7.20	136.1	7.63	142.4	8.28
	70	110.9	5.01	119.7	5.82	126.0	6.37	132.3	6.95	136.1	7.37	142.4	8.00
	68	110.9	4.85	119.7	5.62	126.0	6.15	132.3	6.72	136.1	7.12	142.4	7.72
	65	110.9	4.72	119.7	5.47	126.0	5.99	132.3	6.54	136.1	6.93	142.4	7.52
	62	110.9	4.62	119.7	5.35	126.0	5.86	132.3	6.40	136.1	6.77	142.4	7.35
	58	110.9	4.49	119.7	5.21	126.0	5.70	132.3	6.22	136.1	6.59	142.4	7.15
	54	110.9	4.40	119.7	5.09	126.0	5.57	132.3	6.08	136.1	6.44	142.4	6.98
	50	110.9	4.29	119.7	4.97	126.0	5.44	132.3	5.93	136.1	6.28	142.4	6.82
	40	110.9	4.17	119.7	4.83	126.0	5.29	132.3	5.77	136.1	6.10	142.4	6.62
	30	110.9	4.08	119.7	4.72	126.0	5.16	132.3	5.63	136.1	5.96	142.4	6.46
	23	110.9	4.01	119.7	4.64	126.0	5.07	132.3	5.53	136.1	5.86	142.4	6.35
	15	110.9	3.94	119.7	4.56	126.0	4.98	132.3	5.43	136.1	5.75	142.4	6.24
	5	110.9	3.87	119.7	4.47	126.0	4.89	132.3	5.34	136.1	5.65	142.4	6.13
130	125	60.8	6.79	65.7	7.83	69.1	8.55	72.6	9.30	74.7	9.84	77.4	10.55
	122	67.8	7.16	73.2	8.28	77.0	9.04	80.9	9.86	83.2	10.43	86.2	11.20
	118	77.9	7.77	84.1	9.00	88.6	9.85	93.0	10.75	95.7	11.39	99.2	12.24
	115	86.8	8.32	93.7	9.66	98.6	10.49	103.5	11.57	106.5	12.27	110.4	13.20
	110	99.5	8.93	107.4	10.40	113.1	11.42	118.7	12.50	122.1	13.26	126.6	14.29
	106	103.6	8.66	111.9	10.08	117.7	11.07	123.6	12.11	127.2	12.85	131.8	13.85
	103	106.6	8.45	115.1	9.84	121.1	10.80	127.2	11.82	130.8	12.53	135.6	13.51
	99	110.2	8.17	119.0	9.52	125.2	10.44	131.5	11.43	135.2	12.13	140.2	13.07
	95	113.5	7.89	122.6	9.19	129.0	10.09	135.5	11.04	139.3	11.72	144.4	12.63
	93	113.5	7.61	122.6	8.85	129.0	9.72	135.5	10.63	139.3	11.28	144.4	12.15
	91	113.5	7.33	122.6	8.53	129.0	9.36	135.5	10.24	139.3	10.86	144.4	11.70
	87	113.5	6.83	122.6	7.94	129.0	8.71	135.5	9.52	139.3	10.10	144.4	10.87
	82	113.5	6.25	122.6	7.27	129.0	7.96	135.5	8.70	139.3	9.22	144.4	9.93
	75	113.5	5.54	122.6	6.43	129.0	7.05	135.5	7.70	139.3	8.16	144.4	8.78
	72	113.5	5.26	122.6	6.10	129.0	6.68	135.5	7.30	139.3	7.73	144.4	8.32
	70	113.5	5.09	122.6	5.90	129.0	6.46	135.5	7.05	139.3	7.47	144.4	8.04
	68	113.5	4.91	122.6	5.70	129.0	6.24	135.5	6.81	139.3	7.22	144.4	7.76
	65	113.5	4.79	122.6	5.55	129.0	6.08	135.5	6.63	139.3	7.03	144.4	7.56
	62	113.5	4.68	122.6	5.43	129.0	5.94	135.5	6.49	139.3	6.87	144.4	7.39
	58	113.5	4.56	122.6	5.28	129.0	5.78	135.5	6.31	139.3	6.68	144.4	7.18
	54	113.5	4.46	122.6	5.16	129.0	5.65	135.5	6.16	139.3	6.53	144.4	7.02
	50	113.5	4.35	122.6	5.04	129.0	5.52	135.5	6.02	139.3	6.37	144.4	6.85
	40	113.5	4.23	122.6	4.90	129.0	5.36	135.5	5.85	139.3	6.19	144.4	6.65
	30	113.5	4.13	122.6	4.78	129.0	5.23	135.5	5.71	139.3	6.04	144.4	6.49
	23	113.5	4.07	122.6	4.71	129.0	5.15	135.5	5.61	139.3	5.94	144.4	6.38
	15	113.5	3.99	122.6	4.62	129.0	5.05	135.5	5.51	139.3	5.83	144.4	6.27
	5	113.5	3.92	122.6	4.54	129.0	4.96	135.5	5.41	139.3	5.73	144.4	6.16

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	50.9	5.62	55.0	6.48	57.9	7.07	60.8	7.70	62.5	8.14	65.4	8.81
	122	56.7	5.93	61.3	6.85	64.5	7.48	67.7	8.16	69.6	8.63	72.9	9.35
	118	65.3	6.42	70.5	7.45	74.2	8.15	77.9	8.90	80.1	9.42	83.8	10.22
	115	72.6	6.88	78.4	7.99	82.5	8.68	86.7	9.58	89.1	10.15	93.3	11.03
	110	83.3	7.39	89.9	8.61	94.7	9.45	99.4	10.34	102.2	10.97	107.0	11.93
	106	86.7	7.16	93.6	8.34	98.6	9.16	103.5	10.02	106.5	10.63	111.4	11.57
	103	89.2	6.99	96.3	8.14	101.4	8.93	106.5	9.78	109.5	10.37	114.6	11.28
	99	92.2	6.76	99.6	7.87	104.8	8.64	110.1	9.46	113.2	10.03	118.5	10.91
	95	95.0	6.53	102.6	7.61	108.0	8.35	113.4	9.14	116.6	9.69	122.0	10.55
	93	95.0	6.29	102.6	7.33	108.0	8.04	113.4	8.80	116.6	9.33	122.0	10.15
	91	95.0	6.07	102.6	7.06	108.0	7.75	113.4	8.47	116.6	8.99	122.0	9.77
	87	95.0	5.65	102.6	6.57	108.0	7.21	113.4	7.88	116.6	8.35	122.0	9.08
	82	95.0	5.17	102.6	6.01	108.0	6.59	113.4	7.20	116.6	7.63	122.0	8.29
	75	95.0	4.59	102.6	5.32	108.0	5.83	113.4	6.37	116.6	6.75	122.0	7.33
	72	95.0	4.35	102.6	5.05	108.0	5.53	113.4	6.04	116.6	6.40	122.0	6.95
	70	95.0	4.21	102.6	4.88	108.0	5.34	113.4	5.84	116.6	6.18	122.0	6.71
	68	95.0	4.07	102.6	4.71	108.0	5.16	113.4	5.64	116.6	5.97	122.0	6.48
	65	95.0	3.96	102.6	4.59	108.0	5.03	113.4	5.49	116.6	5.81	122.0	6.31
	62	95.0	3.88	102.6	4.49	108.0	4.92	113.4	5.37	116.6	5.68	122.0	6.17
	58	95.0	3.77	102.6	4.37	108.0	4.78	113.4	5.22	116.6	5.53	122.0	6.00
	54	95.0	3.69	102.6	4.27	108.0	4.67	113.4	5.10	116.6	5.40	122.0	5.86
	50	95.0	3.60	102.6	4.17	108.0	4.56	113.4	4.98	116.6	5.27	122.0	5.72
	40	95.0	3.50	102.6	4.06	108.0	4.44	113.4	4.84	116.6	5.12	122.0	5.56
	30	95.0	3.42	102.6	3.96	108.0	4.33	113.4	4.72	116.6	5.00	122.0	5.42
	23	95.0	3.36	102.6	3.89	108.0	4.26	113.4	4.64	116.6	4.92	122.0	5.33
	15	95.0	3.30	102.6	3.82	108.0	4.18	113.4	4.56	116.6	4.83	122.0	5.24
	5	95.0	3.24	102.6	3.75	108.0	4.11	113.4	4.48	116.6	4.74	122.0	5.14
80	125	45.3	4.80	48.9	5.54	51.5	6.04	54.0	6.58	55.6	6.96	58.1	7.53
	122	50.4	5.07	54.4	5.85	57.3	6.40	60.2	6.97	61.9	7.38	64.8	8.00
	118	58.0	5.49	62.6	6.37	65.9	6.97	69.2	7.61	71.2	8.05	74.5	8.74
	115	64.6	5.88	69.7	6.84	73.4	7.42	77.0	8.19	79.2	8.68	82.9	9.43
	110	74.0	6.32	79.9	7.36	84.1	8.08	88.4	8.84	90.9	9.38	95.1	10.20
	106	77.1	6.12	83.2	7.13	87.6	7.83	92.0	8.57	94.6	9.09	99.0	9.89
	103	79.3	5.97	85.6	6.96	90.1	7.64	94.6	8.36	97.4	8.87	101.9	9.65
	99	82.0	5.78	88.5	6.73	93.2	7.39	97.8	8.09	100.6	8.58	105.3	9.33
	95	84.5	5.58	91.2	6.50	96.0	7.14	100.8	7.81	103.7	8.29	108.5	9.02
	93	84.5	5.38	91.2	6.26	96.0	6.87	100.8	7.52	103.7	7.98	108.5	8.68
	91	84.5	5.19	91.2	6.04	96.0	6.62	100.8	7.24	103.7	7.68	108.5	8.35
	87	84.5	4.83	91.2	5.62	96.0	6.16	100.8	6.74	103.7	7.14	108.5	7.76
	82	84.5	4.42	91.2	5.14	96.0	5.63	100.8	6.16	103.7	6.52	108.5	7.09
	75	84.5	3.92	91.2	4.55	96.0	4.99	100.8	5.45	103.7	5.77	108.5	6.27
	72	84.5	3.72	91.2	4.32	96.0	4.73	100.8	5.16	103.7	5.47	108.5	5.94
	70	84.5	3.60	91.2	4.17	96.0	4.57	100.8	4.99	103.7	5.29	108.5	5.74
	68	84.5	3.48	91.2	4.03	96.0	4.41	100.8	4.82	103.7	5.10	108.5	5.54
	65	84.5	3.39	91.2	3.93	96.0	4.30	100.8	4.69	103.7	4.97	108.5	5.39
	62	84.5	3.31	91.2	3.84	96.0	4.20	100.8	4.59	103.7	4.86	108.5	5.27
	58	84.5	3.22	91.2	3.74	96.0	4.09	100.8	4.46	103.7	4.73	108.5	5.13
	54	84.5	3.15	91.2	3.65	96.0	4.00	100.8	4.36	103.7	4.62	108.5	5.01
	50	84.5	3.08	91.2	3.57	96.0	3.90	100.8	4.26	103.7	4.51	108.5	4.89
	40	84.5	2.99	91.2	3.47	96.0	3.79	100.8	4.14	103.7	4.38	108.5	4.75
	30	84.5	2.92	91.2	3.38	96.0	3.70	100.8	4.04	103.7	4.27	108.5	4.64
	23	84.5	2.88	91.2	3.33	96.0	3.64	100.8	3.97	103.7	4.20	108.5	4.56
	15	84.5	2.82	91.2	3.27	96.0	3.57	100.8	3.90	103.7	4.13	108.5	4.48
	5	84.5	2.77	91.2	3.21	96.0	3.51	100.8	3.83	103.7	4.05	108.5	4.40
70	125	39.6	4.05	42.8	4.67	45.0	5.10	47.3	5.55	48.6	5.86	50.9	6.35
	122	44.1	4.27	47.6	4.93	50.1	5.39	52.7	5.88	54.2	6.22	56.7	6.74
	118	50.8	4.63	54.8	5.37	57.7	5.87	60.6	6.41	62.3	6.79	65.2	7.37
	115	56.5	4.96	61.0	5.76	64.2	6.25	67.4	6.90	69.3	7.31	72.5	7.95
	110	64.8	5.33	69.9	6.20	73.6	6.81	77.3	7.45	79.5	7.90	83.2	8.60
	106	67.5	5.16	72.8	6.01	76.7	6.60	80.5	7.22	82.8	7.66	86.6	8.33
	103	69.4	5.04	74.9	5.87	78.9	6.44	82.8	7.05	85.2	7.47	89.1	8.13
	99	71.7	4.87	77.5	5.67	81.5	6.23	85.6	6.81	88.1	7.23	92.1	7.86
	95	73.9	4.71	79.8	5.48	84.0	6.02	88.2	6.58	90.7	6.98	94.9	7.60
	93	73.9	4.53	79.8	5.28	84.0	5.79	88.2	6.34	90.7	6.72	94.9	7.31
	91	73.9	4.37	79.8	5.09	84.0	5.58	88.2	6.11	90.7	6.48	94.9	7.04
	87	73.9	4.07	79.8	4.73	84.0	5.19	88.2	5.68	90.7	6.02	94.9	6.54
	82	73.9	3.73	79.8	4.33	84.0	4.75	88.2	5.19	90.7	5.50	94.9	5.98
	75	73.9	3.31	79.8	3.84	84.0	4.20	88.2	4.59	90.7	4.86	94.9	5.28
	72	73.9	3.14	79.8	3.64	84.0	3.99	88.2	4.35	90.7	4.61	94.9	5.01
	70	73.9	3.03	79.8	3.52	84.0	3.85	88.2	4.21	90.7	4.45	94.9	4.84
	68	73.9	2.93	79.8	3.40	84.0	3.72	88.2	4.06	90.7	4.30	94.9	4.67
	65	73.9	2.85	79.8	3.31	84.0	3.62	88.2	3.96	90.7	4.19	94.9	4.55
	62	73.9	2.79	79.8	3.24	84.0	3.54	88.2	3.87	90.7	4.10	94.9	4.44
	58	73.9	2.72	79.8	3.15	84.0	3.45	88.2	3.76	90.7	3.98	94.9	4.32
	54	73.9	2.66	79.8	3.08	84.0	3.37	88.2	3.68	90.7	3.89	94.9	4.22
	50	73.9	2.60	79.8	3.01	84.0	3.29	88.2	3.59	90.7	3.80	94.9	4.12
	40	73.9	2.52	79.8	2.92	84.0	3.20	88.2	3.49	90.7	3.69	94.9	4.00
	30	73.9	2.46	79.8	2.85	84.0	3.12	88.2	3.40	90.7	3.60	94.9	3.91
	23	73.9	2.42	79.8	2.81	84.0	3.07	88.2	3.35	90.7	3.54	94.9	3.84
	15	73.9	2.38	79.8	2.75	84.0	3.01	88.2	3.29	90.7	3.48	94.9	3.77
	5	73.9	2.34	79.8	2.71	84.0	2.96	88.2	3.23	90.7	3.42	94.9	3.70

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-MUP1441FT6P-UL/MMY-MUP1441FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	67.9	8.60	73.3	9.77	77.2	10.56	81.0	11.40	83.3	11.98	87.2	12.87
	122	75.6	8.99	81.7	10.22	86.0	11.07	90.3	11.96	92.8	12.58	97.1	13.52
	118	87.0	9.61	93.9	10.96	98.9	11.89	103.8	12.86	106.8	13.54	111.7	14.58
	115	96.8	10.18	104.5	11.63	110.0	12.53	115.5	13.68	118.8	14.42	124.3	15.54
	110	111.1	10.78	119.9	12.35	126.2	13.43	132.5	14.57	136.3	15.37	142.6	16.58
	106	115.6	10.45	124.9	11.97	131.4	13.02	138.0	14.12	141.9	14.89	148.5	16.07
	103	119.0	10.19	128.5	11.68	135.2	12.70	142.0	13.78	146.0	14.53	152.8	15.68
	99	123.0	9.86	132.8	11.30	139.8	12.29	146.8	13.33	150.9	14.05	157.9	15.16
	95	126.7	9.52	136.8	10.91	144.0	11.87	151.2	12.88	155.5	13.58	162.7	14.65
	93	126.7	9.20	136.8	10.54	144.0	11.46	151.2	12.42	155.5	13.10	162.7	14.13
	91	126.7	8.89	136.8	10.18	144.0	11.06	151.2	12.00	155.5	12.65	162.7	13.64
	87	126.7	8.31	136.8	9.51	144.0	10.33	151.2	11.20	155.5	11.80	162.7	12.73
	82	126.7	7.64	136.8	8.74	144.0	9.49	151.2	10.28	155.5	10.83	162.7	11.68
	75	126.7	6.81	136.8	7.78	144.0	8.45	151.2	9.14	155.5	9.63	162.7	10.37
	72	126.7	6.48	136.8	7.40	144.0	8.03	151.2	8.69	155.5	9.15	162.7	9.85
	70	126.7	6.27	136.8	7.15	144.0	7.76	151.2	8.40	155.5	8.85	162.7	9.53
	68	126.7	6.06	136.8	6.92	144.0	7.51	151.2	8.12	155.5	8.56	162.7	9.21
	65	126.7	5.92	136.8	6.75	144.0	7.32	151.2	7.92	155.5	8.34	162.7	8.98
	62	126.7	5.79	136.8	6.61	144.0	7.17	151.2	7.76	155.5	8.17	162.7	8.79
	58	126.7	5.65	136.8	6.44	144.0	6.98	151.2	7.56	155.5	7.95	162.7	8.56
	54	126.7	5.53	136.8	6.30	144.0	6.84	151.2	7.39	155.5	7.78	162.7	8.38
	50	126.7	5.41	136.8	6.16	144.0	6.68	151.2	7.22	155.5	7.60	162.7	8.18
	40	126.7	5.27	136.8	6.00	144.0	6.51	151.2	7.03	155.5	7.40	162.7	7.97
	30	126.7	5.15	136.8	5.86	144.0	6.36	151.2	6.87	155.5	7.23	162.7	7.78
	23	126.7	5.07	136.8	5.77	144.0	6.25	151.2	6.76	155.5	7.11	162.7	7.65
	15	126.7	4.97	136.8	5.67	144.0	6.14	151.2	6.64	155.5	6.99	162.7	7.52
	5	126.7	4.89	136.8	5.57	144.0	6.03	151.2	6.52	155.5	6.86	162.7	7.38
110	125	69.3	8.69	74.8	9.87	78.7	10.67	82.7	11.52	85.0	12.11	89.0	13.00
	122	77.2	9.08	83.3	10.33	87.7	11.18	92.1	12.08	94.7	12.71	99.1	13.66
	118	88.7	9.71	95.8	11.07	100.9	12.01	105.9	12.99	108.9	13.68	114.0	14.73
	115	98.8	10.28	106.6	11.75	112.2	12.66	117.9	13.82	121.2	14.56	126.8	15.69
	110	113.3	10.89	122.3	12.48	128.7	13.57	135.2	14.72	139.0	15.52	145.5	16.75
	106	118.0	10.55	127.4	12.10	134.1	13.15	140.8	14.27	144.8	15.05	151.5	16.24
	103	121.3	10.30	131.0	11.80	137.9	12.83	144.8	13.92	148.9	14.68	155.8	15.84
	99	125.4	9.96	135.4	11.41	142.6	12.41	149.7	13.46	154.0	14.20	161.1	15.32
	95	129.2	9.62	139.5	11.03	146.9	11.99	154.2	13.01	158.6	13.72	166.0	14.80
	93	129.2	9.29	139.5	10.64	146.9	11.57	154.2	12.55	158.6	13.23	166.0	14.28
	91	129.2	8.98	139.5	10.28	146.9	11.18	154.2	12.12	158.6	12.78	166.0	13.78
	87	129.2	8.40	139.5	9.61	146.9	10.44	154.2	11.31	158.6	11.92	166.0	12.86
	82	129.2	7.72	139.5	8.83	146.9	9.59	154.2	10.39	158.6	10.94	166.0	11.79
	75	129.2	6.88	139.5	7.86	146.9	8.53	154.2	9.24	158.6	9.73	166.0	10.48
	72	129.2	6.54	139.5	7.47	146.9	8.11	154.2	8.78	158.6	9.24	166.0	9.95
	70	129.2	6.33	139.5	7.23	146.9	7.84	154.2	8.49	158.6	8.94	166.0	9.63
	68	129.2	6.12	139.5	6.99	146.9	7.58	154.2	8.21	158.6	8.64	166.0	9.31
	65	129.2	5.98	139.5	6.82	146.9	7.40	154.2	8.00	158.6	8.43	166.0	9.07
	62	129.2	5.85	139.5	6.68	146.9	7.24	154.2	7.84	158.6	8.25	166.0	8.88
	58	129.2	5.71	139.5	6.51	146.9	7.06	154.2	7.63	158.6	8.04	166.0	8.65
	54	129.2	5.59	139.5	6.37	146.9	6.90	154.2	7.47	158.6	7.86	166.0	8.46
	50	129.2	5.46	139.5	6.22	146.9	6.75	154.2	7.30	158.6	7.68	166.0	8.27
	40	129.2	5.32	139.5	6.06	146.9	6.57	154.2	7.11	158.6	7.48	166.0	8.05
	30	129.2	5.20	139.5	5.92	146.9	6.42	154.2	6.94	158.6	7.31	166.0	7.86
	23	129.2	5.12	139.5	5.83	146.9	6.32	154.2	6.83	158.6	7.19	166.0	7.73
	15	129.2	5.03	139.5	5.72	146.9	6.20	154.2	6.71	158.6	7.06	166.0	7.59
	5	129.2	4.94	139.5	5.62	146.9	6.09	154.2	6.59	158.6	6.93	166.0	7.46
120	125	71.3	8.86	77.0	10.06	81.0	10.88	85.1	11.74	87.5	12.34	91.6	13.26
	122	79.4	9.26	85.8	10.53	90.3	11.40	94.8	12.32	97.5	12.96	102.0	13.93
	118	91.3	9.90	98.6	11.29	103.8	12.25	109.0	13.25	112.1	13.95	117.3	15.01
	115	101.7	10.48	109.8	11.98	115.5	12.91	121.3	14.10	124.8	14.85	130.6	16.00
	110	116.6	11.10	125.9	12.72	132.5	13.84	139.2	15.01	143.1	15.83	149.7	17.08
	106	121.4	10.76	131.1	12.33	138.0	13.41	144.9	14.55	149.0	15.34	155.9	16.55
	103	124.9	10.50	134.9	12.03	142.0	13.08	149.1	14.19	153.3	14.97	160.4	16.15
	99	129.1	10.15	139.4	11.64	146.8	12.66	154.1	13.73	158.5	14.48	165.8	15.62
	95	133.0	9.81	143.6	11.24	151.2	12.23	158.8	13.26	163.3	13.99	170.8	15.09
	93	133.0	9.47	143.6	10.85	151.2	11.80	158.8	12.80	163.3	13.49	170.8	14.56
	91	133.0	9.16	143.6	10.48	151.2	11.40	158.8	12.36	163.3	13.03	170.8	14.05
	87	133.0	8.56	143.6	9.80	151.2	10.64	158.8	11.54	163.3	12.16	170.8	13.11
	82	133.0	7.87	143.6	9.00	151.2	9.78	158.8	10.59	163.3	11.16	170.8	12.03
	75	133.0	7.02	143.6	8.01	151.2	8.70	158.8	9.42	163.3	9.92	170.8	10.69
	72	133.0	6.67	143.6	7.62	151.2	8.27	158.8	8.95	163.3	9.42	170.8	10.15
	70	133.0	6.46	143.6	7.37	151.2	8.00	158.8	8.66	163.3	9.11	170.8	9.81
	68	133.0	6.25	143.6	7.13	151.2	7.73	158.8	8.37	163.3	8.81	170.8	9.49
	65	133.0	6.09	143.6	6.95	151.2	7.54	158.8	8.16	163.3	8.59	170.8	9.25
	62	133.0	5.97	143.6	6.81	151.2	7.38	158.8	7.99	163.3	8.41	170.8	9.05
	58	133.0	5.82	143.6	6.63	151.2	7.19	158.8	7.78	163.3	8.19	170.8	8.82
	54	133.0	5.70	143.6	6.49	151.2	7.04	158.8	7.62	163.3	8.02	170.8	8.63
	50	133.0	5.57	143.6	6.35	151.2	6.88	158.8	7.44	163.3	7.83	170.8	8.43
	40	133.0	5.43	143.6	6.18	151.2	6.70	158.8	7.25	163.3	7.63	170.8	8.20
	30	133.0	5.30	143.6	6.04	151.2	6.55	158.8	7.08	163.3	7.45	170.8	8.01
	23	133.0	5.22	143.6	5.94	151.2	6.44	158.8	6.96	163.3	7.33	170.8	7.88
	15	133.0	5.12	143.6	5.84	151.2	6.33	158.8	6.84	163.3	7.20	170.8	7.74
	5	133.0	5.03	143.6	5.73	151.2	6.21	158.8	6.72	163.3	7.07	170.8	7.60
130	125	73.0	8.99	78.8	10.20	83.0	11.04	87.1	11.91	89.6	12.52	92.9	13.32
	122	81.3	9.39	87.8	10.68	92.4	11.57	97.0	12.50	99.8	13.14	103.4	14.00
	118	93.5	10.04	101.0	11.45	106.3	12.42	111.6	13.44	114.8	14.15	119.0	15.09
	115	104.1	10.63	112.4	12.15	118.3	13.09	124.2	14.30	127.7	15.06	132.4	16.08
	110	119.4	11.26	128.9	12.90	135.7	14.03	142.5	15.22	146.5	16.05	151.9	17.16
	106	124.3	10.91	134.2	12.51	141.3	13.60	148.4	14.76	152.6	15.56	158.2	16.63
	103	127.9	10.65	138.1	12.20	145.4	13.27	152.6	14.39	157.0	15.18	162.7	16.23
	99	132.2	10.30	142.7	11.80	150.3	12.84	157.8	13.92	162.3	14.68	168.2	15.69
	95	136.2	9.95	147.1	11.40	154.8	12.40	162.5	13.45	167.2	14.18	173.3	15.16
	93	136.2	9.61	147.1	11.01	154.8	11.97	162.5	12.98	167.2	13.68	173.3	14.63
	91	136.2	9.29	147.1	10.63	154.8	11.56	162.5	12.53	167.2	13.21	173.3	14.12
	87	136.2	8.68	147.1	9.94	154.8	10.79	162.5	11.70	167.2	12.33	173.3	13.17
	82	136.2	7.99	147.1	9.13	154.8	9.92	162.5	10.74	167.2	11.32	173.3	12.08
	75	136.2	7.12	147.1	8.13	154.8	8.82	162.5	9.55	167.2	10.06	173.3	10.74
	72	136.2	6.77	147.1	7.73	154.8	8.38	162.5	9.08	167.2	9.56	173.3	10.20
	70	136.2	6.55	147.1	7.47	154.8	8.11	162.5	8.78	167.2	9.24	173.3	9.86
	68	136.2	6.33	147.1	7.23	154.8	7.84	162.5	8.49	167.2	8.94	173.3	9.53
	65	136.2	6.18	147.1	7.05	154.8	7.65	162.5	8.28	167.2	8.71	173.3	9.29
	62	136.2	6.05	147.1	6.90	154.8	7.49	162.5	8.10	167.2	8.53	173.3	9.10
	58	136.2	5.90	147.1	6.73	154.8	7.30	162.5	7.89	167.2	8.31	173.3	8.86
	54	136.2	5.78	147.1	6.59	154.8	7.14	162.5	7.72	167.2	8.13	173.3	8.67
	50	136.2	5.65	147.1	6.44	154.8	6.98	162.5	7.55	167.2	7.94	173.3	8.47
	40	136.2	5.50	147.1	6.27	154.8	6.80	162.5	7.35	167.2	7.73	173.3	8.24
	30	136.2	5.38	147.1	6.13	154.8	6.64	162.5	7.18	167.2	7.55	173.3	8.05
	23	136.2	5.29	147.1	6.03	154.8	6.53	162.5	7.06	167.2	7.43	173.3	7.92
	15	136.2	5.20	147.1	5.92	154.8	6.42	162.5	6.94	167.2	7.30	173.3	7.78
	5	136.2	5.10	147.1	5.81	154.8	6.30	162.5	6.81	167.2	7.17	173.3	7.64

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	61.1	7.44	66.0	8.44	69.5	9.13	72.9	9.86	75.0	10.36	78.5	11.12
	122	68.1	7.77	73.5	8.84	77.4	9.57	81.2	10.34	83.6	10.87	87.4	11.69
	118	78.3	8.31	84.5	9.47	89.0	10.28	93.4	11.12	96.1	11.70	100.5	12.60
	115	87.1	8.80	94.1	10.05	99.0	10.83	104.0	11.83	107.0	12.46	111.9	13.43
	110	99.9	9.32	107.9	10.68	113.6	11.61	119.3	12.59	122.7	13.28	128.3	14.33
	106	104.1	9.03	112.4	10.35	118.3	11.25	124.2	12.21	127.7	12.87	133.7	13.89
	103	107.1	8.81	115.6	10.10	121.7	10.98	127.8	11.91	131.4	12.56	137.5	13.55
	99	110.7	8.52	119.5	9.77	125.8	10.62	132.1	11.52	135.8	12.15	142.1	13.11
	95	114.0	8.23	123.1	9.43	129.6	10.26	136.1	11.13	140.0	11.74	146.4	12.66
	93	114.0	7.95	123.1	9.11	129.6	9.90	136.1	10.74	140.0	11.32	146.4	12.21
	91	114.0	7.68	123.1	8.80	129.6	9.56	136.1	10.37	140.0	10.93	146.4	11.79
	87	114.0	7.18	123.1	8.22	129.6	8.93	136.1	9.68	140.0	10.20	146.4	11.00
	82	114.0	6.61	123.1	7.55	129.6	8.20	136.1	8.89	140.0	9.36	146.4	10.09
	75	114.0	5.89	123.1	6.73	129.6	7.30	136.1	7.90	140.0	8.32	146.4	8.97
	72	114.0	5.60	123.1	6.39	129.6	6.94	136.1	7.51	140.0	7.91	146.4	8.52
	70	114.0	5.42	123.1	6.18	129.6	6.71	136.1	7.26	140.0	7.65	146.4	8.24
	68	114.0	5.24	123.1	5.98	129.6	6.49	136.1	7.02	140.0	7.39	146.4	7.96
	65	114.0	5.11	123.1	5.83	129.6	6.33	136.1	6.85	140.0	7.21	146.4	7.76
	62	114.0	5.01	123.1	5.71	129.6	6.20	136.1	6.70	140.0	7.06	146.4	7.60
	58	114.0	4.88	123.1	5.57	129.6	6.04	136.1	6.53	140.0	6.87	146.4	7.40
	54	114.0	4.78	123.1	5.45	129.6	5.91	136.1	6.39	140.0	6.73	146.4	7.24
	50	114.0	4.67	123.1	5.33	129.6	5.77	136.1	6.24	140.0	6.57	146.4	7.07
	40	114.0	4.55	123.1	5.19	129.6	5.62	136.1	6.08	140.0	6.40	146.4	6.88
	30	114.0	4.45	123.1	5.07	129.6	5.49	136.1	5.94	140.0	6.25	146.4	6.72
	23	114.0	4.38	123.1	4.99	129.6	5.41	136.1	5.84	140.0	6.15	146.4	6.62
	15	114.0	4.30	123.1	4.90	129.6	5.31	136.1	5.74	140.0	6.04	146.4	6.50
	5	114.0	4.22	123.1	4.81	129.6	5.21	136.1	5.64	140.0	5.93	146.4	6.38
80	125	54.3	6.36	58.7	7.22	61.7	7.81	64.8	8.43	66.7	8.86	69.8	9.51
	122	60.5	6.64	65.3	7.56	68.8	8.18	72.2	8.84	74.3	9.30	77.7	9.99
	118	69.6	7.10	75.1	8.10	79.1	8.79	83.1	9.51	85.4	10.01	89.4	10.77
	115	77.5	7.52	83.6	8.60	88.0	9.26	92.4	10.11	95.1	10.65	99.5	11.48
	110	88.8	7.96	95.9	9.13	101.0	9.93	106.0	10.77	109.0	11.35	114.1	12.25
	106	92.5	7.72	99.9	8.85	105.1	9.62	110.4	10.44	113.5	11.01	118.8	11.88
	103	95.2	7.53	102.8	8.63	108.2	9.39	113.6	10.18	116.8	10.74	122.2	11.59
	99	98.4	7.28	106.2	8.35	111.8	9.08	117.4	9.85	120.7	10.39	126.3	11.21
	95	101.4	7.04	109.4	8.07	115.2	8.77	121.0	9.52	124.4	10.03	130.2	10.83
	93	101.4	6.80	109.4	7.79	115.2	8.47	121.0	9.18	124.4	9.68	130.2	10.44
	91	101.4	6.57	109.4	7.52	115.2	8.18	121.0	8.86	124.4	9.34	130.2	10.08
	87	101.4	6.14	109.4	7.03	115.2	7.64	121.0	8.28	124.4	8.72	130.2	9.40
	82	101.4	5.65	109.4	6.46	115.2	7.01	121.0	7.60	124.4	8.01	130.2	8.63
	75	101.4	5.03	109.4	5.75	115.2	6.24	121.0	6.76	124.4	7.12	130.2	7.67
	72	101.4	4.79	109.4	5.46	115.2	5.93	121.0	6.42	124.4	6.76	130.2	7.28
	70	101.4	4.63	109.4	5.29	115.2	5.74	121.0	6.21	124.4	6.54	130.2	7.04
	68	101.4	4.48	109.4	5.11	115.2	5.55	121.0	6.00	124.4	6.32	130.2	6.81
	65	101.4	4.37	109.4	4.99	115.2	5.41	121.0	5.85	124.4	6.16	130.2	6.64
	62	101.4	4.28	109.4	4.88	115.2	5.30	121.0	5.73	124.4	6.03	130.2	6.50
	58	101.4	4.17	109.4	4.76	115.2	5.16	121.0	5.58	124.4	5.88	130.2	6.33
	54	101.4	4.09	109.4	4.66	115.2	5.05	121.0	5.46	124.4	5.75	130.2	6.19
	50	101.4	3.99	109.4	4.55	115.2	4.94	121.0	5.34	124.4	5.62	130.2	6.05
	40	101.4	3.89	109.4	4.44	115.2	4.81	121.0	5.20	124.4	5.47	130.2	5.89
	30	101.4	3.80	109.4	4.33	115.2	4.70	121.0	5.08	124.4	5.34	130.2	5.75
	23	101.4	3.74	109.4	4.26	115.2	4.62	121.0	5.00	124.4	5.26	130.2	5.66
	15	101.4	3.68	109.4	4.19	115.2	4.54	121.0	4.91	124.4	5.16	130.2	5.55
	5	101.4	3.61	109.4	4.11	115.2	4.46	121.0	4.82	124.4	5.07	130.2	5.45
70	125	47.5	5.36	51.3	6.08	54.0	6.58	56.7	7.10	58.3	7.46	61.0	8.02
	122	52.9	5.60	57.2	6.37	60.2	6.90	63.2	7.45	65.0	7.84	68.0	8.42
	118	60.9	5.99	65.8	6.83	69.2	7.40	72.7	8.01	74.7	8.43	78.2	9.08
	115	67.8	6.34	73.2	7.25	77.0	7.81	80.9	8.52	83.2	8.98	87.0	9.68
	110	77.7	6.71	83.9	7.69	88.4	8.37	92.8	9.08	95.4	9.57	99.8	10.33
	106	81.0	6.51	87.4	7.46	92.0	8.11	96.6	8.80	99.4	9.28	104.0	10.01
	103	83.3	6.35	89.9	7.28	94.6	7.91	99.4	8.58	102.2	9.05	106.9	9.76
	99	86.1	6.14	92.9	7.04	97.8	7.65	102.7	8.30	105.7	8.75	110.5	9.45
	95	88.7	5.93	95.8	6.80	100.8	7.39	105.8	8.02	108.9	8.46	113.9	9.13
	93	88.7	5.73	95.8	6.56	100.8	7.14	105.8	7.74	108.9	8.16	113.9	8.80
	91	88.7	5.54	95.8	6.34	100.8	6.89	105.8	7.47	108.9	7.88	113.9	8.50
	87	88.7	5.18	95.8	5.92	100.8	6.44	105.8	6.98	108.9	7.35	113.9	7.93
	82	88.7	4.76	95.8	5.44	100.8	5.91	105.8	6.40	108.9	6.75	113.9	7.27
	75	88.7	4.24	95.8	4.85	100.8	5.26	105.8	5.70	108.9	6.00	113.9	6.46
	72	88.7	4.03	95.8	4.61	100.8	5.00	105.8	5.41	108.9	5.70	113.9	6.14
	70	88.7	3.90	95.8	4.46	100.8	4.83	105.8	5.23	108.9	5.51	113.9	5.93
	68	88.7	3.78	95.8	4.31	100.8	4.68	105.8	5.06	108.9	5.33	113.9	5.74
	65	88.7	3.68	95.8	4.20	100.8	4.56	105.8	4.93	108.9	5.20	113.9	5.59
	62	88.7	3.61	95.8	4.12	100.8	4.46	105.8	4.83	108.9	5.09	113.9	5.48
	58	88.7	3.52	95.8	4.01	100.8	4.35	105.8	4.71	108.9	4.95	113.9	5.33
	54	88.7	3.44	95.8	3.93	100.8	4.26	105.8	4.61	108.9	4.85	113.9	5.22
	50	88.7	3.37	95.8	3.84	100.8	4.16	105.8	4.50	108.9	4.74	113.9	5.10
	40	88.7	3.28	95.8	3.74	100.8	4.05	105.8	4.38	108.9	4.61	113.9	4.96
	30	88.7	3.21	95.8	3.65	100.8	3.96	105.8	4.28	108.9	4.50	113.9	4.85
	23	88.7	3.16	95.8	3.59	100.8	3.90	105.8	4.21	108.9	4.43	113.9	4.77
	15	88.7	3.10	95.8	3.53	100.8	3.83	105.8	4.14	108.9	4.35	113.9	4.68
	5	88.7	3.04	95.8	3.47	100.8	3.76	105.8	4.06	108.9	4.27	113.9	4.60

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-MUP1681FT6P-UL/MMY-MUP1681FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	79.2	11.08	85.5	12.49	90.1	13.46	94.6	14.48	97.2	15.17	101.7	16.24
	122	88.2	11.53	95.3	13.03	100.3	14.05	105.3	15.12	108.3	15.86	113.3	16.98
	118	101.5	12.25	109.6	13.88	115.4	14.99	121.1	16.15	124.6	16.95	130.3	18.18
	115	113.0	12.91	122.0	14.65	128.4	15.74	134.8	17.08	138.6	17.94	145.0	19.26
	110	129.5	13.59	139.9	15.45	147.3	16.73	154.6	18.07	159.0	18.99	166.4	20.40
	106	134.9	13.17	145.7	14.98	153.3	16.22	161.0	17.51	165.6	18.41	173.2	19.78
	103	138.8	12.85	149.9	14.61	157.7	15.82	165.6	17.08	170.3	17.96	178.2	19.29
	99	143.5	12.43	154.9	14.13	163.1	15.30	171.2	16.52	176.1	17.37	184.2	18.66
	95	147.8	12.00	159.6	13.65	168.0	14.78	176.4	15.96	181.4	16.78	189.8	18.03
	93	147.8	11.61	159.6	13.20	168.0	14.28	176.4	15.42	181.4	16.21	189.8	17.41
	91	147.8	11.23	159.6	12.76	168.0	13.81	176.4	14.91	181.4	15.67	189.8	16.82
	87	147.8	10.52	159.6	11.95	168.0	12.92	176.4	13.94	181.4	14.65	189.8	15.73
	82	147.8	9.69	159.6	11.00	168.0	11.90	176.4	12.83	181.4	13.48	189.8	14.47
	75	147.8	8.66	159.6	9.82	168.0	10.61	176.4	11.44	181.4	12.01	189.8	12.89
	72	147.8	8.24	159.6	9.34	168.0	10.09	176.4	10.88	181.4	11.42	189.8	12.25
	70	147.8	7.98	159.6	9.04	168.0	9.77	176.4	10.53	181.4	11.05	189.8	11.86
	68	147.8	7.72	159.6	8.75	168.0	9.45	176.4	10.19	181.4	10.69	189.8	11.47
	65	147.8	7.54	159.6	8.54	168.0	9.22	176.4	9.94	181.4	10.43	189.8	11.19
	62	147.8	7.39	159.6	8.37	168.0	9.04	176.4	9.74	181.4	10.22	189.8	10.96
	58	147.8	7.20	159.6	8.16	168.0	8.81	176.4	9.49	181.4	9.96	189.8	10.68
	54	147.8	7.06	159.6	7.99	168.0	8.63	176.4	9.29	181.4	9.75	189.8	10.46
	50	147.8	6.90	159.6	7.81	168.0	8.43	176.4	9.09	181.4	9.54	189.8	10.22
	40	147.8	6.73	159.6	7.62	168.0	8.22	176.4	8.86	181.4	9.29	189.8	9.96
	30	147.8	6.58	159.6	7.45	168.0	8.04	176.4	8.66	181.4	9.08	189.8	9.73
	23	147.8	6.48	159.6	7.33	168.0	7.91	176.4	8.52	181.4	8.94	189.8	9.58
	15	147.8	6.36	159.6	7.20	168.0	7.77	176.4	8.36	181.4	8.78	189.8	9.40
	5	147.8	6.25	159.6	7.07	168.0	7.63	176.4	8.22	181.4	8.62	189.8	9.24
110	125	80.8	11.19	87.3	12.62	91.9	13.60	96.4	14.62	99.2	15.33	103.8	16.40
	122	90.0	11.65	97.2	13.16	102.3	14.19	107.4	15.27	110.5	16.02	115.6	17.16
	118	103.5	12.38	111.8	14.02	117.7	15.14	123.5	16.31	127.0	17.13	132.9	18.36
	115	115.2	13.04	124.4	14.80	131.0	15.90	137.5	17.26	141.4	18.13	147.9	19.45
	110	132.1	13.73	142.7	15.61	150.2	16.90	157.7	18.25	162.2	19.18	169.7	20.61
	106	137.6	13.30	148.6	15.13	156.4	16.38	164.2	17.69	168.9	18.60	176.7	19.98
	103	141.6	12.98	152.9	14.76	160.9	15.98	168.9	17.26	173.7	18.14	181.8	19.49
	99	146.3	12.55	158.0	14.28	166.3	15.46	174.6	16.69	179.6	17.55	187.9	18.85
	95	150.8	12.13	162.8	13.79	171.4	14.93	179.9	16.13	185.0	16.95	193.6	18.21
	93	150.8	11.73	162.8	13.33	171.4	14.43	179.9	15.58	185.0	16.37	193.6	17.59
	91	150.8	11.34	162.8	12.89	171.4	13.95	179.9	15.06	185.0	15.83	193.6	17.00
	87	150.8	10.63	162.8	12.07	171.4	13.05	179.9	14.09	185.0	14.80	193.6	15.89
	82	150.8	9.79	162.8	11.11	171.4	12.02	179.9	12.96	185.0	13.62	193.6	14.61
	75	150.8	8.75	162.8	9.92	171.4	10.72	179.9	11.56	185.0	12.14	193.6	13.02
	72	150.8	8.32	162.8	9.44	171.4	10.20	179.9	10.99	185.0	11.54	193.6	12.38
	70	150.8	8.06	162.8	9.13	171.4	9.87	179.9	10.64	185.0	11.17	193.6	11.98
	68	150.8	7.80	162.8	8.84	171.4	9.55	179.9	10.29	185.0	10.80	193.6	11.59
	65	150.8	7.61	162.8	8.63	171.4	9.32	179.9	10.04	185.0	10.54	193.6	11.30
	62	150.8	7.46	162.8	8.45	171.4	9.13	179.9	9.84	185.0	10.32	193.6	11.07
	58	150.8	7.28	162.8	8.24	171.4	8.90	179.9	9.59	185.0	10.06	193.6	10.79
	54	150.8	7.13	162.8	8.07	171.4	8.71	179.9	9.39	185.0	9.85	193.6	10.56
	50	150.8	6.97	162.8	7.89	171.4	8.52	179.9	9.18	185.0	9.63	193.6	10.33
	40	150.8	6.80	162.8	7.69	171.4	8.31	179.9	8.95	185.0	9.39	193.6	10.06
	30	150.8	6.65	162.8	7.52	171.4	8.12	179.9	8.74	185.0	9.17	193.6	9.83
	23	150.8	6.54	162.8	7.40	171.4	7.99	179.9	8.60	185.0	9.03	193.6	9.67
	15	150.8	6.43	162.8	7.27	171.4	7.85	179.9	8.45	185.0	8.87	193.6	9.50
	5	150.8	6.31	162.8	7.14	171.4	7.71	179.9	8.30	185.0	8.71	193.6	9.33
120	125	83.2	11.41	89.8	12.87	94.6	13.87	99.3	14.91	102.1	15.63	106.8	16.72
	122	92.6	11.87	100.0	13.42	105.3	14.47	110.6	15.57	113.7	16.33	119.0	17.49
	118	106.6	12.62	115.1	14.29	121.1	15.44	127.2	16.64	130.8	17.46	136.8	18.72
	115	118.6	13.30	128.1	15.09	134.8	16.21	141.5	17.60	145.6	18.48	152.3	19.84
	110	136.0	14.00	146.9	15.92	154.6	17.23	162.3	18.61	166.9	19.56	174.7	21.02
	106	141.6	13.57	153.0	15.43	161.0	16.70	169.1	18.04	173.9	18.96	181.9	20.37
	103	145.7	13.23	157.4	15.05	165.6	16.29	173.9	17.60	178.8	18.50	187.1	19.87
	99	150.6	12.80	162.7	14.56	171.2	15.76	179.8	17.02	184.9	17.89	193.4	19.22
	95	155.2	12.36	167.6	14.06	176.4	15.22	185.2	16.44	190.5	17.28	199.3	18.57
	93	155.2	11.96	167.6	13.59	176.4	14.71	185.2	15.88	190.5	16.70	199.3	17.93
	91	155.2	11.57	167.6	13.14	176.4	14.22	185.2	15.35	190.5	16.14	199.3	17.33
	87	155.2	10.83	167.6	12.30	176.4	13.31	185.2	14.36	190.5	15.09	199.3	16.20
	82	155.2	9.99	167.6	11.33	176.4	12.25	185.2	13.22	190.5	13.88	199.3	14.90
	75	155.2	8.92	167.6	10.11	176.4	10.93	185.2	11.78	190.5	12.38	199.3	13.28
	72	155.2	8.49	167.6	9.62	176.4	10.40	185.2	11.21	190.5	11.77	199.3	12.62
	70	155.2	8.22	167.6	9.31	176.4	10.06	185.2	10.84	190.5	11.39	199.3	12.21
	68	155.2	7.95	167.6	9.01	176.4	9.73	185.2	10.49	190.5	11.01	199.3	11.81
	65	155.2	7.76	167.6	8.79	176.4	9.50	185.2	10.24	190.5	10.75	199.3	11.53
	62	155.2	7.61	167.6	8.62	176.4	9.31	185.2	10.03	190.5	10.53	199.3	11.29
	58	155.2	7.42	167.6	8.40	176.4	9.07	185.2	9.78	190.5	10.26	199.3	11.00
	54	155.2	7.27	167.6	8.23	176.4	8.89	185.2	9.57	190.5	10.05	199.3	10.77
	50	155.2	7.11	167.6	8.05	176.4	8.69	185.2	9.36	190.5	9.82	199.3	10.53
	40	155.2	6.93	167.6	7.85	176.4	8.47	185.2	9.12	190.5	9.57	199.3	10.26
	30	155.2	6.78	167.6	7.67	176.4	8.28	185.2	8.92	190.5	9.35	199.3	10.02
	23	155.2	6.67	167.6	7.55	176.4	8.15	185.2	8.77	190.5	9.20	199.3	9.86
	15	155.2	6.55	167.6	7.41	176.4	8.00	185.2	8.62	190.5	9.04	199.3	9.69
	5	155.2	6.44	167.6	7.28	176.4	7.86	185.2	8.46	190.5	8.88	199.3	9.51
130	125	85.2	11.57	92.0	13.05	96.8	14.06	101.6	15.12	104.5	15.85	108.3	16.80
	122	94.9	12.04	102.4	13.61	107.8	14.68	113.2	15.79	116.4	16.57	120.7	17.57
	118	109.1	12.80	117.8	14.50	124.0	15.66	130.2	16.87	133.9	17.71	138.8	18.81
	115	121.4	13.49	131.1	15.30	138.0	16.44	144.9	17.85	149.0	18.75	154.5	19.93
	110	139.3	14.19	150.4	16.14	158.3	17.48	166.2	18.87	170.9	19.84	177.2	21.12
	106	145.0	13.76	156.6	15.65	164.8	16.94	173.1	18.29	178.0	19.23	184.5	20.47
	103	149.2	13.42	161.1	15.26	169.6	16.52	178.1	17.85	183.1	18.76	189.8	19.97
	99	154.2	12.98	166.5	14.76	175.3	15.98	184.1	17.26	189.3	18.15	196.2	19.31
	95	158.9	12.54	171.6	14.26	180.6	15.44	189.6	16.67	195.0	17.53	202.1	18.66
	93	158.9	12.12	171.6	13.78	180.6	14.92	189.6	16.11	195.0	16.93	202.1	18.02
	91	158.9	11.73	171.6	13.33	180.6	14.42	189.6	15.57	195.0	16.36	202.1	17.41
	87	158.9	10.99	171.6	12.48	180.6	13.50	189.6	14.57	195.0	15.31	202.1	16.28
	82	158.9	10.13	171.6	11.49	180.6	12.43	189.6	13.40	195.0	14.08	202.1	14.97
	75	158.9	9.05	171.6	10.26	180.6	11.08	189.6	11.95	195.0	12.55	202.1	13.34
	72	158.9	8.61	171.6	9.76	180.6	10.54	189.6	11.37	195.0	11.93	202.1	12.68
	70	158.9	8.33	171.6	9.44	180.6	10.20	189.6	11.00	195.0	11.55	202.1	12.27
	68	158.9	8.06	171.6	9.14	180.6	9.87	189.6	10.64	195.0	11.17	202.1	11.87
	65	158.9	7.87	171.6	8.92	180.6	9.63	189.6	10.38	195.0	10.90	202.1	11.58
	62	158.9	7.72	171.6	8.74	180.6	9.44	189.6	10.17	195.0	10.68	202.1	11.34
	58	158.9	7.53	171.6	8.52	180.6	9.20	189.6	9.92	195.0	10.41	202.1	11.05
	54	158.9	7.37	171.6	8.35	180.6	9.01	189.6	9.71	195.0	10.19	202.1	10.82
	50	158.9	7.21	171.6	8.16	180.6	8.81	189.6	9.49	195.0	9.96	202.1	10.58
	40	158.9	7.03	171.6	7.96	180.6	8.59	189.6	9.25	195.0	9.71	202.1	10.31
	30	158.9	6.88	171.6	7.78	180.6	8.40	189.6	9.04	195.0	9.49	202.1	10.07
	23	158.9	6.77	171.6	7.65	180.6	8.26	189.6	8.90	195.0	9.34	202.1	9.91
	15	158.9	6.65	171.6	7.52	180.6	8.11	189.6	8.74	195.0	9.17	202.1	9.73
	5	158.9	6.53	171.6	7.38	180.6	7.97	189.6	8.58	195.0	9.00	202.1	9.56

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	71.3	9.57	77.0	10.80	81.0	11.64	85.1	12.51	87.5	13.12	91.6	14.03
	122	79.4	9.96	85.8	11.26	90.3	12.14	94.8	13.07	97.5	13.71	102.0	14.68
	118	91.3	10.59	98.6	11.99	103.8	12.95	109.0	13.96	112.1	14.65	117.3	15.71
	115	101.7	11.16	109.8	12.66	115.5	13.60	121.3	14.76	124.8	15.51	130.5	16.64
	110	116.6	11.74	125.9	13.36	132.5	14.46	139.2	15.61	143.1	16.41	149.7	17.64
	106	121.4	11.38	131.1	12.95	138.0	14.01	144.9	15.14	149.0	15.91	155.9	17.09
	103	124.9	11.10	134.9	12.63	142.0	13.67	149.1	14.76	153.3	15.52	160.4	16.68
	99	129.1	10.74	139.4	12.22	146.8	13.22	154.1	14.28	158.5	15.01	165.8	16.13
	95	133.0	10.38	143.6	11.80	151.2	12.77	158.8	13.80	163.3	14.50	170.8	15.58
	93	133.0	10.03	143.6	11.40	151.2	12.34	158.8	13.33	163.3	14.01	170.8	15.05
	91	133.0	9.70	143.6	11.03	151.2	11.93	158.8	12.88	163.3	13.54	170.8	14.54
	87	133.0	9.09	143.6	10.32	151.2	11.17	158.8	12.05	163.3	12.66	170.8	13.60
	82	133.0	8.38	143.6	9.51	151.2	10.28	158.8	11.09	163.3	11.65	170.8	12.50
	75	133.0	7.48	143.6	8.49	151.2	9.17	158.8	9.89	163.3	10.38	170.8	11.14
	72	133.0	7.12	143.6	8.07	151.2	8.72	158.8	9.40	163.3	9.87	170.8	10.59
	70	133.0	6.89	143.6	7.81	151.2	8.44	158.8	9.10	163.3	9.55	170.8	10.25
	68	133.0	6.67	143.6	7.56	151.2	8.17	158.8	8.80	163.3	9.24	170.8	9.91
	65	133.0	6.51	143.6	7.38	151.2	7.97	158.8	8.59	163.3	9.02	170.8	9.67
	62	133.0	6.38	143.6	7.23	151.2	7.81	158.8	8.42	163.3	8.83	170.8	9.47
	58	133.0	6.23	143.6	7.05	151.2	7.61	158.8	8.20	163.3	8.61	170.8	9.23
	54	133.0	6.10	143.6	6.91	151.2	7.46	158.8	8.03	163.3	8.43	170.8	9.04
	50	133.0	5.97	143.6	6.75	151.2	7.29	158.8	7.85	163.3	8.24	170.8	8.83
	40	133.0	5.82	143.6	6.58	151.2	7.11	158.8	7.65	163.3	8.03	170.8	8.61
	30	133.0	5.69	143.6	6.44	151.2	6.95	158.8	7.48	163.3	7.85	170.8	8.41
	23	133.0	5.60	143.6	6.33	151.2	6.84	158.8	7.36	163.3	7.72	170.8	8.28
	15	133.0	5.50	143.6	6.22	151.2	6.71	158.8	7.23	163.3	7.59	170.8	8.13
	5	133.0	5.40	143.6	6.11	151.2	6.59	158.8	7.10	163.3	7.45	170.8	7.98
80	125	63.4	8.19	68.4	9.23	72.0	9.95	75.6	10.70	77.8	11.21	81.4	12.00
	122	70.6	8.52	76.2	9.63	80.2	10.38	84.2	11.17	86.6	11.72	90.6	12.55
	118	81.2	9.06	87.7	10.26	92.3	11.08	96.9	11.93	99.6	12.53	104.3	13.43
	115	90.4	9.54	97.6	10.82	102.7	11.63	107.8	12.62	110.9	13.26	116.0	14.23
	110	103.6	10.04	111.9	11.42	117.8	12.36	123.7	13.35	127.2	14.03	133.1	15.08
	106	107.9	9.73	116.5	11.07	122.7	11.98	128.8	12.94	132.5	13.60	138.6	14.62
	103	111.0	9.49	119.9	10.80	126.2	11.69	132.5	12.62	136.3	13.27	142.6	14.26
	99	114.8	9.18	123.9	10.44	130.5	11.31	137.0	12.21	140.9	12.84	147.4	13.79
	95	118.2	8.87	127.7	10.09	134.4	10.92	141.1	11.80	145.1	12.40	151.8	13.32
	93	118.2	8.58	127.7	9.75	134.4	10.55	141.1	11.40	145.1	11.98	151.8	12.87
	91	118.2	8.30	127.7	9.43	134.4	10.20	141.1	11.01	145.1	11.58	151.8	12.43
	87	118.2	7.77	127.7	8.83	134.4	9.55	141.1	10.30	145.1	10.83	151.8	11.62
	82	118.2	7.16	127.7	8.13	134.4	8.79	141.1	9.48	145.1	9.96	151.8	10.69
	75	118.2	6.40	127.7	7.26	134.4	7.84	141.1	8.45	145.1	8.88	151.8	9.52
	72	118.2	6.09	127.7	6.90	134.4	7.46	141.1	8.04	145.1	8.44	151.8	9.05
	70	118.2	5.89	127.7	6.68	134.4	7.22	141.1	7.78	145.1	8.17	151.8	8.76
	68	118.2	5.70	127.7	6.46	134.4	6.98	141.1	7.53	145.1	7.90	151.8	8.47
	65	118.2	5.57	127.7	6.31	134.4	6.82	141.1	7.35	145.1	7.71	151.8	8.27
	62	118.2	5.46	127.7	6.18	134.4	6.68	141.1	7.19	145.1	7.55	151.8	8.10
	58	118.2	5.32	127.7	6.03	134.4	6.51	141.1	7.01	145.1	7.36	151.8	7.89
	54	118.2	5.22	127.7	5.90	134.4	6.37	141.1	6.87	145.1	7.21	151.8	7.73
	50	118.2	5.10	127.7	5.77	134.4	6.23	141.1	6.71	145.1	7.05	151.8	7.55
	40	118.2	4.97	127.7	5.63	134.4	6.08	141.1	6.54	145.1	6.87	151.8	7.36
	30	118.2	4.86	127.7	5.50	134.4	5.94	141.1	6.40	145.1	6.71	151.8	7.19
	23	118.2	4.79	127.7	5.41	134.4	5.84	141.1	6.29	145.1	6.60	151.8	7.08
	15	118.2	4.70	127.7	5.32	134.4	5.74	141.1	6.18	145.1	6.49	151.8	6.95
	5	118.2	4.62	127.7	5.22	134.4	5.64	141.1	6.07	145.1	6.37	151.8	6.83
70	125	55.5	6.90	59.9	7.78	63.0	8.39	66.2	9.02	68.1	9.45	71.2	10.11
	122	61.8	7.18	66.7	8.11	70.2	8.75	73.7	9.42	75.8	9.88	79.3	10.58
	118	71.0	7.63	76.7	8.64	80.8	9.34	84.8	10.06	87.2	10.56	91.2	11.32
	115	79.1	8.04	85.4	9.12	89.9	9.80	94.4	10.64	97.0	11.18	101.5	11.99
	110	90.7	8.46	97.9	9.62	103.1	10.42	108.2	11.25	111.3	11.83	116.5	12.71
	106	94.4	8.20	102.0	9.33	107.3	10.10	112.7	10.91	115.9	11.47	121.3	12.32
	103	97.1	8.00	104.9	9.10	110.4	9.85	115.9	10.64	119.2	11.18	124.8	12.02
	99	100.4	7.74	108.4	8.80	114.1	9.53	119.9	10.29	123.3	10.82	129.0	11.62
	95	103.5	7.48	111.7	8.50	117.6	9.21	123.5	9.94	127.0	10.45	132.9	11.23
	93	103.5	7.23	111.7	8.22	117.6	8.90	123.5	9.60	127.0	10.10	132.9	10.84
	91	103.5	6.99	111.7	7.95	117.6	8.60	123.5	9.28	127.0	9.76	132.9	10.48
	87	103.5	6.55	111.7	7.44	117.6	8.05	123.5	8.69	127.0	9.13	132.9	9.80
	82	103.5	6.04	111.7	6.85	117.6	7.41	123.5	7.99	127.0	8.40	132.9	9.01
	75	103.5	5.39	111.7	6.12	117.6	6.61	123.5	7.13	127.0	7.48	132.9	8.03
	72	103.5	5.13	111.7	5.82	117.6	6.29	123.5	6.78	127.0	7.12	132.9	7.63
	70	103.5	4.97	111.7	5.63	117.6	6.08	123.5	6.56	127.0	6.89	132.9	7.38
	68	103.5	4.81	111.7	5.45	117.6	5.89	123.5	6.34	127.0	6.66	132.9	7.14
	65	103.5	4.69	111.7	5.32	117.6	5.74	123.5	6.19	127.0	6.50	132.9	6.97
	62	103.5	4.60	111.7	5.21	117.6	5.63	123.5	6.06	127.0	6.37	132.9	6.83
	58	103.5	4.49	111.7	5.08	117.6	5.49	123.5	5.91	127.0	6.21	132.9	6.65
	54	103.5	4.40	111.7	4.98	117.6	5.37	123.5	5.79	127.0	6.08	132.9	6.51
	50	103.5	4.30	111.7	4.87	117.6	5.25	123.5	5.66	127.0	5.94	132.9	6.37
	40	103.5	4.19	111.7	4.74	117.6	5.12	123.5	5.52	127.0	5.79	132.9	6.20
	30	103.5	4.10	111.7	4.64	117.6	5.01	123.5	5.39	127.0	5.66	132.9	6.06
	23	103.5	4.03	111.7	4.56	117.6	4.93	123.5	5.30	127.0	5.57	132.9	5.96
	15	103.5	3.96	111.7	4.48	117.6	4.84	123.5	5.21	127.0	5.47	132.9	5.86
	5	103.5	3.89	111.7	4.40	117.6	4.75	123.5	5.12	127.0	5.37	132.9	5.75

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-MUP1921FT6P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
100	125	90.5	13.05	97.8	14.71	102.9	15.84	108.1	17.02	111.1	17.83	116.3	19.07		
	122	100.8	13.58	108.9	15.32	114.6	16.52	120.4	17.77	123.8	18.63	129.5	19.94		
	118	110.6	14.42	122.2	16.31	131.8	17.61	138.4	18.96	142.3	19.90	148.9	21.32		
	115	129.1	15.18	139.4	17.21	146.7	18.49	154.1	20.05	158.4	21.05	165.8	22.58		
	110	148.0	15.96	159.9	18.14	168.3	19.63	176.7	21.19	181.7	22.26	190.1	23.91		
	106	154.2	15.47	166.5	17.58	175.2	19.02	184.0	20.54	189.2	21.58	198.0	23.18		
	103	158.6	15.09	171.3	17.15	180.3	18.56	189.3	20.03	194.7	21.05	203.7	22.61		
	99	163.9	14.60	177.0	16.59	186.4	17.95	195.7	19.38	201.2	20.36	210.5	21.87		
	95	168.9	14.10	182.4	16.02	192.0	17.34	201.6	18.72	207.3	19.67	216.9	21.13		
	93	168.9	13.64	182.4	15.49	192.0	16.76	201.6	18.09	207.3	19.00	216.9	20.41		
	91	168.9	13.19	182.4	14.98	192.0	16.20	201.6	17.48	207.3	18.37	216.9	19.72		
	87	168.9	12.36	182.4	14.03	192.0	15.17	201.6	16.36	207.3	17.18	216.9	18.44		
	82	168.9	11.40	182.4	12.92	192.0	13.96	201.6	15.06	207.3	15.81	216.9	16.96		
	75	168.9	10.18	182.4	11.54	192.0	12.46	201.6	13.43	207.3	14.10	216.9	15.12		
	72	168.9	9.69	182.4	10.97	192.0	11.85	201.6	12.77	207.3	13.40	216.9	14.37		
	70	168.9	9.38	182.4	10.62	192.0	11.47	201.6	12.36	207.3	12.97	216.9	13.91		
	68	168.9	9.08	182.4	10.28	192.0	11.10	201.6	11.96	207.3	12.55	216.9	13.45		
	65	168.9	8.87	182.4	10.03	192.0	10.83	201.6	11.67	207.3	12.25	216.9	13.13		
	62	168.9	8.69	182.4	9.83	192.0	10.61	201.6	11.43	207.3	12.00	216.9	12.86		
	58	168.9	8.48	182.4	9.59	192.0	10.35	201.6	11.15	207.3	11.69	216.9	12.53		
	54	168.9	8.30	182.4	9.39	192.0	10.14	201.6	10.91	207.3	11.45	216.9	12.27		
	50	168.9	8.12	182.4	9.18	192.0	9.91	201.6	10.67	207.3	11.19	216.9	11.99		
	40	168.9	7.92	182.4	8.96	192.0	9.66	201.6	10.40	207.3	10.91	216.9	11.69		
	30	168.9	7.75	182.4	8.76	192.0	9.44	201.6	10.17	207.3	10.66	216.9	11.42		
	23	168.9	7.62	182.4	8.62	192.0	9.29	201.6	10.00	207.3	10.49	216.9	11.24		
	15	168.9	7.49	182.4	8.46	192.0	9.13	201.6	9.82	207.3	10.30	216.9	11.04		
	5	168.9	7.36	182.4	8.31	192.0	8.97	201.6	9.65	207.3	10.12	216.9	10.84		
110	125	92.3	13.19	99.7	14.86	105.0	16.00	110.2	17.20	113.3	18.02	118.6	19.27		
	122	102.8	13.72	111.1	15.48	116.9	16.69	122.8	17.95	126.2	18.82	132.1	20.14		
	118	118.3	14.56	127.7	16.48	134.5	17.79	141.2	19.16	145.2	20.10	151.9	21.54		
	115	131.7	15.33	142.2	17.38	149.7	18.68	157.1	20.25	161.6	21.26	169.1	22.81		
	110	151.0	16.12	163.1	18.32	171.7	19.83	180.2	21.40	185.3	22.49	193.9	24.16		
	106	157.2	15.63	169.8	17.76	178.8	19.22	187.7	20.75	193.0	21.80	201.9	23.42		
	103	161.8	15.25	174.7	17.33	183.9	18.75	193.1	20.24	198.5	21.27	207.7	22.84		
	99	167.2	14.75	180.6	16.76	190.1	18.13	199.6	19.58	205.2	20.57	214.7	22.10		
	95	172.3	14.24	186.0	16.19	195.8	17.52	205.6	18.91	211.4	19.87	221.2	21.35		
	93	172.3	13.77	186.0	15.65	195.8	16.93	205.6	18.27	211.4	19.20	221.2	20.62		
	91	172.3	13.33	186.0	15.13	195.8	16.37	205.6	17.66	211.4	18.56	221.2	19.92		
	87	172.3	12.49	186.0	14.17	195.8	15.32	205.6	16.53	211.4	17.36	221.2	18.63		
	82	172.3	11.51	186.0	13.05	195.8	14.11	205.6	15.21	211.4	15.97	221.2	17.14		
	75	172.3	10.29	186.0	11.65	195.8	12.59	205.6	13.57	211.4	14.24	221.2	15.27		
	72	172.3	9.79	186.0	11.09	195.8	11.97	205.6	12.90	211.4	13.54	221.2	14.52		
	70	172.3	9.48	186.0	10.73	195.8	11.59	205.6	12.49	211.4	13.10	221.2	14.05		
	68	172.3	9.17	186.0	10.38	195.8	11.21	205.6	12.08	211.4	12.68	221.2	13.59		
	65	172.3	8.96	186.0	10.14	195.8	10.94	205.6	11.79	211.4	12.37	221.2	13.26		
	62	172.3	8.78	186.0	9.93	195.8	10.72	205.6	11.55	211.4	12.12	221.2	12.99		
	58	172.3	8.56	186.0	9.69	195.8	10.46	205.6	11.26	211.4	11.81	221.2	12.66		
	54	172.3	8.39	186.0	9.49	195.8	10.24	205.6	11.03	211.4	11.57	221.2	12.39		
	50	172.3	8.21	186.0	9.28	195.8	10.01	205.6	10.78	211.4	11.31	221.2	12.12		
	40	172.3	8.00	186.0	9.05	195.8	9.76	205.6	10.51	211.4	11.02	221.2	11.81		
	30	172.3	7.83	186.0	8.84	195.8	9.54	205.6	10.27	211.4	10.77	221.2	11.54		
	23	172.3	7.70	186.0	8.70	195.8	9.39	205.6	10.11	211.4	10.60	221.2	11.35		
	15	172.3	7.56	186.0	8.55	195.8	9.22	205.6	9.93	211.4	10.41	221.2	11.15		
	5	172.3	7.43	186.0	8.40	195.8	9.06	205.6	9.75	211.4	10.22	221.2	10.95		
120	125	95.1	13.45	102.7	15.15	108.1	16.32	113.5	17.53	116.7	18.37	122.1	19.65		
	122	105.9	13.99	114.3	15.78	120.4	17.02	126.4	18.30	129.9	19.19	136.0	20.54		
	118	121.8	14.85	131.5	16.80	138.4	18.14	145.4	19.53	149.5	20.50	156.4	21.97		
	115	135.5	15.63	146.4	17.72	154.1	19.05	161.8	20.65	166.3	21.68	174.0	23.26		
	110	155.4	16.44	167.9	18.68	176.7	20.22	185.5	21.82	190.8	22.93	199.6	24.63		
	106	161.9	15.94	174.8	18.11	184.0	19.60	193.2	21.15	198.7	22.23	207.9	23.88		
	103	166.5	15.54	179.8	17.67	189.3	19.12	198.8	20.64	204.4	21.69	213.8	23.29		
	99	172.1	15.04	185.9	17.09	195.7	18.49	205.5	19.96	211.3	20.98	221.1	22.53		
	95	177.3	14.52	191.5	16.51	201.6	17.86	211.7	19.28	217.7	20.26	227.7	21.76		
	93	177.3	14.05	191.5	15.96	201.6	17.26	211.7	18.63	217.7	19.58	227.7	21.02		
	91	177.3	13.59	191.5	15.43	201.6	16.69	211.7	18.01	217.7	18.92	227.7	20.31		
	87	177.3	12.73	191.5	14.45	201.6	15.62	211.7	16.85	217.7	17.70	227.7	19.00		
	82	177.3	11.74	191.5	13.31	201.6	14.38	211.7	15.51	217.7	16.29	227.7	17.47		
	75	177.3	10.49	191.5	11.88	201.6	12.83	211.7	13.83	217.7	14.52	227.7	15.57		
	72	177.3	9.98	191.5	11.30	201.6	12.21	211.7	13.16	217.7	13.81	227.7	14.80		
	70	177.3	9.66	191.5	10.94	201.6	11.82	211.7	12.73	217.7	13.36	227.7	14.33		
	68	177.3	9.35	191.5	10.59	201.6	11.43	211.7	12.32	217.7	12.93	227.7	13.86		
	65	177.3	9.13	191.5	10.34	201.6	11.16	211.7	12.02	217.7	12.61	227.7	13.52		
	62	177.3	8.95	191.5	10.13	201.6	10.93	211.7	11.78	217.7	12.36	227.7	13.24		
	58	177.3	8.73	191.5	9.88	201.6	10.66	211.7	11.48	217.7	12.05	227.7	12.91		
	54	177.3	8.55	191.5	9.67	201.6	10.44	211.7	11.24	217.7	11.79	227.7	12.64		
	50	177.3	8.37	191.5	9.46	201.6	10.21	211.7	10.99	217.7	11.53	227.7	12.35		
	40	177.3	8.16	191.5	9.22	201.6	9.95	211.7	10.71	217.7	11.24	227.7	12.04		
	30	177.3	7.98	191.5	9.02	201.6	9.73	211.7	10.47	217.7	10.98	227.7	11.77		
	23	177.3	7.85	191.5	8.87	201.6	9.57	211.7	10.30	217.7	10.81	227.7	11.58		
	15	177.3	7.71	191.5	8.72	201.6	9.40	211.7	10.12	217.7	10.61	227.7	11.37		
	5	177.3	7.58	191.5	8.56	201.6	9.24	211.7	9.94	217.7	10.43	227.7	11.17		
130	125	97.3	13.64	105.1	15.37	110.6	16.55	116.2	17.78	119.4	18.63	123.8	19.74		
	122	108.4	14.18	117.1	16.01	123.2	17.26	129.4	18.56	133.0	19.46	137.9	20.64		
	118	124.7	15.06	134.6	17.04	141.7	18.39	148.8	19.81	153.0	20.79	158.6	22.07		
	115	138.8	15.85	149.8	17.97	157.7	19.32	165.6	20.94	170.3	21.99	176.5	23.37		
	110	159.1	16.67	171.9	18.95	180.9	20.50	190.0	22.13	195.3	23.26	202.5	24.75		
	106	165.7	16.16	179.0	18.37	188.4	19.87	197.8	21.45	203.4	22.55	210.8	23.99		
	103	170.5	15.77	184.1	17.92	193.8	19.39	203.5	20.93	209.3	21.99	216.9	23.40		
	99	176.2	15.25	190.3	17.33	200.3	18.75	210.4	20.24	216.3	21.27	224.2	22.64		
	95	181.6	14.73	196.1	16.74	206.4	18.11	216.7	19.56	222.8	20.55	231.0	21.87		
	93	181.6	14.24	196.1	16.18	206.4	17.51	216.7	18.89	222.8	19.85	231.0	21.12		
	91	181.6	13.78	196.1	15.65	206.4	16.93	216.7	18.27	222.8	19.19	231.0	20.41		
	87	181.6	12.91	196.1	14.65	206.4	15.84	216.7	17.09	222.8	17.95	231.0	19.09		
	82	181.6	11.91	196.1	13.50	206.4	14.59	216.7	15.73	222.8	16.52	231.0	17.56		
	75	181.6	10.64	196.1	12.05	206.4	13.02	216.7	14.03	222.8	14.73	231.0	15.65		
	72	181.6	10.12	196.1	11.46	206.4	12.38	216.7	13.34	222.8	14.00	231.0	14.88		
	70	181.6	9.80	196.1	11.10	206.4	11.98	216.7	12.91	222.8	13.55	231.0	14.39		
	68	181.6	9.49	196.1	10.74	206.4	11.60	216.7	12.49	222.8	13.11	231.0	13.92		
	65	181.6	9.26	196.1	10.48	206.4	11.32	216.7	12.19	222.8	12.79	231.0	13.59		
	62	181.6	9.08	196.1	10.27	206.4	11.09	216.7	11.94	222.8	12.53	231.0	13.31		
	58	181.6	8.86	196.1	10.02	206.4	10.81	216.7	11.64	222.8	12.22	231.0	12.97		
	54	181.6	8.68	196.1	9.81	206.4	10.59	216.7	11.40	222.8	11.96	231.0	12.70		
	50	181.6	8.49	196.1	9.59	206.4	10.35	216.7	11.15	222.8	11.69	231.0	12.41		
	40	181.6	8.28	196.1	9.36	206.4	10.09	216.7	10.87	222.8	11.40	231.0	12.10		
	30	181.6	8.09	196.1	9.15	206.4	9.87	216.7	10.62	222.8	11.14	231.0	11.82		
	23	181.6	7.96	196.1	9.00	206.4	9.71	216.7	10.45	222.8	10.96	231.0	11.63		
	15	181.6	7.82	196.1	8.84	206.4	9.54	216.7	10.26	222.8	10.77	231.0	11.42		
	5	181.6	7.68	196.1	8.68	206.4	9.37	216.7	10.08	222.8	10.57	231.0	11.22		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
90	125	81.5	11.28	88.0	12.71	92.6	13.69	97.3	14.71	100.0	15.41	104.6	16.49		
	122	90.7	11.74	98.0	13.24	103.2	14.28	108.3	15.36	111.4	16.10	116.5	17.23		
	118	104.4	12.46	112.7	14.10	118.7	15.22	124.6	16.39	128.1	17.20	134.0	18.43		
	115	116.2	13.12	125.5	14.87	132.1	15.98	138.7	17.33	142.6	18.19	149.2	19.52		
	110	133.2	13.79	143.9	15.68	151.5	16.96	159.0	18.31	163.5	19.24	171.1	20.67		
	106	138.7	13.37	149.8	15.20	157.7	16.44	165.6	17.75	170.3	18.65	178.2	20.03		
	103	142.7	13.04	154.1	14.82	162.3	16.04	170.4	17.32	175.2	18.20	183.3	19.54		
	99	147.5	12.62	159.3	14.34	167.7	15.51	176.1	16.75	181.1	17.60	189.5	18.90		
	95	152.0	12.19	164.2	13.85	172.8	14.99	181.4	16.18	186.6	17.00	195.2	18.26		
	93	152.0	11.79	164.2	13.39	172.8	14.48	181.4	15.63	186.6	16.43	195.2	17.64		
	91	152.0	11.40	164.2	12.95	172.8	14.00	181.4	15.11	186.6	15.88	195.2	17.05		
	87	152.0	10.68	164.2	12.12	172.8	13.11	181.4	14.14	186.6	14.85	195.2	15.94		
	82	152.0	9.85	164.2	11.17	172.8	12.07	181.4	13.01	186.6	13.67	195.2	14.66		
	75	152.0	8.80	164.2	9.97	172.8	10.77	181.4	11.61	186.6	12.18	195.2	13.07		
	72	152.0	8.38	164.2	9.49	172.8	10.24	181.4	11.04	186.6	11.59	195.2	12.42		
	70	152.0	8.11	164.2	9.18	172.8	9.91	181.4	10.68	186.6	11.21	195.2	12.02		
	68	152.0	7.85	164.2	8.88	172.8	9.59	181.4	10.34	186.6	10.85	195.2	11.63		
	65	152.0	7.66	164.2	8.67	172.8	9.36	181.4	10.09	186.6	10.58	195.2	11.35		
	62	152.0	7.51	164.2	8.50	172.8	9.17	181.4	9.88	186.6	10.37	195.2	11.11		
	58	152.0	7.33	164.2	8.29	172.8	8.95	181.4	9.63	186.6	10.11	195.2	10.83		
	54	152.0	7.18	164.2	8.12	172.8	8.76	181.4	9.43	186.6	9.90	195.2	10.60		
	50	152.0	7.02	164.2	7.94	172.8	8.57	181.4	9.22	186.6	9.68	195.2	10.37		
	40	152.0	6.85	164.2	7.74	172.8	8.35	181.4	8.99	186.6	9.43	195.2	10.10		
	30	152.0	6.70	164.2	7.57	172.8	8.16	181.4	8.79	186.6	9.22	195.2	9.87		
	23	152.0	6.59	164.2	7.45	172.8	8.03	181.4	8.65	186.6	9.07	195.2	9.71		
	15	152.0	6.47	164.2	7.31	172.8	7.89	181.4	8.49	186.6	8.91	195.2	9.54		
	5	152.0	6.36	164.2	7.18	172.8	7.75	181.4	8.34	186.6	8.75	195.2	9.37		
80	125	72.4	9.65	78.2	10.87	82.3	11.71	86.4	12.58	88.9	13.18	93.0	14.10		
	122	80.7	10.03	87.1	11.32	91.7	12.21	96.3	13.13	99.0	13.76	103.6	14.73		
	118	92.8	10.65	100.2	12.05	105.5	13.01	110.7	14.01	113.9	14.70	119.1	15.76		
	115	103.3	11.22	111.5	12.71	117.4	13.67	123.3	14.81	126.7	15.56	132.6	16.69		
	110	118.4	11.79	127.9	13.40	134.6	14.50	141.4	15.66	145.4	16.45	152.1	17.67		
	106	123.3	11.43	133.2	12.99	140.2	14.06	147.2	15.18	151.4	15.95	158.4	17.13		
	103	126.9	11.15	137.0	12.67	144.2	13.71	151.4	14.80	155.7	15.56	162.9	16.71		
	99	131.2	10.79	141.6	12.26	149.1	13.26	156.5	14.32	161.0	15.05	168.4	16.16		
	95	135.1	10.42	145.9	11.84	153.6	12.81	161.3	13.83	165.8	14.54	173.5	15.61		
	93	135.1	10.08	145.9	11.45	153.6	12.38	161.3	13.37	165.8	14.04	173.5	15.08		
	91	135.1	9.75	145.9	11.07	153.6	11.97	161.3	12.92	165.8	13.57	173.5	14.57		
	87	135.1	9.14	145.9	10.37	153.6	11.21	161.3	12.09	165.8	12.70	173.5	13.63		
	82	135.1	8.42	145.9	9.55	153.6	10.32	161.3	11.13	165.8	11.68	173.5	12.54		
	75	135.1	7.52	145.9	8.52	153.6	9.21	161.3	9.92	165.8	10.42	173.5	11.17		
	72	135.1	7.16	145.9	8.11	153.6	8.76	161.3	9.44	165.8	9.91	173.5	10.62		
	70	135.1	6.93	145.9	7.85	153.6	8.48	161.3	9.13	165.8	9.59	173.5	10.28		
	68	135.1	6.71	145.9	7.60	153.6	8.20	161.3	8.84	165.8	9.27	173.5	9.94		
	65	135.1	6.55	145.9	7.42	153.6	8.01	161.3	8.62	165.8	9.05	173.5	9.70		
	62	135.1	6.42	145.9	7.27	153.6	7.84	161.3	8.45	165.8	8.86	173.5	9.50		
	58	135.1	6.26	145.9	7.09	153.6	7.65	161.3	8.24	165.8	8.64	173.5	9.26		
	54	135.1	6.14	145.9	6.94	153.6	7.49	161.3	8.07	165.8	8.46	173.5	9.07		
	50	135.1	6.00	145.9	6.79	153.6	7.32	161.3	7.89	165.8	8.27	173.5	8.86		
	40	135.1	5.85	145.9	6.62	153.6	7.14	161.3	7.69	165.8	8.06	173.5	8.64		
	30	135.1	5.72	145.9	6.47	153.6	6.98	161.3	7.51	165.8	7.88	173.5	8.44		
	23	135.1	5.63	145.9	6.37	153.6	6.87	161.3	7.39	165.8	7.75	173.5	8.31		
	15	135.1	5.53	145.9	6.25	153.6	6.75	161.3	7.26	165.8	7.62	173.5	8.16		
	5	135.1	5.44	145.9	6.14	153.6	6.63	161.3	7.13	165.8	7.48	173.5	8.01		
70	125	63.4	8.13	68.4	9.16	72.0	9.87	75.6	10.60	77.8	11.11	81.4	11.88		
	122	70.6	8.46	76.2	9.54	80.2	10.29	84.2	11.07	86.6	11.60	90.6	12.42		
	118	81.2	8.98	87.7	10.16	92.3	10.97	96.9	11.81	99.6	12.39	104.3	13.28		
	115	90.4	9.45	97.6	10.72	102.7	11.52	107.8	12.49	110.9	13.11	116.0	14.07		
	110	103.6	9.94	111.9	11.30	117.8	12.22	123.7	13.20	127.2	13.87	133.1	14.89		
	106	107.9	9.64	116.5	10.95	122.7	11.85	128.8	12.79	132.4	13.44	138.6	14.44		
	103	111.0	9.40	119.9	10.68	126.2	11.56	132.5	12.48	136.3	13.11	142.6	14.08		
	99	114.8	9.09	123.9	10.33	130.5	11.18	137.0	12.07	140.8	12.68	147.4	13.62		
	95	118.2	8.78	127.7	9.98	134.4	10.80	141.1	11.66	145.1	12.25	151.8	13.16		
	93	118.2	8.49	127.7	9.65	134.4	10.44	141.1	11.27	145.1	11.84	151.8	12.71		
	91	118.2	8.22	127.7	9.33	134.4	10.09	141.1	10.89	145.1	11.44	151.8	12.28		
	87	118.2	7.70	127.7	8.74	134.4	9.45	141.1	10.19	145.1	10.70	151.8	11.49		
	82	118.2	7.10	127.7	8.05	134.4	8.70	141.1	9.38	145.1	9.85	151.8	10.57		
	75	118.2	6.34	127.7	7.18	134.4	7.76	141.1	8.36	145.1	8.78	151.8	9.42		
	72	118.2	6.04	127.7	6.84	134.4	7.38	141.1	7.95	145.1	8.35	151.8	8.95		
	70	118.2	5.84	127.7	6.62	134.4	7.14	141.1	7.70	145.1	8.08	151.8	8.66		
	68	118.2	5.66	127.7	6.40	134.4	6.91	141.1	7.45	145.1	7.82	151.8	8.38		
	65	118.2	5.52	127.7	6.25	134.4	6.75	141.1	7.27	145.1	7.63	151.8	8.18		
	62	118.2	5.41	127.7	6.12	134.4	6.61	141.1	7.12	145.1	7.47	151.8	8.01		
	58	118.2	5.28	127.7	5.97	134.4	6.45	141.1	6.94	145.1	7.28	151.8	7.81		
	54	118.2	5.17	127.7	5.85	134.4	6.31	141.1	6.80	145.1	7.13	151.8	7.64		
	50	118.2	5.06	127.7	5.72	134.4	6.17	141.1	6.65	145.1	6.97	151.8	7.47		
	40	118.2	4.93	127.7	5.58	134.4	6.02	141.1	6.48	145.1	6.80	151.8	7.28		
	30	118.2	4.83	127.7	5.45	134.4	5.88	141.1	6.33	145.1	6.64	151.8	7.11		
	23	118.2	4.75	127.7	5.37	134.4	5.79	141.1	6.23	145.1	6.54	151.8	7.00		
	15	118.2	4.66	127.7	5.27	134.4	5.69	141.1	6.12	145.1	6.42	151.8	6.87		
	5	118.2	4.58	127.7	5.18	134.4	5.58	141.1	6.01	145.1	6.30	151.8	6.75		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°

COOLING (°F)

MMY-UP1921FT6P-UL/MMY-UP1921FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	90.5	10.65	97.8	12.26	102.9	13.36	108.1	14.53	111.1	15.35	116.3	16.60
	122	100.8	11.22	108.9	12.94	114.6	14.13	120.4	15.38	123.8	16.25	129.5	17.60
	118	116.0	12.14	125.2	14.05	131.8	15.36	138.4	16.75	142.3	17.72	148.9	19.22
	115	129.1	12.99	139.4	15.06	146.7	16.40	154.1	18.01	158.4	19.07	165.8	20.71
	110	148.0	13.92	159.9	16.20	168.3	17.77	176.7	19.43	181.7	20.59	190.1	22.39
	106	154.2	13.49	166.5	15.70	175.2	17.22	184.0	18.83	189.2	19.96	198.0	21.70
	103	158.6	13.16	171.3	15.32	180.3	16.80	189.3	18.37	194.7	19.47	203.7	21.17
	99	163.9	12.73	177.0	14.82	186.4	16.25	195.7	17.77	201.2	18.84	210.5	20.48
	95	168.9	12.30	182.4	14.32	192.0	15.70	201.6	17.17	207.3	18.20	216.9	19.79
	93	168.9	11.86	182.4	13.79	192.0	15.12	201.6	16.53	207.3	17.52	216.9	19.05
	91	168.9	11.43	182.4	13.29	192.0	14.57	201.6	15.93	207.3	16.88	216.9	18.34
	87	168.9	10.65	182.4	12.37	192.0	13.56	201.6	14.81	207.3	15.69	216.9	17.05
	82	168.9	9.76	182.4	11.33	192.0	12.40	201.6	13.54	207.3	14.34	216.9	15.58
	75	168.9	8.66	182.4	10.04	192.0	10.98	201.6	11.99	207.3	12.69	216.9	13.77
	72	168.9	8.22	182.4	9.52	192.0	10.42	201.6	11.37	207.3	12.03	216.9	13.06
	70	168.9	7.95	182.4	9.20	192.0	10.07	201.6	10.98	207.3	11.63	216.9	12.61
	68	168.9	7.68	182.4	8.89	192.0	9.73	201.6	10.61	207.3	11.23	216.9	12.18
	65	168.9	7.48	182.4	8.66	192.0	9.47	201.6	10.33	207.3	10.93	216.9	11.86
	62	168.9	7.32	182.4	8.47	192.0	9.27	201.6	10.11	207.3	10.69	216.9	11.60
	58	168.9	7.13	182.4	8.25	192.0	9.01	201.6	9.83	207.3	10.40	216.9	11.28
	54	168.9	6.97	182.4	8.06	192.0	8.81	201.6	9.61	207.3	10.16	216.9	11.02
	50	168.9	6.81	182.4	7.87	192.0	8.60	201.6	9.38	207.3	9.92	216.9	10.76
	40	168.9	6.62	182.4	7.66	192.0	8.37	201.6	9.12	207.3	9.64	216.9	10.45
	30	168.9	6.47	182.4	7.47	192.0	8.17	201.6	8.90	207.3	9.41	216.9	10.20
	23	168.9	6.36	182.4	7.35	192.0	8.03	201.6	8.75	207.3	9.26	216.9	10.03
	15	168.9	6.25	182.4	7.22	192.0	7.89	201.6	8.59	207.3	9.09	216.9	9.85
	5	168.9	6.14	182.4	7.09	192.0	7.74	201.6	8.44	207.3	8.92	216.9	9.67
110	125	92.3	10.76	99.7	12.38	105.0	13.50	110.2	14.68	113.3	15.50	118.6	16.77
	122	102.8	11.33	111.1	13.07	116.9	14.27	122.8	15.54	126.2	16.42	132.1	17.78
	118	118.3	12.26	127.7	14.19	134.5	15.52	141.2	16.92	145.2	17.90	151.9	19.42
	115	131.7	13.12	142.2	15.22	149.7	16.56	157.1	18.20	161.6	19.27	169.1	20.92
	110	151.0	14.06	163.1	16.36	171.7	17.95	180.2	19.63	185.3	20.80	193.9	22.62
	106	157.2	13.63	169.8	15.86	178.8	17.40	187.7	19.02	193.0	20.16	201.9	21.93
	103	161.8	13.30	174.7	15.47	183.9	16.97	193.1	18.56	198.5	19.67	207.7	21.39
	99	167.2	12.86	180.6	14.97	190.1	16.42	199.6	17.95	205.2	19.03	214.7	20.69
	95	172.3	12.43	186.0	14.46	195.8	15.86	205.6	17.35	211.4	18.39	221.2	19.99
	93	172.3	11.98	186.0	13.93	195.8	15.27	205.6	16.70	211.4	17.70	221.2	19.24
	91	172.3	11.55	186.0	13.43	195.8	14.72	205.6	16.09	211.4	17.05	221.2	18.53
	87	172.3	10.76	186.0	12.50	195.8	13.70	205.6	14.97	211.4	15.85	221.2	17.22
	82	172.3	9.86	186.0	11.44	195.8	12.53	205.6	13.68	211.4	14.49	221.2	15.73
	75	172.3	8.75	186.0	10.14	195.8	11.10	205.6	12.11	211.4	12.82	221.2	13.91
	72	172.3	8.30	186.0	9.62	195.8	10.53	205.6	11.49	211.4	12.16	221.2	13.19
	70	172.3	8.03	186.0	9.30	195.8	10.17	205.6	11.10	211.4	11.74	221.2	12.74
	68	172.3	7.76	186.0	8.98	195.8	9.83	205.6	10.72	211.4	11.34	221.2	12.31
	65	172.3	7.56	186.0	8.75	195.8	9.57	205.6	10.44	211.4	11.05	221.2	11.98
	62	172.3	7.40	186.0	8.56	195.8	9.36	205.6	10.21	211.4	10.80	221.2	11.72
	58	172.3	7.20	186.0	8.33	195.8	9.11	205.6	9.93	211.4	10.51	221.2	11.39
	54	172.3	7.04	186.0	8.14	195.8	8.90	205.6	9.71	211.4	10.27	221.2	11.13
	50	172.3	6.88	186.0	7.95	195.8	8.69	205.6	9.48	211.4	10.02	221.2	10.87
	40	172.3	6.69	186.0	7.73	195.8	8.45	205.6	9.21	211.4	9.74	221.2	10.56
	30	172.3	6.53	186.0	7.55	195.8	8.25	205.6	8.99	211.4	9.51	221.2	10.30
	23	172.3	6.43	186.0	7.43	195.8	8.11	205.6	8.84	211.4	9.35	221.2	10.13
	15	172.3	6.31	186.0	7.29	195.8	7.97	205.6	8.68	211.4	9.18	221.2	9.95
	5	172.3	6.20	186.0	7.16	195.8	7.82	205.6	8.52	211.4	9.01	221.2	9.77
120	125	95.1	10.97	102.7	12.63	108.1	13.76	113.5	14.97	116.7	15.81	122.1	17.10
	122	105.9	11.56	114.3	13.33	120.4	14.55	126.4	15.84	129.9	16.74	136.0	18.13
	118	121.8	12.50	131.5	14.47	138.4	15.82	145.4	17.26	149.5	18.26	156.4	19.80
	115	135.5	13.38	146.4	15.52	154.1	16.89	161.8	18.55	166.3	19.65	174.0	21.33
	110	155.4	14.34	167.9	16.69	176.7	18.30	185.5	20.01	190.8	21.21	199.6	23.06
	106	161.9	13.90	174.8	16.17	184.0	17.74	193.2	19.40	198.7	20.56	207.9	22.36
	103	166.5	13.56	179.8	15.78	189.3	17.30	198.8	18.92	204.4	20.06	213.8	21.81
	99	172.1	13.12	185.9	15.26	195.7	16.74	205.5	18.30	211.3	19.40	221.1	21.10
	95	177.3	12.67	191.5	14.75	201.6	16.17	211.7	17.69	217.7	18.75	227.7	20.38
	93	177.3	12.21	191.5	14.20	201.6	15.57	211.7	17.03	217.7	18.05	227.7	19.62
	91	177.3	11.78	191.5	13.69	201.6	15.01	211.7	16.41	217.7	17.38	227.7	18.89
	87	177.3	10.97	191.5	12.75	201.6	13.97	211.7	15.26	217.7	16.16	227.7	17.56
	82	177.3	10.05	191.5	11.67	201.6	12.78	211.7	13.95	217.7	14.77	227.7	16.04
	75	177.3	8.92	191.5	10.34	201.6	11.31	211.7	12.35	217.7	13.07	227.7	14.19
	72	177.3	8.47	191.5	9.81	201.6	10.73	211.7	11.71	217.7	12.40	227.7	13.45
	70	177.3	8.18	191.5	9.48	201.6	10.37	211.7	11.32	217.7	11.98	227.7	12.99
	68	177.3	7.91	191.5	9.16	201.6	10.02	211.7	10.93	217.7	11.57	227.7	12.55
	65	177.3	7.71	191.5	8.92	201.6	9.76	211.7	10.64	217.7	11.26	227.7	12.22
	62	177.3	7.54	191.5	8.73	201.6	9.54	211.7	10.41	217.7	11.01	227.7	11.95
	58	177.3	7.34	191.5	8.49	201.6	9.29	211.7	10.13	217.7	10.71	227.7	11.62
	54	177.3	7.18	191.5	8.30	201.6	9.08	211.7	9.90	217.7	10.47	227.7	11.35
	50	177.3	7.01	191.5	8.11	201.6	8.86	211.7	9.66	217.7	10.22	227.7	11.08
	40	177.3	6.82	191.5	7.89	201.6	8.62	211.7	9.39	217.7	9.93	227.7	10.77
	30	177.3	6.66	191.5	7.70	201.6	8.41	211.7	9.17	217.7	9.69	227.7	10.51
	23	177.3	6.55	191.5	7.57	201.6	8.27	211.7	9.02	217.7	9.53	227.7	10.33
	15	177.3	6.44	191.5	7.44	201.6	8.12	211.7	8.85	217.7	9.36	227.7	10.14
	5	177.3	6.32	191.5	7.30	201.6	7.98	211.7	8.69	217.7	9.19	227.7	9.96
130	125	97.3	11.13	105.1	12.81	110.6	13.96	116.2	15.18	119.4	16.03	123.8	17.18
	122	108.4	11.72	117.1	13.52	123.2	14.76	129.4	16.07	133.0	16.98	137.9	18.22
	118	124.7	12.68	134.6	14.68	141.7	16.05	148.8	17.50	153.0	18.51	158.6	19.89
	115	138.8	13.57	149.8	15.74	157.7	17.13	165.6	18.82	170.3	19.93	176.5	21.44
	110	159.1	14.54	171.9	16.92	180.9	18.56	190.0	20.30	195.3	21.51	202.5	23.17
	106	165.7	14.10	179.0	16.40	188.4	17.99	197.8	19.67	203.4	20.85	210.8	22.46
	103	170.5	13.75	184.1	16.00	193.8	17.55	203.5	19.19	209.3	20.34	216.9	21.91
	99	176.2	13.30	190.3	15.48	200.3	16.98	210.4	18.56	216.3	19.68	224.2	21.20
	95	181.6	12.85	196.1	14.95	206.4	16.40	216.7	17.94	222.8	19.01	231.0	20.48
	93	181.6	12.39	196.1	14.41	206.4	15.79	216.7	17.27	222.8	18.30	231.0	19.71
	91	181.6	11.95	196.1	13.89	206.4	15.22	216.7	16.64	222.8	17.63	231.0	18.98
	87	181.6	11.13	196.1	12.93	206.4	14.16	216.7	15.48	222.8	16.39	231.0	17.64
	82	181.6	10.20	196.1	11.83	206.4	12.96	216.7	14.15	222.8	14.98	231.0	16.12
	75	181.6	9.05	196.1	10.48	206.4	11.47	216.7	12.52	222.8	13.26	231.0	14.25
	72	181.6	8.59	196.1	9.95	206.4	10.88	216.7	11.88	222.8	12.57	231.0	13.51
	70	181.6	8.30	196.1	9.61	206.4	10.52	216.7	11.48	222.8	12.14	231.0	13.06
	68	181.6	8.02	196.1	9.29	206.4	10.16	216.7	11.09	222.8	11.73	231.0	12.61
	65	181.6	7.82	196.1	9.05	206.4	9.90	216.7	10.80	222.8	11.42	231.0	12.28
	62	181.6	7.65	196.1	8.85	206.4	9.68	216.7	10.56	222.8	11.17	231.0	12.00
	58	181.6	7.45	196.1	8.61	206.4	9.42	216.7	10.27	222.8	10.86	231.0	11.67
	54	181.6	7.28	196.1	8.42	206.4	9.21	216.7	10.04	222.8	10.62	231.0	11.41
	50	181.6	7.11	196.1	8.22	206.4	8.99	216.7	9.80	222.8	10.36	231.0	11.13
	40	181.6	6.92	196.1	8.00	206.4	8.74	216.7	9.52	222.8	10.07	231.0	10.82
	30	181.6	6.76	196.1	7.81	206.4	8.53	216.7	9.30	222.8	9.83	231.0	10.56
	23	181.6	6.65	196.1	7.68	206.4	8.39	216.7	9.14	222.8	9.67	231.0	10.38
	15	181.6	6.53	196.1	7.54	206.4	8.24	216.7	8.98	222.8	9.49	231.0	10.19
	5	181.6	6.41	196.1	7.41	206.4	8.09	216.7	8.82	222.8	9.32	231.0	10.01

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	81.5	9.21	88.0	10.59	92.6	11.55	97.3	12.56	100.0	13.26	104.6	14.35
	122	90.7	9.70	98.0	11.19	103.2	12.21	108.3	13.29	111.4	14.05	116.5	15.21
	118	104.4	10.49	112.7	12.14	118.7	13.28	124.6	14.48	128.1	15.32	134.0	16.61
	115	116.2	11.22	125.5	13.02	132.1	14.17	138.7	15.57	142.6	16.49	149.2	17.90
	110	133.2	12.03	143.9	14.00	151.5	15.35	159.0	16.79	163.5	17.80	171.1	19.35
	106	138.7	11.66	149.8	13.57	157.7	14.88	165.6	16.28	170.3	17.25	178.2	18.76
	103	142.7	11.38	154.1	13.24	162.3	14.52	170.4	15.88	175.2	16.83	183.3	18.30
	99	147.5	11.01	159.3	12.81	167.7	14.04	176.1	15.36	181.1	16.28	189.5	17.70
	95	152.0	10.63	164.2	12.37	172.8	13.57	181.4	14.84	186.6	15.73	195.2	17.10
	93	152.0	10.25	164.2	11.92	172.8	13.07	181.4	14.29	186.6	15.14	195.2	16.46
	91	152.0	9.88	164.2	11.49	172.8	12.59	181.4	13.77	186.6	14.59	195.2	15.85
	87	152.0	9.21	164.2	10.70	172.8	11.72	181.4	12.80	186.6	13.56	195.2	14.74
	82	152.0	8.44	164.2	9.79	172.8	10.72	181.4	11.71	186.6	12.40	195.2	13.46
	75	152.0	7.48	164.2	8.67	172.8	9.49	181.4	10.36	186.6	10.97	195.2	11.90
	72	152.0	7.10	164.2	8.23	172.8	9.01	181.4	9.83	186.6	10.40	195.2	11.29
	70	152.0	6.87	164.2	7.95	172.8	8.70	181.4	9.49	186.6	10.05	195.2	10.90
	68	152.0	6.64	164.2	7.69	172.8	8.41	181.4	9.17	186.6	9.71	195.2	10.53
	65	152.0	6.47	164.2	7.49	172.8	8.19	181.4	8.93	186.6	9.45	195.2	10.25
	62	152.0	6.33	164.2	7.32	172.8	8.01	181.4	8.73	186.6	9.24	195.2	10.02
	58	152.0	6.16	164.2	7.13	172.8	7.79	181.4	8.50	186.6	8.99	195.2	9.75
	54	152.0	6.02	164.2	6.97	172.8	7.62	181.4	8.30	186.6	8.78	195.2	9.52
	50	152.0	5.88	164.2	6.80	172.8	7.44	181.4	8.11	186.6	8.57	195.2	9.30
	40	152.0	5.72	164.2	6.62	172.8	7.23	181.4	7.88	186.6	8.33	195.2	9.03
	30	152.0	5.59	164.2	6.46	172.8	7.06	181.4	7.69	186.6	8.13	195.2	8.82
	23	152.0	5.50	164.2	6.35	172.8	6.94	181.4	7.56	186.6	8.00	195.2	8.67
	15	152.0	5.40	164.2	6.24	172.8	6.82	181.4	7.43	186.6	7.85	195.2	8.51
	5	152.0	5.30	164.2	6.13	172.8	6.69	181.4	7.29	186.6	7.71	195.2	8.36
80	125	72.4	7.87	78.2	9.06	82.3	9.88	86.4	10.74	88.9	11.34	93.0	12.27
	122	80.7	8.29	87.1	9.56	91.7	10.44	96.3	11.37	99.0	12.01	103.6	13.01
	118	92.8	8.97	100.2	10.38	105.5	11.35	110.7	12.38	113.9	13.10	119.1	14.20
	115	103.3	9.60	111.5	11.13	117.4	12.12	123.3	13.31	126.7	14.10	132.6	15.31
	110	118.4	10.29	127.9	11.97	134.6	13.13	141.4	14.36	145.4	15.22	152.1	16.55
	106	123.3	9.97	133.2	11.60	140.2	12.73	147.2	13.92	151.4	14.75	158.4	16.04
	103	126.9	9.73	137.0	11.32	144.2	12.41	151.4	13.58	155.7	14.39	162.9	15.65
	99	131.2	9.41	141.6	10.95	149.1	12.01	156.5	13.13	161.0	13.92	168.4	15.13
	95	135.1	9.09	145.9	10.58	153.6	11.60	161.3	12.69	165.8	13.45	173.5	14.62
	93	135.1	8.76	145.9	10.19	153.6	11.17	161.3	12.22	165.8	12.95	173.5	14.07
	91	135.1	8.45	145.9	9.82	153.6	10.77	161.3	11.77	165.8	12.47	173.5	13.56
	87	135.1	7.87	145.9	9.14	153.6	10.02	161.3	10.95	165.8	11.60	173.5	12.60
	82	135.1	7.21	145.9	8.37	153.6	9.17	161.3	10.01	165.8	10.60	173.5	11.51
	75	135.1	6.40	145.9	7.42	153.6	8.12	161.3	8.86	165.8	9.38	173.5	10.18
	72	135.1	6.07	145.9	7.04	153.6	7.70	161.3	8.40	165.8	8.89	173.5	9.65
	70	135.1	5.87	145.9	6.80	153.6	7.44	161.3	8.12	165.8	8.59	173.5	9.32
	68	135.1	5.67	145.9	6.57	153.6	7.19	161.3	7.84	165.8	8.30	173.5	9.00
	65	135.1	5.53	145.9	6.40	153.6	7.00	161.3	7.64	165.8	8.08	173.5	8.77
	62	135.1	5.41	145.9	6.26	153.6	6.85	161.3	7.47	165.8	7.90	173.5	8.57
	58	135.1	5.27	145.9	6.09	153.6	6.66	161.3	7.26	165.8	7.68	173.5	8.33
	54	135.1	5.15	145.9	5.96	153.6	6.51	161.3	7.10	165.8	7.51	173.5	8.14
	50	135.1	5.03	145.9	5.82	153.6	6.36	161.3	6.93	165.8	7.33	173.5	7.95
	40	135.1	4.89	145.9	5.66	153.6	6.18	161.3	6.74	165.8	7.13	173.5	7.72
	30	135.1	4.78	145.9	5.52	153.6	6.03	161.3	6.58	165.8	6.95	173.5	7.54
	23	135.1	4.70	145.9	5.43	153.6	5.94	161.3	6.47	165.8	6.84	173.5	7.41
	15	135.1	4.62	145.9	5.33	153.6	5.83	161.3	6.35	165.8	6.71	173.5	7.28
	5	135.1	4.53	145.9	5.24	153.6	5.72	161.3	6.24	165.8	6.59	173.5	7.15
70	125	63.4	6.63	68.4	7.63	72.0	8.32	75.6	9.05	77.8	9.56	81.4	10.34
	122	70.6	6.99	76.2	8.06	80.2	8.80	84.2	9.58	86.6	10.12	90.6	10.96
	118	81.2	7.56	87.7	8.75	92.3	9.57	96.9	10.43	99.6	11.04	104.3	11.97
	115	90.4	8.09	97.6	9.38	102.7	10.21	107.8	11.22	110.9	11.88	116.0	12.90
	110	103.6	8.67	111.9	10.09	117.8	11.07	123.7	12.10	127.2	12.83	133.1	13.95
	106	107.9	8.40	116.5	9.78	122.7	10.73	128.8	11.73	132.4	12.43	138.6	13.52
	103	111.0	8.20	119.9	9.54	126.2	10.46	132.5	11.44	136.3	12.13	142.6	13.19
	99	114.8	7.93	123.9	9.23	130.5	10.12	137.0	11.07	140.8	11.73	147.4	12.76
	95	118.2	7.66	127.7	8.92	134.4	9.78	141.1	10.69	145.1	11.34	151.8	12.33
	93	118.2	7.38	127.7	8.59	134.4	9.42	141.1	10.30	145.1	10.91	151.8	11.86
	91	118.2	7.12	127.7	8.28	134.4	9.08	141.1	9.92	145.1	10.51	151.8	11.43
	87	118.2	6.64	127.7	7.71	134.4	8.44	141.1	9.23	145.1	9.77	151.8	10.62
	82	118.2	6.08	127.7	7.05	134.4	7.72	141.1	8.44	145.1	8.93	151.8	9.70
	75	118.2	5.39	127.7	6.25	134.4	6.84	141.1	7.47	145.1	7.90	151.8	8.58
	72	118.2	5.12	127.7	5.93	134.4	6.49	141.1	7.08	145.1	7.50	151.8	8.13
	70	118.2	4.95	127.7	5.73	134.4	6.27	141.1	6.84	145.1	7.24	151.8	7.86
	68	118.2	4.78	127.7	5.54	134.4	6.06	141.1	6.61	145.1	6.99	151.8	7.59
	65	118.2	4.66	127.7	5.40	134.4	5.90	141.1	6.44	145.1	6.81	151.8	7.39
	62	118.2	4.56	127.7	5.28	134.4	5.77	141.1	6.29	145.1	6.66	151.8	7.22
	58	118.2	4.44	127.7	5.14	134.4	5.61	141.1	6.12	145.1	6.48	151.8	7.02
	54	118.2	4.34	127.7	5.02	134.4	5.49	141.1	5.98	145.1	6.33	151.8	6.86
	50	118.2	4.24	127.7	4.90	134.4	5.36	141.1	5.84	145.1	6.18	151.8	6.70
	40	118.2	4.13	127.7	4.77	134.4	5.21	141.1	5.68	145.1	6.01	151.8	6.51
	30	118.2	4.03	127.7	4.66	134.4	5.09	141.1	5.54	145.1	5.86	151.8	6.35
	23	118.2	3.96	127.7	4.58	134.4	5.00	141.1	5.45	145.1	5.76	151.8	6.25
	15	118.2	3.89	127.7	4.50	134.4	4.91	141.1	5.35	145.1	5.66	151.8	6.13
	5	118.2	3.82	127.7	4.42	134.4	4.82	141.1	5.26	145.1	5.56	151.8	6.02

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP2161FT6P-UL/MMY-UP2161FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
100	125	101.8	12.53	110.0	14.35	115.8	15.60	121.6	16.91	125.0	17.81	130.8	19.21		
	122	113.4	13.16	122.5	15.10	129.0	16.43	135.4	17.82	139.2	18.79	145.7	20.28		
	118	130.5	14.17	140.9	16.30	148.3	17.76	155.7	19.29	160.1	20.36	167.5	22.00		
	115	145.2	15.10	156.8	17.40	165.1	18.87	173.3	20.63	178.2	21.79	186.5	23.56		
	110	166.5	16.09	179.9	18.59	189.3	20.30	198.8	22.11	204.4	23.36	213.9	25.30		
	106	173.4	15.60	187.3	18.02	197.2	19.68	207.0	21.43	212.9	22.65	222.7	24.52		
	103	178.4	15.22	192.7	17.58	202.8	19.20	213.0	20.90	219.0	22.09	229.1	23.92		
	99	184.4	14.72	199.2	17.00	209.7	18.57	220.1	20.22	226.4	21.37	236.8	23.14		
	95	190.0	14.22	205.2	16.43	216.0	17.94	226.8	19.54	233.2	20.65	244.0	22.36		
	93	190.0	13.72	205.2	15.84	216.0	17.30	226.8	18.83	233.2	19.90	244.0	21.54		
	91	190.0	13.24	205.2	15.29	216.0	16.69	226.8	18.16	233.2	19.19	244.0	20.77		
	87	190.0	12.36	205.2	14.26	216.0	15.56	226.8	16.93	233.2	17.88	244.0	19.35		
	82	190.0	11.34	205.2	13.07	216.0	14.26	226.8	15.51	233.2	16.38	244.0	17.71		
	75	190.0	10.08	205.2	11.61	216.0	12.66	226.8	13.76	233.2	14.53	244.0	15.71		
	72	190.0	9.58	205.2	11.03	216.0	12.02	226.8	13.06	233.2	13.79	244.0	14.90		
	70	190.0	9.26	205.2	10.66	216.0	11.62	226.8	12.63	233.2	13.33	244.0	14.40		
	68	190.0	8.96	205.2	10.31	216.0	11.23	226.8	12.20	233.2	12.88	244.0	13.92		
	65	190.0	8.73	205.2	10.05	216.0	10.94	226.8	11.89	233.2	12.55	244.0	13.56		
	62	190.0	8.55	205.2	9.83	216.0	10.71	226.8	11.64	233.2	12.28	244.0	13.27		
	58	190.0	8.33	205.2	9.57	216.0	10.43	226.8	11.33	233.2	11.95	244.0	12.91		
	54	190.0	8.15	205.2	9.36	216.0	10.20	226.8	11.08	233.2	11.69	244.0	12.62		
	50	190.0	7.96	205.2	9.15	216.0	9.96	226.8	10.82	233.2	11.41	244.0	12.33		
	40	190.0	7.75	205.2	8.90	216.0	9.69	226.8	10.52	233.2	11.10	244.0	11.99		
	30	190.0	7.57	205.2	8.69	216.0	9.47	226.8	10.28	233.2	10.84	244.0	11.71		
	23	190.0	7.45	205.2	8.55	216.0	9.31	226.8	10.11	233.2	10.66	244.0	11.51		
	15	190.0	7.31	205.2	8.40	216.0	9.14	226.8	9.93	233.2	10.47	244.0	11.31		
	5	190.0	7.18	205.2	8.25	216.0	8.98	226.8	9.75	233.2	10.28	244.0	11.10		
110	125	103.9	12.66	112.2	14.50	118.1	15.76	124.0	17.08	127.5	17.99	133.4	19.40		
	122	115.7	13.30	125.0	15.25	131.5	16.59	138.1	18.00	142.0	18.98	148.6	20.48		
	118	133.1	14.32	143.7	16.47	151.3	17.94	158.8	19.49	163.3	20.57	170.9	22.22		
	115	148.1	15.25	160.0	17.57	168.4	19.07	176.8	20.84	181.8	22.01	190.2	23.81		
	110	169.9	16.26	183.5	18.78	193.1	20.51	202.8	22.33	208.5	23.60	218.1	25.56		
	106	176.9	15.76	191.0	18.21	201.1	19.88	211.2	21.65	217.1	22.88	227.2	24.77		
	103	182.0	15.37	196.5	17.76	206.9	19.39	217.2	21.12	223.4	22.32	233.7	24.17		
	99	188.1	14.87	203.2	17.18	213.8	18.76	224.5	20.43	230.9	21.59	241.6	23.37		
	95	193.8	14.37	209.3	16.60	220.3	18.12	231.3	19.74	237.9	20.86	248.9	22.58		
	93	193.8	13.86	209.3	16.00	220.3	17.47	231.3	19.02	237.9	20.10	248.9	21.76		
	91	193.8	13.38	209.3	15.44	220.3	16.86	231.3	18.35	237.9	19.39	248.9	20.98		
	87	193.8	12.49	209.3	14.40	220.3	15.72	231.3	17.10	237.9	18.06	248.9	19.54		
	82	193.8	11.46	209.3	13.21	220.3	14.41	231.3	15.67	237.9	16.55	248.9	17.90		
	75	193.8	10.19	209.3	11.73	220.3	12.79	231.3	13.90	237.9	14.68	248.9	15.87		
	72	193.8	9.68	209.3	11.14	220.3	12.14	231.3	13.20	237.9	13.93	248.9	15.06		
	70	193.8	9.36	209.3	10.77	220.3	11.74	231.3	12.76	237.9	13.46	248.9	14.55		
	68	193.8	9.05	209.3	10.41	220.3	11.34	231.3	12.33	237.9	13.01	248.9	14.06		
	65	193.8	8.82	209.3	10.15	220.3	11.06	231.3	12.01	237.9	12.68	248.9	13.70		
	62	193.8	8.63	209.3	9.93	220.3	10.82	231.3	11.75	237.9	12.40	248.9	13.40		
	58	193.8	8.41	209.3	9.67	220.3	10.53	231.3	11.44	237.9	12.07	248.9	13.04		
	54	193.8	8.23	209.3	9.46	220.3	10.30	231.3	11.19	237.9	11.81	248.9	12.75		
	50	193.8	8.04	209.3	9.24	220.3	10.06	231.3	10.93	237.9	11.53	248.9	12.45		
	40	193.8	7.83	209.3	8.99	220.3	9.79	231.3	10.63	237.9	11.22	248.9	12.11		
	30	193.8	7.65	209.3	8.78	220.3	9.56	231.3	10.38	237.9	10.95	248.9	11.83		
	23	193.8	7.52	209.3	8.64	220.3	9.41	231.3	10.21	237.9	10.77	248.9	11.63		
	15	193.8	7.39	209.3	8.48	220.3	9.24	231.3	10.03	237.9	10.58	248.9	11.42		
	5	193.8	7.25	209.3	8.33	220.3	9.07	231.3	9.85	237.9	10.39	248.9	11.22		
120	125	106.9	12.91	115.5	14.78	121.6	16.06	127.6	17.41	131.2	18.35	137.3	19.78		
	122	119.1	13.56	128.6	15.55	135.4	16.92	142.2	18.36	146.2	19.35	153.0	20.88		
	118	137.0	14.60	147.9	16.79	155.7	18.29	163.5	19.87	168.1	20.97	175.9	22.66		
	115	152.5	15.55	164.7	17.92	173.3	19.44	182.0	21.25	187.1	22.44	195.8	24.27		
	110	174.9	16.58	188.9	19.15	198.8	20.91	208.7	22.77	214.6	24.07	224.6	26.06		
	106	182.1	16.07	196.7	18.56	207.0	20.27	217.4	22.07	223.5	23.33	233.8	25.26		
	103	187.3	15.67	202.3	18.11	213.0	19.77	223.6	21.53	229.9	22.76	240.6	24.64		
	99	193.6	15.16	209.1	17.52	220.1	19.13	231.1	20.83	237.7	22.01	248.7	23.83		
	95	199.5	14.65	215.5	16.92	226.8	18.48	238.1	20.12	244.9	21.27	256.2	23.03		
	93	199.5	14.13	215.5	16.32	226.8	17.82	238.1	19.40	244.9	20.50	256.2	22.19		
	91	199.5	13.64	215.5	15.75	226.8	17.19	238.1	18.71	244.9	19.77	256.2	21.40		
	87	199.5	12.73	215.5	14.69	226.8	16.02	238.1	17.44	244.9	18.42	256.2	19.93		
	82	199.5	11.68	215.5	13.47	226.8	14.69	238.1	15.98	244.9	16.87	256.2	18.25		
	75	199.5	10.39	215.5	11.96	226.8	13.04	238.1	14.17	244.9	14.96	256.2	16.18		
	72	199.5	9.87	215.5	11.36	226.8	12.38	238.1	13.45	244.9	14.20	256.2	15.35		
	70	199.5	9.54	215.5	10.98	226.8	11.97	238.1	13.01	244.9	13.73	256.2	14.84		
	68	199.5	9.23	215.5	10.62	226.8	11.57	238.1	12.57	244.9	13.27	256.2	14.34		
	65	199.5	8.99	215.5	10.35	226.8	11.27	238.1	12.25	244.9	12.93	256.2	13.97		
	62	199.5	8.80	215.5	10.13	226.8	11.03	238.1	11.99	244.9	12.65	256.2	13.67		
	58	199.5	8.58	215.5	9.86	226.8	10.74	238.1	11.67	244.9	12.31	256.2	13.30		
	54	199.5	8.39	215.5	9.65	226.8	10.50	238.1	11.41	244.9	12.04	256.2	13.00		
	50	199.5	8.20	215.5	9.42	226.8	10.26	238.1	11.14	244.9	11.76	256.2	12.70		
	40	199.5	7.98	215.5	9.17	226.8	9.98	238.1	10.84	244.9	11.44	256.2	12.35		
	30	199.5	7.80	215.5	8.96	226.8	9.75	238.1	10.59	244.9	11.17	256.2	12.06		
	23	199.5	7.67	215.5	8.81	226.8	9.59	238.1	10.41	244.9	10.98	256.2	11.86		
	15	199.5	7.53	215.5	8.65	226.8	9.42	238.1	10.22	244.9	10.78	256.2	11.65		
	5	199.5	7.40	215.5	8.50	226.8	9.25	238.1	10.04	244.9	10.59	256.2	11.44		
130	125	109.5	13.09	118.2	14.99	124.5	16.29	130.7	17.66	134.4	18.61	139.3	19.88		
	122	121.9	13.75	131.7	15.77	138.6	17.16	145.6	18.62	149.7	19.63	155.1	20.98		
	118	140.2	14.81	151.5	17.03	159.4	18.55	167.4	20.15	172.1	21.27	178.4	22.76		
	115	156.1	15.77	168.6	18.17	177.5	19.72	186.3	21.56	191.6	22.76	198.6	24.39		
	110	179.0	16.81	193.3	19.42	203.5	21.21	213.7	23.09	219.7	24.41	227.8	26.18		
	106	186.4	16.30	201.3	18.83	211.9	20.56	222.5	22.39	228.8	23.66	237.2	25.38		
	103	191.8	15.90	207.1	18.36	218.0	20.05	228.9	21.84	235.4	23.08	244.0	24.76		
	99	198.3	15.38	214.1	17.76	225.4	19.40	236.6	21.12	243.3	22.32	252.2	23.95		
	95	204.3	14.86	220.6	17.16	232.2	18.74	243.8	20.41	250.7	21.57	259.9	23.14		
	93	204.3	14.33	220.6	16.55	232.2	18.07	243.8	19.67	250.7	20.79	259.9	22.29		
	91	204.3	13.84	220.6	15.97	232.2	17.43	243.8	18.98	250.7	20.05	259.9	21.50		
	87	204.3	12.91	220.6	14.89	232.2	16.25	243.8	17.68	250.7	18.68	259.9	20.02		
	82	204.3	11.85	220.6	13.66	232.2	14.90	243.8	16.20	250.7	17.11	259.9	18.33		
	75	204.3	10.53	220.6	12.13	232.2	13.22	243.8	14.38	250.7	15.18	259.9	16.25		
	72	204.3	10.01	220.6	11.52	232.2	12.55	243.8	13.65	250.7	14.40	259.9	15.42		
	70	204.3	9.68	220.6	11.14	232.2	12.14	243.8	13.19	250.7	13.92	259.9	14.91		
	68	204.3	9.36	220.6	10.77	232.2	11.73	243.8	12.75	250.7	13.46	259.9	14.41		
	65	204.3	9.12	220.6	10.49	232.2	11.43	243.8	12.42	250.7	13.11	259.9	14.04		
	62	204.3	8.93	220.6	10.27	232.2	11.19	243.8	12.16	250.7	12.83	259.9	13.73		
	58	204.3	8.70	220.6	10.00	232.2	10.89	243.8	11.83	250.7	12.48	259.9	13.36		
	54	204.3	8.51	220.6	9.78	232.2	10.65	243.8	11.57	250.7	12.21	259.9	13.07		
	50	204.3	8.31	220.6	9.56	232.2	10.41	243.8	11.30	250.7	11.92	259.9	12.76		
	40	204.3	8.09	220.6	9.30	232.2	10.13	243.8	10.99	250.7	11.60	259.9	12.41		
	30	204.3	7.91	220.6	9.08	232.2	9.89	243.8	10.74	250.7	11.32	259.9	12.12		
	23	204.3	7.78	220.6	8.94	232.2	9.73	243.8	10.56	250.7	11.14	259.9	11.92		
	15	204.3	7.64	220.6	8.77	232.2	9.55	243.8	10.37	250.7	10.94	259.9	11.70		
	5	204.3	7.50	220.6	8.62	232.2	9.38	243.8	10.18	250.7	10.74	259.9	11.49		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
90	125	91.7	10.83	99.0	12.40	104.2	13.48	109.4	14.61	112.5	15.40	117.7	16.60		
	122	102.1	11.38	110.3	13.05	116.1	14.20	121.9	15.40	125.3	16.24	131.1	17.52		
	118	117.4	12.25	126.8	14.09	133.5	15.35	140.2	16.67	144.1	17.59	150.8	19.01		
	115	130.7	13.05	141.1	15.04	148.6	16.31	156.0	17.83	160.4	18.83	167.8	20.37		
	110	149.9	13.91	161.9	16.07	170.4	17.55	178.9	19.11	184.0	20.19	192.5	21.86		
	106	156.1	13.48	168.6	15.58	177.4	17.01	186.3	18.52	191.6	19.57	200.4	21.19		
	103	160.6	13.15	173.4	15.19	182.5	16.59	191.7	18.07	197.1	19.09	206.2	20.67		
	99	166.0	12.72	179.3	14.70	188.7	16.05	198.1	17.48	203.7	18.47	213.2	20.00		
	95	171.0	12.29	184.7	14.20	194.4	15.51	204.1	16.89	209.9	17.84	219.6	19.32		
	93	171.0	11.86	184.7	13.69	194.4	14.95	204.1	16.28	209.9	17.20	219.6	18.62		
	91	171.0	11.45	184.7	13.21	194.4	14.42	204.1	15.70	209.9	16.59	219.6	17.95		
	87	171.0	10.68	184.7	12.32	194.4	13.45	204.1	14.63	209.9	15.45	219.6	16.72		
	82	171.0	9.80	184.7	11.30	194.4	12.32	204.1	13.41	209.9	14.16	219.6	15.31		
	75	171.0	8.72	184.7	10.04	194.4	10.94	204.1	11.89	209.9	12.56	219.6	13.57		
	72	171.0	8.28	184.7	9.53	194.4	10.39	204.1	11.29	209.9	11.92	219.6	12.88		
	70	171.0	8.01	184.7	9.21	194.4	10.04	204.1	10.91	209.9	11.52	219.6	12.45		
	68	171.0	7.74	184.7	8.91	194.4	9.71	204.1	10.55	209.9	11.13	219.6	12.03		
	65	171.0	7.55	184.7	8.68	194.4	9.46	204.1	10.28	209.9	10.85	219.6	11.72		
	62	171.0	7.39	184.7	8.50	194.4	9.26	204.1	10.06	209.9	10.61	219.6	11.47		
	58	171.0	7.20	184.7	8.27	194.4	9.01	204.1	9.79	209.9	10.33	219.6	11.16		
	54	171.0	7.04	184.7	8.09	194.4	8.81	204.1	9.57	209.9	10.10	219.6	10.91		
	50	171.0	6.88	184.7	7.91	194.4	8.61	204.1	9.35	209.9	9.86	219.6	10.66		
	40	171.0	6.70	184.7	7.69	194.4	8.38	204.1	9.10	209.9	9.60	219.6	10.36		
	30	171.0	6.54	184.7	7.51	194.4	8.18	204.1	8.88	209.9	9.37	219.6	10.12		
	23	171.0	6.44	184.7	7.39	194.4	8.05	204.1	8.74	209.9	9.22	219.6	9.95		
	15	171.0	6.32	184.7	7.26	194.4	7.90	204.1	8.58	209.9	9.05	219.6	9.77		
	5	171.0	6.21	184.7	7.13	194.4	7.76	204.1	8.43	209.9	8.89	219.6	9.60		
80	125	81.5	9.26	88.0	10.61	92.6	11.53	97.3	12.49	100.0	13.16	104.6	14.19		
	122	90.7	9.73	98.0	11.16	103.2	12.14	108.3	13.17	111.4	13.88	116.5	14.98		
	118	104.4	10.47	112.7	12.05	118.7	13.12	124.6	14.26	128.1	15.04	134.0	16.25		
	115	116.2	11.16	125.5	12.86	132.1	13.95	138.7	15.25	142.6	16.10	149.2	17.41		
	110	133.2	11.89	143.9	13.74	151.5	15.00	159.0	16.34	163.5	17.26	171.1	18.69		
	106	138.7	11.53	149.8	13.32	157.7	14.54	165.6	15.84	170.3	16.73	178.2	18.12		
	103	142.7	11.25	154.1	12.99	162.3	14.19	170.4	15.45	175.2	16.33	183.3	17.68		
	99	147.5	10.88	159.3	12.57	167.7	13.72	176.1	14.94	181.1	15.79	189.5	17.10		
	95	152.0	10.51	164.2	12.14	172.8	13.26	181.4	14.44	186.6	15.26	195.2	16.52		
	93	152.0	10.14	164.2	11.71	172.8	12.78	181.4	13.92	186.6	14.70	195.2	15.92		
	91	152.0	9.79	164.2	11.30	172.8	12.33	181.4	13.42	186.6	14.18	195.2	15.35		
	87	152.0	9.13	164.2	10.54	172.8	11.50	181.4	12.51	186.6	13.21	195.2	14.30		
	82	152.0	8.38	164.2	9.66	172.8	10.54	181.4	11.46	186.6	12.10	195.2	13.09		
	75	152.0	7.45	164.2	8.58	172.8	9.35	181.4	10.17	186.6	10.73	195.2	11.61		
	72	152.0	7.08	164.2	8.15	172.8	8.88	181.4	9.65	186.6	10.19	195.2	11.01		
	70	152.0	6.85	164.2	7.88	172.8	8.59	181.4	9.33	186.6	9.85	195.2	10.64		
	68	152.0	6.62	164.2	7.62	172.8	8.30	181.4	9.02	186.6	9.52	195.2	10.29		
	65	152.0	6.45	164.2	7.42	172.8	8.09	181.4	8.79	186.6	9.27	195.2	10.02		
	62	152.0	6.32	164.2	7.27	172.8	7.91	181.4	8.60	186.6	9.07	195.2	9.80		
	58	152.0	6.15	164.2	7.07	172.8	7.71	181.4	8.37	186.6	8.83	195.2	9.54		
	54	152.0	6.02	164.2	6.92	172.8	7.54	181.4	8.19	186.6	8.64	195.2	9.33		
	50	152.0	5.88	164.2	6.76	172.8	7.36	181.4	7.99	186.6	8.43	195.2	9.11		
	40	152.0	5.73	164.2	6.58	172.8	7.16	181.4	7.78	186.6	8.20	195.2	8.86		
	30	152.0	5.59	164.2	6.43	172.8	6.99	181.4	7.59	186.6	8.01	195.2	8.65		
	23	152.0	5.50	164.2	6.32	172.8	6.88	181.4	7.47	186.6	7.88	195.2	8.51		
	15	152.0	5.40	164.2	6.21	172.8	6.76	181.4	7.34	186.6	7.74	195.2	8.35		
	5	152.0	5.31	164.2	6.10	172.8	6.64	181.4	7.20	186.6	7.60	195.2	8.20		
70	125	71.3	7.81	77.0	8.94	81.0	9.71	85.1	10.53	87.5	11.09	91.6	11.96		
	122	79.4	8.20	85.8	9.40	90.3	10.23	94.8	11.10	97.5	11.70	102.0	12.63		
	118	91.3	8.83	98.6	10.15	103.8	11.06	109.0	12.02	112.1	12.68	117.3	13.70		
	115	101.6	9.40	109.8	10.84	115.5	11.75	121.3	12.85	124.8	13.57	130.5	14.68		
	110	116.6	10.02	125.9	11.58	132.5	12.64	139.2	13.77	143.1	14.55	149.7	15.76		
	106	121.4	9.72	131.1	11.22	138.0	12.26	144.9	13.35	149.0	14.11	155.9	15.27		
	103	124.9	9.48	134.9	10.95	142.0	11.96	149.1	13.02	153.3	13.76	160.4	14.90		
	99	129.1	9.17	139.4	10.59	146.8	11.57	154.1	12.59	158.4	13.31	165.8	14.41		
	95	133.0	8.86	143.6	10.23	151.2	11.17	158.8	12.17	163.2	12.86	170.8	13.92		
	93	133.0	8.54	143.6	9.87	151.2	10.77	158.8	11.73	163.2	12.39	170.8	13.42		
	91	133.0	8.25	143.6	9.52	151.2	10.39	158.8	11.31	163.2	11.95	170.8	12.94		
	87	133.0	7.70	143.6	8.88	151.2	9.69	158.8	10.54	163.2	11.14	170.8	12.05		
	82	133.0	7.07	143.6	8.14	151.2	8.88	158.8	9.66	163.2	10.20	170.8	11.03		
	75	133.0	6.28	143.6	7.23	151.2	7.88	158.8	8.57	163.2	9.05	170.8	9.78		
	72	133.0	5.97	143.6	6.87	151.2	7.48	158.8	8.14	163.2	8.59	170.8	9.28		
	70	133.0	5.77	143.6	6.64	151.2	7.24	158.8	7.86	163.2	8.30	170.8	8.97		
	68	133.0	5.58	143.6	6.42	151.2	6.99	158.8	7.60	163.2	8.02	170.8	8.67		
	65	133.0	5.44	143.6	6.26	151.2	6.82	158.8	7.41	163.2	7.82	170.8	8.45		
	62	133.0	5.32	143.6	6.12	151.2	6.67	158.8	7.25	163.2	7.65	170.8	8.26		
	58	133.0	5.19	143.6	5.96	151.2	6.49	158.8	7.05	163.2	7.44	170.8	8.04		
	54	133.0	5.07	143.6	5.83	151.2	6.35	158.8	6.90	163.2	7.28	170.8	7.86		
	50	133.0	4.96	143.6	5.70	151.2	6.20	158.8	6.74	163.2	7.11	170.8	7.68		
	40	133.0	4.83	143.6	5.54	151.2	6.04	158.8	6.56	163.2	6.91	170.8	7.47		
	30	133.0	4.71	143.6	5.42	151.2	5.90	158.8	6.40	163.2	6.75	170.8	7.29		
	23	133.0	4.64	143.6	5.33	151.2	5.80	158.8	6.30	163.2	6.64	170.8	7.17		
	15	133.0	4.55	143.6	5.23	151.2	5.69	158.8	6.18	163.2	6.52	170.8	7.04		
	5	133.0	4.47	143.6	5.14	151.2	5.59	158.8	6.07	163.2	6.40	170.8	6.92		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as

COOLING (°F)

MMY-UP2401FT6P-UL/MMY-UP2401FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	113.2	13.86	122.2	15.89	128.6	17.29	135.1	18.77	138.9	19.81	145.4	21.39
	122	126.1	14.57	136.1	16.74	143.3	18.24	150.4	19.82	154.7	20.93	161.9	22.63
	118	145.0	15.72	156.6	18.12	164.8	19.77	173.0	21.52	178.0	22.75	186.2	24.64
	115	161.4	16.77	174.2	19.38	183.4	21.08	192.6	23.09	198.1	24.43	207.3	26.48
	110	185.1	17.93	199.8	20.78	210.4	22.74	220.9	24.83	227.2	26.29	237.7	28.54
	106	192.8	17.38	208.1	20.14	219.1	22.05	230.0	24.07	236.6	25.49	247.5	27.67
	103	198.3	16.95	214.1	19.65	225.4	21.51	236.6	23.48	243.4	24.86	254.7	26.99
	99	205.0	16.40	221.3	19.01	233.0	20.80	244.6	22.71	251.6	24.05	263.2	26.11
	95	211.2	15.84	228.0	18.36	240.0	20.10	252.0	21.94	259.2	23.24	271.2	25.22
	93	211.2	15.28	228.0	17.70	240.0	19.37	252.0	21.14	259.2	22.38	271.2	24.29
	91	211.2	14.74	228.0	17.07	240.0	18.67	252.0	20.37	259.2	21.57	271.2	23.40
	87	211.2	13.75	228.0	15.90	240.0	17.39	252.0	18.97	259.2	20.07	271.2	21.77
	82	211.2	12.61	228.0	14.57	240.0	15.92	252.0	17.36	259.2	18.37	271.2	19.91
	75	211.2	11.20	228.0	12.92	240.0	14.12	252.0	15.38	259.2	16.27	271.2	17.62
	72	211.2	10.63	228.0	12.27	240.0	13.40	252.0	14.59	259.2	15.43	271.2	16.72
	70	211.2	10.28	228.0	11.86	240.0	12.95	252.0	14.10	259.2	14.91	271.2	16.15
	68	211.2	9.94	228.0	11.46	240.0	12.51	252.0	13.63	259.2	14.41	271.2	15.60
	65	211.2	9.69	228.0	11.17	240.0	12.19	252.0	13.27	259.2	14.03	271.2	15.20
	62	211.2	9.48	228.0	10.93	240.0	11.93	252.0	12.98	259.2	13.72	271.2	14.86
	58	211.2	9.23	228.0	10.64	240.0	11.61	252.0	12.63	259.2	13.35	271.2	14.46
	54	211.2	9.03	228.0	10.40	240.0	11.35	252.0	12.35	259.2	13.05	271.2	14.13
	50	211.2	8.82	228.0	10.16	240.0	11.08	252.0	12.06	259.2	12.75	271.2	13.80
	40	211.2	8.59	228.0	9.89	240.0	10.78	252.0	11.73	259.2	12.39	271.2	13.41
	30	211.2	8.39	228.0	9.65	240.0	10.53	252.0	11.45	259.2	12.10	271.2	13.09
	23	211.2	8.25	228.0	9.50	240.0	10.35	252.0	11.26	259.2	11.90	271.2	12.87
	15	211.2	8.10	228.0	9.32	240.0	10.17	252.0	11.06	259.2	11.68	271.2	12.64
	5	211.2	7.96	228.0	9.16	240.0	9.98	252.0	10.86	259.2	11.47	271.2	12.41
110	125	115.5	14.01	124.7	16.05	131.2	17.47	137.8	18.96	141.7	20.01	148.3	21.61
	122	128.6	14.72	138.8	16.91	146.1	18.43	153.5	20.02	157.8	21.15	165.1	22.86
	118	147.9	15.88	159.7	18.30	168.1	19.98	176.5	21.74	181.5	22.99	189.9	24.89
	115	164.6	16.94	177.7	19.58	187.1	21.30	196.4	23.32	202.0	24.68	211.4	26.75
	110	188.8	18.11	203.8	20.99	214.6	22.98	225.3	25.08	231.7	26.56	242.5	28.83
	106	196.6	17.56	212.3	20.35	223.4	22.27	234.6	24.31	241.3	25.75	252.5	27.95
	103	202.3	17.13	218.4	19.85	229.9	21.73	241.4	23.72	248.3	25.12	259.7	27.26
	99	209.1	16.57	225.7	19.20	237.6	21.02	249.5	22.94	256.6	24.30	268.5	26.37
	95	215.4	16.01	232.6	18.55	244.8	20.31	257.0	22.17	264.4	23.48	276.6	25.48
	93	215.4	15.43	232.6	17.88	244.8	19.56	257.0	21.35	264.4	22.61	276.6	24.54
	91	215.4	14.89	232.6	17.24	244.8	18.86	257.0	20.58	264.4	21.79	276.6	23.64
	87	215.4	13.89	232.6	16.07	244.8	17.57	257.0	19.16	264.4	20.28	276.6	21.99
	82	215.4	12.73	232.6	14.72	244.8	16.09	257.0	17.53	264.4	18.55	276.6	20.11
	75	215.4	11.31	232.6	13.06	244.8	14.26	257.0	15.54	264.4	16.43	276.6	17.80
	72	215.4	10.74	232.6	12.39	244.8	13.53	257.0	14.74	264.4	15.59	276.6	16.89
	70	215.4	10.38	232.6	11.98	244.8	13.08	257.0	14.25	264.4	15.06	276.6	16.32
	68	215.4	10.04	232.6	11.58	244.8	12.64	257.0	13.76	264.4	14.55	276.6	15.76
	65	215.4	9.79	232.6	11.28	244.8	12.32	257.0	13.41	264.4	14.18	276.6	15.35
	62	215.4	9.58	232.6	11.04	244.8	12.05	257.0	13.12	264.4	13.87	276.6	15.01
	58	215.4	9.33	232.6	10.75	244.8	11.73	257.0	12.76	264.4	13.49	276.6	14.60
	54	215.4	9.12	232.6	10.51	244.8	11.47	257.0	12.48	264.4	13.19	276.6	14.27
	50	215.4	8.91	232.6	10.27	244.8	11.20	257.0	12.18	264.4	12.88	276.6	13.94
	40	215.4	8.67	232.6	9.99	244.8	10.89	257.0	11.85	264.4	12.52	276.6	13.55
	30	215.4	8.47	232.6	9.75	244.8	10.63	257.0	11.57	264.4	12.22	276.6	13.22
	23	215.4	8.34	232.6	9.59	244.8	10.46	257.0	11.38	264.4	12.02	276.6	13.01
	15	215.4	8.18	232.6	9.42	244.8	10.27	257.0	11.17	264.4	11.80	276.6	12.77
	5	215.4	8.04	232.6	9.25	244.8	10.09	257.0	10.97	264.4	11.59	276.6	12.54
120	125	118.9	14.28	128.3	16.37	135.1	17.81	141.8	19.33	145.9	20.40	152.6	22.03
	122	132.4	15.01	142.9	17.25	150.4	18.79	158.0	20.42	162.5	21.56	170.0	23.31
	118	152.3	16.19	164.4	18.66	173.0	20.37	181.7	22.17	186.9	23.44	195.5	25.38
	115	169.5	17.28	183.0	19.96	192.6	21.72	202.2	23.78	208.0	25.16	217.6	27.27
	110	194.4	18.47	209.8	21.40	220.9	23.43	231.9	25.57	238.5	27.09	249.6	29.40
	106	202.4	17.90	218.5	20.75	230.0	22.71	241.5	24.79	248.4	26.25	259.9	28.50
	103	208.2	17.46	224.8	20.24	236.6	22.15	248.5	24.18	255.6	25.61	267.4	27.80
	99	215.2	16.89	232.4	19.58	244.6	21.43	256.8	23.39	264.2	24.77	276.4	26.89
	95	221.8	16.32	239.4	18.91	252.0	20.70	264.6	22.60	272.2	23.94	284.8	25.98
	93	221.8	15.74	239.4	18.23	252.0	19.95	264.6	21.77	272.2	23.05	284.8	25.02
	91	221.8	15.18	239.4	17.58	252.0	19.23	264.6	20.99	272.2	22.22	284.8	24.11
	87	221.8	14.16	239.4	16.38	252.0	17.91	264.6	19.54	272.2	20.68	284.8	22.43
	82	221.8	12.99	239.4	15.01	252.0	16.40	264.6	17.88	272.2	18.92	284.8	20.51
	75	221.8	11.53	239.4	13.31	252.0	14.54	264.6	15.84	272.2	16.76	284.8	18.15
	72	221.8	10.95	239.4	12.64	252.0	13.80	264.6	15.03	272.2	15.90	284.8	17.22
	70	221.8	10.59	239.4	12.22	252.0	13.34	264.6	14.53	272.2	15.36	284.8	16.64
	68	221.8	10.24	239.4	11.81	252.0	12.89	264.6	14.04	272.2	14.84	284.8	16.07
	65	221.8	9.98	239.4	11.50	252.0	12.56	264.6	13.67	272.2	14.45	284.8	15.65
	62	221.8	9.77	239.4	11.26	252.0	12.28	264.6	13.37	272.2	14.14	284.8	15.31
	58	221.8	9.51	239.4	10.96	252.0	11.96	264.6	13.01	272.2	13.76	284.8	14.89
	54	221.8	9.30	239.4	10.72	252.0	11.69	264.6	12.72	272.2	13.45	284.8	14.56
	50	221.8	9.09	239.4	10.47	252.0	11.42	264.6	12.42	272.2	13.13	284.8	14.21
	40	221.8	8.84	239.4	10.18	252.0	11.10	264.6	12.08	272.2	12.77	284.8	13.81
	30	221.8	8.64	239.4	9.94	252.0	10.84	264.6	11.79	272.2	12.46	284.8	13.48
	23	221.8	8.50	239.4	9.78	252.0	10.67	264.6	11.60	272.2	12.26	284.8	13.26
	15	221.8	8.35	239.4	9.60	252.0	10.47	264.6	11.39	272.2	12.03	284.8	13.02
	5	221.8	8.20	239.4	9.43	252.0	10.28	264.6	11.19	272.2	11.82	284.8	12.79
130	125	121.7	14.48	131.4	16.60	138.3	18.06	145.2	19.61	149.4	20.69	154.8	22.14
	122	135.5	15.22	146.3	17.49	154.0	19.05	161.7	20.71	166.3	21.87	172.4	23.42
	118	155.9	16.42	168.3	18.93	177.2	20.66	186.0	22.49	191.3	23.77	198.3	25.50
	115	173.5	17.52	187.3	20.25	197.2	22.02	207.0	24.12	212.9	25.52	220.7	27.40
	110	199.0	18.73	214.8	21.71	226.1	23.76	237.4	25.94	244.2	27.47	253.2	29.54
	106	207.2	18.16	223.7	21.04	235.5	23.03	247.3	25.14	254.3	26.63	263.6	28.63
	103	213.2	17.71	230.1	20.53	242.3	22.47	254.4	24.53	261.6	25.97	271.2	27.93
	99	220.4	17.13	237.9	19.86	250.4	21.73	262.9	23.72	270.5	25.13	280.3	27.02
	95	227.0	16.55	245.1	19.18	258.0	21.00	270.9	22.92	278.6	24.28	288.8	26.11
	93	227.0	15.96	245.1	18.49	258.0	20.23	270.9	22.08	278.6	23.38	288.8	25.14
	91	227.0	15.40	245.1	17.83	258.0	19.51	270.9	21.28	278.6	22.53	288.8	24.22
	87	227.0	14.36	245.1	16.61	258.0	18.17	270.9	19.81	278.6	20.97	288.8	22.53
	82	227.0	13.17	245.1	15.22	258.0	16.63	270.9	18.13	278.6	19.19	288.8	20.60
	75	227.0	11.70	245.1	13.50	258.0	14.75	270.9	16.07	278.6	16.99	288.8	18.24
	72	227.0	11.11	245.1	12.82	258.0	14.00	270.9	15.24	278.6	16.12	288.8	17.30
	70	227.0	10.74	245.1	12.39	258.0	13.53	270.9	14.73	278.6	15.58	288.8	16.72
	68	227.0	10.38	245.1	11.97	258.0	13.07	270.9	14.23	278.6	15.05	288.8	16.15
	65	227.0	10.12	245.1	11.67	258.0	12.74	270.9	13.87	278.6	14.66	288.8	15.73
	62	227.0	9.90	245.1	11.42	258.0	12.46	270.9	13.56	278.6	14.34	288.8	15.38
	58	227.0	9.64	245.1	11.11	258.0	12.13	270.9	13.20	278.6	13.95	288.8	14.96
	54	227.0	9.43	245.1	10.87	258.0	11.86	270.9	12.90	278.6	13.64	288.8	14.62
	50	227.0	9.22	245.1	10.62	258.0	11.58	270.9	12.60	278.6	13.32	288.8	14.28
	40	227.0	8.97	245.1	10.33	258.0	11.26	270.9	12.25	278.6	12.95	288.8	13.88
	30	227.0	8.76	245.1	10.08	258.0	11.00	270.9	11.96	278.6	12.64	288.8	13.55
	23	227.0	8.62	245.1	9.92	258.0	10.82	270.9	11.76	278.6	12.43	288.8	13.32
	15	227.0	8.46	245.1	9.74	258.0	10.62	270.9	11.55	278.6	12.21	288.8	13.08
	5	227.0	8.31	245.1	9.57	258.0	10.43	270.9	11.34	278.6	11.99	288.8	12.85

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	101.9	11.98	110.0	13.74	115.8	14.95	121.6	16.22	125.0	17.12	130.8	18.49
	122	113.5	12.60	122.5	14.47	129.0	15.76	135.4	17.13	139.3	18.09	145.7	19.56
	118	130.5	13.59	140.9	15.66	148.3	17.09	155.7	18.60	160.2	19.67	167.6	21.29
	115	145.3	14.50	156.8	16.75	165.1	18.22	173.3	19.95	178.3	21.11	186.5	22.89
	110	166.6	15.50	179.9	17.96	189.3	19.66	198.8	21.46	204.5	22.73	213.9	24.67
	106	173.5	15.02	187.3	17.41	197.2	19.06	207.0	20.80	212.9	22.03	222.8	23.91
	103	178.5	14.65	192.7	16.98	202.8	18.59	213.0	20.29	219.0	21.49	229.2	23.33
	99	184.5	14.17	199.2	16.43	209.7	17.98	220.1	19.63	226.4	20.79	236.9	22.56
	95	190.1	13.69	205.2	15.87	216.0	17.37	226.8	18.96	233.3	20.08	244.1	21.80
	93	190.1	13.20	205.2	15.30	216.0	16.74	226.8	18.27	233.3	19.34	244.1	20.99
	91	190.1	12.74	205.2	14.75	216.0	16.14	226.8	17.61	233.3	18.64	244.1	20.23
	87	190.1	11.88	205.2	13.75	216.0	15.03	226.8	16.39	233.3	17.35	244.1	18.82
	82	190.1	10.90	205.2	12.59	216.0	13.76	226.8	15.00	233.3	15.87	244.1	17.21
	75	190.1	9.68	205.2	11.17	216.0	12.20	226.8	13.29	233.3	14.06	244.1	15.23
	72	190.1	9.19	205.2	10.60	216.0	11.58	226.8	12.61	233.3	13.34	244.1	14.45
	70	190.1	8.89	205.2	10.25	216.0	11.19	226.8	12.19	233.3	12.89	244.1	13.96
	68	190.1	8.59	205.2	9.91	216.0	10.82	226.8	11.78	233.3	12.45	244.1	13.49
	65	190.1	8.37	205.2	9.65	216.0	10.54	226.8	11.47	233.3	12.13	244.1	13.13
	62	190.1	8.19	205.2	9.45	216.0	10.31	226.8	11.22	233.3	11.86	244.1	12.84
	58	190.1	7.98	205.2	9.19	216.0	10.03	226.8	10.92	233.3	11.54	244.1	12.50
	54	190.1	7.81	205.2	8.99	216.0	9.81	226.8	10.68	233.3	11.28	244.1	12.21
	50	190.1	7.63	205.2	8.78	216.0	9.58	226.8	10.42	233.3	11.02	244.1	11.92
	40	190.1	7.42	205.2	8.54	216.0	9.32	226.8	10.14	233.3	10.71	244.1	11.59
	30	190.1	7.25	205.2	8.34	216.0	9.10	226.8	9.90	233.3	10.46	244.1	11.31
	23	190.1	7.13	205.2	8.21	216.0	8.95	226.8	9.73	233.3	10.28	244.1	11.13
	15	190.1	7.00	205.2	8.06	216.0	8.79	226.8	9.56	233.3	10.10	244.1	10.93
	5	190.1	6.88	205.2	7.91	216.0	8.63	226.8	9.39	233.3	9.92	244.1	10.73
80	125	90.6	10.24	97.8	11.74	102.9	12.78	108.1	13.87	111.1	14.64	116.3	15.81
	122	100.9	10.77	108.9	12.37	114.6	13.48	120.4	14.65	123.8	15.47	129.5	16.72
	118	116.0	11.62	125.2	13.39	131.8	14.61	138.4	15.91	142.4	16.81	149.0	18.20
	115	129.1	12.40	139.4	14.32	146.7	15.58	154.1	17.06	158.5	18.05	165.8	19.57
	110	148.1	13.25	159.9	15.36	168.3	16.81	176.7	18.35	181.8	19.43	190.2	21.09
	106	154.2	12.84	166.5	14.88	175.2	16.29	184.0	17.78	189.3	18.83	198.0	20.44
	103	158.7	12.53	171.3	14.52	180.3	15.89	189.3	17.35	194.7	18.37	203.7	19.94
	99	164.0	12.12	177.0	14.05	186.4	15.37	195.7	16.78	201.3	17.77	210.6	19.29
	95	169.0	11.71	182.4	13.57	192.0	14.85	201.6	16.21	207.4	17.17	217.0	18.64
	93	169.0	11.29	182.4	13.08	192.0	14.31	201.6	15.62	207.4	16.54	217.0	17.95
	91	169.0	10.89	182.4	12.61	192.0	13.80	201.6	15.06	207.4	15.94	217.0	17.29
	87	169.0	10.16	182.4	11.75	192.0	12.85	201.6	14.01	207.4	14.83	217.0	16.09
	82	169.0	9.32	182.4	10.77	192.0	11.77	201.6	12.83	207.4	13.57	217.0	14.71
	75	169.0	8.27	182.4	9.55	192.0	10.43	201.6	11.36	207.4	12.02	217.0	13.02
	72	169.0	7.86	182.4	9.07	192.0	9.90	201.6	10.78	207.4	11.40	217.0	12.35
	70	169.0	7.60	182.4	8.76	192.0	9.57	201.6	10.42	207.4	11.02	217.0	11.94
	68	169.0	7.34	182.4	8.47	192.0	9.25	201.6	10.07	207.4	10.65	217.0	11.53
	65	169.0	7.16	182.4	8.25	192.0	9.01	201.6	9.81	207.4	10.37	217.0	11.23
	62	169.0	7.01	182.4	8.08	192.0	8.81	201.6	9.59	207.4	10.14	217.0	10.98
	58	169.0	6.82	182.4	7.86	192.0	8.58	201.6	9.34	207.4	9.87	217.0	10.68
	54	169.0	6.67	182.4	7.69	192.0	8.39	201.6	9.13	207.4	9.65	217.0	10.44
	50	169.0	6.52	182.4	7.51	192.0	8.19	201.6	8.91	207.4	9.42	217.0	10.19
	40	169.0	6.35	182.4	7.31	192.0	7.97	201.6	8.67	207.4	9.16	217.0	9.91
	30	169.0	6.20	182.4	7.13	192.0	7.78	201.6	8.46	207.4	8.94	217.0	9.67
	23	169.0	6.10	182.4	7.02	192.0	7.65	201.6	8.32	207.4	8.79	217.0	9.51
	15	169.0	5.99	182.4	6.89	192.0	7.51	201.6	8.17	207.4	8.63	217.0	9.34
	5	169.0	5.88	182.4	6.77	192.0	7.38	201.6	8.02	207.4	8.48	217.0	9.17
70	125	79.2	8.63	85.5	9.90	90.1	10.77	94.6	11.69	97.3	12.34	101.8	13.32
	122	88.3	9.08	95.3	10.43	100.3	11.36	105.3	12.35	108.3	13.04	113.3	14.09
	118	101.5	9.79	109.6	11.29	115.4	12.32	121.1	13.41	124.6	14.17	130.4	15.34
	115	113.0	10.45	122.0	12.07	128.4	13.13	134.8	14.38	138.7	15.21	145.1	16.49
	110	129.6	11.17	139.9	12.94	147.3	14.17	154.6	15.46	159.0	16.38	166.4	17.78
	106	134.9	10.82	145.7	12.55	153.3	13.73	161.0	14.99	165.6	15.88	173.3	17.23
	103	138.8	10.56	149.9	12.24	157.7	13.40	165.6	14.62	170.4	15.49	178.3	16.81
	99	143.5	10.21	154.9	11.84	163.1	12.96	171.2	14.14	176.1	14.98	184.3	16.26
	95	147.8	9.87	159.6	11.44	168.0	12.52	176.4	13.67	181.4	14.47	189.8	15.71
	93	147.8	9.52	159.6	11.02	168.0	12.06	176.4	13.16	181.4	13.94	189.8	15.13
	91	147.8	9.18	159.6	10.63	168.0	11.63	176.4	12.69	181.4	13.44	189.8	14.58
	87	147.8	8.56	159.6	9.91	168.0	10.83	176.4	11.81	181.4	12.50	189.8	13.56
	82	147.8	7.85	159.6	9.07	168.0	9.92	176.4	10.81	181.4	11.44	189.8	12.40
	75	147.8	6.97	159.6	8.05	168.0	8.79	176.4	9.58	181.4	10.13	189.8	10.98
	72	147.8	6.62	159.6	7.64	168.0	8.34	176.4	9.09	181.4	9.61	189.8	10.41
	70	147.8	6.40	159.6	7.39	168.0	8.07	176.4	8.78	181.4	9.29	189.8	10.06
	68	147.8	6.19	159.6	7.14	168.0	7.79	176.4	8.49	181.4	8.97	189.8	9.72
	65	147.8	6.03	159.6	6.96	168.0	7.59	176.4	8.27	181.4	8.74	189.8	9.46
	62	147.8	5.90	159.6	6.81	168.0	7.43	176.4	8.09	181.4	8.55	189.8	9.26
	58	147.8	5.75	159.6	6.63	168.0	7.23	176.4	7.87	181.4	8.32	189.8	9.00
	54	147.8	5.62	159.6	6.48	168.0	7.07	176.4	7.69	181.4	8.13	189.8	8.80
	50	147.8	5.50	159.6	6.33	168.0	6.90	176.4	7.51	181.4	7.94	189.8	8.59
	40	147.8	5.35	159.6	6.16	168.0	6.71	176.4	7.30	181.4	7.72	189.8	8.35
	30	147.8	5.22	159.6	6.01	168.0	6.56	176.4	7.13	181.4	7.54	189.8	8.15
	23	147.8	5.14	159.6	5.91	168.0	6.45	176.4	7.01	181.4	7.41	189.8	8.02
	15	147.8	5.05	159.6	5.81	168.0	6.33	176.4	6.89	181.4	7.28	189.8	7.87
	5	147.8	4.96	159.6	5.70	168.0	6.22	176.4	6.76	181.4	7.15	189.8	7.73

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP2641FT6P-UL/MMY-UP2641FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	124.5	17.57	134.4	19.79	141.5	21.29	148.6	22.84	152.8	23.91	159.9	25.51
	122	138.7	18.28	149.7	20.59	157.6	22.16	165.5	23.79	170.2	24.90	178.1	26.58
	118	159.5	19.39	172.2	21.86	181.3	23.53	190.3	25.27	195.8	26.46	204.8	28.26
	115	177.5	20.37	191.7	22.98	201.8	24.65	211.8	26.59	217.9	27.85	228.0	29.75
	110	203.6	21.34	219.8	24.10	231.4	25.97	243.0	27.90	249.9	29.24	261.5	31.25
	106	212.0	20.68	228.9	23.36	241.0	25.17	253.0	27.05	260.2	28.34	272.3	30.29
	103	218.1	20.18	235.5	22.78	247.9	24.55	260.3	26.39	267.7	27.65	280.1	29.55
	99	225.5	19.52	243.4	22.04	256.2	23.75	269.1	25.52	276.7	26.74	289.5	28.58
	95	232.3	18.85	250.8	21.29	264.0	22.94	277.2	24.65	285.1	25.83	298.3	27.61
	93	232.3	18.24	250.8	20.60	264.0	22.19	277.2	23.85	285.1	24.99	298.3	26.70
	91	232.3	17.66	250.8	19.94	264.0	21.48	277.2	23.08	285.1	24.18	298.3	25.84
	87	232.3	16.57	250.8	18.70	264.0	20.14	277.2	21.64	285.1	22.67	298.3	24.22
	82	232.3	15.29	250.8	17.25	264.0	18.58	277.2	19.96	285.1	20.91	298.3	22.34
	75	232.3	13.68	250.8	15.43	264.0	16.61	277.2	17.84	285.1	18.69	298.3	19.96
	72	232.3	13.02	250.8	14.69	264.0	15.81	277.2	16.98	285.1	17.79	298.3	19.00
	70	232.3	12.61	250.8	14.22	264.0	15.31	277.2	16.44	285.1	17.22	298.3	18.39
	68	232.3	12.20	250.8	13.76	264.0	14.82	277.2	15.92	285.1	16.67	298.3	17.80
	65	232.3	11.92	250.8	13.44	264.0	14.47	277.2	15.54	285.1	16.28	298.3	17.38
	62	232.3	11.68	250.8	13.18	264.0	14.19	277.2	15.23	285.1	15.95	298.3	17.03
	58	232.3	11.40	250.8	12.85	264.0	13.84	277.2	14.86	285.1	15.56	298.3	16.62
	54	232.3	11.17	250.8	12.59	264.0	13.56	277.2	14.56	285.1	15.24	298.3	16.28
	50	232.3	10.93	250.8	12.32	264.0	13.26	277.2	14.24	285.1	14.91	298.3	15.92
	40	232.3	10.66	250.8	12.02	264.0	12.93	277.2	13.89	285.1	14.54	298.3	15.52
	30	232.3	10.42	250.8	11.75	264.0	12.65	277.2	13.58	285.1	14.22	298.3	15.18
	23	232.3	10.26	250.8	11.56	264.0	12.45	277.2	13.36	285.1	13.99	298.3	14.94
	15	232.3	10.08	250.8	11.36	264.0	12.23	277.2	13.12	285.1	13.74	298.3	14.67
	5	232.3	9.90	250.8	11.16	264.0	12.01	277.2	12.89	285.1	13.50	298.3	14.41
110	125	127.0	17.75	137.1	19.99	144.3	21.51	151.6	23.08	155.9	24.15	163.1	25.77
	122	141.5	18.47	152.7	20.80	160.8	22.39	168.8	24.03	173.6	25.16	181.6	26.85
	118	162.7	19.58	175.7	22.08	184.9	23.77	194.1	25.53	199.7	26.73	208.9	28.55
	115	181.1	20.57	195.5	23.21	205.8	24.90	216.1	26.86	222.2	28.13	232.5	30.05
	110	207.7	21.56	224.2	24.34	236.0	26.23	247.8	28.19	254.9	29.54	266.7	31.57
	106	216.3	20.90	233.5	23.60	245.8	25.43	258.1	27.33	265.4	28.63	277.7	30.60
	103	222.5	20.38	240.2	23.02	252.8	24.80	265.5	26.66	273.1	27.93	285.7	29.85
	99	230.0	19.72	248.3	22.26	261.4	23.99	274.4	25.78	282.3	27.01	295.3	28.87
	95	236.9	19.04	255.8	21.51	269.3	23.17	282.7	24.91	290.8	26.10	304.3	27.89
	93	236.9	18.43	255.8	20.81	269.3	22.42	282.7	24.09	290.8	25.24	304.3	26.98
	91	236.9	17.84	255.8	20.14	269.3	21.70	282.7	23.32	290.8	24.43	304.3	26.11
	87	236.9	16.74	255.8	18.89	269.3	20.35	282.7	21.86	290.8	22.90	304.3	24.47
	82	236.9	15.45	255.8	17.43	269.3	18.77	282.7	20.17	290.8	21.12	304.3	22.57
	75	236.9	13.82	255.8	15.58	269.3	16.78	282.7	18.03	290.8	18.88	304.3	20.17
	72	236.9	13.15	255.8	14.84	269.3	15.98	282.7	17.16	290.8	17.97	304.3	19.19
	70	236.9	12.74	255.8	14.36	269.3	15.47	282.7	16.61	290.8	17.40	304.3	18.58
	68	236.9	12.33	255.8	13.90	269.3	14.97	282.7	16.08	290.8	16.84	304.3	17.98
	65	236.9	12.04	255.8	13.58	269.3	14.62	282.7	15.70	290.8	16.44	304.3	17.56
	62	236.9	11.80	255.8	13.31	269.3	14.33	282.7	15.39	290.8	16.11	304.3	17.21
	58	236.9	11.52	255.8	12.99	269.3	13.98	282.7	15.01	290.8	15.72	304.3	16.79
	54	236.9	11.28	255.8	12.72	269.3	13.70	282.7	14.71	290.8	15.40	304.3	16.44
	50	236.9	11.04	255.8	12.44	269.3	13.40	282.7	14.38	290.8	15.06	304.3	16.08
	40	236.9	10.77	255.8	12.14	269.3	13.07	282.7	14.03	290.8	14.69	304.3	15.68
	30	236.9	10.53	255.8	11.87	269.3	12.78	282.7	13.72	290.8	14.36	304.3	15.33
	23	236.9	10.36	255.8	11.68	269.3	12.57	282.7	13.50	290.8	14.13	304.3	15.09
	15	236.9	10.18	255.8	11.47	269.3	12.35	282.7	13.26	290.8	13.88	304.3	14.82
	5	236.9	10.00	255.8	11.27	269.3	12.13	282.7	13.02	290.8	13.64	304.3	14.56
120	125	130.7	18.10	141.2	20.38	148.6	21.93	156.0	23.53	160.5	24.63	167.9	26.28
	122	145.6	18.83	157.2	21.21	165.5	22.83	173.8	24.50	178.7	25.65	187.0	27.38
	118	167.5	19.97	180.8	22.52	190.3	24.24	199.9	26.03	205.6	27.26	215.1	29.11
	115	186.4	20.98	201.2	23.67	211.8	25.39	222.4	27.38	228.8	28.68	239.4	30.64
	110	213.8	21.98	230.8	24.82	243.0	26.75	255.1	28.74	262.4	30.12	274.5	32.19
	106	222.6	21.31	240.4	24.06	253.0	25.93	265.7	27.86	273.2	29.19	285.9	31.20
	103	229.0	20.78	247.3	23.47	260.3	25.29	273.3	27.18	281.1	28.48	294.1	30.44
	99	236.8	20.10	255.6	22.70	269.1	24.46	282.5	26.29	290.6	27.54	304.0	29.44
	95	243.9	19.42	263.3	21.93	277.2	23.63	291.1	25.39	299.4	26.61	313.2	28.44
	93	243.9	18.79	263.3	21.22	277.2	22.86	291.1	24.57	299.4	25.74	313.2	27.51
	91	243.9	18.19	263.3	20.54	277.2	22.13	291.1	23.78	299.4	24.91	313.2	26.62
	87	243.9	17.07	263.3	19.26	277.2	20.75	291.1	22.29	299.4	23.35	313.2	24.95
	82	243.9	15.75	263.3	17.77	277.2	19.14	291.1	20.56	299.4	21.54	313.2	23.01
	75	243.9	14.09	263.3	15.89	277.2	17.11	291.1	18.39	299.4	19.25	313.2	20.56
	72	243.9	13.41	263.3	15.13	277.2	16.29	291.1	17.49	299.4	18.32	313.2	19.57
	70	243.9	12.99	263.3	14.65	277.2	15.77	291.1	16.94	299.4	17.74	313.2	18.95
	68	243.9	12.57	263.3	14.18	277.2	15.27	291.1	16.39	299.4	17.17	313.2	18.34
	65	243.9	12.28	263.3	13.85	277.2	14.91	291.1	16.01	299.4	16.76	313.2	17.90
	62	243.9	12.04	263.3	13.57	277.2	14.61	291.1	15.69	299.4	16.43	313.2	17.55
	58	243.9	11.74	263.3	13.24	277.2	14.25	291.1	15.31	299.4	16.03	313.2	17.12
	54	243.9	11.51	263.3	12.97	277.2	13.96	291.1	14.99	299.4	15.70	313.2	16.77
	50	243.9	11.26	263.3	12.69	277.2	13.66	291.1	14.67	299.4	15.36	313.2	16.40
	40	243.9	10.98	263.3	12.38	277.2	13.32	291.1	14.30	299.4	14.98	313.2	15.99
	30	243.9	10.74	263.3	12.10	277.2	13.03	291.1	13.99	299.4	14.64	313.2	15.64
	23	243.9	10.57	263.3	11.91	277.2	12.82	291.1	13.76	299.4	14.41	313.2	15.39
	15	243.9	10.38	263.3	11.70	277.2	12.59	291.1	13.52	299.4	14.15	313.2	15.11
	5	243.9	10.20	263.3	11.49	277.2	12.37	291.1	13.28	299.4	13.90	313.2	14.84
130	125	133.9	18.36	144.5	20.67	152.1	22.24	159.7	23.86	164.3	24.98	170.3	26.41
	122	149.1	19.09	161.0	21.51	169.4	23.15	177.9	24.85	183.0	26.01	189.2	27.51
	118	171.5	20.25	185.1	22.83	194.9	24.58	204.6	26.40	210.4	27.64	218.1	29.25
	115	190.8	21.28	206.0	24.00	216.9	25.75	227.7	27.77	234.2	29.09	242.8	30.79
	110	218.9	22.29	236.3	25.17	248.8	27.13	261.2	29.15	268.6	30.54	278.5	32.34
	106	227.9	21.61	246.1	24.40	259.0	26.29	272.0	28.26	279.7	29.61	290.0	31.35
	103	234.5	21.08	253.2	23.80	266.5	25.65	279.8	27.57	287.8	28.88	298.3	30.58
	99	242.4	20.39	261.7	23.02	275.5	24.81	289.2	26.66	297.5	27.94	308.4	29.58
	95	249.7	19.69	269.6	22.24	283.8	23.96	298.0	25.75	306.5	26.99	317.7	28.57
	93	249.7	19.06	269.6	21.52	283.8	23.19	298.0	24.92	306.5	26.10	317.7	27.64
	91	249.7	18.45	269.6	20.83	283.8	22.44	298.0	24.11	306.5	25.26	317.7	26.75
	87	249.7	17.31	269.6	19.53	283.8	21.04	298.0	22.61	306.5	23.68	317.7	25.07
	82	249.7	15.97	269.6	18.02	283.8	19.41	298.0	20.85	306.5	21.84	317.7	23.12
	75	249.7	14.29	269.6	16.12	283.8	17.36	298.0	18.64	306.5	19.52	317.7	20.66
	72	249.7	13.60	269.6	15.34	283.8	16.52	298.0	17.74	306.5	18.58	317.7	19.66
	70	249.7	13.17	269.6	14.85	283.8	16.00	298.0	17.18	306.5	17.99	317.7	19.04
	68	249.7	12.75	269.6	14.38	283.8	15.48	298.0	16.63	306.5	17.41	317.7	18.42
	65	249.7	12.45	269.6	14.04	283.8	15.12	298.0	16.24	306.5	17.00	317.7	17.99
	62	249.7	12.21	269.6	13.76	283.8	14.82	298.0	15.91	306.5	16.66	317.7	17.63
	58	249.7	11.91	269.6	13.43	283.8	14.46	298.0	15.52	306.5	16.26	317.7	17.20
	54	249.7	11.67	269.6	13.16	283.8	14.16	298.0	15.21	306.5	15.92	317.7	16.84
	50	249.7	11.42	269.6	12.87	283.8	13.85	298.0	14.87	306.5	15.57	317.7	16.48
	40	249.7	11.14	269.6	12.55	283.8	13.51	298.0	14.51	306.5	15.19	317.7	16.07
	30	249.7	10.89	269.6	12.27	283.8	13.21	298.0	14.18	306.5	14.85	317.7	15.71
	23	249.7	10.72	269.6	12.08	283.8	13.00	298.0	13.96	306.5	14.62	317.7	15.46
	15	249.7	10.53	269.6	11.86	283.8	12.77	298.0	13.71	306.5	14.36	317.7	15.18
	5	249.7	10.34	269.6	11.65	283.8	12.54	298.0	13.47	306.5	14.10	317.7	14.91

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	112.1	15.19	121.0	17.10	127.4	18.40	133.7	19.74	137.5	20.66	143.9	22.05
	122	124.8	15.80	134.8	17.80	141.8	19.15	148.9	20.56	153.2	21.52	160.3	22.97
	118	143.6	16.76	155.0	18.89	163.1	20.34	171.3	21.84	176.2	22.87	184.3	24.42
	115	159.8	17.60	172.5	19.86	181.6	21.30	190.7	22.98	196.1	24.07	205.2	25.71
	110	183.3	18.44	197.8	20.83	208.3	22.44	218.7	24.12	224.9	25.27	235.3	27.01
	106	190.8	17.88	206.0	20.19	216.9	21.75	227.7	23.38	234.2	24.50	245.0	26.18
	103	196.3	17.44	211.9	19.69	223.1	21.22	234.3	22.81	240.9	23.90	252.1	25.54
	99	202.9	16.87	219.1	19.05	230.6	20.53	242.2	22.06	249.1	23.11	260.6	24.70
	95	209.1	16.29	225.7	18.40	237.6	19.83	249.5	21.31	256.6	22.33	268.5	23.86
	93	209.1	15.77	225.7	17.80	237.6	19.18	249.5	20.61	256.6	21.60	268.5	23.08
	91	209.1	15.27	225.7	17.23	237.6	18.57	249.5	19.95	256.6	20.90	268.5	22.34
	87	209.1	14.32	225.7	16.16	237.6	17.41	249.5	18.71	256.6	19.60	268.5	20.94
	82	209.1	13.22	225.7	14.91	237.6	16.06	249.5	17.25	256.6	18.07	268.5	19.31
	75	209.1	11.82	225.7	13.33	237.6	14.36	249.5	15.42	256.6	16.15	268.5	17.25
	72	209.1	11.25	225.7	12.69	237.6	13.67	249.5	14.68	256.6	15.37	268.5	16.42
	70	209.1	10.90	225.7	12.29	237.6	13.23	249.5	14.21	256.6	14.88	268.5	15.90
	68	209.1	10.55	225.7	11.90	237.6	12.81	249.5	13.76	256.6	14.41	268.5	15.39
	65	209.1	10.30	225.7	11.62	237.6	12.51	249.5	13.43	256.6	14.07	268.5	15.02
	62	209.1	10.10	225.7	11.39	237.6	12.26	249.5	13.17	256.6	13.79	268.5	14.72
	58	209.1	9.85	225.7	11.11	237.6	11.96	249.5	12.84	256.6	13.45	268.5	14.36
	54	209.1	9.65	225.7	10.88	237.6	11.72	249.5	12.58	256.6	13.17	268.5	14.07
	50	209.1	9.44	225.7	10.65	237.6	11.46	249.5	12.31	256.6	12.89	268.5	13.76
	40	209.1	9.21	225.7	10.39	237.6	11.18	249.5	12.00	256.6	12.57	268.5	13.42
	30	209.1	9.01	225.7	10.16	237.6	10.93	249.5	11.74	256.6	12.29	268.5	13.12
	23	209.1	8.87	225.7	9.99	237.6	10.76	249.5	11.55	256.6	12.09	268.5	12.91
	15	209.1	8.71	225.7	9.82	237.6	10.57	249.5	11.34	256.6	11.88	268.5	12.68
	5	209.1	8.56	225.7	9.64	237.6	10.38	249.5	11.14	256.6	11.67	268.5	12.46
80	125	99.6	12.99	107.5	14.62	113.2	15.73	118.9	16.88	122.3	17.67	127.9	18.85
	122	110.9	13.51	119.8	15.22	126.1	16.38	132.4	17.58	136.2	18.40	142.5	19.64
	118	127.6	14.33	137.8	16.15	145.0	17.39	152.3	18.67	156.6	19.56	163.9	20.88
	115	142.0	15.05	153.3	16.98	161.4	18.22	169.5	19.65	174.3	20.58	182.4	21.98
	110	162.9	15.77	175.9	17.81	185.1	19.19	194.4	20.62	199.9	21.61	209.2	23.09
	106	169.6	15.29	183.1	17.26	192.8	18.60	202.4	19.99	208.2	20.94	217.8	22.38
	103	174.5	14.91	188.4	16.84	198.3	18.14	208.2	19.50	214.2	20.43	224.1	21.84
	99	180.4	14.42	194.7	16.29	205.0	17.55	215.2	18.86	221.4	19.76	231.6	21.12
	95	185.8	13.93	200.6	15.73	211.2	16.95	221.8	18.22	228.1	19.09	238.6	20.40
	93	185.8	13.48	200.6	15.22	211.2	16.40	221.8	17.62	228.1	18.47	238.6	19.73
	91	185.8	13.05	200.6	14.73	211.2	15.87	221.8	17.06	228.1	17.87	238.6	19.10
	87	185.8	12.24	200.6	13.82	211.2	14.89	221.8	15.99	228.1	16.75	238.6	17.90
	82	185.8	11.30	200.6	12.75	211.2	13.73	221.8	14.75	228.1	15.45	238.6	16.51
	75	185.8	10.11	200.6	11.40	211.2	12.28	221.8	13.19	228.1	13.81	238.6	14.75
	72	185.8	9.62	200.6	10.85	211.2	11.69	221.8	12.55	228.1	13.14	238.6	14.04
	70	185.8	9.32	200.6	10.51	211.2	11.31	221.8	12.15	228.1	12.73	238.6	13.59
	68	185.8	9.02	200.6	10.17	211.2	10.95	221.8	11.76	228.1	12.32	238.6	13.15
	65	185.8	8.81	200.6	9.93	211.2	10.69	221.8	11.48	228.1	12.03	238.6	12.84
	62	185.8	8.63	200.6	9.74	211.2	10.48	221.8	11.26	228.1	11.79	238.6	12.59
	58	185.8	8.43	200.6	9.50	211.2	10.23	221.8	10.98	228.1	11.50	238.6	12.28
	54	185.8	8.25	200.6	9.31	211.2	10.02	221.8	10.76	228.1	11.26	238.6	12.03
	50	185.8	8.07	200.6	9.10	211.2	9.80	221.8	10.52	228.1	11.02	238.6	11.76
	40	185.8	7.88	200.6	8.88	211.2	9.56	221.8	10.26	228.1	10.74	238.6	11.47
	30	185.8	7.70	200.6	8.68	211.2	9.35	221.8	10.03	228.1	10.51	238.6	11.22
	23	185.8	7.58	200.6	8.55	211.2	9.20	221.8	9.87	228.1	10.34	238.6	11.04
	15	185.8	7.45	200.6	8.39	211.2	9.03	221.8	9.70	228.1	10.15	238.6	10.84
	5	185.8	7.31	200.6	8.24	211.2	8.87	221.8	9.53	228.1	9.97	238.6	10.65
70	125	87.2	10.95	94.1	12.33	99.1	13.26	104.0	14.23	107.0	14.89	111.9	15.89
	122	97.1	11.38	104.8	12.83	110.3	13.80	115.8	14.82	119.1	15.51	124.7	16.56
	118	111.7	12.07	120.5	13.61	126.9	14.66	133.2	15.74	137.0	16.48	143.4	17.60
	115	124.3	12.68	134.2	14.31	141.2	15.35	148.3	16.56	152.5	17.34	159.6	18.53
	110	142.5	13.29	153.9	15.01	162.0	16.17	170.1	17.38	174.9	18.21	183.0	19.46
	106	148.4	12.88	160.2	14.55	168.7	15.68	177.1	16.85	182.2	17.65	190.6	18.87
	103	152.7	12.57	164.8	14.19	173.5	15.29	182.2	16.43	187.4	17.22	196.1	18.40
	99	157.8	12.16	170.4	13.73	179.4	14.79	188.3	15.90	193.7	16.66	202.7	17.80
	95	162.6	11.74	175.6	13.26	184.8	14.29	194.0	15.36	199.6	16.09	208.8	17.20
	93	162.6	11.36	175.6	12.83	184.8	13.82	194.0	14.86	199.6	15.56	208.8	16.63
	91	162.6	11.00	175.6	12.42	184.8	13.38	194.0	14.38	199.6	15.06	208.8	16.10
	87	162.6	10.32	175.6	11.65	184.8	12.55	194.0	13.48	199.6	14.12	208.8	15.09
	82	162.6	9.52	175.6	10.75	184.8	11.57	194.0	12.43	199.6	13.02	208.8	13.91
	75	162.6	8.52	175.6	9.61	184.8	10.35	194.0	11.11	199.6	11.64	208.8	12.43
	72	162.6	8.11	175.6	9.15	184.8	9.85	194.0	10.58	199.6	11.08	208.8	11.83
	70	162.6	7.85	175.6	8.86	184.8	9.54	194.0	10.24	199.6	10.73	208.8	11.46
	68	162.6	7.60	175.6	8.57	184.8	9.23	194.0	9.91	199.6	10.38	208.8	11.09
	65	162.6	7.42	175.6	8.37	184.8	9.01	194.0	9.68	199.6	10.14	208.8	10.83
	62	162.6	7.28	175.6	8.21	184.8	8.84	194.0	9.49	199.6	9.93	208.8	10.61
	58	162.6	7.10	175.6	8.01	184.8	8.62	194.0	9.26	199.6	9.69	208.8	10.35
	54	162.6	6.96	175.6	7.84	184.8	8.44	194.0	9.07	199.6	9.49	208.8	10.14
	50	162.6	6.81	175.6	7.67	184.8	8.26	194.0	8.87	199.6	9.29	208.8	9.91
	40	162.6	6.64	175.6	7.48	184.8	8.06	194.0	8.65	199.6	9.06	208.8	9.67
	30	162.6	6.49	175.6	7.32	184.8	7.88	194.0	8.46	199.6	8.85	208.8	9.45
	23	162.6	6.39	175.6	7.20	184.8	7.75	194.0	8.32	199.6	8.71	208.8	9.30
	15	162.6	6.28	175.6	7.07	184.8	7.61	194.0	8.17	199.6	8.56	208.8	9.14
	5	162.6	6.17	175.6	6.95	184.8	7.48	194.0	8.03	199.6	8.41	208.8	8.98

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP2881FT6P-UL/MMY-UP2881FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	135.8	18.42	146.7	20.94	154.4	22.65	162.1	24.45	166.7	25.69	174.4	27.58
	122	151.3	19.26	163.3	21.92	171.9	23.74	180.5	25.64	185.7	26.95	194.3	28.95
	118	174.0	20.61	187.9	23.50	197.8	25.47	207.6	27.53	213.5	28.96	223.4	31.13
	115	193.7	21.82	209.1	24.91	220.1	26.93	231.1	29.24	237.7	30.77	248.7	33.11
	110	222.1	23.09	239.8	26.41	252.4	28.68	265.1	31.06	272.6	32.71	285.2	35.22
	106	231.3	22.38	249.7	25.60	262.9	27.80	276.0	30.10	283.9	31.70	297.0	34.14
	103	237.9	21.83	256.9	24.97	270.4	27.12	283.9	29.37	292.0	30.93	305.5	33.31
	99	246.0	21.12	265.6	24.16	279.5	26.23	293.5	28.40	301.9	29.91	315.8	32.22
	95	253.4	20.40	273.6	23.34	288.0	25.34	302.4	27.44	311.0	28.90	325.4	31.12
	93	253.4	19.71	273.6	22.54	288.0	24.47	302.4	26.49	311.0	27.90	325.4	30.04
	91	253.4	19.05	273.6	21.78	288.0	23.64	302.4	25.59	311.0	26.94	325.4	29.01
	87	253.4	17.82	273.6	20.36	288.0	22.09	302.4	23.91	311.0	25.17	325.4	27.09
	82	253.4	16.39	273.6	18.72	288.0	20.30	302.4	21.97	311.0	23.12	325.4	24.88
	75	253.4	14.61	273.6	16.67	288.0	18.08	302.4	19.55	311.0	20.57	325.4	22.13
	72	253.4	13.89	273.6	15.85	288.0	17.18	302.4	18.58	311.0	19.55	325.4	21.03
	70	253.4	13.44	273.6	15.33	288.0	16.62	302.4	17.97	311.0	18.91	325.4	20.34
	68	253.4	13.00	273.6	14.83	288.0	16.08	302.4	17.38	311.0	18.29	325.4	19.67
	65	253.4	12.68	273.6	14.47	288.0	15.68	302.4	16.95	311.0	17.84	325.4	19.18
	62	253.4	12.42	273.6	14.17	288.0	15.36	302.4	16.60	311.0	17.46	325.4	18.77
	58	253.4	12.11	273.6	13.81	288.0	14.96	302.4	16.17	311.0	17.01	325.4	18.29
	54	253.4	11.86	273.6	13.51	288.0	14.64	302.4	15.83	311.0	16.65	325.4	17.90
	50	253.4	11.59	273.6	13.21	288.0	14.31	302.4	15.47	311.0	16.27	325.4	17.49
	40	253.4	11.29	273.6	12.87	288.0	13.94	302.4	15.07	311.0	15.84	325.4	17.03
	30	253.4	11.04	273.6	12.57	288.0	13.62	302.4	14.72	311.0	15.48	325.4	16.63
	23	253.4	10.86	273.6	12.37	288.0	13.40	302.4	14.48	311.0	15.23	325.4	16.37
	15	253.4	10.67	273.6	12.15	288.0	13.16	302.4	14.22	311.0	14.96	325.4	16.07
	5	253.4	10.48	273.6	11.93	288.0	12.93	302.4	13.97	311.0	14.69	325.4	15.78
110	125	138.5	18.60	149.6	21.15	157.5	22.88	165.3	24.70	170.0	25.95	177.9	27.86
	122	154.3	19.46	166.6	22.15	175.4	23.98	184.1	25.90	189.4	27.23	198.1	29.24
	118	177.5	20.82	191.6	23.74	201.7	25.73	211.8	27.81	217.8	29.26	227.9	31.45
	115	197.5	22.04	213.3	25.17	224.5	27.20	235.7	29.54	242.4	31.09	253.6	33.45
	110	226.5	23.32	244.6	26.68	257.5	28.97	270.4	31.37	278.0	33.04	290.9	35.58
	106	235.9	22.61	254.7	25.86	268.1	28.08	281.5	30.41	289.5	32.03	302.9	34.49
	103	242.7	22.06	262.0	25.23	275.8	27.40	289.6	29.67	297.9	31.24	311.7	33.65
	99	250.9	21.33	270.9	24.40	285.1	26.50	299.4	28.70	307.9	30.22	322.2	32.54
	95	258.5	20.63	279.1	23.57	293.8	25.60	308.4	27.72	317.2	29.20	331.9	31.44
	93	258.5	19.91	279.1	22.77	293.8	24.72	308.4	26.76	317.2	28.18	331.9	30.34
	91	258.5	19.24	279.1	22.00	293.8	23.88	308.4	25.85	317.2	27.22	331.9	29.30
	87	258.5	18.00	279.1	20.56	293.8	22.32	308.4	24.15	317.2	25.43	331.9	27.37
	82	258.5	16.56	279.1	18.91	293.8	20.51	308.4	22.19	317.2	23.36	331.9	25.13
	75	258.5	14.76	279.1	16.84	293.8	18.26	308.4	19.75	317.2	20.78	331.9	22.36
	72	258.5	14.03	279.1	16.01	293.8	17.36	308.4	18.77	317.2	19.75	331.9	21.24
	70	258.5	13.58	279.1	15.49	293.8	16.79	308.4	18.16	317.2	19.10	331.9	20.54
	68	258.5	13.13	279.1	14.98	293.8	16.24	308.4	17.56	317.2	18.47	331.9	19.87
	65	258.5	12.81	279.1	14.61	293.8	15.84	308.4	17.13	317.2	18.02	331.9	19.37
	62	258.5	12.55	279.1	14.31	293.8	15.51	308.4	16.77	317.2	17.64	331.9	18.97
	58	258.5	12.23	279.1	13.95	293.8	15.12	308.4	16.34	317.2	17.19	331.9	18.48
	54	258.5	11.98	279.1	13.65	293.8	14.79	308.4	15.99	317.2	16.82	331.9	18.08
	50	258.5	11.71	279.1	13.34	293.8	14.46	308.4	15.63	317.2	16.44	331.9	17.67
	40	258.5	11.41	279.1	13.00	293.8	14.08	308.4	15.22	317.2	16.01	331.9	17.20
	30	258.5	11.15	279.1	12.70	293.8	13.76	308.4	14.87	317.2	15.64	331.9	16.80
	23	258.5	10.97	279.1	12.50	293.8	13.54	308.4	14.63	317.2	15.38	331.9	16.53
	15	258.5	10.77	279.1	12.27	293.8	13.30	308.4	14.37	317.2	15.11	331.9	16.24
	5	258.5	10.58	279.1	12.06	293.8	13.06	308.4	14.11	317.2	14.84	331.9	15.95
120	125	142.6	18.97	154.0	21.56	162.1	23.33	170.2	25.18	175.0	26.46	183.1	28.40
	122	158.8	19.84	171.5	22.58	180.5	24.45	189.6	26.41	195.0	27.76	204.0	29.82
	118	182.7	21.23	197.3	24.20	207.6	26.23	218.0	28.36	224.2	29.83	234.6	32.07
	115	203.3	22.47	219.5	25.66	231.1	27.74	242.7	30.12	249.6	31.70	261.1	34.10
	110	233.2	23.78	251.8	27.20	265.1	29.54	278.3	31.99	286.2	33.69	299.5	36.28
	106	242.9	23.05	262.2	26.37	276.0	28.63	289.8	31.01	298.1	32.66	311.9	35.17
	103	249.8	22.49	269.8	25.72	283.9	27.93	298.1	30.25	306.6	31.86	320.8	34.31
	99	258.3	21.75	278.8	24.88	293.5	27.02	308.2	29.26	317.0	30.81	331.6	33.18
	95	266.1	21.01	287.3	24.04	302.4	26.10	317.5	28.27	326.6	29.77	341.7	32.06
	93	266.1	20.30	287.3	23.21	302.4	25.20	317.5	27.29	326.6	28.74	341.7	30.94
	91	266.1	19.62	287.3	22.43	302.4	24.35	317.5	26.36	326.6	27.75	341.7	29.88
	87	266.1	18.35	287.3	20.97	302.4	22.75	317.5	24.63	326.6	25.93	341.7	27.90
	82	266.1	16.88	287.3	19.28	302.4	20.91	317.5	22.63	326.6	23.82	341.7	25.63
	75	266.1	15.05	287.3	17.17	302.4	18.62	317.5	20.14	326.6	21.19	341.7	22.79
	72	266.1	14.31	287.3	16.32	302.4	17.70	317.5	19.14	326.6	20.14	341.7	21.66
	70	266.1	13.84	287.3	15.79	302.4	17.12	317.5	18.51	326.6	19.48	341.7	20.95
	68	266.1	13.39	287.3	15.27	302.4	16.56	317.5	17.90	326.6	18.84	341.7	20.26
	65	266.1	13.07	287.3	14.90	302.4	16.15	317.5	17.46	326.6	18.37	341.7	19.75
	62	266.1	12.80	287.3	14.59	302.4	15.82	317.5	17.10	326.6	17.99	341.7	19.34
	58	266.1	12.47	287.3	14.22	302.4	15.41	317.5	16.66	326.6	17.52	341.7	18.84
	54	266.1	12.21	287.3	13.92	302.4	15.09	317.5	16.30	326.6	17.15	341.7	18.43
	50	266.1	11.94	287.3	13.61	302.4	14.74	317.5	15.93	326.6	16.76	341.7	18.01
	40	266.1	11.63	287.3	13.25	302.4	14.36	317.5	15.52	326.6	16.32	341.7	17.54
	30	266.1	11.37	287.3	12.95	302.4	14.03	317.5	15.16	326.6	15.94	341.7	17.13
	23	266.1	11.19	287.3	12.74	302.4	13.81	317.5	14.92	326.6	15.69	341.7	16.86
	15	266.1	10.99	287.3	12.52	302.4	13.56	317.5	14.65	326.6	15.41	341.7	16.55
	5	266.1	10.79	287.3	12.29	302.4	13.32	317.5	14.39	326.6	15.13	341.7	16.26
130	125	146.0	19.24	157.7	21.87	165.9	23.66	174.2	25.54	179.2	26.84	185.8	28.54
	122	162.6	20.12	175.6	22.90	184.8	24.80	194.1	26.78	199.6	28.15	206.9	29.96
	118	187.0	21.53	202.0	24.55	212.6	26.60	223.2	28.76	229.6	30.25	238.0	32.22
	115	208.2	22.79	224.8	26.03	236.6	28.13	248.4	30.54	255.5	32.15	264.8	34.27
	110	238.8	24.12	257.8	27.59	271.4	29.96	284.9	32.44	293.0	34.17	303.8	36.45
	106	248.6	23.38	268.5	26.74	282.6	29.04	296.7	31.45	305.2	33.12	316.3	35.33
	103	255.8	22.81	276.2	26.09	290.7	28.33	305.2	30.68	313.9	32.31	325.4	34.47
	99	264.4	22.06	285.5	25.23	300.5	27.40	315.5	29.67	324.5	31.25	336.4	33.34
	95	272.4	21.31	294.1	24.38	309.6	26.47	325.1	28.67	334.3	30.19	346.6	32.21
	93	272.4	20.59	294.1	23.54	309.6	25.56	325.1	27.67	334.3	29.14	346.6	31.09
	91	272.4	19.90	294.1	22.75	309.6	24.69	325.1	26.73	334.3	28.15	346.6	30.02
	87	272.4	18.61	294.1	21.27	309.6	23.08	325.1	24.98	334.3	26.29	346.6	28.04
	82	272.4	17.12	294.1	19.55	309.6	21.21	325.1	22.95	334.3	24.15	346.6	25.75
	75	272.4	15.26	294.1	17.42	309.6	18.89	325.1	20.43	334.3	21.49	346.6	22.90
	72	272.4	14.51	294.1	16.55	309.6	17.95	325.1	19.41	334.3	20.42	346.6	21.76
	70	272.4	14.04	294.1	16.02	309.6	17.36	325.1	18.78	334.3	19.76	346.6	21.05
	68	272.4	13.58	294.1	15.49	309.6	16.79	325.1	18.16	334.3	19.10	346.6	20.35
	65	272.4	13.25	294.1	15.11	309.6	16.38	325.1	17.71	334.3	18.63	346.6	19.85
	62	272.4	12.98	294.1	14.80	309.6	16.04	325.1	17.34	334.3	18.24	346.6	19.43
	58	272.4	12.65	294.1	14.42	309.6	15.63	325.1	16.90	334.3	17.77	346.6	18.93
	54	272.4	12.39	294.1	14.12	309.6	15.30	325.1	16.54	334.3	17.39	346.6	18.52
	50	272.4	12.11	294.1	13.80	309.6	14.95	325.1	16.16	334.3	17.00	346.6	18.10
	40	272.4	11.80	294.1	13.44	309.6	14.56	325.1	15.74	334.3	16.55	346.6	17.62
	30	272.4	11.53	294.1	13.14	309.6	14.23	325.1	15.38	334.3	16.17	346.6	17.22
	23	272.4	11.34	294.1	12.92	309.6	14.00	325.1	15.13	334.3	15.91	346.6	16.94
	15	272.4	11.14	294.1	12.69	309.6	13.75	325.1	14.86	334.3	15.62	346.6	16.63
	5	272.4	10.94	294.1	12.47	309.6	13.51	325.1	14.59	334.3	15.34	346.6	16.34

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	122.2	15.92	132.0	18.09	138.9	19.58	145.9	21.13	150.0	22.20	157.0	23.83
	122	136.2	16.65	147.0	18.95	154.7	20.52	162.5	22.16	167.1	23.29	174.8	25.02
	118	156.6	17.81	169.1	20.31	178.0	22.01	186.9	23.79	192.2	25.03	201.1	26.91
	115	174.3	18.86	188.2	21.53	198.1	23.27	208.0	25.27	213.9	26.60	223.8	28.62
	110	199.9	19.96	215.8	22.83	227.2	24.79	238.5	26.84	245.3	28.27	256.7	30.44
	106	208.2	19.34	224.8	22.13	236.6	24.03	248.4	26.02	255.5	27.40	267.3	29.51
	103	214.1	18.87	231.2	21.59	243.4	23.44	255.6	25.38	262.8	26.73	275.0	28.79
	99	221.4	18.25	239.0	20.88	251.6	22.67	264.2	24.55	271.7	25.86	284.3	27.84
	95	228.1	17.63	246.2	20.17	259.2	21.90	272.2	23.72	279.9	24.98	292.9	26.90
	93	228.1	17.03	246.2	19.48	259.2	21.15	272.2	22.90	279.9	24.11	292.9	25.96
	91	228.1	16.46	246.2	18.82	259.2	20.43	272.2	22.12	279.9	23.29	292.9	25.07
	87	228.1	15.40	246.2	17.59	259.2	19.09	272.2	20.66	279.9	21.75	292.9	23.41
	82	228.1	14.17	246.2	16.18	259.2	17.55	272.2	18.99	279.9	19.98	292.9	21.50
	75	228.1	12.63	246.2	14.41	259.2	15.63	272.2	16.90	279.9	17.78	292.9	19.13
	72	228.1	12.00	246.2	13.70	259.2	14.85	272.2	16.06	279.9	16.90	292.9	18.17
	70	228.1	11.62	246.2	13.25	259.2	14.37	272.2	15.54	279.9	16.34	292.9	17.58
	68	228.1	11.24	246.2	12.82	259.2	13.90	272.2	15.02	279.9	15.81	292.9	17.00
	65	228.1	10.96	246.2	12.50	259.2	13.55	272.2	14.65	279.9	15.42	292.9	16.57
	62	228.1	10.74	246.2	12.24	259.2	13.27	272.2	14.35	279.9	15.09	292.9	16.23
	58	228.1	10.47	246.2	11.93	259.2	12.93	272.2	13.98	279.9	14.70	292.9	15.81
	54	228.1	10.25	246.2	11.68	259.2	12.66	272.2	13.68	279.9	14.39	292.9	15.47
	50	228.1	10.02	246.2	11.42	259.2	12.37	272.2	13.37	279.9	14.06	292.9	15.11
	40	228.1	9.76	246.2	11.12	259.2	12.05	272.2	13.02	279.9	13.69	292.9	14.72
	30	228.1	9.54	246.2	10.87	259.2	11.77	272.2	12.72	279.9	13.38	292.9	14.38
	23	228.1	9.39	246.2	10.69	259.2	11.58	272.2	12.52	279.9	13.16	292.9	14.15
	15	228.1	9.22	246.2	10.50	259.2	11.38	272.2	12.29	279.9	12.93	292.9	13.89
	5	228.1	9.05	246.2	10.31	259.2	11.17	272.2	12.07	279.9	12.70	292.9	13.64
80	125	108.7	13.61	117.3	15.47	123.5	16.74	129.7	18.07	133.4	18.98	139.5	20.38
	122	121.0	14.23	130.7	16.20	137.5	17.54	144.4	18.94	148.5	19.92	155.4	21.39
	118	139.2	15.23	150.3	17.36	158.2	18.82	166.1	20.34	170.8	21.40	178.7	23.01
	115	154.9	16.12	167.3	18.41	176.1	19.90	184.9	21.61	190.1	22.74	198.9	24.47
	110	177.7	17.06	191.8	19.52	201.9	21.19	212.0	22.95	218.1	24.17	228.2	26.03
	106	185.0	16.54	199.8	18.92	210.3	20.54	220.8	22.25	227.1	23.43	237.6	25.23
	103	190.4	16.13	205.5	18.45	216.3	20.04	227.2	21.70	233.6	22.85	244.4	24.61
	99	196.8	15.61	212.5	17.85	223.6	19.38	234.8	20.99	241.5	22.11	252.7	23.81
	95	202.7	15.08	218.9	17.24	230.4	18.73	241.9	20.28	248.8	21.36	260.3	23.00
	93	202.7	14.56	218.9	16.65	230.4	18.08	241.9	19.58	248.8	20.62	260.3	22.20
	91	202.7	14.08	218.9	16.09	230.4	17.47	241.9	18.91	248.8	19.91	260.3	21.44
	87	202.7	13.17	218.9	15.04	230.4	16.32	241.9	17.67	248.8	18.60	260.3	20.02
	82	202.7	12.11	218.9	13.83	230.4	15.00	241.9	16.23	248.8	17.09	260.3	18.38
	75	202.7	10.79	218.9	12.32	230.4	13.36	241.9	14.45	248.8	15.20	260.3	16.35
	72	202.7	10.26	218.9	11.71	230.4	12.70	241.9	13.73	248.8	14.45	260.3	15.54
	70	202.7	9.93	218.9	11.33	230.4	12.28	241.9	13.28	248.8	13.97	260.3	15.03
	68	202.7	9.61	218.9	10.96	230.4	11.88	241.9	12.85	248.8	13.51	260.3	14.53
	65	202.7	9.37	218.9	10.69	230.4	11.59	241.9	12.53	248.8	13.18	260.3	14.17
	62	202.7	9.18	218.9	10.47	230.4	11.35	241.9	12.27	248.8	12.90	260.3	13.87
	58	202.7	8.95	218.9	10.20	230.4	11.06	241.9	11.95	248.8	12.57	260.3	13.52
	54	202.7	8.76	218.9	9.99	230.4	10.82	241.9	11.70	248.8	12.30	260.3	13.22
	50	202.7	8.56	218.9	9.76	230.4	10.58	241.9	11.43	248.8	12.02	260.3	12.92
	40	202.7	8.35	218.9	9.51	230.4	10.30	241.9	11.13	248.8	11.71	260.3	12.58
	30	202.7	8.16	218.9	9.29	230.4	10.07	241.9	10.88	248.8	11.44	260.3	12.29
	23	202.7	8.03	218.9	9.14	230.4	9.90	241.9	10.70	248.8	11.25	260.3	12.09
	15	202.7	7.88	218.9	8.98	230.4	9.73	241.9	10.51	248.8	11.05	260.3	11.88
	5	202.7	7.74	218.9	8.82	230.4	9.55	241.9	10.32	248.8	10.85	260.3	11.66
70	125	95.1	11.47	102.7	13.04	108.1	14.11	113.5	15.23	116.7	16.00	122.1	17.18
	122	105.9	12.00	114.3	13.65	120.4	14.79	126.4	15.97	130.0	16.79	136.0	18.03
	118	121.8	12.84	131.5	14.63	138.4	15.86	145.4	17.15	149.5	18.04	156.4	19.39
	115	135.6	13.59	146.4	15.52	154.1	16.77	161.8	18.21	166.4	19.17	174.1	20.62
	110	155.5	14.38	167.9	16.45	176.7	17.86	185.5	19.34	190.8	20.37	199.6	21.94
	106	161.9	13.94	174.8	15.95	184.0	17.31	193.2	18.75	198.7	19.75	207.9	21.27
	103	166.6	13.60	179.8	15.55	189.3	16.89	198.8	18.29	204.4	19.26	213.9	20.74
	99	172.2	13.15	185.9	15.05	195.7	16.34	205.5	17.69	211.3	18.63	221.1	20.07
	95	177.4	12.71	191.5	14.53	201.6	15.78	211.7	17.09	217.7	18.00	227.8	19.38
	93	177.4	12.27	191.5	14.04	201.6	15.24	211.7	16.50	217.7	17.38	227.8	18.71
	91	177.4	11.86	191.5	13.56	201.6	14.72	211.7	15.94	217.7	16.78	227.8	18.07
	87	177.4	11.10	191.5	12.68	201.6	13.76	211.7	14.89	217.7	15.68	227.8	16.87
	82	177.4	10.21	191.5	11.66	201.6	12.65	211.7	13.68	217.7	14.40	227.8	15.50
	75	177.4	9.10	191.5	10.38	201.6	11.26	211.7	12.18	217.7	12.81	227.8	13.78
	72	177.4	8.65	191.5	9.87	201.6	10.70	211.7	11.57	217.7	12.18	227.8	13.10
	70	177.4	8.37	191.5	9.55	201.6	10.35	211.7	11.20	217.7	11.78	227.8	12.67
	68	177.4	8.10	191.5	9.24	201.6	10.01	211.7	10.83	217.7	11.39	227.8	12.25
	65	177.4	7.90	191.5	9.01	201.6	9.77	211.7	10.56	217.7	11.11	227.8	11.94
	62	177.4	7.74	191.5	8.82	201.6	9.56	211.7	10.34	217.7	10.88	227.8	11.69
	58	177.4	7.54	191.5	8.60	201.6	9.32	211.7	10.07	217.7	10.60	227.8	11.39
	54	177.4	7.38	191.5	8.42	201.6	9.12	211.7	9.86	217.7	10.37	227.8	11.15
	50	177.4	7.22	191.5	8.23	201.6	8.92	211.7	9.63	217.7	10.13	227.8	10.89
	40	177.4	7.03	191.5	8.01	201.6	8.68	211.7	9.38	217.7	9.87	227.8	10.61
	30	177.4	6.87	191.5	7.83	201.6	8.48	211.7	9.17	217.7	9.64	227.8	10.36
	23	177.4	6.76	191.5	7.71	201.6	8.35	211.7	9.02	217.7	9.49	227.8	10.19
	15	177.4	6.64	191.5	7.57	201.6	8.20	211.7	8.86	217.7	9.32	227.8	10.01
	5	177.4	6.52	191.5	7.43	201.6	8.05	211.7	8.70	217.7	9.15	227.8	9.83

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP3121FT6P-UL/MMY-UP3121FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	147.1	20.83	158.9	23.57	167.2	25.43	175.6	27.35	180.6	28.67	188.9	30.67
	122	163.9	21.73	177.0	24.60	186.3	26.54	195.6	28.56	201.1	29.95	210.4	32.05
	118	188.5	23.14	203.5	26.22	214.2	28.31	224.9	30.47	231.3	31.97	242.0	34.22
	115	209.8	24.39	226.5	27.66	238.4	29.77	250.4	32.18	257.5	33.76	269.4	36.16
	110	240.6	25.66	259.8	29.13	273.5	31.48	287.1	33.92	295.3	35.60	309.0	38.15
	106	250.6	24.88	270.5	28.23	284.8	30.51	299.0	32.88	307.5	34.51	321.7	36.98
	103	257.8	24.27	278.3	27.54	293.0	29.76	307.6	32.08	316.3	33.67	331.0	36.08
	99	266.4	23.47	287.7	26.64	302.8	28.79	318.0	31.02	327.0	32.56	342.1	34.90
	95	274.5	22.67	296.4	25.73	312.0	27.81	327.6	29.97	336.9	31.46	352.5	33.71
	93	274.5	21.92	296.4	24.88	312.0	26.89	327.6	28.97	336.9	30.41	352.5	32.58
	91	274.5	21.21	296.4	24.07	312.0	26.00	327.6	28.02	336.9	29.41	352.5	31.51
	87	274.5	19.87	296.4	22.54	312.0	24.35	327.6	26.24	336.9	27.53	352.5	29.50
	82	274.5	18.32	296.4	20.77	312.0	22.44	327.6	24.17	336.9	25.36	352.5	27.16
	75	274.5	16.36	296.4	18.54	312.0	20.03	327.6	21.57	336.9	22.62	352.5	24.23
	72	274.5	15.57	296.4	17.64	312.0	19.05	327.6	20.51	336.9	21.52	352.5	23.04
	70	274.5	15.07	296.4	17.08	312.0	18.44	327.6	19.86	336.9	20.83	352.5	22.30
	68	274.5	14.58	296.4	16.53	312.0	17.84	327.6	19.21	336.9	20.15	352.5	21.58
	65	274.5	14.24	296.4	16.13	312.0	17.42	327.6	18.75	336.9	19.67	352.5	21.06
	62	274.5	13.95	296.4	15.81	312.0	17.06	327.6	18.37	336.9	19.27	352.5	20.63
	58	274.5	13.60	296.4	15.41	312.0	16.64	327.6	17.91	336.9	18.79	352.5	20.11
	54	274.5	13.32	296.4	15.10	312.0	16.29	327.6	17.54	336.9	18.40	352.5	19.70
	50	274.5	13.03	296.4	14.76	312.0	15.93	327.6	17.15	336.9	17.99	352.5	19.26
	40	274.5	12.70	296.4	14.39	312.0	15.53	327.6	16.72	336.9	17.53	352.5	18.77
	30	274.5	12.42	296.4	14.07	312.0	15.18	327.6	16.34	336.9	17.14	352.5	18.35
	23	274.5	12.22	296.4	13.84	312.0	14.94	327.6	16.08	336.9	16.87	352.5	18.05
	15	274.5	12.00	296.4	13.60	312.0	14.67	327.6	15.79	336.9	16.56	352.5	17.73
	5	274.5	11.79	296.4	13.35	312.0	14.41	327.6	15.51	336.9	16.27	352.5	17.41
110	125	150.1	21.05	162.1	23.81	170.6	25.69	179.1	27.63	184.2	28.96	192.7	30.98
	122	167.2	21.95	180.5	24.85	190.0	26.82	199.5	28.85	205.2	30.26	214.7	32.37
	118	192.3	23.38	207.6	26.49	218.5	28.60	229.4	30.79	236.0	32.29	246.9	34.57
	115	214.0	24.64	231.0	27.94	243.2	30.08	255.4	32.51	262.6	34.11	274.8	36.53
	110	245.4	25.92	265.0	29.42	278.9	31.80	292.9	34.27	301.2	35.97	315.1	38.54
	106	255.6	25.13	276.0	28.52	290.5	30.82	305.0	33.22	313.7	34.87	328.2	37.36
	103	262.9	24.51	283.9	27.82	298.8	30.07	313.8	32.40	322.7	34.01	337.6	36.45
	99	271.8	23.71	293.4	26.91	308.9	29.08	324.3	31.34	333.5	32.90	349.0	35.25
	95	280.0	22.90	302.3	26.00	318.2	28.09	334.2	30.28	343.6	31.78	359.6	34.06
	93	280.0	22.15	302.3	25.14	318.2	27.16	334.2	29.27	343.6	30.72	359.6	32.92
	91	280.0	21.43	302.3	24.31	318.2	26.27	334.2	28.31	343.6	29.71	359.6	31.83
	87	280.0	20.08	302.3	22.77	318.2	24.60	334.2	26.51	343.6	27.81	359.6	29.80
	82	280.0	18.50	302.3	20.98	318.2	22.66	334.2	24.41	343.6	25.61	359.6	27.44
	75	280.0	16.53	302.3	18.73	318.2	20.23	334.2	21.79	343.6	22.86	359.6	24.48
	72	280.0	15.72	302.3	17.82	318.2	19.25	334.2	20.72	343.6	21.74	359.6	23.28
	70	280.0	15.22	302.3	17.25	318.2	18.63	334.2	20.06	343.6	21.04	359.6	22.53
	68	280.0	14.73	302.3	16.69	318.2	18.03	334.2	19.41	343.6	20.36	359.6	21.80
	65	280.0	14.38	302.3	16.30	318.2	17.59	334.2	18.94	343.6	19.87	359.6	21.27
	62	280.0	14.09	302.3	15.97	318.2	17.24	334.2	18.56	343.6	19.47	359.6	20.84
	58	280.0	13.74	302.3	15.57	318.2	16.81	334.2	18.10	343.6	18.98	359.6	20.32
	54	280.0	13.46	302.3	15.25	318.2	16.46	334.2	17.72	343.6	18.59	359.6	19.90
	50	280.0	13.16	302.3	14.91	318.2	16.10	334.2	17.33	343.6	18.17	359.6	19.45
	40	280.0	12.83	302.3	14.54	318.2	15.69	334.2	16.89	343.6	17.71	359.6	18.96
	30	280.0	12.55	302.3	14.21	318.2	15.34	334.2	16.51	343.6	17.31	359.6	18.53
	23	280.0	12.35	302.3	13.98	318.2	15.09	334.2	16.25	343.6	17.04	359.6	18.24
	15	280.0	12.13	302.3	13.73	318.2	14.82	334.2	15.96	343.6	16.73	359.6	17.91
	5	280.0	11.91	302.3	13.49	318.2	14.56	334.2	15.67	343.6	16.44	359.6	17.59
120	125	154.5	21.46	166.8	24.28	175.6	26.19	184.4	28.17	189.6	29.53	198.4	31.59
	122	172.1	22.38	185.8	25.34	195.6	27.34	205.4	29.42	211.2	30.85	221.0	33.01
	118	197.9	23.84	213.7	27.01	224.9	29.16	236.2	31.39	242.9	32.93	254.1	35.25
	115	220.3	25.12	237.8	28.49	250.4	30.67	262.9	33.14	270.3	34.78	282.9	37.25
	110	252.6	26.43	272.8	30.00	287.1	32.42	301.5	34.94	310.1	36.67	324.4	39.30
	106	263.1	25.62	284.1	29.08	299.0	31.43	314.0	33.87	322.9	35.55	337.8	38.10
	103	270.6	24.99	292.2	28.37	307.6	30.66	323.0	33.04	332.2	34.68	347.5	37.16
	99	279.8	24.18	302.1	27.44	318.0	29.65	333.9	31.96	343.4	33.54	359.3	35.95
	95	288.2	23.35	311.2	26.51	327.6	28.65	344.0	30.87	353.7	32.40	370.1	34.72
	93	288.2	22.58	311.2	25.63	327.6	27.69	344.0	29.84	353.7	31.32	370.1	33.56
	91	288.2	21.85	311.2	24.79	327.6	26.79	344.0	28.86	353.7	30.29	370.1	32.45
	87	288.2	20.47	311.2	23.22	327.6	25.09	344.0	27.03	353.7	28.36	370.1	30.38
	82	288.2	18.87	311.2	21.40	327.6	23.11	344.0	24.89	353.7	26.12	370.1	27.97
	75	288.2	16.85	311.2	19.10	327.6	20.63	344.0	22.21	353.7	23.31	370.1	24.96
	72	288.2	16.03	311.2	18.17	327.6	19.62	344.0	21.13	353.7	22.17	370.1	23.74
	70	288.2	15.52	311.2	17.59	327.6	18.99	344.0	20.45	353.7	21.46	370.1	22.97
	68	288.2	15.02	311.2	17.02	327.6	18.38	344.0	19.79	353.7	20.76	370.1	22.23
	65	288.2	14.66	311.2	16.62	327.6	17.94	344.0	19.32	353.7	20.26	370.1	21.69
	62	288.2	14.37	311.2	16.28	327.6	17.58	344.0	18.92	353.7	19.85	370.1	21.25
	58	288.2	14.01	311.2	15.88	327.6	17.14	344.0	18.45	353.7	19.35	370.1	20.72
	54	288.2	13.72	311.2	15.55	327.6	16.78	344.0	18.07	353.7	18.95	370.1	20.29
	50	288.2	13.42	311.2	15.20	327.6	16.41	344.0	17.67	353.7	18.53	370.1	19.84
	40	288.2	13.09	311.2	14.82	327.6	16.00	344.0	17.22	353.7	18.06	370.1	19.33
	30	288.2	12.79	311.2	14.49	327.6	15.64	344.0	16.83	353.7	17.65	370.1	18.90
	23	288.2	12.59	311.2	14.26	327.6	15.39	344.0	16.57	353.7	17.37	370.1	18.59
	15	288.2	12.37	311.2	14.00	327.6	15.12	344.0	16.27	353.7	17.06	370.1	18.26
	5	288.2	12.15	311.2	13.76	327.6	14.85	344.0	15.98	353.7	16.76	370.1	17.94
130	125	158.2	21.77	170.8	24.62	179.8	26.56	188.8	28.57	194.1	29.95	201.2	31.74
	122	176.2	22.70	190.2	25.70	200.2	27.73	210.2	29.84	216.2	31.29	224.1	33.17
	118	202.6	24.17	218.8	27.39	230.3	29.57	241.8	31.84	248.7	33.39	257.8	35.42
	115	225.5	25.48	243.5	28.89	256.3	31.10	269.1	33.61	276.8	35.27	286.9	37.42
	110	258.6	26.81	279.3	30.43	294.0	32.88	308.7	35.44	317.4	37.19	329.1	39.49
	106	269.3	25.99	290.8	29.49	306.1	31.87	321.4	34.35	330.6	36.05	342.7	38.28
	103	277.1	25.35	299.2	28.77	314.9	31.09	330.7	33.51	340.1	35.17	352.5	37.34
	99	286.4	24.52	309.3	27.83	325.6	30.07	341.8	32.41	351.5	34.02	364.4	36.12
	95	295.1	23.68	318.6	26.88	335.4	29.05	352.2	31.31	362.2	32.86	375.4	34.89
	93	295.1	22.90	318.6	25.99	335.4	28.09	352.2	30.27	362.2	31.77	375.4	33.72
	91	295.1	22.16	318.6	25.14	335.4	27.17	352.2	29.27	362.2	30.72	375.4	32.61
	87	295.1	20.76	318.6	23.55	335.4	25.44	352.2	27.41	362.2	28.76	375.4	30.53
	82	295.1	19.14	318.6	21.70	335.4	23.44	352.2	25.25	362.2	26.49	375.4	28.11
	75	295.1	17.09	318.6	19.37	335.4	20.92	352.2	22.53	362.2	23.64	375.4	25.08
	72	295.1	16.26	318.6	18.43	335.4	19.90	352.2	21.43	362.2	22.48	375.4	23.85
	70	295.1	15.74	318.6	17.84	335.4	19.26	352.2	20.74	362.2	21.76	375.4	23.08
	68	295.1	15.23	318.6	17.26	335.4	18.64	352.2	20.07	362.2	21.05	375.4	22.33
	65	295.1	14.87	318.6	16.85	335.4	18.19	352.2	19.59	362.2	20.55	375.4	21.80
	62	295.1	14.57	318.6	16.51	335.4	17.83	352.2	19.19	362.2	20.13	375.4	21.35
	58	295.1	14.21	318.6	16.10	335.4	17.38	352.2	18.71	362.2	19.63	375.4	20.82
	54	295.1	13.92	318.6	15.77	335.4	17.02	352.2	18.33	362.2	19.22	375.4	20.38
	50	295.1	13.61	318.6	15.42	335.4	16.65	352.2	17.92	362.2	18.79	375.4	19.93
	40	295.1	13.27	318.6	15.03	335.4	16.23	352.2	17.47	362.2	18.32	375.4	19.42
	30	295.1	12.98	318.6	14.70	335.4	15.86	352.2	17.07	362.2	17.90	375.4	18.99
	23	295.1	12.77	318.6	14.46	335.4	15.61	352.2	16.80	362.2	17.62	375.4	18.68
	15	295.1	12.54	318.6	14.20	335.4	15.33	352.2	16.50	362.2	17.30	375.4	18.35
	5	295.1	12.32	318.6	13.95	335.4	15.06	352.2	16.21	362.2	17.00	375.4	18.02

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	132.4	18.01	143.0	20.37	150.5	21.98	158.0	23.64	162.5	24.78	170.0	26.51
	122	147.5	18.78	159.3	21.26	167.6	22.94	176.0	24.69	181.0	25.89	189.4	27.70
	118	169.6	20.00	183.2	22.66	192.8	24.47	202.5	26.34	208.2	27.63	217.8	29.58
	115	188.8	21.08	203.9	23.91	214.6	25.73	225.3	27.81	231.7	29.18	242.4	31.25
	110	216.5	22.18	233.8	25.17	246.1	27.21	258.4	29.32	265.8	30.77	278.1	32.98
	106	225.5	21.50	243.5	24.40	256.3	26.37	269.1	28.42	276.8	29.83	289.6	31.97
	103	232.0	20.97	250.5	23.80	263.7	25.73	276.8	27.72	284.7	29.10	297.9	31.18
	99	239.8	20.29	258.9	23.02	272.6	24.88	286.2	26.82	294.3	28.15	307.9	30.16
	95	247.1	19.60	266.8	22.24	280.8	24.04	294.8	25.90	303.2	27.19	317.3	29.14
	93	247.1	18.95	266.8	21.51	280.8	23.24	294.8	25.04	303.2	26.28	317.3	28.16
	91	247.1	18.33	266.8	20.80	280.8	22.48	294.8	24.22	303.2	25.42	317.3	27.23
	87	247.1	17.18	266.8	19.49	280.8	21.05	294.8	22.68	303.2	23.80	317.3	25.49
	82	247.1	15.83	266.8	17.95	280.8	19.39	294.8	20.89	303.2	21.92	317.3	23.47
	75	247.1	14.14	266.8	16.03	280.8	17.31	294.8	18.64	303.2	19.56	317.3	20.94
	72	247.1	13.45	266.8	15.25	280.8	16.47	294.8	17.73	303.2	18.60	317.3	19.92
	70	247.1	13.02	266.8	14.76	280.8	15.94	294.8	17.16	303.2	18.00	317.3	19.28
	68	247.1	12.60	266.8	14.28	280.8	15.42	294.8	16.61	303.2	17.42	317.3	18.65
	65	247.1	12.30	266.8	13.94	280.8	15.05	294.8	16.21	303.2	17.00	317.3	18.20
	62	247.1	12.06	266.8	13.66	280.8	14.75	294.8	15.88	303.2	16.66	317.3	17.83
	58	247.1	11.76	266.8	13.32	280.8	14.38	294.8	15.48	303.2	16.24	317.3	17.39
	54	247.1	11.52	266.8	13.05	280.8	14.08	294.8	15.16	303.2	15.90	317.3	17.02
	50	247.1	11.26	266.8	12.76	280.8	13.77	294.8	14.82	303.2	15.55	317.3	16.64
	40	247.1	10.98	266.8	12.44	280.8	13.42	294.8	14.45	303.2	15.16	317.3	16.22
	30	247.1	10.74	266.8	12.16	280.8	13.12	294.8	14.13	303.2	14.81	317.3	15.86
	23	247.1	10.56	266.8	11.96	280.8	12.91	294.8	13.90	303.2	14.58	317.3	15.60
	15	247.1	10.38	266.8	11.75	280.8	12.68	294.8	13.65	303.2	14.32	317.3	15.32
	5	247.1	10.19	266.8	11.54	280.8	12.46	294.8	13.41	303.2	14.06	317.3	15.05
80	125	117.7	15.40	127.1	17.42	133.8	18.79	140.5	20.21	144.5	21.19	151.2	22.66
	122	131.1	16.06	141.6	18.18	149.0	19.62	156.5	21.11	160.9	22.13	168.4	23.68
	118	150.8	17.10	162.8	19.38	171.4	20.92	180.0	22.52	185.1	23.62	193.6	25.29
	115	167.8	18.02	181.2	20.44	190.7	22.00	200.3	23.78	206.0	24.95	215.5	26.72
	110	192.5	18.96	207.8	21.52	218.8	23.26	229.7	25.07	236.2	26.31	247.2	28.20
	106	200.4	18.38	216.4	20.86	227.8	22.55	239.2	24.30	246.0	25.50	257.4	27.33
	103	206.2	17.93	222.7	20.35	234.4	21.99	246.1	23.70	253.1	24.88	264.8	26.66
	99	213.2	17.34	230.2	19.69	242.3	21.27	254.4	22.93	261.6	24.06	273.7	25.79
	95	219.6	16.75	237.1	19.02	249.6	20.55	262.1	22.15	269.5	23.25	282.0	24.91
	93	219.6	16.20	237.1	18.39	249.6	19.87	262.1	21.41	269.5	22.47	282.0	24.08
	91	219.6	15.67	237.1	17.79	249.6	19.22	262.1	20.71	269.5	21.73	282.0	23.28
	87	219.6	14.69	237.1	16.66	249.6	18.00	262.1	19.39	269.5	20.35	282.0	21.80
	82	219.6	13.54	237.1	15.35	249.6	16.58	262.1	17.86	269.5	18.74	282.0	20.07
	75	219.6	12.09	237.1	13.70	249.6	14.80	262.1	15.94	269.5	16.72	282.0	17.90
	72	219.6	11.50	237.1	13.04	249.6	14.08	262.1	15.16	269.5	15.90	282.0	17.03
	70	219.6	11.13	237.1	12.62	249.6	13.63	262.1	14.67	269.5	15.39	282.0	16.48
	68	219.6	10.78	237.1	12.21	249.6	13.19	262.1	14.20	269.5	14.89	282.0	15.95
	65	219.6	10.52	237.1	11.92	249.6	12.87	262.1	13.86	269.5	14.54	282.0	15.56
	62	219.6	10.31	237.1	11.68	249.6	12.61	262.1	13.58	269.5	14.24	282.0	15.25
	58	219.6	10.05	237.1	11.39	249.6	12.30	262.1	13.24	269.5	13.88	282.0	14.86
	54	219.6	9.85	237.1	11.15	249.6	12.04	262.1	12.96	269.5	13.60	282.0	14.55
	50	219.6	9.63	237.1	10.91	249.6	11.77	262.1	12.68	269.5	13.29	282.0	14.23
	40	219.6	9.39	237.1	10.63	249.6	11.48	262.1	12.35	269.5	12.96	282.0	13.87
	30	219.6	9.18	237.1	10.40	249.6	11.22	262.1	12.08	269.5	12.67	282.0	13.56
	23	219.6	9.03	237.1	10.23	249.6	11.04	262.1	11.88	269.5	12.46	282.0	13.34
	15	219.6	8.87	237.1	10.05	249.6	10.84	262.1	11.67	269.5	12.24	282.0	13.10
	5	219.6	8.71	237.1	9.87	249.6	10.65	262.1	11.46	269.5	12.02	282.0	12.87
70	125	103.0	12.98	111.2	14.68	117.1	15.84	122.9	17.04	126.4	17.86	132.3	19.10
	122	114.7	13.53	123.9	15.32	130.4	16.53	136.9	17.79	140.8	18.65	147.3	19.96
	118	131.9	14.41	142.5	16.33	150.0	17.63	157.5	18.98	161.9	19.91	169.4	21.32
	115	146.8	15.19	158.6	17.23	166.9	18.54	175.2	20.04	180.2	21.03	188.6	22.52
	110	168.4	15.98	181.9	18.14	191.4	19.60	201.0	21.13	206.7	22.18	216.3	23.76
	106	175.4	15.49	189.4	17.59	199.3	19.00	209.3	20.48	215.3	21.50	225.2	23.04
	103	180.4	15.11	194.8	17.15	205.1	18.54	215.3	19.98	221.4	20.97	231.7	22.47
	99	186.5	14.62	201.4	16.59	212.0	17.93	222.6	19.32	228.9	20.28	239.5	21.74
	95	192.2	14.12	207.5	16.03	218.4	17.32	229.3	18.67	235.8	19.59	246.8	21.00
	93	192.2	13.66	207.5	15.50	218.4	16.75	229.3	18.05	235.8	18.94	246.8	20.29
	91	192.2	13.21	207.5	14.99	218.4	16.20	229.3	17.45	235.8	18.32	246.8	19.62
	87	192.2	12.38	207.5	14.04	218.4	15.17	229.3	16.34	235.8	17.15	246.8	18.37
	82	192.2	11.41	207.5	12.94	218.4	13.97	229.3	15.05	235.8	15.79	246.8	16.92
	75	192.2	10.19	207.5	11.55	218.4	12.47	229.3	13.43	235.8	14.09	246.8	15.09
	72	192.2	9.69	207.5	10.99	218.4	11.87	229.3	12.78	235.8	13.40	246.8	14.35
	70	192.2	9.39	207.5	10.64	218.4	11.49	229.3	12.37	235.8	12.97	246.8	13.89
	68	192.2	9.08	207.5	10.29	218.4	11.11	229.3	11.97	235.8	12.55	246.8	13.44
	65	192.2	8.87	207.5	10.05	218.4	10.85	229.3	11.68	235.8	12.25	246.8	13.12
	62	192.2	8.69	207.5	9.84	218.4	10.63	229.3	11.44	235.8	12.00	246.8	12.85
	58	192.2	8.47	207.5	9.60	218.4	10.36	229.3	11.16	235.8	11.70	246.8	12.53
	54	192.2	8.30	207.5	9.40	218.4	10.15	229.3	10.93	235.8	11.46	246.8	12.27
	50	192.2	8.12	207.5	9.19	218.4	9.92	229.3	10.68	235.8	11.20	246.8	11.99
	40	192.2	7.91	207.5	8.96	218.4	9.67	229.3	10.41	235.8	10.92	246.8	11.69
	30	192.2	7.74	207.5	8.76	218.4	9.46	229.3	10.18	235.8	10.68	246.8	11.43
	23	192.2	7.61	207.5	8.62	218.4	9.31	229.3	10.02	235.8	10.50	246.8	11.24
	15	192.2	7.48	207.5	8.47	218.4	9.14	229.3	9.84	235.8	10.32	246.8	11.04
	5	192.2	7.34	207.5	8.32	218.4	8.98	229.3	9.66	235.8	10.13	246.8	10.85

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP3361FT6P-UL/MMY-UP3361FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	158.4	21.69	171.1	24.79	180.1	26.92	189.1	29.16	194.5	30.72	203.5	33.10
	122	176.5	22.76	190.6	26.06	200.6	28.33	210.6	30.72	216.6	32.38	226.6	34.93
	118	203.0	24.47	219.2	28.11	230.7	30.60	242.3	33.23	249.1	35.06	260.7	37.87
	115	225.9	26.04	243.9	29.97	256.8	32.57	269.6	35.52	277.3	37.51	290.1	40.56
	110	259.1	27.74	279.8	32.01	294.5	34.94	309.2	38.04	318.0	40.21	332.7	43.53
	106	269.8	26.89	291.4	31.03	306.7	33.87	322.0	36.88	331.1	38.97	346.5	42.20
	103	277.6	26.23	299.7	30.27	315.5	33.04	331.3	35.97	340.7	38.02	356.4	41.16
	99	286.9	25.37	309.8	29.28	326.1	31.96	342.4	34.80	352.1	36.78	368.5	39.82
	95	295.6	24.51	319.2	28.29	336.0	30.88	352.8	33.62	362.8	35.53	379.6	38.47
	93	295.6	23.65	319.2	27.28	336.0	29.77	352.8	32.41	362.8	34.25	379.6	37.07
	91	295.6	22.83	319.2	26.33	336.0	28.73	352.8	31.26	362.8	33.03	379.6	35.75
	87	295.6	21.31	319.2	24.56	336.0	26.79	352.8	29.14	362.8	30.78	379.6	33.29
	82	295.6	19.57	319.2	22.53	336.0	24.56	352.8	26.70	362.8	28.19	379.6	30.49
	75	295.6	17.40	319.2	20.01	336.0	21.80	352.8	23.69	362.8	25.01	379.6	27.03
	72	295.6	16.53	319.2	19.00	336.0	20.70	352.8	22.49	362.8	23.74	379.6	25.66
	70	295.6	15.99	319.2	18.38	336.0	20.02	352.8	21.75	362.8	22.95	379.6	24.80
	68	295.6	15.46	319.2	17.77	336.0	19.35	352.8	21.02	362.8	22.18	379.6	23.96
	65	295.6	15.08	319.2	17.32	336.0	18.86	352.8	20.48	362.8	21.61	379.6	23.35
	62	295.6	14.76	319.2	16.95	336.0	18.45	352.8	20.04	362.8	21.15	379.6	22.84
	58	295.6	14.38	319.2	16.51	336.0	17.97	352.8	19.51	362.8	20.58	379.6	22.23
	54	295.6	14.07	319.2	16.15	336.0	17.58	352.8	19.08	362.8	20.13	379.6	21.74
	50	295.6	13.75	319.2	15.78	336.0	17.17	352.8	18.64	362.8	19.66	379.6	21.23
	40	295.6	13.38	319.2	15.36	336.0	16.71	352.8	18.13	362.8	19.13	379.6	20.65
	30	295.6	13.08	319.2	15.00	336.0	16.32	352.8	17.71	362.8	18.68	379.6	20.16
	23	295.6	12.86	319.2	14.75	336.0	16.05	352.8	17.42	362.8	18.37	379.6	19.83
	15	295.6	12.63	319.2	14.49	336.0	15.76	352.8	17.10	362.8	18.04	379.6	19.47
	5	295.6	12.41	319.2	14.23	336.0	15.48	352.8	16.80	362.8	17.71	379.6	19.12
110	125	161.6	21.91	174.5	25.05	183.7	27.20	192.9	29.46	198.4	31.03	207.5	33.44
	122	180.0	22.99	194.4	26.33	204.6	28.62	214.8	31.03	220.9	32.71	231.2	35.29
	118	207.0	24.72	223.6	28.39	235.3	30.91	247.1	33.57	254.1	35.42	265.9	38.26
	115	230.4	26.31	248.8	30.28	261.9	32.91	275.0	35.89	282.8	37.89	295.9	40.97
	110	264.3	28.02	285.4	32.34	300.4	35.30	315.4	38.43	324.4	40.62	339.4	43.98
	106	275.2	27.16	297.2	31.35	312.8	34.22	328.5	37.25	337.8	39.37	353.4	42.63
	103	283.1	26.50	305.7	30.58	321.8	33.38	337.9	36.34	347.5	38.41	363.6	41.58
	99	292.7	25.63	316.0	29.58	332.7	32.29	349.3	35.15	359.2	37.15	375.8	40.22
	95	301.5	24.76	325.6	28.58	342.7	31.20	359.9	33.96	370.1	35.89	387.2	38.86
	93	301.5	23.89	325.6	27.56	342.7	30.08	359.9	32.74	370.1	34.60	387.2	37.45
	91	301.5	23.07	325.6	26.60	342.7	29.02	359.9	31.58	370.1	33.37	387.2	36.11
	87	301.5	21.53	325.6	24.81	342.7	27.06	359.9	29.43	370.1	31.09	387.2	33.63
	82	301.5	19.77	325.6	22.76	342.7	24.81	359.9	26.97	370.1	28.48	387.2	30.80
	75	301.5	17.58	325.6	20.22	342.7	22.03	359.9	23.94	370.1	25.27	387.2	27.31
	72	301.5	16.70	325.6	19.20	342.7	20.91	359.9	22.72	370.1	23.98	387.2	25.92
	70	301.5	16.15	325.6	18.56	342.7	20.22	359.9	21.97	370.1	23.18	387.2	25.05
	68	301.5	15.62	325.6	17.95	342.7	19.55	359.9	21.23	370.1	22.41	387.2	24.21
	65	301.5	15.23	325.6	17.50	342.7	19.05	359.9	20.69	370.1	21.83	387.2	23.59
	62	301.5	14.91	325.6	17.12	342.7	18.64	359.9	20.25	370.1	21.36	387.2	23.07
	58	301.5	14.52	325.6	16.68	342.7	18.15	359.9	19.71	370.1	20.79	387.2	22.46
	54	301.5	14.21	325.6	16.31	342.7	17.76	359.9	19.28	370.1	20.34	387.2	21.96
	50	301.5	13.89	325.6	15.94	342.7	17.34	359.9	18.83	370.1	19.86	387.2	21.45
	40	301.5	13.52	325.6	15.51	342.7	16.88	359.9	18.32	370.1	19.32	387.2	20.86
	30	301.5	13.21	325.6	15.15	342.7	16.48	359.9	17.89	370.1	18.87	387.2	20.37
	23	301.5	13.00	325.6	14.91	342.7	16.22	359.9	17.60	370.1	18.56	387.2	20.03
	15	301.5	12.76	325.6	14.64	342.7	15.92	359.9	17.28	370.1	18.22	387.2	19.67
	5	301.5	12.53	325.6	14.37	342.7	15.64	359.9	16.97	370.1	17.90	387.2	19.32
120	125	166.4	22.34	179.6	25.54	189.1	27.73	198.6	30.04	204.2	31.64	213.6	34.10
	122	185.3	23.44	200.1	26.85	210.6	29.18	221.2	31.64	227.4	33.35	238.0	35.98
	118	213.1	25.21	230.1	28.95	242.3	31.52	254.4	34.23	261.6	36.11	273.7	39.01
	115	237.2	26.82	256.1	30.88	269.6	33.55	283.1	36.59	291.1	38.64	304.6	41.78
	110	272.0	28.57	293.8	32.97	309.2	36.00	324.7	39.19	333.9	41.42	349.4	44.84
	106	283.3	27.69	305.9	31.96	322.0	34.89	338.1	37.99	347.7	40.15	363.8	43.46
	103	291.4	27.02	314.7	31.18	331.3	34.04	347.8	37.06	357.7	39.16	374.3	42.40
	99	301.3	26.13	325.3	30.16	342.4	32.92	359.6	35.84	369.8	37.88	386.9	41.01
	95	310.4	25.25	335.2	29.14	352.8	31.81	370.4	34.63	380.9	36.60	398.6	39.63
	93	310.4	24.36	335.2	28.10	352.8	30.67	370.4	33.38	380.9	35.28	398.6	38.18
	91	310.4	23.52	335.2	27.12	352.8	29.59	370.4	32.20	380.9	34.02	398.6	36.82
	87	310.4	21.95	335.2	25.30	352.8	27.59	370.4	30.01	380.9	31.70	398.6	34.29
	82	310.4	20.16	335.2	23.20	352.8	25.30	370.4	27.50	380.9	29.04	398.6	31.41
	75	310.4	17.92	335.2	20.61	352.8	22.46	370.4	24.41	380.9	25.76	398.6	27.85
	72	310.4	17.03	335.2	19.58	352.8	21.32	370.4	23.17	380.9	24.45	398.6	26.43
	70	310.4	16.47	335.2	18.93	352.8	20.62	370.4	22.40	380.9	23.64	398.6	25.54
	68	310.4	15.92	335.2	18.30	352.8	19.93	370.4	21.65	380.9	22.85	398.6	24.68
	65	310.4	15.53	335.2	17.84	352.8	19.43	370.4	21.10	380.9	22.26	398.6	24.05
	62	310.4	15.20	335.2	17.46	352.8	19.01	370.4	20.64	380.9	21.78	398.6	23.53
	58	310.4	14.81	335.2	17.00	352.8	18.51	370.4	20.10	380.9	21.20	398.6	22.90
	54	310.4	14.49	335.2	16.63	352.8	18.10	370.4	19.65	380.9	20.73	398.6	22.39
	50	310.4	14.16	335.2	16.25	352.8	17.69	370.4	19.20	380.9	20.25	398.6	21.87
	40	310.4	13.79	335.2	15.82	352.8	17.21	370.4	18.68	380.9	19.70	398.6	21.27
	30	310.4	13.47	335.2	15.45	352.8	16.81	370.4	18.24	380.9	19.24	398.6	20.77
	23	310.4	13.25	335.2	15.20	352.8	16.53	370.4	17.94	380.9	18.92	398.6	20.43
	15	310.4	13.01	335.2	14.92	352.8	16.24	370.4	17.62	380.9	18.58	398.6	20.06
	5	310.4	12.78	335.2	14.66	352.8	15.94	370.4	17.30	380.9	18.25	398.6	19.70
130	125	170.3	22.66	183.9	25.90	193.6	28.12	203.3	30.46	209.1	32.09	216.7	34.26
	122	189.7	23.77	204.9	27.23	215.6	29.60	226.4	32.09	232.8	33.83	241.4	36.15
	118	218.2	25.57	235.6	29.36	248.0	31.97	260.4	34.71	267.8	36.63	277.6	39.19
	115	242.8	27.20	262.2	31.31	276.0	34.03	289.8	37.11	298.1	39.18	309.0	41.98
	110	278.5	28.98	300.8	33.44	316.6	36.51	332.4	39.74	341.8	42.00	354.3	45.05
	106	290.0	28.09	313.2	32.42	329.7	35.39	346.2	38.52	356.0	40.71	369.0	43.67
	103	298.4	27.40	322.2	31.62	339.2	34.52	356.1	37.58	366.2	39.72	379.6	42.60
	99	308.4	26.50	333.1	30.59	350.6	33.39	368.1	36.35	378.6	38.42	392.4	41.21
	95	317.8	25.60	343.1	29.55	361.2	32.26	379.3	35.12	390.0	37.12	404.3	39.81
	93	317.8	24.70	343.1	28.50	361.2	31.10	379.3	33.86	390.0	35.78	404.3	38.36
	91	317.8	23.85	343.1	27.50	361.2	30.01	379.3	32.66	390.0	34.50	404.3	36.99
	87	317.8	22.27	343.1	25.66	361.2	27.98	379.3	30.44	390.0	32.15	404.3	34.46
	82	317.8	20.44	343.1	23.53	361.2	25.65	379.3	27.89	390.0	29.45	404.3	31.55
	75	317.8	18.18	343.1	20.91	361.2	22.78	379.3	24.75	390.0	26.13	404.3	27.98
	72	317.8	17.27	343.1	19.85	361.2	21.63	379.3	23.50	390.0	24.80	404.3	26.55
	70	317.8	16.70	343.1	19.20	361.2	20.91	379.3	22.72	390.0	23.97	404.3	25.66
	68	317.8	16.15	343.1	18.56	361.2	20.21	379.3	21.96	390.0	23.17	404.3	24.80
	65	317.8	15.75	343.1	18.09	361.2	19.70	379.3	21.40	390.0	22.58	404.3	24.16
	62	317.8	15.42	343.1	17.71	361.2	19.28	379.3	20.94	390.0	22.09	404.3	23.64
	58	317.8	15.02	343.1	17.24	361.2	18.77	379.3	20.38	390.0	21.50	404.3	23.01
	54	317.8	14.70	343.1	16.87	361.2	18.36	379.3	19.93	390.0	21.03	404.3	22.50
	50	317.8	14.36	343.1	16.48	361.2	17.94	379.3	19.47	390.0	20.54	404.3	21.97
	40	317.8	13.98	343.1	16.04	361.2	17.45	379.3	18.94	390.0	19.98	404.3	21.37
	30	317.8	13.66	343.1	15.67	361.2	17.05	379.3	18.50	390.0	19.51	404.3	20.86
	23	317.8	13.44	343.1	15.41	361.2	16.77	379.3	18.20	390.0	19.19	404.3	20.52
	15	317.8	13.20	343.1	15.14	361.2	16.47	379.3	17.87	390.0	18.84	404.3	20.15
	5	317.8	12.96	343.1	14.86	361.2	16.17	379.3	17.55	390.0	18.51	404.3	19.79

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	142.6	18.75	154.0	21.43	162.1	23.27	170.2	25.20	175.0	26.55	183.1	28.61
	122	158.8	19.67	171.5	22.53	180.5	24.49	189.6	26.55	194.9	27.99	204.0	30.19
	118	182.7	21.15	197.3	24.29	207.6	26.45	218.0	28.72	224.2	30.30	234.6	32.73
	115	203.3	22.51	219.5	25.91	231.1	28.15	242.7	30.70	249.5	32.42	261.1	35.06
	110	233.2	23.97	251.8	27.67	265.1	30.20	278.3	32.88	286.2	34.75	299.4	37.62
	106	242.8	23.24	262.2	26.82	276.0	29.28	289.8	31.87	298.0	33.69	311.8	36.47
	103	249.8	22.67	269.8	26.16	283.9	28.56	298.1	31.09	306.6	32.86	320.8	35.58
	99	258.2	21.93	278.8	25.31	293.5	27.63	308.2	30.08	316.9	31.79	331.6	34.41
	95	266.0	21.18	287.3	24.45	302.4	26.69	317.5	29.06	326.5	30.71	341.6	33.25
	93	266.0	20.44	287.3	23.58	302.4	25.73	317.5	28.01	326.5	29.60	341.6	32.04
	91	266.0	19.73	287.3	22.76	302.4	24.83	317.5	27.02	326.5	28.55	341.6	30.90
	87	266.0	18.42	287.3	21.23	302.4	23.15	317.5	25.18	326.5	26.60	341.6	28.78
	82	266.0	16.91	287.3	19.47	302.4	21.23	317.5	23.08	326.5	24.37	341.6	26.35
	75	266.0	15.04	287.3	17.30	302.4	18.85	317.5	20.48	326.5	21.62	341.6	23.37
	72	266.0	14.29	287.3	16.43	302.4	17.89	317.5	19.44	326.5	20.52	341.6	22.17
	70	266.0	13.82	287.3	15.88	302.4	17.30	317.5	18.79	326.5	19.84	341.6	21.43
	68	266.0	13.36	287.3	15.36	302.4	16.72	317.5	18.17	326.5	19.17	341.6	20.71
	65	266.0	13.03	287.3	14.97	302.4	16.30	317.5	17.70	326.5	18.68	341.6	20.18
	62	266.0	12.76	287.3	14.65	302.4	15.95	317.5	17.32	326.5	18.28	341.6	19.74
	58	266.0	12.43	287.3	14.27	302.4	15.53	317.5	16.86	326.5	17.79	341.6	19.21
	54	266.0	12.16	287.3	13.96	302.4	15.19	317.5	16.49	326.5	17.40	341.6	18.79
	50	266.0	11.88	287.3	13.64	302.4	14.84	317.5	16.11	326.5	16.99	341.6	18.35
	40	266.0	11.57	287.3	13.27	302.4	14.44	317.5	15.67	326.5	16.53	341.6	17.85
	30	266.0	11.30	287.3	12.96	302.4	14.10	317.5	15.30	326.5	16.14	341.6	17.42
	23	266.0	11.12	287.3	12.75	302.4	13.87	317.5	15.06	326.5	15.88	341.6	17.14
	15	266.0	10.92	287.3	12.52	302.4	13.62	317.5	14.78	326.5	15.59	341.6	16.83
	5	266.0	10.72	287.3	12.30	302.4	13.38	317.5	14.52	326.5	15.31	341.6	16.53
80	125	126.8	16.03	136.9	18.32	144.1	19.89	151.3	21.55	155.6	22.70	162.8	24.46
	122	141.2	16.82	152.4	19.26	160.5	20.94	168.5	22.70	173.3	23.93	181.3	25.81
	118	162.4	18.09	175.3	20.77	184.6	22.61	193.8	24.56	199.3	25.91	208.5	27.98
	115	180.7	19.24	195.1	22.15	205.4	24.07	215.7	26.25	221.8	27.72	232.1	29.97
	110	207.3	20.50	223.8	23.66	235.6	25.82	247.4	28.11	254.4	29.71	266.2	32.17
	106	215.8	19.87	233.1	22.93	245.3	25.03	257.6	27.25	264.9	28.80	277.2	31.18
	103	222.1	19.38	239.8	22.37	252.4	24.42	265.0	26.58	272.5	28.10	285.2	30.42
	99	229.5	18.75	247.9	21.64	260.9	23.62	274.0	25.71	281.7	27.18	294.8	29.42
	95	236.5	18.11	255.4	20.90	268.8	22.82	282.2	24.84	290.2	26.26	303.7	28.43
	93	236.5	17.48	255.4	20.16	268.8	22.00	282.2	23.95	290.2	25.31	303.7	27.39
	91	236.5	16.87	255.4	19.46	268.8	21.23	282.2	23.10	290.2	24.41	303.7	26.41
	87	236.5	15.75	255.4	18.15	268.8	19.79	282.2	21.53	290.2	22.74	303.7	24.60
	82	236.5	14.46	255.4	16.65	268.8	18.15	282.2	19.73	290.2	20.84	303.7	22.53
	75	236.5	12.86	255.4	14.79	268.8	16.11	282.2	17.51	290.2	18.48	303.7	19.98
	72	236.5	12.22	255.4	14.04	268.8	15.30	282.2	16.62	290.2	17.54	303.7	18.96
	70	236.5	11.81	255.4	13.58	268.8	14.79	282.2	16.07	290.2	16.96	303.7	18.33
	68	236.5	11.42	255.4	13.13	268.8	14.30	282.2	15.53	290.2	16.39	303.7	17.71
	65	236.5	11.14	255.4	12.80	268.8	13.94	282.2	15.14	290.2	15.97	303.7	17.25
	62	236.5	10.91	255.4	12.53	268.8	13.64	282.2	14.81	290.2	15.63	303.7	16.88
	58	236.5	10.62	255.4	12.20	268.8	13.28	282.2	14.42	290.2	15.21	303.7	16.43
	54	236.5	10.40	255.4	11.93	268.8	12.99	282.2	14.10	290.2	14.88	303.7	16.06
	50	236.5	10.16	255.4	11.66	268.8	12.69	282.2	13.77	290.2	14.53	303.7	15.69
	40	236.5	9.89	255.4	11.35	268.8	12.35	282.2	13.40	290.2	14.13	303.7	15.26
	30	236.5	9.66	255.4	11.08	268.8	12.06	282.2	13.09	290.2	13.80	303.7	14.90
	23	236.5	9.51	255.4	10.90	268.8	11.86	282.2	12.87	290.2	13.57	303.7	14.65
	15	236.5	9.34	255.4	10.71	268.8	11.65	282.2	12.64	290.2	13.33	303.7	14.39
	5	236.5	9.17	255.4	10.52	268.8	11.44	282.2	12.41	290.2	13.09	303.7	14.13
70	125	110.9	13.51	119.8	15.44	126.1	16.77	132.4	18.16	136.1	19.13	142.4	20.62
	122	123.5	14.17	133.4	16.23	140.4	17.65	147.4	19.13	151.6	20.17	158.6	21.76
	118	142.1	15.24	153.4	17.51	161.5	19.06	169.6	20.70	174.4	21.84	182.5	23.59
	115	158.1	16.22	170.8	18.67	179.7	20.29	188.7	22.13	194.1	23.36	203.1	25.26
	110	181.4	17.28	195.8	19.94	206.2	21.77	216.5	23.70	222.6	25.04	232.9	27.11
	106	188.9	16.75	203.9	19.33	214.7	21.10	225.4	22.97	231.8	24.27	242.5	26.28
	103	194.3	16.34	209.8	18.85	220.8	20.58	231.9	22.41	238.5	23.68	249.5	25.64
	99	200.8	15.80	216.9	18.24	228.3	19.91	239.7	21.67	246.5	22.91	257.9	24.80
	95	206.9	15.27	223.4	17.62	235.2	19.23	247.0	20.94	254.0	22.13	265.7	23.96
	93	206.9	14.73	223.4	16.99	235.2	18.55	247.0	20.19	254.0	21.33	265.7	23.09
	91	206.9	14.22	223.4	16.40	235.2	17.89	247.0	19.47	254.0	20.57	265.7	22.26
	87	206.9	13.28	223.4	15.30	235.2	16.68	247.0	18.15	254.0	19.17	265.7	20.74
	82	206.9	12.19	223.4	14.03	235.2	15.30	247.0	16.63	254.0	17.56	265.7	18.99
	75	206.9	10.84	223.4	12.46	235.2	13.58	247.0	14.76	254.0	15.58	265.7	16.84
	72	206.9	10.30	223.4	11.84	235.2	12.89	247.0	14.01	254.0	14.79	265.7	15.98
	70	206.9	9.96	223.4	11.45	235.2	12.47	247.0	13.54	254.0	14.29	265.7	15.45
	68	206.9	9.63	223.4	11.07	235.2	12.05	247.0	13.09	254.0	13.81	265.7	14.93
	65	206.9	9.39	223.4	10.79	235.2	11.75	247.0	12.76	254.0	13.46	265.7	14.54
	62	206.9	9.19	223.4	10.56	235.2	11.49	247.0	12.48	254.0	13.17	265.7	14.23
	58	206.9	8.95	223.4	10.28	235.2	11.19	247.0	12.15	254.0	12.82	265.7	13.85
	54	206.9	8.76	223.4	10.06	235.2	10.95	247.0	11.88	254.0	12.54	265.7	13.54
	50	206.9	8.56	223.4	9.83	235.2	10.69	247.0	11.61	254.0	12.25	265.7	13.22
	40	206.9	8.34	223.4	9.56	235.2	10.41	247.0	11.29	254.0	11.91	265.7	12.86
	30	206.9	8.14	223.4	9.34	235.2	10.16	247.0	11.03	254.0	11.63	265.7	12.56
	23	206.9	8.01	223.4	9.19	235.2	10.00	247.0	10.85	254.0	11.44	265.7	12.35
	15	206.9	7.87	223.4	9.02	235.2	9.82	247.0	10.65	254.0	11.23	265.7	12.13
	5	206.9	7.73	223.4	8.86	235.2	9.64	247.0	10.46	254.0	11.03	265.7	11.91

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP3601FT6P-UL/MMY-UP3601FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	169.8	24.03	183.3	27.38	193.0	29.68	202.6	32.09	208.4	33.77	218.0	36.33
	122	189.1	25.17	204.2	28.73	214.9	31.17	225.7	33.73	232.1	35.53	242.9	38.25
	118	217.5	26.99	234.8	30.89	247.2	33.56	259.6	36.38	267.0	38.35	279.3	41.34
	115	242.1	28.66	261.4	32.86	275.1	35.65	288.9	38.79	297.1	40.92	310.9	44.16
	110	277.7	30.43	299.8	34.99	315.5	38.11	331.3	41.41	340.8	43.72	356.6	47.25
	106	289.2	29.50	312.2	33.91	328.6	36.95	345.0	40.14	354.9	42.38	371.3	45.80
	103	297.5	28.78	321.1	33.08	338.0	36.04	354.9	39.16	365.1	41.34	382.0	44.68
	99	307.5	27.84	332.0	32.00	349.4	34.86	366.9	37.88	377.4	39.99	394.9	43.21
	95	316.8	26.89	342.0	30.92	360.0	33.68	378.0	36.59	388.8	38.64	406.8	41.75
	93	316.8	25.96	342.0	29.83	360.0	32.49	378.0	35.30	388.8	37.26	406.8	40.25
	91	316.8	25.08	342.0	28.80	360.0	31.36	378.0	34.06	388.8	35.95	406.8	38.84
	87	316.8	23.43	342.0	26.89	360.0	29.27	378.0	31.78	388.8	33.53	406.8	36.21
	82	316.8	21.53	342.0	24.69	360.0	26.86	378.0	29.15	388.8	30.75	406.8	33.19
	75	316.8	19.16	342.0	21.96	360.0	23.88	378.0	25.90	388.8	27.31	406.8	29.47
	72	316.8	18.21	342.0	20.86	360.0	22.68	378.0	24.60	388.8	25.94	406.8	27.98
	70	316.8	17.62	342.0	20.18	360.0	21.93	378.0	23.78	388.8	25.08	406.8	27.05
	68	316.8	17.04	342.0	19.51	360.0	21.21	378.0	22.99	388.8	24.24	406.8	26.14
	65	316.8	16.62	342.0	19.03	360.0	20.68	378.0	22.42	388.8	23.63	406.8	25.48
	62	316.8	16.28	342.0	18.63	360.0	20.24	378.0	21.94	388.8	23.13	406.8	24.93
	58	316.8	15.86	342.0	18.15	360.0	19.71	378.0	21.37	388.8	22.52	406.8	24.28
	54	316.8	15.52	342.0	17.76	360.0	19.29	378.0	20.90	388.8	22.03	406.8	23.74
	50	316.8	15.17	342.0	17.35	360.0	18.85	378.0	20.42	388.8	21.52	406.8	23.19
	40	316.8	14.78	342.0	16.89	360.0	18.35	378.0	19.87	388.8	20.94	406.8	22.57
	30	316.8	14.44	342.0	16.50	360.0	17.92	378.0	19.41	388.8	20.45	406.8	22.04
	23	316.8	14.21	342.0	16.24	360.0	17.63	378.0	19.10	388.8	20.12	406.8	21.68
	15	316.8	13.95	342.0	15.95	360.0	17.31	378.0	18.75	388.8	19.76	406.8	21.29
	5	316.8	13.70	342.0	15.66	360.0	17.00	378.0	18.42	388.8	19.40	406.8	20.91
110	125	173.2	24.28	187.0	27.66	196.8	29.98	206.7	32.42	212.6	34.12	222.4	36.70
	122	192.9	25.43	208.3	29.02	219.2	31.49	230.2	34.08	236.8	35.89	247.7	38.64
	118	221.9	27.27	239.5	31.21	252.1	33.91	264.7	36.75	272.3	38.74	284.9	41.77
	115	246.9	28.95	266.6	33.20	280.6	36.01	294.6	39.19	303.1	41.34	317.1	44.61
	110	283.2	30.75	305.8	35.34	321.9	38.50	337.9	41.84	347.6	44.17	363.7	47.73
	106	294.9	29.80	318.4	34.26	335.2	37.32	351.9	40.55	362.0	42.81	378.7	46.26
	103	303.4	29.07	327.6	33.42	344.8	36.41	362.0	39.56	372.4	41.77	389.6	45.13
	99	313.6	28.12	338.6	32.33	356.4	35.22	374.2	38.26	384.9	40.40	402.8	43.65
	95	323.1	27.17	348.8	31.23	367.2	34.02	385.6	36.97	396.6	39.03	414.9	42.18
	93	323.1	26.23	348.8	30.14	367.2	32.82	385.6	35.66	396.6	37.64	414.9	40.66
	91	323.1	25.33	348.8	29.10	367.2	31.69	385.6	34.41	396.6	36.32	414.9	39.23
	87	323.1	23.67	348.8	27.17	367.2	29.57	385.6	32.10	396.6	33.87	414.9	36.58
	82	323.1	21.75	348.8	24.94	367.2	27.14	385.6	29.45	396.6	31.07	414.9	33.53
	75	323.1	19.36	348.8	22.18	367.2	24.12	385.6	26.16	396.6	27.59	414.9	29.77
	72	323.1	18.40	348.8	21.08	367.2	22.91	385.6	24.85	396.6	26.20	414.9	28.26
	70	323.1	17.80	348.8	20.38	367.2	22.16	385.6	24.03	396.6	25.33	414.9	27.32
	68	323.1	17.22	348.8	19.71	367.2	21.42	385.6	23.23	396.6	24.49	414.9	26.41
	65	323.1	16.79	348.8	19.22	367.2	20.89	385.6	22.64	396.6	23.87	414.9	25.74
	62	323.1	16.44	348.8	18.82	367.2	20.45	385.6	22.16	396.6	23.36	414.9	25.19
	58	323.1	16.02	348.8	18.33	367.2	19.92	385.6	21.58	396.6	22.75	414.9	24.52
	54	323.1	15.68	348.8	17.94	367.2	19.49	385.6	21.11	396.6	22.25	414.9	23.99
	50	323.1	15.33	348.8	17.53	367.2	19.04	385.6	20.63	396.6	21.74	414.9	23.43
	40	323.1	14.93	348.8	17.07	367.2	18.53	385.6	20.08	396.6	21.16	414.9	22.80
	30	323.1	14.59	348.8	16.67	367.2	18.10	385.6	19.61	396.6	20.66	414.9	22.27
	23	323.1	14.35	348.8	16.40	367.2	17.81	385.6	19.29	396.6	20.33	414.9	21.90
	15	323.1	14.10	348.8	16.11	367.2	17.49	385.6	18.94	396.6	19.96	414.9	21.51
	5	323.1	13.84	348.8	15.82	367.2	17.18	385.6	18.61	396.6	19.60	414.9	21.12
120	125	178.3	24.76	192.5	28.20	202.6	30.57	212.7	33.05	218.8	34.79	229.0	37.42
	122	198.6	25.93	214.4	29.59	225.7	32.10	236.9	34.75	243.7	36.59	255.0	39.40
	118	228.4	27.81	246.6	31.82	259.6	34.57	272.5	37.47	280.3	39.50	293.3	42.59
	115	254.2	29.52	274.4	33.85	288.9	36.72	303.3	39.96	312.0	42.15	326.4	45.49
	110	291.6	31.35	314.8	36.04	331.3	39.26	347.9	42.66	357.8	45.04	374.4	48.67
	106	303.6	30.39	327.8	34.93	345.0	38.06	362.3	41.35	372.6	43.65	389.9	47.17
	103	312.3	29.64	337.2	34.08	354.9	37.12	372.7	40.34	383.3	42.59	401.1	46.02
	99	322.9	28.67	348.6	32.96	366.9	35.91	385.2	39.02	396.3	41.19	414.6	44.51
	95	332.6	27.70	359.1	31.84	378.0	34.69	396.9	37.69	408.2	39.80	427.1	43.00
	93	332.6	26.74	359.1	30.73	378.0	33.47	396.9	36.36	408.2	38.38	427.1	41.46
	91	332.6	25.83	359.1	29.67	378.0	32.31	396.9	35.09	408.2	37.03	427.1	40.00
	87	332.6	24.13	359.1	27.70	378.0	30.15	396.9	32.73	408.2	34.54	427.1	37.30
	82	332.6	22.18	359.1	25.43	378.0	27.67	396.9	30.03	408.2	31.68	427.1	34.19
	75	332.6	19.74	359.1	22.62	378.0	24.60	396.9	26.68	408.2	28.13	427.1	30.35
	72	332.6	18.76	359.1	21.49	378.0	23.36	396.9	25.34	408.2	26.71	427.1	28.82
	70	332.6	18.15	359.1	20.78	378.0	22.59	396.9	24.50	408.2	25.83	427.1	27.86
	68	332.6	17.55	359.1	20.10	378.0	21.84	396.9	23.68	408.2	24.97	427.1	26.93
	65	332.6	17.12	359.1	19.60	378.0	21.30	396.9	23.09	408.2	24.34	427.1	26.25
	62	332.6	16.77	359.1	19.19	378.0	20.85	396.9	22.60	408.2	23.82	427.1	25.68
	58	332.6	16.34	359.1	18.69	378.0	20.31	396.9	22.01	408.2	23.20	427.1	25.01
	54	332.6	15.99	359.1	18.29	378.0	19.87	396.9	21.53	408.2	22.69	427.1	24.46
	50	332.6	15.63	359.1	17.87	378.0	19.41	396.9	21.03	408.2	22.17	427.1	23.89
	40	332.6	15.22	359.1	17.40	378.0	18.90	396.9	20.47	408.2	21.57	427.1	23.25
	30	332.6	14.87	359.1	17.00	378.0	18.46	396.9	20.00	408.2	21.07	427.1	22.70
	23	332.6	14.63	359.1	16.73	378.0	18.16	396.9	19.67	408.2	20.73	427.1	22.33
	15	332.6	14.37	359.1	16.42	378.0	17.83	396.9	19.32	408.2	20.35	427.1	21.93
	5	332.6	14.12	359.1	16.13	378.0	17.52	396.9	18.97	408.2	19.99	427.1	21.54
130	125	182.5	25.11	197.1	28.60	207.4	31.00	217.8	33.52	224.0	35.28	232.2	37.60
	122	203.3	26.29	219.5	30.01	231.0	32.56	242.6	35.24	249.5	37.11	258.6	39.59
	118	233.8	28.20	252.4	32.27	265.7	35.06	279.0	38.00	287.0	40.06	297.5	42.79
	115	260.3	29.94	281.0	34.33	295.8	37.24	310.5	40.52	319.4	42.74	331.1	45.70
	110	298.5	31.79	322.2	36.55	339.2	39.82	356.2	43.26	366.3	45.67	379.7	48.90
	106	310.8	30.82	335.6	35.43	353.2	38.60	370.9	41.94	381.5	44.27	395.4	47.40
	103	319.8	30.06	345.2	34.56	363.4	37.65	381.6	40.91	392.5	43.19	406.8	46.24
	99	330.6	29.08	356.9	33.43	375.6	36.42	394.4	39.57	405.7	41.78	420.5	44.72
	95	340.6	28.09	367.7	32.30	387.0	35.18	406.4	38.23	418.0	40.36	433.2	43.21
	93	340.6	27.12	367.7	31.16	387.0	33.94	406.4	36.87	418.0	38.92	433.2	41.66
	91	340.6	26.20	367.7	30.09	387.0	32.77	406.4	35.59	418.0	37.56	433.2	40.19
	87	340.6	24.48	367.7	28.09	387.0	30.58	406.4	33.20	418.0	35.03	433.2	37.47
	82	340.6	22.49	367.7	25.79	387.0	28.06	406.4	30.45	418.0	32.12	433.2	34.35
	75	340.6	20.02	367.7	22.94	387.0	24.94	406.4	27.06	418.0	28.53	433.2	30.49
	72	340.6	19.03	367.7	21.79	387.0	23.69	406.4	25.69	418.0	27.09	433.2	28.95
	70	340.6	18.41	367.7	21.08	387.0	22.91	406.4	24.85	418.0	26.20	433.2	27.99
	68	340.6	17.80	367.7	20.38	387.0	22.15	406.4	24.02	418.0	25.32	433.2	27.06
	65	340.6	17.36	367.7	19.88	387.0	21.60	406.4	23.42	418.0	24.69	433.2	26.37
	62	340.6	17.00	367.7	19.46	387.0	21.14	406.4	22.92	418.0	24.16	433.2	25.80
	58	340.6	16.57	367.7	18.96	387.0	20.59	406.4	22.32	418.0	23.52	433.2	25.12
	54	340.6	16.22	367.7	18.55	387.0	20.15	406.4	21.83	418.0	23.01	433.2	24.57
	50	340.6	15.85	367.7	18.12	387.0	19.69	406.4	21.33	418.0	22.48	433.2	24.00
	40	340.6	15.44	367.7	17.65	387.0	19.17	406.4	20.76	418.0	21.88	433.2	23.36
	30	340.6	15.09	367.7	17.24	387.0	18.72	406.4	20.28	418.0	21.37	433.2	22.81
	23	340.6	14.84	367.7	16.96	387.0	18.42	406.4	19.95	418.0	21.02	433.2	22.44
	15	340.6	14.58	367.7	16.66	387.0	18.09	406.4	19.59	418.0	20.64	433.2	22.03
	5	340.6	14.32	367.7	16.36	387.0	17.76	406.4	19.24	418.0	20.27	433.2	21.64

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	152.8	20.77	165.0	23.66	173.7	25.65	182.4	27.74	187.6	29.19	196.2	31.40
	122	170.2	21.75	183.8	24.83	193.4	26.94	203.1	29.16	208.9	30.71	218.6	33.06
	118	195.8	23.33	211.4	26.70	222.5	29.01	233.6	31.44	240.3	33.14	251.4	35.73
	115	217.9	24.77	235.2	28.40	247.6	30.81	260.0	33.53	267.4	35.37	279.8	38.17
	110	249.9	26.31	269.8	30.24	284.0	32.94	298.2	35.79	306.7	37.79	320.9	40.83
	106	260.2	25.50	280.9	29.31	295.7	31.93	310.5	34.70	319.4	36.63	334.2	39.58
	103	267.7	24.87	289.0	28.59	304.2	31.15	319.4	33.85	328.6	35.73	343.8	38.61
	99	276.7	24.06	298.8	27.66	314.5	30.13	330.2	32.74	339.6	34.56	355.4	37.35
	95	285.1	23.24	307.8	26.72	324.0	29.11	340.2	31.63	349.9	33.39	366.1	36.08
	93	285.1	22.44	307.8	25.78	324.0	28.08	340.2	30.51	349.9	32.20	366.1	34.79
	91	285.1	21.67	307.8	24.90	324.0	27.11	340.2	29.44	349.9	31.08	366.1	33.57
	87	285.1	20.25	307.8	23.24	324.0	25.30	340.2	27.47	349.9	28.98	366.1	31.29
	82	285.1	18.61	307.8	21.34	324.0	23.22	340.2	25.20	349.9	26.58	366.1	28.69
	75	285.1	16.56	307.8	18.98	324.0	20.64	340.2	22.38	349.9	23.61	366.1	25.47
	72	285.1	15.74	307.8	18.03	324.0	19.60	340.2	21.26	349.9	22.42	366.1	24.18
	70	285.1	15.23	307.8	17.44	324.0	18.96	340.2	20.56	349.9	21.67	366.1	23.38
	68	285.1	14.73	307.8	16.86	324.0	18.33	340.2	19.87	349.9	20.95	366.1	22.60
	65	285.1	14.37	307.8	16.44	324.0	17.87	340.2	19.37	349.9	20.42	366.1	22.02
	62	285.1	14.07	307.8	16.10	324.0	17.49	340.2	18.96	349.9	19.99	366.1	21.55
	58	285.1	13.71	307.8	15.68	324.0	17.04	340.2	18.47	349.9	19.46	366.1	20.98
	54	285.1	13.42	307.8	15.35	324.0	16.67	340.2	18.06	349.9	19.04	366.1	20.52
	50	285.1	13.11	307.8	15.00	324.0	16.29	340.2	17.65	349.9	18.60	366.1	20.05
	40	285.1	12.77	307.8	14.60	324.0	15.86	340.2	17.18	349.9	18.10	366.1	19.51
	30	285.1	12.48	307.8	14.26	324.0	15.49	340.2	16.78	349.9	17.68	366.1	19.05
	23	285.1	12.28	307.8	14.03	324.0	15.24	340.2	16.51	349.9	17.39	366.1	18.74
	15	285.1	12.06	307.8	13.78	324.0	14.96	340.2	16.21	349.9	17.08	366.1	18.40
	5	285.1	11.84	307.8	13.54	324.0	14.70	340.2	15.92	349.9	16.77	366.1	18.07
80	125	135.8	17.76	146.7	20.23	154.4	21.93	162.1	23.71	166.7	24.96	174.4	26.85
	122	151.3	18.60	163.3	21.23	171.9	23.03	180.5	24.93	185.7	26.25	194.3	28.27
	118	174.0	19.95	187.9	22.83	197.8	24.80	207.6	26.88	213.6	28.34	223.5	30.55
	115	193.7	21.18	209.1	24.28	220.1	26.34	231.1	28.66	237.7	30.24	248.7	32.63
	110	222.1	22.49	239.8	25.85	252.4	28.17	265.1	30.60	272.6	32.31	285.2	34.91
	106	231.3	21.80	249.7	25.06	262.9	27.30	276.0	29.66	283.9	31.32	297.0	33.84
	103	238.0	21.27	256.9	24.45	270.4	26.63	283.9	28.94	292.1	30.55	305.6	33.01
	99	246.0	20.57	265.6	23.65	279.5	25.76	293.5	27.99	301.9	29.55	315.9	31.93
	95	253.4	19.87	273.6	22.85	288.0	24.89	302.4	27.04	311.0	28.55	325.4	30.85
	93	253.4	19.18	273.6	22.05	288.0	24.01	302.4	26.08	311.0	27.53	325.4	29.75
	91	253.4	18.53	273.6	21.29	288.0	23.18	302.4	25.17	311.0	26.57	325.4	28.70
	87	253.4	17.31	273.6	19.87	288.0	21.63	302.4	23.48	311.0	24.78	325.4	26.76
	82	253.4	15.91	273.6	18.25	288.0	19.85	302.4	21.54	311.0	22.72	325.4	24.53
	75	253.4	14.16	273.6	16.23	288.0	17.65	302.4	19.14	311.0	20.18	325.4	21.77
	72	253.4	13.46	273.6	15.42	288.0	16.76	302.4	18.18	311.0	19.17	325.4	20.67
	70	253.4	13.02	273.6	14.91	288.0	16.21	302.4	17.58	311.0	18.53	325.4	19.99
	68	253.4	12.59	273.6	14.42	288.0	15.67	302.4	16.99	311.0	17.91	325.4	19.32
	65	253.4	12.28	273.6	14.06	288.0	15.28	302.4	16.56	311.0	17.46	325.4	18.83
	62	253.4	12.03	273.6	13.76	288.0	14.96	302.4	16.21	311.0	17.09	325.4	18.43
	58	253.4	11.72	273.6	13.41	288.0	14.57	302.4	15.79	311.0	16.64	325.4	17.94
	54	253.4	11.47	273.6	13.12	288.0	14.25	302.4	15.45	311.0	16.28	325.4	17.55
	50	253.4	11.21	273.6	12.82	288.0	13.93	302.4	15.09	311.0	15.90	325.4	17.14
	40	253.4	10.92	273.6	12.48	288.0	13.56	302.4	14.69	311.0	15.48	325.4	16.68
	30	253.4	10.67	273.6	12.20	288.0	13.24	302.4	14.35	311.0	15.11	325.4	16.29
	23	253.4	10.50	273.6	12.00	288.0	13.03	302.4	14.11	311.0	14.87	325.4	16.02
	15	253.4	10.31	273.6	11.78	288.0	12.79	302.4	13.86	311.0	14.60	325.4	15.73
	5	253.4	10.13	273.6	11.57	288.0	12.57	302.4	13.61	311.0	14.34	325.4	15.45
70	125	118.9	14.97	128.3	17.05	135.1	18.48	141.8	19.99	145.9	21.03	152.6	22.63
	122	132.4	15.68	142.9	17.89	150.4	19.41	158.0	21.01	162.5	22.13	170.0	23.83
	118	152.3	16.81	164.4	19.24	173.0	20.91	181.7	22.66	186.9	23.88	195.5	25.75
	115	169.5	17.85	183.0	20.47	192.6	22.20	202.2	24.16	208.0	25.49	217.6	27.51
	110	194.4	18.96	209.8	21.79	220.9	23.74	231.9	25.79	238.5	27.23	249.6	29.43
	106	202.4	18.37	218.5	21.12	230.0	23.01	241.5	25.00	248.4	26.40	259.9	28.52
	103	208.2	17.92	224.8	20.61	236.6	22.45	248.5	24.39	255.6	25.75	267.4	27.83
	99	215.2	17.34	232.4	19.93	244.6	21.71	256.8	23.59	264.2	24.91	276.4	26.92
	95	221.8	16.75	239.4	19.26	252.0	20.98	264.6	22.79	272.2	24.06	284.8	26.00
	93	221.8	16.17	239.4	18.58	252.0	20.24	264.6	21.98	272.2	23.21	284.8	25.07
	91	221.8	15.62	239.4	17.94	252.0	19.54	264.6	21.22	272.2	22.39	284.8	24.19
	87	221.8	14.59	239.4	16.75	252.0	18.23	264.6	19.79	272.2	20.89	284.8	22.55
	82	221.8	13.41	239.4	15.38	252.0	16.73	264.6	18.16	272.2	19.15	284.8	20.67
	75	221.8	11.94	239.4	13.68	252.0	14.87	264.6	16.13	272.2	17.01	284.8	18.35
	72	221.8	11.34	239.4	12.99	252.0	14.13	264.6	15.32	272.2	16.15	284.8	17.42
	70	221.8	10.97	239.4	12.57	252.0	13.66	264.6	14.81	272.2	15.62	284.8	16.85
	68	221.8	10.61	239.4	12.15	252.0	13.21	264.6	14.32	272.2	15.10	284.8	16.28
	65	221.8	10.35	239.4	11.85	252.0	12.88	264.6	13.96	272.2	14.72	284.8	15.87
	62	221.8	10.14	239.4	11.60	252.0	12.61	264.6	13.66	272.2	14.40	284.8	15.53
	58	221.8	9.88	239.4	11.30	252.0	12.28	264.6	13.31	272.2	14.03	284.8	15.12
	54	221.8	9.67	239.4	11.06	252.0	12.01	264.6	13.02	272.2	13.72	284.8	14.79
	50	221.8	9.45	239.4	10.81	252.0	11.74	264.6	12.72	272.2	13.40	284.8	14.45
	40	221.8	9.20	239.4	10.52	252.0	11.43	264.6	12.38	272.2	13.04	284.8	14.06
	30	221.8	8.99	239.4	10.28	252.0	11.16	264.6	12.09	272.2	12.74	284.8	13.73
	23	221.8	8.85	239.4	10.11	252.0	10.98	264.6	11.89	272.2	12.53	284.8	13.50
	15	221.8	8.69	239.4	9.93	252.0	10.78	264.6	11.68	272.2	12.31	284.8	13.26
	5	221.8	8.54	239.4	9.75	252.0	10.59	264.6	11.47	272.2	12.09	284.8	13.02

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP3841FT6P-UL/MMY-UP3841FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	181.1	25.63	195.5	29.20	205.8	31.65	216.1	34.22	222.3	36.02	232.6	38.75
	122	201.7	26.84	217.8	30.64	229.2	33.24	240.7	35.98	247.6	37.89	259.0	40.80
	118	232.0	28.79	250.5	32.94	263.7	35.80	276.9	38.80	284.8	40.89	297.9	44.09
	115	258.2	30.56	278.8	35.04	293.5	38.02	308.1	41.37	316.9	43.64	331.6	47.10
	110	296.2	32.46	319.7	37.31	336.6	40.65	353.4	44.17	363.5	46.63	380.3	50.38
	106	308.4	31.46	333.0	36.17	350.5	39.40	368.0	42.81	378.5	45.20	396.0	48.84
	103	317.3	30.69	342.5	35.28	360.6	38.44	378.6	41.76	389.4	44.09	407.4	47.64
	99	328.0	29.69	354.1	34.13	372.7	37.18	391.4	40.40	402.5	42.65	421.2	46.08
	95	337.9	28.68	364.8	32.97	384.0	35.92	403.2	39.03	414.7	41.20	433.9	44.52
	93	337.9	27.69	364.8	31.82	384.0	34.65	403.2	37.64	414.7	39.73	433.9	42.93
	91	337.9	26.74	364.8	30.72	384.0	33.45	403.2	36.33	414.7	38.34	433.9	41.42
	87	337.9	24.99	364.8	28.68	384.0	31.22	403.2	33.89	414.7	35.76	433.9	38.61
	82	337.9	22.96	364.8	26.33	384.0	28.65	403.2	31.09	414.7	32.79	433.9	35.40
	75	337.9	20.44	364.8	23.42	384.0	25.47	403.2	27.62	414.7	29.13	433.9	31.42
	72	337.9	19.42	364.8	22.25	384.0	24.19	403.2	26.23	414.7	27.66	433.9	29.83
	70	337.9	18.79	364.8	21.52	384.0	23.39	403.2	25.37	414.7	26.74	433.9	28.84
	68	337.9	18.17	364.8	20.81	384.0	22.62	403.2	24.52	414.7	25.85	433.9	27.88
	65	337.9	17.73	364.8	20.29	384.0	22.05	403.2	23.91	414.7	25.20	433.9	27.17
	62	337.9	17.36	364.8	19.87	384.0	21.59	403.2	23.40	414.7	24.66	433.9	26.59
	58	337.9	16.91	364.8	19.35	384.0	21.03	403.2	22.79	414.7	24.01	433.9	25.89
	54	337.9	16.55	364.8	18.94	384.0	20.57	403.2	22.29	414.7	23.49	433.9	25.32
	50	337.9	16.18	364.8	18.50	384.0	20.10	403.2	21.78	414.7	22.95	433.9	24.73
	40	337.9	15.76	364.8	18.02	384.0	19.57	403.2	21.20	414.7	22.33	433.9	24.07
	30	337.9	15.40	364.8	17.60	384.0	19.11	403.2	20.70	414.7	21.81	433.9	23.50
	23	337.9	15.15	364.8	17.32	384.0	18.80	403.2	20.37	414.7	21.46	433.9	23.12
	15	337.9	14.88	364.8	17.01	384.0	18.47	403.2	20.00	414.7	21.07	433.9	22.70
	5	337.9	14.61	364.8	16.70	384.0	18.14	403.2	19.64	414.7	20.69	433.9	22.30
110	125	184.7	25.89	199.4	29.50	209.9	31.97	220.4	34.57	226.7	36.38	237.2	39.14
	122	205.8	27.12	222.1	30.95	233.8	33.58	245.5	36.35	252.5	38.27	264.2	41.21
	118	236.7	29.08	255.5	33.28	268.9	36.16	282.4	39.20	290.4	41.31	303.9	44.54
	115	263.4	30.87	284.4	35.40	299.3	38.41	314.3	41.79	323.3	44.08	338.2	47.58
	110	302.1	32.79	326.1	37.70	343.3	41.07	360.5	44.62	370.8	47.10	387.9	50.90
	106	314.6	31.78	339.6	36.54	357.5	39.81	375.4	43.25	386.1	45.66	404.0	49.34
	103	323.6	31.00	349.4	35.64	367.8	38.83	386.2	42.19	397.2	44.54	415.6	48.13
	99	334.5	29.99	361.2	34.48	380.2	37.56	399.2	40.81	410.6	43.08	429.6	46.56
	95	344.7	28.97	372.1	33.31	391.7	36.29	411.3	39.43	423.0	41.62	442.6	44.98
	93	344.7	27.97	372.1	32.14	391.7	35.01	411.3	38.03	423.0	40.14	442.6	43.37
	91	344.7	27.02	372.1	31.03	391.7	33.79	411.3	36.70	423.0	38.73	442.6	41.84
	87	344.7	25.24	372.1	28.97	391.7	31.54	411.3	34.24	423.0	36.13	442.6	39.01
	82	344.7	23.19	372.1	26.60	391.7	28.94	411.3	31.41	423.0	33.13	442.6	35.76
	75	344.7	20.65	372.1	23.66	391.7	25.73	411.3	27.90	423.0	29.42	442.6	31.74
	72	344.7	19.62	372.1	22.48	391.7	24.44	411.3	26.50	423.0	27.94	442.6	30.14
	70	344.7	18.98	372.1	21.74	391.7	23.63	411.3	25.63	423.0	27.02	442.6	29.14
	68	344.7	18.36	372.1	21.02	391.7	22.85	411.3	24.77	423.0	26.12	442.6	28.17
	65	344.7	17.91	372.1	20.50	391.7	22.28	411.3	24.15	423.0	25.46	442.6	27.45
	62	344.7	17.54	372.1	20.07	391.7	21.81	411.3	23.64	423.0	24.91	442.6	26.86
	58	344.7	17.09	372.1	19.55	391.7	21.24	411.3	23.02	423.0	24.26	442.6	26.15
	54	344.7	16.72	372.1	19.13	391.7	20.78	411.3	22.52	423.0	23.73	442.6	25.58
	50	344.7	16.35	372.1	18.69	391.7	20.30	411.3	22.00	423.0	23.18	442.6	24.99
	40	344.7	15.92	372.1	18.20	391.7	19.77	411.3	21.41	423.0	22.56	442.6	24.31
	30	344.7	15.56	372.1	17.78	391.7	19.31	411.3	20.92	423.0	22.04	442.6	23.74
	23	344.7	15.31	372.1	17.49	391.7	19.00	411.3	20.58	423.0	21.68	442.6	23.36
	15	344.7	15.03	372.1	17.18	391.7	18.65	411.3	20.20	423.0	21.29	442.6	22.94
	5	344.7	14.76	372.1	16.87	391.7	18.32	411.3	19.84	423.0	20.91	442.6	22.53
120	125	190.2	26.40	205.3	30.08	216.1	32.60	226.9	35.25	233.4	37.10	244.2	39.91
	122	211.8	27.65	228.7	31.56	240.7	34.24	252.7	37.06	260.0	39.03	272.0	42.02
	118	243.6	29.65	263.0	33.93	276.9	36.87	290.7	39.96	299.0	42.12	312.8	45.42
	115	271.1	31.48	292.7	36.10	308.1	39.17	323.5	42.61	332.8	44.95	348.2	48.51
	110	311.0	33.43	335.7	38.44	353.4	41.87	371.1	45.49	381.7	48.03	399.3	51.90
	106	323.8	32.41	349.6	37.26	368.0	40.59	386.4	44.10	397.4	46.56	415.8	50.31
	103	333.1	31.61	359.7	36.34	378.6	39.59	397.5	43.02	408.9	45.42	427.8	49.08
	99	344.4	30.58	371.8	35.15	391.4	38.30	410.9	41.61	422.6	43.93	442.2	47.47
	95	354.8	29.54	383.0	33.96	403.2	37.00	423.4	40.20	435.4	42.44	455.6	45.86
	93	354.8	28.52	383.0	32.77	403.2	35.69	423.4	38.77	435.4	40.93	455.6	44.22
	91	354.8	27.55	383.0	31.64	403.2	34.46	423.4	37.42	435.4	39.49	455.6	42.66
	87	354.8	25.74	383.0	29.54	403.2	32.16	423.4	34.91	435.4	36.83	455.6	39.77
	82	354.8	23.65	383.0	27.12	403.2	29.51	423.4	32.02	435.4	33.78	455.6	36.46
	75	354.8	21.05	383.0	24.12	403.2	26.23	423.4	28.45	435.4	30.00	455.6	32.37
	72	354.8	20.01	383.0	22.92	403.2	24.92	423.4	27.02	435.4	28.49	455.6	30.73
	70	354.8	19.36	383.0	22.17	403.2	24.10	423.4	26.13	435.4	27.55	455.6	29.71
	68	354.8	18.72	383.0	21.43	403.2	23.30	423.4	25.26	435.4	26.63	455.6	28.72
	65	354.8	18.26	383.0	20.90	403.2	22.72	423.4	24.62	435.4	25.96	455.6	27.99
	62	354.8	17.88	383.0	20.46	403.2	22.24	423.4	24.10	435.4	25.40	455.6	27.39
	58	354.8	17.42	383.0	19.93	403.2	21.66	423.4	23.47	435.4	24.74	455.6	26.67
	54	354.8	17.05	383.0	19.51	403.2	21.19	423.4	22.96	435.4	24.20	455.6	26.08
	50	354.8	16.67	383.0	19.06	403.2	20.70	423.4	22.43	435.4	23.64	455.6	25.48
	40	354.8	16.23	383.0	18.56	403.2	20.15	423.4	21.83	435.4	23.01	455.6	24.79
	30	354.8	15.86	383.0	18.13	403.2	19.69	423.4	21.33	435.4	22.47	455.6	24.21
	23	354.8	15.61	383.0	17.84	403.2	19.37	423.4	20.98	435.4	22.10	455.6	23.82
	15	354.8	15.33	383.0	17.52	403.2	19.02	423.4	20.60	435.4	21.70	455.6	23.39
	5	354.8	15.05	383.0	17.20	403.2	18.68	423.4	20.23	435.4	21.32	455.6	22.97
130	125	194.7	26.78	210.2	30.50	221.3	33.06	232.3	35.75	239.0	37.62	247.7	40.10
	122	216.9	28.04	234.1	32.00	246.4	34.72	258.8	37.58	266.1	39.58	275.9	42.22
	118	249.4	30.07	269.3	34.42	283.4	37.40	297.6	40.53	306.1	42.72	317.3	45.63
	115	277.6	31.92	299.7	36.61	315.5	39.72	331.2	43.22	340.7	45.58	353.1	48.74
	110	318.4	33.91	343.7	38.98	361.8	42.47	379.9	46.14	390.7	48.71	405.0	52.15
	106	331.5	32.87	357.9	37.79	376.8	41.16	395.6	44.72	406.9	47.22	421.8	50.55
	103	341.1	32.06	368.2	36.86	387.6	40.15	407.0	43.63	418.6	46.06	433.9	49.31
	99	352.6	31.01	380.6	35.65	400.7	38.84	420.7	42.20	432.7	44.55	448.5	47.69
	95	363.2	29.96	392.2	34.44	412.8	37.52	433.4	40.77	445.8	43.04	462.1	46.08
	93	363.2	28.92	392.2	33.24	412.8	36.20	433.4	39.32	445.8	41.51	462.1	44.43
	91	363.2	27.94	392.2	32.09	412.8	34.94	433.4	37.95	445.8	40.05	462.1	42.86
	87	363.2	26.10	392.2	29.96	412.8	32.61	433.4	35.40	445.8	37.36	462.1	39.96
	82	363.2	23.98	392.2	27.51	412.8	29.93	433.4	32.48	445.8	34.26	462.1	36.63
	75	363.2	21.35	392.2	24.47	412.8	26.60	433.4	28.85	445.8	30.43	462.1	32.52
	72	363.2	20.29	392.2	23.24	412.8	25.27	433.4	27.40	445.8	28.89	462.1	30.88
	70	363.2	19.63	392.2	22.48	412.8	24.44	433.4	26.50	445.8	27.94	462.1	29.85
	68	363.2	18.99	392.2	21.74	412.8	23.63	433.4	25.62	445.8	27.01	462.1	28.85
	65	363.2	18.52	392.2	21.20	412.8	23.04	433.4	24.97	445.8	26.33	462.1	28.12
	62	363.2	18.13	392.2	20.75	412.8	22.55	433.4	24.44	445.8	25.76	462.1	27.52
	58	363.2	17.67	392.2	20.22	412.8	21.96	433.4	23.80	445.8	25.09	462.1	26.79
	54	363.2	17.29	392.2	19.78	412.8	21.49	433.4	23.29	445.8	24.54	462.1	26.21
	50	363.2	16.90	392.2	19.33	412.8	21.00	433.4	22.75	445.8	23.97	462.1	25.60
	40	363.2	16.46	392.2	18.82	412.8	20.44	433.4	22.14	445.8	23.33	462.1	24.91
	30	363.2	16.09	392.2	18.39	412.8	19.97	433.4	21.63	445.8	22.79	462.1	24.33
	23	363.2	15.83	392.2	18.09	412.8	19.64	433.4	21.28	445.8	22.42	462.1	23.93
	15	363.2	15.54	392.2	17.77	412.8	19.29	433.4	20.89	445.8	22.01	462.1	23.50
	5	363.2	15.27	392.2	17.45	412.8	18.95	433.4	20.52	445.8	21.62	462.1	23.08

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	163.0	22.15	176.0	25.24	185.2	27.36	194.5	29.58	200.1	31.13	209.3	33.49
	122	181.6	23.20	196.0	26.48	206.3	28.73	216.6	31.10	222.8	32.75	233.1	35.26
	118	208.8	24.88	225.4	28.47	237.3	30.94	249.2	33.53	256.3	35.35	268.1	38.11
	115	232.4	26.41	250.9	30.29	264.1	32.87	277.3	35.76	285.2	37.71	298.4	40.70
	110	266.6	28.05	287.8	32.25	302.9	35.13	318.1	38.17	327.1	40.30	342.3	43.55
	106	277.6	27.19	299.7	31.26	315.4	34.06	331.2	37.00	340.7	39.06	356.4	42.21
	103	285.6	26.53	308.3	30.50	324.5	33.22	340.7	36.10	350.5	38.11	366.7	41.18
	99	295.2	25.66	318.7	29.50	335.5	32.14	352.2	34.92	362.3	36.86	379.0	39.83
	95	304.1	24.79	328.3	28.50	345.6	31.05	362.9	33.73	373.2	35.61	390.5	38.48
	93	304.1	23.93	328.3	27.50	345.6	29.95	362.9	32.54	373.2	34.34	390.5	37.10
	91	304.1	23.11	328.3	26.55	345.6	28.91	362.9	31.40	373.2	33.14	390.5	35.80
	87	304.1	21.60	328.3	24.79	345.6	26.98	362.9	29.29	373.2	30.91	390.5	33.37
	82	304.1	19.84	328.3	22.76	345.6	24.76	362.9	26.87	373.2	28.34	390.5	30.59
	75	304.1	17.66	328.3	20.24	345.6	22.01	362.9	23.87	373.2	25.17	390.5	27.16
	72	304.1	16.79	328.3	19.23	345.6	20.91	362.9	22.67	373.2	23.91	390.5	25.79
	70	304.1	16.24	328.3	18.60	345.6	20.22	362.9	21.92	373.2	23.11	390.5	24.93
	68	304.1	15.71	328.3	17.99	345.6	19.55	362.9	21.19	373.2	22.34	390.5	24.10
	65	304.1	15.32	328.3	17.54	345.6	19.06	362.9	20.66	373.2	21.78	390.5	23.49
	62	304.1	15.00	328.3	17.17	345.6	18.66	362.9	20.22	373.2	21.32	390.5	22.98
	58	304.1	14.62	328.3	16.73	345.6	18.17	362.9	19.69	373.2	20.76	390.5	22.38
	54	304.1	14.31	328.3	16.37	345.6	17.78	362.9	19.27	373.2	20.30	390.5	21.89
	50	304.1	13.98	328.3	15.99	345.6	17.37	362.9	18.82	373.2	19.83	390.5	21.38
	40	304.1	13.62	328.3	15.57	345.6	16.91	362.9	18.32	373.2	19.30	390.5	20.80
	30	304.1	13.31	328.3	15.21	345.6	16.52	362.9	17.89	373.2	18.85	390.5	20.32
	23	304.1	13.10	328.3	14.97	345.6	16.25	362.9	17.60	373.2	18.55	390.5	19.98
	15	304.1	12.86	328.3	14.70	345.6	15.96	362.9	17.29	373.2	18.21	390.5	19.62
	5	304.1	12.63	328.3	14.44	345.6	15.67	362.9	16.98	373.2	17.89	390.5	19.27
80	125	144.9	18.94	156.4	21.58	164.7	23.39	172.9	25.29	177.8	26.62	186.1	28.63
	122	161.4	19.84	174.2	22.64	183.4	24.56	192.6	26.59	198.1	28.00	207.2	30.15
	118	185.6	21.27	200.4	24.34	210.9	26.45	221.5	28.67	227.8	30.22	238.3	32.58
	115	206.6	22.58	223.0	25.90	234.8	28.10	246.5	30.57	253.5	32.25	265.3	34.80
	110	236.9	23.98	255.8	27.57	269.3	30.04	282.7	32.64	290.8	34.46	304.3	37.23
	106	246.7	23.25	266.4	26.73	280.4	29.12	294.4	31.64	302.8	33.40	316.8	36.09
	103	253.8	22.68	274.0	26.07	288.5	28.40	302.9	30.86	311.5	32.58	325.9	35.21
	99	262.4	21.94	283.3	25.22	298.2	27.48	313.1	29.85	322.0	31.52	336.9	34.06
	95	270.3	21.19	291.8	24.37	307.2	26.54	322.6	28.84	331.8	30.45	347.1	32.90
	93	270.3	20.46	291.8	23.51	307.2	25.61	322.6	27.82	331.8	29.36	347.1	31.72
	91	270.3	19.76	291.8	22.70	307.2	24.72	322.6	26.85	331.8	28.33	347.1	30.61
	87	270.3	18.46	291.8	21.19	307.2	23.07	322.6	25.04	331.8	26.43	347.1	28.53
	82	270.3	16.97	291.8	19.46	307.2	21.17	322.6	22.97	331.8	24.23	347.1	26.16
	75	270.3	15.10	291.8	17.31	307.2	18.82	322.6	20.41	331.8	21.52	347.1	23.22
	72	270.3	14.35	291.8	16.44	307.2	17.88	322.6	19.38	331.8	20.44	347.1	22.05
	70	270.3	13.89	291.8	15.90	307.2	17.29	322.6	18.74	331.8	19.76	347.1	21.32
	68	270.3	13.43	291.8	15.38	307.2	16.71	322.6	18.12	331.8	19.10	347.1	20.60
	65	270.3	13.10	291.8	14.99	307.2	16.30	322.6	17.67	331.8	18.62	347.1	20.08
	62	270.3	12.83	291.8	14.68	307.2	15.95	322.6	17.29	331.8	18.22	347.1	19.65
	58	270.3	12.50	291.8	14.30	307.2	15.54	322.6	16.84	331.8	17.75	347.1	19.13
	54	270.3	12.23	291.8	13.99	307.2	15.20	322.6	16.47	331.8	17.36	347.1	18.71
	50	270.3	11.96	291.8	13.67	307.2	14.85	322.6	16.09	331.8	16.96	347.1	18.28
	40	270.3	11.65	291.8	13.31	307.2	14.46	322.6	15.66	331.8	16.50	347.1	17.79
	30	270.3	11.38	291.8	13.01	307.2	14.12	322.6	15.30	331.8	16.12	347.1	17.37
	23	270.3	11.20	291.8	12.80	307.2	13.90	322.6	15.05	331.8	15.86	347.1	17.09
	15	270.3	11.00	291.8	12.57	307.2	13.65	322.6	14.78	331.8	15.57	347.1	16.78
	5	270.3	10.80	291.8	12.34	307.2	13.40	322.6	14.52	331.8	15.29	347.1	16.48
70	125	126.8	15.96	136.9	18.19	144.1	19.71	151.3	21.32	155.6	22.43	162.8	24.13
	122	141.2	16.72	152.4	19.08	160.5	20.70	168.5	22.41	173.3	23.60	181.3	25.41
	118	162.4	17.93	175.3	20.52	184.6	22.30	193.8	24.17	199.3	25.47	208.6	27.46
	115	180.8	19.03	195.1	21.83	205.4	23.68	215.7	25.77	221.8	27.18	232.1	29.33
	110	207.3	20.22	223.8	23.24	235.6	25.32	247.4	27.51	254.4	29.04	266.2	31.38
	106	215.9	19.60	233.1	22.53	245.3	24.54	257.6	26.67	265.0	28.15	277.2	30.42
	103	222.1	19.12	239.8	21.98	252.4	23.94	265.0	26.01	272.6	27.46	285.2	29.67
	99	229.6	18.49	247.9	21.26	260.9	23.16	274.0	25.16	281.8	26.56	294.8	28.70
	95	236.5	17.86	255.4	20.54	268.8	22.37	282.2	24.31	290.3	25.66	303.7	27.73
	93	236.5	17.24	255.4	19.82	268.8	21.58	282.2	23.45	290.3	24.75	303.7	26.74
	91	236.5	16.66	255.4	19.13	268.8	20.83	282.2	22.63	290.3	23.88	303.7	25.80
	87	236.5	15.56	255.4	17.86	268.8	19.44	282.2	21.11	290.3	22.27	303.7	24.05
	82	236.5	14.30	255.4	16.40	268.8	17.84	282.2	19.36	290.3	20.43	303.7	22.05
	75	236.5	12.73	255.4	14.59	268.8	15.86	282.2	17.20	290.3	18.14	303.7	19.57
	72	236.5	12.10	255.4	13.86	268.8	15.07	282.2	16.34	290.3	17.23	303.7	18.58
	70	236.5	11.70	255.4	13.40	268.8	14.57	282.2	15.80	290.3	16.66	303.7	17.97
	68	236.5	11.32	255.4	12.96	268.8	14.09	282.2	15.27	290.3	16.10	303.7	17.37
	65	236.5	11.04	255.4	12.64	268.8	13.74	282.2	14.89	290.3	15.70	303.7	16.92
	62	236.5	10.81	255.4	12.37	268.8	13.44	282.2	14.57	290.3	15.36	303.7	16.56
	58	236.5	10.54	255.4	12.05	268.8	13.10	282.2	14.19	290.3	14.96	303.7	16.12
	54	236.5	10.31	255.4	11.79	268.8	12.81	282.2	13.88	290.3	14.63	303.7	15.77
	50	236.5	10.08	255.4	11.53	268.8	12.52	282.2	13.56	290.3	14.29	303.7	15.41
	40	236.5	9.82	255.4	11.22	268.8	12.19	282.2	13.20	290.3	13.91	303.7	14.99
	30	236.5	9.59	255.4	10.96	268.8	11.90	282.2	12.90	290.3	13.59	303.7	14.64
	23	236.5	9.44	255.4	10.79	268.8	11.71	282.2	12.69	290.3	13.37	303.7	14.40
	15	236.5	9.27	255.4	10.59	268.8	11.50	282.2	12.46	290.3	13.12	303.7	14.14
	5	236.5	9.10	255.4	10.40	268.8	11.30	282.2	12.23	290.3	12.89	303.7	13.89

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP4081FT6P-UL/MMY-UP4081FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
100	125	192.4	28.73	207.8	32.54	218.7	35.15	229.6	37.88	236.2	39.77	247.1	42.64		
	122	214.3	29.98	231.4	34.01	243.6	36.77	255.8	39.66	263.0	41.66	275.2	44.70		
	118	246.5	31.99	266.1	36.37	280.2	39.36	294.2	42.50	302.5	44.68	316.5	48.00		
	115	274.4	33.80	296.2	38.50	311.8	41.61	327.4	45.08	336.7	47.42	352.3	50.98		
	110	314.7	35.69	339.7	40.74	357.6	44.20	375.5	47.82	386.2	50.34	404.1	54.18		
	106	327.7	34.60	353.8	39.49	372.4	42.84	391.0	46.35	402.2	48.80	420.8	52.52		
	103	337.1	33.75	364.0	38.52	383.1	41.79	402.3	45.22	413.7	47.60	432.9	51.23		
	99	348.5	32.64	376.2	37.26	396.0	40.42	415.8	43.74	427.7	46.04	447.5	49.56		
	95	359.0	31.53	387.6	36.00	408.0	39.05	428.4	42.25	440.6	44.48	461.0	47.88		
	93	359.0	30.47	387.6	34.77	408.0	37.71	428.4	40.80	440.6	42.95	461.0	46.21		
	91	359.0	29.46	387.6	33.61	408.0	36.44	428.4	39.42	440.6	41.49	461.0	44.63		
	87	359.0	27.57	387.6	31.43	408.0	34.07	428.4	36.84	440.6	38.77	461.0	41.70		
	82	359.0	25.38	387.6	28.92	408.0	31.33	428.4	33.87	440.6	35.63	461.0	38.31		
	75	359.0	22.64	387.6	25.77	408.0	27.92	428.4	30.16	440.6	31.72	461.0	34.09		
	72	359.0	21.54	387.6	24.51	408.0	26.54	428.4	28.67	440.6	30.15	461.0	32.40		
	70	359.0	20.84	387.6	23.71	408.0	25.68	428.4	27.74	440.6	29.16	461.0	31.34		
	68	359.0	20.17	387.6	22.94	408.0	24.84	428.4	26.83	440.6	28.21	461.0	30.31		
	65	359.0	19.68	387.6	22.38	408.0	24.23	428.4	26.17	440.6	27.51	461.0	29.56		
	62	359.0	19.28	387.6	21.93	408.0	23.73	428.4	25.63	440.6	26.94	461.0	28.94		
	58	359.0	18.80	387.6	21.37	408.0	23.13	428.4	24.97	440.6	26.25	461.0	28.20		
	54	359.0	18.41	387.6	20.92	408.0	22.64	428.4	24.45	440.6	25.70	461.0	27.60		
	50	359.0	18.00	387.6	20.46	408.0	22.14	428.4	23.89	440.6	25.11	461.0	26.97		
	40	359.0	17.55	387.6	19.93	408.0	21.57	428.4	23.28	440.6	24.46	461.0	26.26		
	30	359.0	17.15	387.6	19.48	408.0	21.08	428.4	22.74	440.6	23.90	461.0	25.66		
	23	359.0	16.88	387.6	19.17	408.0	20.74	428.4	22.38	440.6	23.52	461.0	25.25		
	15	359.0	16.58	387.6	18.83	408.0	20.37	428.4	21.98	440.6	23.09	461.0	24.79		
	5	359.0	16.28	387.6	18.49	408.0	20.00	428.4	21.59	440.6	22.68	461.0	24.35		
110	125	196.3	29.02	211.9	32.87	223.1	35.51	234.2	38.26	240.9	40.17	252.0	43.07		
	122	218.6	30.29	236.0	34.36	248.4	37.15	260.9	40.06	268.3	42.08	280.7	45.15		
	118	251.4	32.31	271.5	36.74	285.8	39.77	300.0	42.94	308.6	45.14	322.9	48.49		
	115	279.8	34.14	302.1	38.89	318.0	42.04	333.9	45.54	343.4	47.91	359.3	51.51		
	110	321.0	36.06	346.5	41.16	364.8	44.65	383.0	48.31	393.9	50.86	412.1	54.73		
	106	334.2	34.95	360.9	39.89	379.9	43.28	398.8	46.83	410.2	49.30	429.2	53.06		
	103	343.8	34.09	371.2	38.92	390.8	42.22	410.3	45.68	422.0	48.09	441.5	51.76		
	99	355.4	32.98	383.7	37.64	403.9	40.83	424.1	44.19	436.2	46.51	456.4	50.06		
	95	366.2	31.86	395.4	36.36	416.2	39.45	437.0	42.69	449.4	44.94	470.2	48.36		
	93	366.2	30.78	395.4	35.13	416.2	38.10	437.0	41.22	449.4	43.38	470.2	46.69		
	91	366.2	29.76	395.4	33.95	416.2	36.82	437.0	39.82	449.4	41.91	470.2	45.09		
	87	366.2	27.86	395.4	31.75	416.2	34.42	437.0	37.22	449.4	39.16	470.2	42.12		
	82	366.2	25.64	395.4	29.21	416.2	31.65	437.0	34.21	449.4	35.99	470.2	38.70		
	75	366.2	22.88	395.4	26.04	416.2	28.20	437.0	30.47	449.4	32.04	470.2	34.44		
	72	366.2	21.76	395.4	24.76	416.2	26.81	437.0	28.96	449.4	30.46	470.2	32.73		
	70	366.2	21.06	395.4	23.96	416.2	25.94	437.0	28.02	449.4	29.46	470.2	31.66		
	68	366.2	20.37	395.4	23.18	416.2	25.09	437.0	27.10	449.4	28.49	470.2	30.62		
	65	366.2	19.88	395.4	22.61	416.2	24.48	437.0	26.44	449.4	27.79	470.2	29.86		
	62	366.2	19.48	395.4	22.15	416.2	23.98	437.0	25.89	449.4	27.22	470.2	29.24		
	58	366.2	18.99	395.4	21.59	416.2	23.37	437.0	25.23	449.4	26.52	470.2	28.49		
	54	366.2	18.60	395.4	21.14	416.2	22.88	437.0	24.70	449.4	25.96	470.2	27.88		
	50	366.2	18.19	395.4	20.67	416.2	22.36	437.0	24.14	449.4	25.37	470.2	27.24		
	40	366.2	17.73	395.4	20.14	416.2	21.79	437.0	23.51	449.4	24.71	470.2	26.53		
	30	366.2	17.33	395.4	19.68	416.2	21.29	437.0	22.98	449.4	24.15	470.2	25.92		
	23	366.2	17.05	395.4	19.37	416.2	20.95	437.0	22.61	449.4	23.76	470.2	25.51		
	15	366.2	16.75	395.4	19.02	416.2	20.57	437.0	22.20	449.4	23.33	470.2	25.05		
	5	366.2	16.45	395.4	18.68	416.2	20.21	437.0	21.81	449.4	22.91	470.2	24.60		
120	125	202.0	29.59	218.1	33.52	229.6	36.21	241.1	39.02	248.0	40.96	259.5	43.92		
	122	225.0	30.88	243.0	35.04	255.8	37.88	268.5	40.85	276.2	42.91	289.0	46.04		
	118	258.8	32.95	279.5	37.46	294.2	40.55	308.9	43.78	317.7	46.03	332.4	49.44		
	115	288.1	34.81	311.0	39.65	327.4	42.86	343.8	46.44	353.5	48.85	369.9	52.52		
	110	330.4	36.76	356.7	41.96	375.5	45.52	394.3	49.26	405.5	51.85	424.3	55.81		
	106	344.1	35.64	371.5	40.68	391.0	44.13	410.6	47.75	422.3	50.26	441.8	54.10		
	103	353.9	34.76	382.1	39.68	402.3	43.05	422.4	46.58	434.4	49.03	454.5	52.77		
	99	365.9	33.62	395.0	38.38	415.8	41.64	436.6	45.05	449.0	47.43	469.8	51.05		
	95	377.0	32.48	407.0	37.08	428.4	40.22	449.8	43.52	462.6	45.82	484.1	49.31		
	93	377.0	31.39	407.0	35.82	428.4	38.85	449.8	42.03	462.6	44.24	484.1	47.60		
	91	377.0	30.35	407.0	34.62	428.4	37.54	449.8	40.60	462.6	42.73	484.1	45.98		
	87	377.0	28.40	407.0	32.38	428.4	35.10	449.8	37.95	462.6	39.93	484.1	42.95		
	82	377.0	26.15	407.0	29.79	428.4	32.28	449.8	34.89	462.6	36.70	484.1	39.46		
	75	377.0	23.32	407.0	26.55	428.4	28.76	449.8	31.07	462.6	32.67	484.1	35.12		
	72	377.0	22.18	407.0	25.24	428.4	27.34	449.8	29.53	462.6	31.05	484.1	33.37		
	70	377.0	21.47	407.0	24.43	428.4	26.45	449.8	28.57	462.6	30.04	484.1	32.28		
	68	377.0	20.77	407.0	23.63	428.4	25.59	449.8	27.63	462.6	29.05	484.1	31.22		
	65	377.0	20.27	407.0	23.06	428.4	24.96	449.8	26.96	462.6	28.34	484.1	30.45		
	62	377.0	19.86	407.0	22.58	428.4	24.45	449.8	26.40	462.6	27.75	484.1	29.81		
	58	377.0	19.37	407.0	22.02	428.4	23.83	449.8	25.73	462.6	27.04	484.1	29.04		
	54	377.0	18.96	407.0	21.55	428.4	23.33	449.8	25.18	462.6	26.47	484.1	28.42		
	50	377.0	18.54	407.0	21.07	428.4	22.80	449.8	24.61	462.6	25.87	484.1	27.78		
	40	377.0	18.07	407.0	20.53	428.4	22.21	449.8	23.98	462.6	25.20	484.1	27.05		
	30	377.0	17.67	407.0	20.07	428.4	21.71	449.8	23.43	462.6	24.62	484.1	26.43		
	23	377.0	17.38	407.0	19.75	428.4	21.36	449.8	23.05	462.6	24.22	484.1	26.01		
	15	377.0	17.07	407.0	19.39	428.4	20.98	449.8	22.64	462.6	23.79	484.1	25.54		
	5	377.0	16.77	407.0	19.05	428.4	20.60	449.8	22.23	462.6	23.36	484.1	25.08		
130	125	206.9	30.01	223.3	33.99	235.1	36.72	246.8	39.57	253.9	41.54	263.2	44.12		
	122	230.4	31.32	248.8	35.53	261.8	38.41	274.9	41.43	282.8	43.52	293.1	46.26		
	118	265.0	33.41	286.1	37.99	301.2	41.12	316.2	44.40	325.2	46.68	337.1	49.67		
	115	294.9	35.31	318.4	40.22	335.2	43.47	351.9	47.10	362.0	49.54	375.2	52.77		
	110	338.3	37.28	365.2	42.56	384.4	46.17	403.7	49.96	415.2	52.59	430.3	56.07		
	106	352.3	36.14	380.3	41.25	400.3	44.75	420.3	48.42	432.3	50.98	448.1	54.36		
	103	362.4	35.26	391.2	40.24	411.8	43.66	432.4	47.24	444.7	49.73	461.0	53.02		
	99	374.6	34.10	404.4	38.93	425.7	42.23	447.0	45.69	459.7	48.10	476.5	51.29		
	95	385.9	32.94	416.7	37.60	438.6	40.79	460.5	44.14	473.6	46.47	491.0	49.55		
	93	385.9	31.83	416.7	36.32	438.6	39.40	460.5	42.62	473.6	44.86	491.0	47.83		
	91	385.9	30.78	416.7	35.11	438.6	38.07	460.5	41.18	473.6	43.34	491.0	46.19		
	87	385.9	28.81	416.7	32.84	438.6	35.60	460.5	38.49	473.6	40.50	491.0	43.15		
	82	385.9	26.52	416.7	30.21	438.6	32.73	460.5	35.38	473.6	37.22	491.0	39.65		
	75	385.9	23.66	416.7	26.93	438.6	29.16	460.5	31.51	473.6	33.14	491.0	35.28		
	72	385.9	22.50	416.7	25.60	438.6	27.73	460.5	29.95	473.6	31.49	491.0	33.53		
	70	385.9	21.78	416.7	24.77	438.6	26.83	460.5	28.98	473.6	30.47	491.0	32.43		
	68	385.9	21.07	416.7	23.97	438.6	25.95	460.5	28.03	473.6	29.47	491.0	31.36		
	65	385.9	20.56	416.7	23.38	438.6	25.32	460.5	27.34	473.6	28.74	491.0	30.59		
	62	385.9	20.14	416.7	22.90	438.6	24.79	460.5	26.77	473.6	28.14	491.0	29.95		
	58	385.9	19.64	416.7	22.33	438.6	24.17	460.5	26.09	473.6	27.43	491.0	29.18		
	54	385.9	19.23	416.7	21.86	438.6	23.66	460.5	25.54	473.6	26.84	491.0	28.56		
	50	385.9	18.81	416.7	21.37	438.6	23.12	460.5	24.96	473.6	26.24	491.0	27.91		
	40	385.9	18.33	416.7	20.82	438.6	22.53	460.5	24.32	473.6	25.55	491.0	27.18		
	30	385.9	17.92	416.7	20.35	438.6	22.02	460.5	23.76	473.6	24.97	491.0	26.56		
	23	385.9	17.63	416.7	20.03	438.6	21.66	460.5	23.38	473.6	24.57	491.0	26.13		
	15	385.9	17.32	416.7	19.67	438.6	21.28	460.5	22.96	473.6	24.13	491.0	25.66		
	5	385.9	17.01	416.7	19.32	438.6	20.90	460.5	22.55	473.6	23.70	491.0	25.20		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
90	125	173.2	24.83	187.0	28.13	196.8	30.38	206.7	32.74	212.6	34.37	222.4	36.85		
	122	192.9	25.91	208.3	29.40	219.2	31.78	230.2	34.28	236.7	36.00	247.7	38.63		
	118	221.9	27.65	239.5	31.43	252.1	34.02	264.7	36.74	272.3	38.62	284.9	41.48		
	115	246.9	29.21	266.6	33.27	280.6	35.97	294.6	38.96	303.0	40.99	317.1	44.07		
	110	283.2	30.85	305.8	35.21	321.9	38.20	337.9	41.33	347.6	43.51	363.7	46.83		
	106	294.9	29.90	318.4	34.13	335.2	37.03	351.9	40.06	361.9	42.18	378.7	45.39		
	103	303.4	29.17	327.6	33.30	344.8	36.12	362.0	39.08	372.3	41.14	389.6	44.28		
	99	313.6	28.21	338.6	32.21	356.4	34.94	374.2	37.80	384.9	39.80	402.7	42.83		
	95	323.1	27.26	348.8	31.11	367.2	33.75	385.6	36.52	396.5	38.45	414.9	41.38		
	93	323.1	26.34	348.8	30.05	367.2	32.60	385.6	35.26	396.5	37.12	414.9	39.94		
	91	323.1	25.46	348.8	29.05	367.2	31.50	385.6	34.07	396.5	35.86	414.9	38.58		
	87	323.1	23.83	348.8	27.17	367.2	29.45	385.6	31.84	396.5	33.51	414.9	36.04		
	82	323.1	21.94	348.8	24.99	367.2	27.08	385.6	29.27	396.5	30.79	414.9	33.11		
	75	323.1	19.57	348.8	22.28	367.2	24.13	385.6	26.07	396.5	27.42	414.9	29.46		
	72	323.1	18.61	348.8	21.18	367.2	22.94	385.6	24.78	396.5	26.06	414.9	28.00		
	70	323.1	18.02	348.8	20.50	367.2	22.19	385.6	23.97	396.5	25.21	414.9	27.09		
	68	323.1	17.43	348.8	19.83	367.2	21.47	385.6	23.19	396.5	24.38	414.9	26.19		
	65	323.1	17.01	348.8	19.35	367.2	20.95	385.6	22.62	396.5	23.78	414.9	25.55		
	62	323.1	16.67	348.8	18.95	367.2	20.51	385.6	22.15	396.5	23.29	414.9	25.01		
	58	323.1	16.25	348.8	18.47	367.2	19.99	385.6	21.59	396.5	22.69	414.9	24.37		
	54	323.1	15.91	348.8	18.09	367.2	19.57	385.6	21.13	396.5	22.21	414.9	23.85		
	50	323.1	15.56	348.8	17.68	367.2	19.13	385.6	20.65	396.5	21.71	414.9	23.31		
	40	323.1	15.17	348.8	17.23	367.2	18.64	385.6	20.12	396.5	21.14	414.9	22.70		
	30	323.1	14.82	348.8	16.84	367.2	18.22	385.6	19.66	396.5	20.66	414.9	22.18		
	23	323.1	14.59	348.8	16.57	367.2	17.92	385.6	19.34	396.5	20.33	414.9	21.82		
	15	323.1	14.33	348.8	16.27	367.2	17.60	385.6	19.00	396.5	19.96	414.9	21.43		
	5	323.1	14.07	348.8	15.98	367.2	17.29	385.6	18.66	396.5	19.61	414.9	21.05		
80	125	153.9	21.23	166.2	24.05	175.0	25.97	183.7	27.99	188.9	29.39	197.7	31.51		
	122	171.5	22.15	185.1	25.13	194.9	27.17	204.6	29.31	210.4	30.78	220.2	33.03		
	118	197.2	23.64	212.9	26.87	224.1	29.09	235.3	31.41	242.0	33.02	253.2	35.47		
	115	219.5	24.98	237.0	28.45	249.4	30.75	261.9	33.31	269.4	35.04	281.8	37.68		
	110	251.7	26.37	271.8	30.11	286.1	32.66	300.4	35.34	308.9	37.20	323.3	40.04		
	106	262.1	25.57	283.0	29.18	297.9	31.66	312.8	34.25	321.7	36.06	336.6	38.81		
	103	269.7	24.94	291.2	28.47	306.5	30.88	321.8	33.42	331.0	35.18	346.3	37.86		
	99	278.8	24.12	301.0	27.54	316.8	29.87	332.7	32.32	342.1	34.03	358.0	36.62		
	95	287.2	23.30	310.1	26.60	326.4	28.86	342.7	31.22	352.5	32.87	368.8	35.38		
	93	287.2	22.52	310.1	25.70	326.4	27.87	342.7	30.15	352.5	31.74	368.8	34.15		
	91	287.2	21.77	310.1	24.83	326.4	26.93	342.7	29.13	352.5	30.66	368.8	32.98		
	87	287.2	20.38	310.1	23.23	326.4	25.18	342.7	27.23	352.5	28.65	368.8	30.81		
	82	287.2	18.76	310.1	21.37	326.4	23.16	342.7	25.03	352.5	26.33	368.8	28.31		
	75	287.2	16.73	310.1	19.05	326.4	20.63	342.7	22.29	352.5	23.44	368.8	25.19		
	72	287.2	15.92	310.1	18.11	326.4	19.61	342.7	21.19	352.5	22.28	368.8	23.94		
	70	287.2	15.40	310.1	17.52	326.4	18.98	342.7	20.50	352.5	21.55	368.8	23.16		
	68	287.2	14.90	310.1	16.95	326.4	18.36	342.7	19.82	352.5	20.84	368.8	22.39		
	65	287.2	14.55	310.1	16.54	326.4	17.91	342.7	19.34	352.5	20.33	368.8	21.84		
	62	287.2	14.25	310.1	16.20	326.4	17.54	342.7	18.94	352.5	19.91	368.8	21.39		
	58	287.2	13.89	310.1	15.79	326.4	17.09	342.7	18.46	352.5	19.40	368.8	20.84		
	54	287.2	13.60	310.1	15.46	326.4	16.73	342.7	18.06	352.5	18.99	368.8	20.39		
	50	287.2	13.30	310.1	15.12	326.4	16.36	342.7	17.66	352.5	18.56	368.8	19.93		
	40	287.2	12.97	310.1	14.73	326.4	15.94	342.7	17.20	352.5	18.08	368.8	19.41		
	30	287.2	12.67	310.1	14.40	326.4	15.57	342.7	16.81	352.5	17.66	368.8	18.96		
	23	287.2	12.47	310.1	14.17	326.4	15.32	342.7	16.54	352.5	17.38	368.8	18.66		
	15	287.2	12.25	310.1	13.91	326.4	15.05	342.7	16.24	352.5	17.07	368.8	18.32		
	5	287.2	12.03	310.1	13.66	326.4	14.78	342.7	15.95	352.5	16.76	368.8	18.00		
70	125	134.7	17.89	145.4	20.27	153.1	21.89	160.7	23.59	165.3	24.77	173.0	26.56		
	122	150.0	18.67	162.0	21.18	170.5	22.90	179.0	24.70	184.1	25.95	192.7	27.84		
	118	172.6	19.92	186.3	22.65	196.1	24.52	205.9	26.47	211.8	27.83	221.6	29.89		
	115	192.0	21.05	207.3	23.98	218.3	25.92	229.2	28.08	235.7	29.54	246.6	31.76		
	110	220.3	22.23	237.8	25.37	250.3	27.53	262.8	29.79	270.3	31.36	282.8	33.75		
	106	229.4	21.55	247.6	24.60	260.7	26.68	273.7	28.87	281.5	30.39	294.5	32.71		
	103	236.0	21.02	254.8	23.99	268.2	26.03	281.6	28.16	289.6	29.65	303.0	31.91		
	99	243.9	20.33	263.4	23.21	277.2	25.18	291.1	27.24	299.4	28.68	313.2	30.87		
	95	251.3	19.64	271.3	22.42	285.6	24.32	299.9	26.32	308.4	27.71	322.7	29.82		
	93	251.3	18.98	271.3	21.66	285.6	23.49	299.9	25.41	308.4	26.75	322.7	28.78		
	91	251.3	18.35	271.3	20.93	285.6	22.70	299.9	24.55	308.4	25.84	322.7	27.80		
	87	251.3	17.17	271.3	19.58	285.6	21.22	299.9	22.95	308.4	24.15	322.7	25.97		
	82	251.3	15.81	271.3	18.01	285.6	19.52	299.9	21.09	308.4	22.19	322.7	23.86		
	75	251.3	14.10	271.3	16.05	285.6	17.39	299.9	18.79	308.4	19.76	322.7	21.23		
	72	251.3	13.41	271.3	15.26	285.6	16.53	299.9	17.86	308.4	18.78	322.7	20.18		
	70	251.3	12.98	271.3	14.77	285.6	15.99	299.9	17.28	308.4	18.17	322.7	19.52		
	68	251.3	12.56	271.3	14.29	285.6	15.47	299.9	16.71	308.4	17.57	322.7	18.88		
	65	251.3	12.26	271.3	13.94	285.6	15.09	299.9	16.30	308.4	17.14	322.7	18.41		
	62	251.3	12.01	271.3	13.66	285.6	14.78	299.9	15.96	308.4	16.78	322.7	18.03		
	58	251.3	11.71	271.3	13.31	285.6	14.41	299.9	15.56	308.4	16.35	322.7	17.56		
	54	251.3	11.47	271.3	13.03	285.6	14.10	299.9	15.23	308.4	16.00	322.7	17.19		
	50	251.3	11.21	271.3	12.74	285.6	13.79	299.9	14.88	308.4	15.64	322.7	16.80		
	40	251.3	10.93	271.3	12.42	285.6	13.43	299.9	14.50	308.4	15.24	322.7	16.36		
	30	251.3	10.68	271.3	12.13	285.6	13.13	299.9	14.17	308.4	14.89	322.7	15.98		
	23	251.3	10.51	271.3	11.94	285.6	12.92	299.9	13.94	308.4	14.65	322.7	15.73		
	15	251.3	10.32	271.3	11.73	285.6	12.68	299.9	13.69	308.4	14.38	322.7	15.44		
	5	251.3	10.14	271.3	11.52	285.6	12.46	299.9	13.44	308.4	14.13	322.7	15.17		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as

MMY-UP4321FT6P-UL/MMY-UP4321FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	203.7	30.48	220.0	34.73	231.6	37.64	243.1	40.70	250.0	42.83	261.6	45.99		
	122	226.9	31.92	245.0	36.44	257.9	39.53	270.8	42.79	278.5	45.05	291.4	48.42		
	118	261.0	34.23	281.8	39.18	296.6	42.57	311.5	46.14	320.3	48.63	335.2	52.32		
	115	290.5	36.34	313.6	41.68	330.1	45.24	346.6	49.20	356.5	51.89	373.0	55.89		
	110	333.2	38.60	359.7	44.38	378.6	48.35	397.6	52.53	408.9	55.45	427.8	59.79		
	106	346.9	37.41	374.6	43.02	394.3	46.86	414.0	50.92	425.8	53.75	445.5	57.95		
	103	356.9	36.50	385.4	41.96	405.6	45.71	425.9	49.67	438.0	52.43	458.3	56.53		
	99	368.9	35.20	398.3	40.59	419.3	44.22	440.3	48.04	452.8	50.72	473.8	54.68		
	95	380.1	34.10	410.4	39.21	432.0	42.72	453.6	46.42	466.5	49.00	488.1	52.83		
	93	380.1	32.92	410.4	37.84	432.0	41.21	453.6	44.77	466.5	47.25	488.1	50.94		
	91	380.1	31.80	410.4	36.53	432.0	39.78	453.6	43.21	466.5	45.60	488.1	49.15		
	87	380.1	29.71	410.4	34.11	432.0	37.13	453.6	40.31	466.5	42.52	488.1	45.82		
	82	380.1	27.30	410.4	31.32	432.0	34.07	453.6	36.98	466.5	39.00	488.1	42.00		
	75	380.1	24.30	410.4	27.85	432.0	30.29	453.6	32.85	466.5	34.64	488.1	37.29		
	72	380.1	23.10	410.4	26.46	432.0	28.77	453.6	31.20	466.5	32.89	488.1	35.40		
	70	380.1	22.35	410.4	25.59	432.0	27.82	453.6	30.17	466.5	31.80	488.1	34.23		
	68	380.1	21.61	410.4	24.75	432.0	26.90	453.6	29.16	466.5	30.74	488.1	33.09		
	65	380.1	21.08	410.4	24.13	432.0	26.23	453.6	28.43	466.5	29.97	488.1	32.25		
	62	380.1	20.64	410.4	23.63	432.0	25.67	453.6	27.83	466.5	29.33	488.1	31.56		
	58	380.1	20.11	410.4	23.02	432.0	25.01	453.6	27.10	466.5	28.56	488.1	30.72		
	54	380.1	19.69	410.4	22.52	432.0	24.46	453.6	26.51	466.5	27.94	488.1	30.05		
	50	380.1	19.24	410.4	22.01	432.0	23.90	453.6	25.90	466.5	27.29	488.1	29.35		
	40	380.1	18.74	410.4	21.43	432.0	23.27	453.6	25.21	466.5	26.56	488.1	28.56		
	30	380.1	18.31	410.4	20.93	432.0	22.73	453.6	24.62	466.5	25.94	488.1	27.89		
	23	380.1	18.02	410.4	20.60	432.0	22.36	453.6	24.22	466.5	25.52	488.1	27.44		
	15	380.1	17.69	410.4	20.23	432.0	21.96	453.6	23.79	466.5	25.06	488.1	26.94		
	5	380.1	17.38	410.4	19.86	432.0	21.57	453.6	23.36	466.5	24.61	488.1	26.46		
110	125	207.8	30.79	224.4	35.08	236.2	38.03	248.0	41.12	255.1	43.27	266.9	46.46		
	122	231.5	32.25	249.9	36.81	263.1	39.94	276.2	43.23	284.1	45.51	297.2	48.91		
	118	266.2	34.58	287.4	39.58	302.6	43.01	317.7	46.62	326.7	49.13	341.9	52.86		
	115	296.3	36.71	319.9	42.11	336.7	45.70	353.6	49.70	363.6	52.42	380.5	56.46		
	110	339.8	38.99	366.9	44.83	386.2	48.84	405.5	53.06	417.1	56.01	436.4	60.40		
	106	353.9	37.79	382.1	43.46	402.2	47.34	422.3	51.44	434.3	54.30	454.4	58.55		
	103	364.0	36.87	393.1	42.39	413.8	46.18	434.4	50.18	446.8	52.97	467.5	57.11		
	99	376.3	35.66	406.3	41.00	427.7	44.67	449.1	48.54	461.9	51.23	483.2	55.24		
	95	387.7	34.45	418.6	39.61	440.6	43.16	462.7	46.89	475.8	49.50	497.9	53.37		
	93	387.7	33.26	418.6	38.23	440.6	41.63	462.7	45.23	475.8	47.73	497.9	51.46		
	91	387.7	32.13	418.6	36.91	440.6	40.19	462.7	43.65	475.8	46.06	497.9	49.65		
	87	387.7	30.02	418.6	34.46	440.6	37.51	462.7	40.72	475.8	42.96	497.9	46.29		
	82	387.7	27.58	418.6	31.64	440.6	34.42	462.7	37.35	475.8	39.40	497.9	42.43		
	75	387.7	24.55	418.6	28.14	440.6	30.60	462.7	33.19	475.8	34.99	497.9	37.67		
	72	387.7	23.33	418.6	26.73	440.6	29.06	462.7	31.52	475.8	33.23	497.9	35.77		
	70	387.7	22.57	418.6	25.86	440.6	28.11	462.7	30.48	475.8	32.13	497.9	34.58		
	68	387.7	21.83	418.6	25.00	440.6	27.17	462.7	29.46	475.8	31.06	497.9	33.42		
	65	387.7	21.30	418.6	24.38	440.6	26.50	462.7	28.72	475.8	30.27	497.9	32.58		
	62	387.7	20.85	418.6	23.87	440.6	25.94	462.7	28.11	475.8	29.63	497.9	31.88		
	58	387.7	20.32	418.6	23.25	440.6	25.26	462.7	27.38	475.8	28.85	497.9	31.04		
	54	387.7	19.89	418.6	22.75	440.6	24.72	462.7	26.78	475.8	28.22	497.9	30.36		
	50	387.7	19.44	418.6	22.23	440.6	24.15	462.7	26.17	475.8	27.57	497.9	29.65		
	40	387.7	18.93	418.6	21.65	440.6	23.51	462.7	25.47	475.8	26.83	497.9	28.85		
	30	387.7	18.50	418.6	21.15	440.6	22.96	462.7	24.87	475.8	26.20	497.9	28.18		
	23	387.7	18.20	418.6	20.81	440.6	22.59	462.7	24.47	475.8	25.78	497.9	27.72		
	15	387.7	17.88	418.6	20.43	440.6	22.19	462.7	24.03	475.8	25.31	497.9	27.22		
	5	387.7	17.56	418.6	20.07	440.6	21.79	462.7	23.60	475.8	24.86	497.9	26.73		
120	125	213.9	31.40	231.0	35.77	243.1	38.77	255.3	41.93	262.6	44.12	274.7	47.37		
	122	238.3	32.88	257.3	37.53	270.8	40.72	284.3	44.07	292.4	46.41	306.0	49.87		
	118	274.0	35.26	295.9	40.36	311.5	43.85	327.0	47.53	336.3	50.09	351.9	53.90		
	115	305.0	37.43	329.3	42.93	346.6	46.60	364.0	50.68	374.3	53.45	391.7	57.57		
	110	349.8	39.76	377.7	45.71	397.6	49.80	417.5	54.11	429.3	57.11	449.2	61.58		
	106	364.3	38.54	393.3	44.31	414.0	48.27	434.7	52.45	447.1	55.36	467.8	59.70		
	103	374.8	37.59	404.6	43.22	425.9	47.09	447.2	51.16	459.9	54.01	481.2	58.23		
	99	387.4	36.36	418.3	41.81	440.3	45.55	462.3	49.49	475.4	52.24	497.5	56.33		
	95	399.1	35.13	430.9	40.39	453.6	44.00	476.3	47.81	489.8	50.47	512.5	54.42		
	93	399.1	33.91	430.9	38.98	453.6	42.45	476.3	46.11	489.8	48.67	512.5	52.47		
	91	399.1	32.76	430.9	37.63	453.6	40.98	476.3	44.51	489.8	46.97	512.5	50.62		
	87	399.1	30.60	430.9	35.14	453.6	38.24	476.3	41.52	489.8	43.80	512.5	47.20		
	82	399.1	28.12	430.9	32.26	453.6	35.10	476.3	38.09	489.8	40.17	512.5	43.27		
	75	399.1	25.03	430.9	28.69	453.6	31.20	476.3	33.84	489.8	35.68	512.5	38.41		
	72	399.1	23.79	430.9	27.26	453.6	29.63	476.3	32.14	489.8	33.88	512.5	36.47		
	70	399.1	23.02	430.9	26.36	453.6	28.66	476.3	31.07	489.8	32.76	512.5	35.26		
	68	399.1	22.26	430.9	25.49	453.6	27.71	476.3	30.04	489.8	31.67	512.5	34.08		
	65	399.1	21.71	430.9	24.86	453.6	27.02	476.3	29.29	489.8	30.87	512.5	33.22		
	62	399.1	21.26	430.9	24.34	453.6	26.44	476.3	28.66	489.8	30.21	512.5	32.50		
	58	399.1	20.72	430.9	23.71	453.6	25.76	476.3	27.91	489.8	29.42	512.5	31.65		
	54	399.1	20.28	430.9	23.20	453.6	25.20	476.3	27.31	489.8	28.77	512.5	30.95		
	50	399.1	19.82	430.9	22.67	453.6	24.62	476.3	26.68	489.8	28.11	512.5	30.24		
	40	399.1	19.30	430.9	22.07	453.6	23.97	476.3	25.97	489.8	27.36	512.5	29.42		
	30	399.1	18.86	430.9	21.56	453.6	23.42	476.3	25.36	489.8	26.72	512.5	28.73		
	23	399.1	18.56	430.9	21.21	453.6	23.04	476.3	24.95	489.8	26.29	512.5	28.26		
	15	399.1	18.23	430.9	20.83	453.6	22.62	476.3	24.50	489.8	25.81	512.5	27.75		
	5	399.1	17.90	430.9	20.46	453.6	22.22	476.3	24.06	489.8	25.35	512.5	27.26		
130	125	219.0	31.84	236.5	36.28	248.9	39.32	261.4	42.52	268.8	44.74	278.6	47.59		
	122	243.9	33.34	263.4	38.06	277.2	41.30	291.1	44.70	299.4	47.07	310.3	50.11		
	118	280.6	35.76	302.9	40.93	318.9	44.47	334.8	48.20	344.3	50.80	356.9	54.15		
	115	312.3	37.96	337.2	43.54	354.9	47.26	372.6	51.40	383.2	54.21	397.3	57.84		
	110	358.1	40.32	386.7	46.36	407.0	50.50	427.4	54.87	439.6	57.92	455.6	61.88		
	106	373.0	39.08	402.7	44.94	423.9	48.96	445.1	53.19	457.7	56.15	474.5	59.98		
	103	383.7	38.13	414.3	43.84	436.1	47.76	457.9	51.89	470.9	54.77	488.1	58.51		
	99	396.6	36.88	428.2	42.40	450.8	46.19	473.3	50.19	486.8	52.98	504.6	56.60		
	95	408.6	35.63	441.2	40.97	464.4	44.63	487.6	48.49	501.5	51.19	519.8	54.68		
	93	408.6	34.39	441.2	39.53	464.4	43.05	487.6	46.77	501.5	49.36	519.8	52.72		
	91	408.6	33.22	441.2	38.17	464.4	41.56	487.6	45.14	501.5	47.63	519.8	50.86		
	87	408.6	31.04	441.2	35.63	464.4	38.79	487.6	42.11	501.5	44.42	519.8	47.42		
	82	408.6	28.52	441.2	32.72	464.4	35.60	487.6	38.63	501.5	40.74	519.8	43.47		
	75	408.6	25.39	441.2	29.10	464.4	31.64	487.6	34.32	501.5	36.18	519.8	38.59		
	72	408.6	24.13	441.2	27.64	464.4	30.05	487.6	32.59	501.5	34.36	519.8	36.64		
	70	408.6	23.34	441.2	26.74	464.4	29.06	487.6	31.52	501.5	33.22	519.8	35.43		
	68	408.6	22.58	441.2	25.85	464.4	28.10	487.6	30.47	501.5	32.12	519.8	34.24		
	65	408.6	22.02	441.2	25.21	464.4	27.40	487.6	29.70	501.5	31.31	519.8	33.37		
	62	408.6	21.56	441.2	24.68	464.4	26.82	487.6	29.07	501.5	30.64	519.8	32.66		
	58	408.6	21.01	441.2	24.04	464.4	26.12	487.6	28.31	501.5	29.83	519.8	31.80		
	54	408.6	20.57	441.2	23.53	464.4	25.56	487.6	27.69	501.5	29.18	519.8	31.10		
	50	408.6	20.10	441.2	22.99	464.4	24.97	487.6	27.06	501.5	28.51	519.8	30.38		
	40	408.6	19.58	441.2	22.39	464.4	24.31	487.6	26.34	501.5	27.75	519.8	29.56		
	30	408.6	19.13	441.2	21.87	464.4	23.75	487.6	25.72	501.5	27.10	519.8	28.87		
	23	408.6	18.82	441.2	21.52	464.4	23.36	487.6	25.31	501.5	26.66	519.8	28.40		
	15	408.6	18.48	441.2	21.13	464.4	22.94	487.6	24.85	501.5	26.18	519.8	27.89		
	5	408.6	18.16	441.2	20.75	464.4	22.53	487.6	24.40	501.5	25.71	519.8	27.39		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	183.4	26.34	198.0	30.02	208.4	32.53	218.8	35.18	225.0	37.02	235.5	39.75		
	122	204.2	27.59	220.5	31.49	232.1	34.17	243.7	36.98	250.7	38.94	262.3	41.85		
	118	234.9	29.59	253.6	33.86	267.0	36.80	280.3	39.88	288.3	42.03	301.6	45.22		
	115	261.4	31.41	282.3	36.02	297.1	39.10	312.0	42.52	320.9	44.85	335.7	48.30		
	110	299.8	33.36	323.7	38.36	340.8	41.79	357.8	45.40	368.0	47.92	385.0	51.67		
	106	312.2	32.34	337.1	37.18	354.9	40.50	372.6	44.01	383.2	46.45	401.0	50.09		
	103	321.2	31.54	346.8	36.27	365.1	39.51	383.3	42.93	394.2	45.32	412.5	48.86		
	99	332.0	30.51	358.5	35.08	377.4	38.22	396.3	41.53	407.5	43.83	426.4	47.26		
	95	342.1	29.48	369.4	33.89	388.8	36.92	408.2	40.12	419.9	42.35	439.3	45.66		
	93	342.1	28.46	369.4	32.70	388.8	35.62	408.2	38.69	419.9	40.84	439.3	44.03		
	91	342.1	27.49	369.4	31.58	388.8	34.39	408.2	37.34	419.9	39.41	439.3	42.48		
	87	342.1	25.68	369.4	29.48	388.8	32.09	408.2	34.84	419.9	36.75	439.3	39.60		
	82	342.1	23.60	369.4	27.07	388.8	29.45	408.2	31.96	419.9	33.71	439.3	36.31		
	75	342.1	21.01	369.4	24.07	388.8	26.18	408.2	28.39	419.9	29.94	439.3	32.23		
	72	342.1	19.96	369.4	22.87	388.8	24.87	408.2	26.96	419.9	28.43	439.3	30.60		
	70	342.1	19.31	369.4	22.12	388.8	24.05	408.2	26.07	419.9	27.49	439.3	29.59		
	68	342.1	18.68	369.4	21.39	388.8	23.25	408.2	25.21	419.9	26.57	439.3	28.60		
	65	342.1	18.22	369.4	20.86	388.8	22.67	408.2	24.57	419.9	25.90	439.3	27.87		
	62	342.1	17.84	369.4	20.42	388.8	22.19	408.2	24.05	419.9	25.35	439.3	27.27		
	58	342.1	17.38	369.4	19.89	388.8	21.61	408.2	23.42	419.9	24.68	439.3	26.55		
	54	342.1	17.02	369.4	19.46	388.8	21.15	408.2	22.91	419.9	24.14	439.3	25.97		
	50	342.1	16.63	369.4	19.02	388.8	20.66	408.2	22.39	419.9	23.59	439.3	25.37		
	40	342.1	16.20	369.4	18.52	388.8	20.11	408.2	21.79	419.9	22.96	439.3	24.69		
	30	342.1	15.83	369.4	18.09	388.8	19.65	408.2	21.28	419.9	22.42	439.3	24.11		
	23	342.1	15.57	369.4	17.80	388.8	19.33	408.2	20.94	419.9	22.06	439.3	23.72		
	15	342.1	15.29	369.4	17.48	388.8	18.98	408.2	20.56	419.9	21.66	439.3	23.29		
	5	342.1	15.02	369.4	17.17	388.8	18.64	408.2	20.19	419.9	21.27	439.3	22.87		
80	125	163.0	22.52	176.0	25.66	185.2	27.82	194.5	30.08	200.0	31.65	209.3	33.98		
	122	181.5	23.59	196.0	26.92	206.3	29.21	216.6	31.62	222.8	33.29	233.1	35.78		
	118	208.8	25.30	225.4	28.95	237.3	31.46	249.2	34.10	256.3	35.94	268.1	38.67		
	115	232.4	26.85	250.9	30.80	264.1	33.43	277.3	36.36	285.2	38.35	298.4	41.30		
	110	266.5	28.52	287.8	32.79	302.9	35.73	318.1	38.82	327.1	40.97	342.3	44.18		
	106	277.5	27.65	299.7	31.79	315.4	34.63	331.2	37.63	340.6	39.72	356.4	42.83		
	103	285.5	26.97	308.3	31.01	324.5	33.78	340.7	36.70	350.4	38.75	366.7	41.78		
	99	295.1	26.09	318.7	29.99	335.5	32.68	352.2	35.50	362.2	37.48	379.0	40.41		
	95	304.1	25.20	328.3	28.98	345.6	31.57	362.9	34.30	373.2	36.21	390.5	39.04		
	93	304.1	24.33	328.3	27.96	345.6	30.46	362.9	33.08	373.2	34.92	390.5	37.64		
	91	304.1	23.50	328.3	27.00	345.6	29.40	362.9	31.93	373.2	33.69	390.5	36.32		
	87	304.1	21.96	328.3	25.21	345.6	27.44	362.9	29.79	373.2	31.42	390.5	33.86		
	82	304.1	20.18	328.3	23.14	345.6	25.18	362.9	27.32	373.2	28.82	390.5	31.04		
	75	304.1	17.96	328.3	20.58	345.6	22.38	362.9	24.28	373.2	25.60	390.5	27.56		
	72	304.1	17.07	328.3	19.55	345.6	21.26	362.9	23.05	373.2	24.31	390.5	26.16		
	70	304.1	16.51	328.3	18.91	345.6	20.56	362.9	22.29	373.2	23.50	390.5	25.29		
	68	304.1	15.97	328.3	18.29	345.6	19.88	362.9	21.55	373.2	22.72	390.5	24.45		
	65	304.1	15.58	328.3	17.83	345.6	19.38	362.9	21.01	373.2	22.14	390.5	23.83		
	62	304.1	15.25	328.3	17.46	345.6	18.97	362.9	20.56	373.2	21.67	390.5	23.32		
	58	304.1	14.86	328.3	17.01	345.6	18.48	362.9	20.03	373.2	21.10	390.5	22.70		
	54	304.1	14.55	328.3	16.64	345.6	18.08	362.9	19.59	373.2	20.64	390.5	22.21		
	50	304.1	14.22	328.3	16.26	345.6	17.66	362.9	19.14	373.2	20.17	390.5	21.69		
	40	304.1	13.85	328.3	15.83	345.6	17.20	362.9	18.63	373.2	19.63	390.5	21.11		
	30	304.1	13.53	328.3	15.47	345.6	16.80	362.9	18.20	373.2	19.17	390.5	20.61		
	23	304.1	13.31	328.3	15.22	345.6	16.53	362.9	17.90	373.2	18.86	390.5	20.28		
	15	304.1	13.08	328.3	14.95	345.6	16.23	362.9	17.58	373.2	18.52	390.5	19.91		
	5	304.1	12.84	328.3	14.68	345.6	15.94	362.9	17.26	373.2	18.19	390.5	19.55		
70	125	142.6	18.98	154.0	21.63	162.1	23.44	170.2	25.35	175.0	26.68	183.1	28.64		
	122	158.8	19.88	171.5	22.69	180.5	24.62	189.6	26.65	195.0	28.06	204.0	30.16		
	118	182.7	21.32	197.3	24.40	207.6	26.52	218.0	28.74	224.2	30.29	234.6	32.59		
	115	203.3	22.63	219.5	25.96	231.1	28.18	242.7	30.64	249.6	32.32	261.1	34.81		
	110	233.2	24.04	251.8	27.64	265.1	30.11	278.3	32.72	286.2	34.54	299.5	37.24		
	106	242.9	23.30	262.2	26.79	276.0	29.19	289.8	31.71	298.1	33.48	311.9	36.10		
	103	249.8	22.73	269.8	26.14	283.9	28.47	298.1	30.94	306.6	32.66	320.8	35.21		
	99	258.3	21.99	278.8	25.28	293.5	27.54	308.2	29.92	317.0	31.59	331.6	34.06		
	95	266.1	21.24	287.3	24.42	302.4	26.61	317.5	28.91	326.6	30.52	341.7	32.91		
	93	266.1	20.51	287.3	23.57	302.4	25.67	317.5	27.88	326.6	29.43	341.7	31.73		
	91	266.1	19.81	287.3	22.76	302.4	24.78	317.5	26.91	326.6	28.40	341.7	30.61		
	87	266.1	18.51	287.3	21.25	302.4	23.12	317.5	25.11	326.6	26.49	341.7	28.54		
	82	266.1	17.01	287.3	19.51	302.4	21.22	317.5	23.03	326.6	24.29	341.7	26.16		
	75	266.1	15.14	287.3	17.35	302.4	18.86	317.5	20.46	326.6	21.57	341.7	23.23		
	72	266.1	14.39	287.3	16.48	302.4	17.92	317.5	19.43	326.6	20.49	341.7	22.05		
	70	266.1	13.92	287.3	15.94	302.4	17.33	317.5	18.79	326.6	19.81	341.7	21.32		
	68	266.1	13.46	287.3	15.41	302.4	16.75	317.5	18.17	326.6	19.15	341.7	20.61		
	65	266.1	13.13	287.3	15.03	302.4	16.34	317.5	17.71	326.6	18.66	341.7	20.09		
	62	266.1	12.86	287.3	14.72	302.4	15.99	317.5	17.33	326.6	18.27	341.7	19.65		
	58	266.1	12.53	287.3	14.34	302.4	15.57	317.5	16.88	326.6	17.79	341.7	19.14		
	54	266.1	12.26	287.3	14.03	302.4	15.24	317.5	16.51	326.6	17.40	341.7	18.72		
	50	266.1	11.98	287.3	13.71	302.4	14.89	317.5	16.13	326.6	17.00	341.7	18.28		
	40	266.1	11.67	287.3	13.35	302.4	14.49	317.5	15.70	326.6	16.54	341.7	17.79		
	30	266.1	11.41	287.3	13.04	302.4	14.16	317.5	15.34	326.6	16.16	341.7	17.37		
	23	266.1	11.22	287.3	12.83	302.4	13.93	317.5	15.09	326.6	15.89	341.7	17.09		
	15	266.1	11.02	287.3	12.60	302.4	13.68	317.5	14.82	326.6	15.61	341.7	16.78		
	5	266.1	10.82	287.3	12.37	302.4	13.43	317.5	14.55	326.6	15.33	341.7	16.48		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as

COOLING (°F)

MMY-UP4561FT6P-UL/MMY-UP4561FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
100	125	215.0	32.18	232.2	36.66	244.4	39.74	256.6	42.97	263.9	45.21	276.2	48.64		
	122	239.5	33.70	258.6	38.46	272.2	41.73	285.8	45.17	294.0	47.56	307.6	51.21		
	118	275.5	36.14	297.5	41.36	313.1	44.95	328.8	48.71	338.1	51.34	353.8	55.35		
	115	306.6	38.36	331.1	44.00	348.5	47.77	365.9	51.94	376.3	54.78	393.7	59.12		
	110	351.7	40.74	379.7	46.85	399.7	51.04	419.7	55.45	431.6	58.53	451.6	63.25		
	106	366.2	39.49	395.4	45.41	416.2	49.47	437.0	53.75	449.4	56.74	470.2	61.31		
	103	376.7	38.53	406.8	44.30	428.2	48.26	449.6	52.44	462.4	55.35	483.8	59.81		
	99	389.4	37.27	420.5	42.85	442.6	46.68	464.7	50.72	477.9	53.54	500.1	57.85		
	95	401.2	36.00	433.2	41.40	456.0	45.10	478.8	49.00	492.4	51.72	515.2	55.89		
	93	401.2	34.75	433.2	39.95	456.0	43.51	478.8	47.26	492.4	49.88	515.2	53.89		
	91	401.2	33.57	433.2	38.57	456.0	42.00	478.8	45.61	492.4	48.13	515.2	51.99		
	87	401.2	31.37	433.2	36.01	456.0	39.20	478.8	42.55	492.4	44.89	515.2	48.47		
	82	401.2	28.82	433.2	33.06	456.0	35.97	478.8	39.04	492.4	41.17	515.2	44.44		
	75	401.2	25.66	433.2	29.40	456.0	31.97	478.8	34.68	492.4	36.56	515.2	39.45		
	72	401.2	24.38	433.2	27.94	456.0	30.37	478.8	32.94	492.4	34.72	515.2	37.45		
	70	401.2	23.59	433.2	27.02	456.0	29.37	478.8	31.85	492.4	33.57	515.2	36.21		
	68	401.2	22.81	433.2	26.13	456.0	28.40	478.8	30.79	492.4	32.45	515.2	35.00		
	65	401.2	22.25	433.2	25.48	456.0	27.69	478.8	30.02	492.4	31.64	515.2	34.11		
	62	401.2	21.79	433.2	24.94	456.0	27.10	478.8	29.38	492.4	30.96	515.2	33.38		
	58	401.2	21.23	433.2	24.30	456.0	26.40	478.8	28.61	492.4	30.15	515.2	32.50		
	54	401.2	20.78	433.2	23.78	456.0	25.83	478.8	27.99	492.4	29.49	515.2	31.79		
	50	401.2	20.31	433.2	23.23	456.0	25.24	478.8	27.34	492.4	28.81	515.2	31.05		
	40	401.2	19.78	433.2	22.62	456.0	24.57	478.8	26.61	492.4	28.04	515.2	30.21		
	30	401.2	19.33	433.2	22.10	456.0	24.00	478.8	25.99	492.4	27.38	515.2	29.51		
	23	401.2	19.02	433.2	21.74	456.0	23.61	478.8	25.57	492.4	26.94	515.2	29.03		
	15	401.2	18.68	433.2	21.35	456.0	23.18	478.8	25.11	492.4	26.45	515.2	28.50		
	5	401.2	18.35	433.2	20.97	456.0	22.77	478.8	24.66	492.4	25.98	515.2	27.99		
110	125	219.3	32.50	236.8	37.04	249.3	40.14	261.8	43.41	269.2	45.68	281.7	49.14		
	122	244.3	34.04	263.8	38.86	277.7	42.16	291.6	45.63	299.8	48.05	313.7	51.74		
	118	281.0	36.51	303.4	41.79	319.4	45.40	335.3	49.21	344.9	51.86	360.8	55.92		
	115	312.7	38.75	337.7	44.45	355.5	48.26	373.2	52.47	383.8	55.34	401.6	59.73		
	110	358.7	41.16	387.3	47.33	407.7	51.56	428.1	56.02	440.2	59.13	460.6	63.90		
	106	373.5	39.90	403.3	45.88	424.5	49.98	445.8	54.30	458.4	57.32	479.7	61.94		
	103	384.3	38.92	414.9	44.75	436.7	48.76	458.6	52.97	471.6	55.92	493.4	60.42		
	99	397.2	37.65	428.9	43.29	451.5	47.16	474.0	51.24	487.5	54.09	510.1	58.44		
	95	409.2	36.37	441.9	41.82	465.1	45.56	488.4	49.50	502.2	52.25	525.5	56.47		
	93	409.2	35.11	441.9	40.36	465.1	43.95	488.4	47.75	502.2	50.39	525.5	54.44		
	91	409.2	33.91	441.9	38.96	465.1	42.43	488.4	46.08	502.2	48.63	525.5	52.52		
	87	409.2	31.69	441.9	36.38	465.1	39.60	488.4	42.99	502.2	45.35	525.5	48.97		
	82	409.2	29.12	441.9	33.40	465.1	36.34	488.4	39.43	502.2	41.59	525.5	44.89		
	75	409.2	25.92	441.9	29.71	465.1	32.30	488.4	35.03	502.2	36.94	525.5	39.85		
	72	409.2	24.63	441.9	28.22	465.1	30.68	488.4	33.27	502.2	35.08	525.5	37.84		
	70	409.2	23.83	441.9	27.30	465.1	29.67	488.4	32.17	502.2	33.92	525.5	36.58		
	68	409.2	23.05	441.9	26.39	465.1	28.69	488.4	31.10	502.2	32.79	525.5	35.36		
	65	409.2	22.48	441.9	25.74	465.1	27.97	488.4	30.32	502.2	31.96	525.5	34.46		
	62	409.2	22.01	441.9	25.20	465.1	27.38	488.4	29.68	502.2	31.28	525.5	33.72		
	58	409.2	21.45	441.9	24.55	465.1	26.67	488.4	28.90	502.2	30.46	525.5	32.83		
	54	409.2	20.99	441.9	24.02	465.1	26.09	488.4	28.27	502.2	29.79	525.5	32.11		
	50	409.2	20.52	441.9	23.47	465.1	25.49	488.4	27.62	502.2	29.10	525.5	31.37		
	40	409.2	19.99	441.9	22.85	465.1	24.82	488.4	26.89	502.2	28.32	525.5	30.52		
	30	409.2	19.53	441.9	22.33	465.1	24.24	488.4	26.26	502.2	27.66	525.5	29.81		
	23	409.2	19.22	441.9	21.97	465.1	23.85	488.4	25.83	502.2	27.21	525.5	29.32		
	15	409.2	18.87	441.9	21.57	465.1	23.42	488.4	25.37	502.2	26.72	525.5	28.79		
	5	409.2	18.53	441.9	21.18	465.1	23.00	488.4	24.91	502.2	26.24	525.5	28.28		
120	125	225.8	33.14	243.8	37.76	256.6	40.93	269.5	44.26	277.1	46.57	290.0	50.10		
	122	251.5	34.71	271.6	39.62	285.8	42.99	300.1	46.53	308.7	48.99	323.0	52.75		
	118	289.3	37.23	312.3	42.61	328.8	46.30	345.2	50.18	355.0	52.88	371.5	57.01		
	115	321.9	39.52	347.6	45.32	365.9	49.20	384.2	53.50	395.1	56.43	413.4	60.90		
	110	369.2	41.97	398.7	48.26	419.7	52.57	440.7	57.12	453.2	60.29	474.2	65.15		
	106	384.5	40.68	415.2	46.78	437.0	50.96	458.9	55.37	471.9	58.44	493.8	63.15		
	103	395.6	39.69	427.1	45.63	449.6	49.71	472.1	54.01	485.5	57.01	508.0	61.61		
	99	408.9	38.39	441.5	44.14	464.7	48.09	488.0	52.25	501.8	55.15	525.1	59.59		
	95	421.3	37.08	454.9	42.64	478.8	46.46	502.7	50.48	517.0	53.28	541.0	57.57		
	93	421.3	35.80	454.9	41.15	478.8	44.82	502.7	48.68	517.0	51.38	541.0	55.51		
	91	421.3	34.58	454.9	39.73	478.8	43.26	502.7	46.99	517.0	49.58	541.0	53.56		
	87	421.3	32.31	454.9	37.09	478.8	40.37	502.7	43.83	517.0	46.24	541.0	49.93		
	82	421.3	29.69	454.9	34.06	478.8	37.05	502.7	40.21	517.0	42.41	541.0	45.77		
	75	421.3	26.43	454.9	30.29	478.8	32.94	502.7	35.72	517.0	37.66	541.0	40.63		
	72	421.3	25.12	454.9	28.78	478.8	31.29	502.7	33.93	517.0	35.77	541.0	38.58		
	70	421.3	24.30	454.9	27.83	478.8	30.26	502.7	32.81	517.0	34.58	541.0	37.30		
	68	421.3	23.50	454.9	26.91	478.8	29.25	502.7	31.71	517.0	33.43	541.0	36.05		
	65	421.3	22.92	454.9	26.24	478.8	28.52	502.7	30.92	517.0	32.59	541.0	35.14		
	62	421.3	22.45	454.9	25.69	478.8	27.92	502.7	30.26	517.0	31.89	541.0	34.38		
	58	421.3	21.87	454.9	25.03	478.8	27.19	502.7	29.47	517.0	31.05	541.0	33.48		
	54	421.3	21.41	454.9	24.49	478.8	26.60	502.7	28.83	517.0	30.38	541.0	32.74		
	50	421.3	20.92	454.9	23.93	478.8	25.99	502.7	28.17	517.0	29.68	541.0	31.98		
	40	421.3	20.38	454.9	23.30	478.8	25.31	502.7	27.41	517.0	28.88	541.0	31.12		
	30	421.3	19.91	454.9	22.76	478.8	24.72	502.7	26.78	517.0	28.21	541.0	30.39		
	23	421.3	19.59	454.9	22.40	478.8	24.32	502.7	26.34	517.0	27.75	541.0	29.90		
	15	421.3	19.24	454.9	21.99	478.8	23.88	502.7	25.87	517.0	27.25	541.0	29.36		
	5	421.3	18.90	454.9	21.60	478.8	23.45	502.7	25.40	517.0	26.76	541.0	28.83		
130	125	231.2	33.61	249.6	38.30	262.8	41.51	275.9	44.89	283.7	47.23	294.1	50.34		
	122	257.5	35.20	278.0	40.18	292.6	43.60	307.3	47.19	316.0	49.69	327.6	53.00		
	118	296.1	37.75	319.8	43.21	336.6	46.95	353.4	50.89	363.5	53.63	376.8	57.28		
	115	329.6	40.08	355.9	45.97	374.6	49.90	393.3	54.26	404.5	57.23	419.3	61.19		
	110	378.0	42.56	408.2	48.94	429.7	53.32	451.1	57.93	464.0	61.15	480.9	65.46		
	106	393.7	41.26	425.1	47.44	447.4	51.68	469.8	56.15	483.1	59.27	500.8	63.45		
	103	405.0	40.25	437.3	46.28	460.3	50.42	483.3	54.78	497.0	57.82	515.2	61.90		
	99	418.6	38.93	452.0	44.76	475.8	48.77	499.6	52.99	513.8	55.93	532.6	59.88		
	95	431.3	37.61	465.7	43.25	490.2	47.11	514.7	51.19	529.3	54.03	548.7	57.85		
	93	431.3	36.31	465.7	41.73	490.2	45.45	514.7	49.37	529.3	52.11	548.7	55.77		
	91	431.3	35.07	465.7	40.29	490.2	43.88	514.7	47.65	529.3	50.28	548.7	53.81		
	87	431.3	32.77	465.7	37.62	490.2	40.95	514.7	44.45	529.3	46.90	548.7	50.17		
	82	431.3	30.11	465.7	34.54	490.2	37.58	514.7	40.78	529.3	43.01	548.7	45.99		
	75	431.3	26.80	465.7	30.72	490.2	33.40	514.7	36.23	529.3	38.20	548.7	40.83		
	72	431.3	25.47	465.7	29.18	490.2	31.73	514.7	34.41	529.3	36.27	548.7	38.76		
	70	431.3	24.64	465.7	28.23	490.2	30.68	514.7	33.27	529.3	35.07	548.7	37.48		
	68	431.3	23.83	465.7	27.29	490.2	29.67	514.7	32.16	529.3	33.90	548.7	36.22		
	65	431.3	23.25	465.7	26.62	490.2	28.93	514.7	31.36	529.3	33.05	548.7	35.30		
	62	431.3	22.76	465.7	26.06	490.2	28.31	514.7	30.69	529.3	32.34	548.7	34.55		
	58	431.3	22.18	465.7	25.38	490.2	27.58	514.7	29.89	529.3	31.49	548.7	33.64		
	54	431.3	21.71	465.7	24.84	490.2	26.98	514.7	29.24	529.3	30.81	548.7	32.90		
	50	431.3	21.22	465.7	24.27	490.2	26.36	514.7	28.56	529.3	30.10	548.7	32.14		
	40	431.3	20.67	465.7	23.63	490.2	25.66	514.7	27.80	529.3	29.29	548.7	31.27		
	30	431.3	20.20	465.7	23.09	490.2	25.07	514.7	27.16	529.3	28.61	548.7	30.54		
	23	431.3	19.87	465.7	22.71	490.2	24.66	514.7	26.72	529.3	28.14	548.7	30.04		
	15	431.3	19.51	465.7	22.31	490.2	24.22	514.7	26.23	529.3	27.63	548.7	29.50		
	5	431.3	19.17	465.7	21.91	490.2	23.79	514.7	25.76	529.3	27.14	548.7	28.97		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
90	125	193.5	27.81	209.0	31.69	220.0	34.35	231.0	37.14	237.5	39.08	248.5	42.04		
	122	215.6	29.12	232.8	33.25	245.0	36.07	257.3	39.04	264.6	41.11	276.8	44.26		
	118	247.9	31.24	267.7	35.75	281.8	38.85	295.9	42.10	304.3	44.37	318.4	47.84		
	115	275.9	33.16	298.0	38.03	313.6	41.29	329.3	44.89	338.7	47.35	354.4	51.10		
	110	316.5	35.22	341.7	40.49	359.7	44.11	377.7	47.93	388.4	50.59	406.4	54.67		
	106	329.6	34.14	355.9	39.25	374.6	42.76	393.3	46.46	404.5	49.04	423.2	52.99		
	103	339.0	33.30	366.1	38.29	385.4	41.71	404.6	45.32	416.1	47.84	435.4	51.69		
	99	350.5	32.21	378.4	37.04	398.3	40.35	418.3	43.84	430.1	46.27	450.1	50.00		
	95	361.1	31.12	389.9	35.78	410.4	38.98	430.9	42.35	443.2	44.71	463.7	48.31		
	93	361.1	30.04	389.9	34.53	410.4	37.61	430.9	40.85	443.2	43.11	463.7	46.58		
	91	361.1	29.02	389.9	33.34	410.4	36.30	430.9	39.42	443.2	41.60	463.7	44.94		
	87	361.1	27.11	389.9	31.12	410.4	33.88	430.9	36.78	443.2	38.80	463.7	41.90		
	82	361.1	24.91	389.9	28.58	410.4	31.09	430.9	33.74	443.2	35.58	463.7	38.41		
	75	361.1	22.18	389.9	25.41	410.4	27.64	430.9	29.97	443.2	31.60	463.7	34.10		
	72	361.1	21.08	389.9	24.15	410.4	26.25	430.9	28.47	443.2	30.01	463.7	32.37		
	70	361.1	20.39	389.9	23.35	410.4	25.39	430.9	27.53	443.2	29.02	463.7	31.30		
	68	361.1	19.72	389.9	22.58	410.4	24.55	430.9	26.61	443.2	28.05	463.7	30.25		
	65	361.1	19.23	389.9	22.02	410.4	23.93	430.9	25.94	443.2	27.34	463.7	29.48		
	62	361.1	18.83	389.9	21.56	410.4	23.43	430.9	25.39	443.2	26.76	463.7	28.85		
	58	361.1	18.35	389.9	21.00	410.4	22.82	430.9	24.73	443.2	26.06	463.7	28.09		
	54	361.1	17.96	389.9	20.55	410.4	22.32	430.9	24.19	443.2	25.49	463.7	27.48		
	50	361.1	17.56	389.9	20.08	410.4	21.81	430.9	23.63	443.2	24.90	463.7	26.84		
	40	361.1	17.10	389.9	19.55	410.4	21.23	430.9	23.00	443.2	24.23	463.7	26.11		
	30	361.1	16.71	389.9	19.10	410.4	20.74	430.9	22.47	443.2	23.67	463.7	25.50		
	23	361.1	16.44	389.9	18.79	410.4	20.41	430.9	22.10	443.2	23.28	463.7	25.09		
	15	361.1	16.14	389.9	18.45	410.4	20.04	430.9	21.70	443.2	22.86	463.7	24.63		
	5	361.1	15.86	389.9	18.13	410.4	19.68	430.9	21.32	443.2	22.45	463.7	24.19		
80	125	172.0	23.78	185.8	27.09	195.5	29.37	205.3	31.75	211.1	33.41	220.9	35.95		
	122	191.6	24.90	206.9	28.42	217.8	30.84	228.7	33.38	235.2	35.15	246.1	37.85		
	118	220.4	26.71	238.0	30.57	250.5	33.21	263.0	36.00	270.5	37.94	283.0	40.90		
	115	245.3	28.35	264.8	32.52	278.8	35.30	292.7	38.38	301.0	40.48	315.0	43.69		
	110	281.3	30.11	303.8	34.62	319.7	37.72	335.7	40.98	345.3	43.26	361.3	46.74		
	106	293.0	29.19	316.3	33.56	333.0	36.56	349.6	39.72	359.6	41.93	376.2	45.31		
	103	301.4	28.47	325.4	32.74	342.5	35.66	359.7	38.75	369.9	40.90	387.0	44.20		
	99	311.5	27.54	336.4	31.67	354.1	34.50	371.8	37.48	382.4	39.56	400.1	42.75		
	95	321.0	26.60	346.6	30.59	364.8	33.33	383.0	36.21	393.9	38.22	412.2	41.30		
	93	321.0	25.68	346.6	29.52	364.8	32.15	383.0	34.93	393.9	36.86	412.2	39.82		
	91	321.0	24.81	346.6	28.50	364.8	31.04	383.0	33.71	393.9	35.57	412.2	38.42		
	87	321.0	23.18	346.6	26.61	364.8	28.96	383.0	31.45	393.9	33.17	412.2	35.82		
	82	321.0	21.30	346.6	24.43	364.8	26.58	383.0	28.85	393.9	30.42	412.2	32.84		
	75	321.0	18.96	346.6	21.73	364.8	23.63	383.0	25.63	393.9	27.02	412.2	29.15		
	72	321.0	18.02	346.6	20.64	364.8	22.44	383.0	24.34	393.9	25.66	412.2	27.68		
	70	321.0	17.43	346.6	19.97	364.8	21.71	383.0	23.54	393.9	24.81	412.2	26.76		
	68	321.0	16.86	346.6	19.31	364.8	20.99	383.0	22.75	393.9	23.98	412.2	25.86		
	65	321.0	16.44	346.6	18.83	364.8	20.46	383.0	22.18	393.9	23.38	412.2	25.21		
	62	321.0	16.10	346.6	18.43	364.8	20.03	383.0	21.71	393.9	22.88	412.2	24.67		
	58	321.0	15.69	346.6	17.96	364.8	19.51	383.0	21.14	393.9	22.28	412.2	24.02		
	54	321.0	15.36	346.6	17.57	364.8	19.09	383.0	20.68	393.9	21.79	412.2	23.49		
	50	321.0	15.01	346.6	17.17	364.8	18.65	383.0	20.21	393.9	21.29	412.2	22.95		
	40	321.0	14.62	346.6	16.72	364.8	18.15	383.0	19.67	393.9	20.72	412.2	22.33		
	30	321.0	14.29	346.6	16.33	364.8	17.73	383.0	19.21	393.9	20.24	412.2	21.80		
	23	321.0	14.06	346.6	16.07	364.8	17.45	383.0	18.90	393.9	19.91	412.2	21.45		
	15	321.0	13.80	346.6	15.78	364.8	17.13	383.0	18.56	393.9	19.55	412.2	21.06		
	5	321.0	13.56	346.6	15.50	364.8	16.83	383.0	18.23	393.9	19.20	412.2	20.69		
70	125	150.5	20.04	162.5	22.84	171.1	24.75	179.6	26.76	184.8	28.16	193.3	30.30		
	122	167.7	20.99	181.0	23.96	190.6	25.99	200.1	28.14	205.8	29.62	215.3	31.90		
	118	192.8	22.51	208.2	25.76	219.2	27.99	230.1	30.34	236.7	31.98	247.6	34.47		
	115	214.6	23.89	231.7	27.41	243.9	29.75	256.1	32.35	263.4	34.12	275.6	36.82		
	110	246.2	25.38	265.8	29.18	279.8	31.79	293.8	34.54	302.1	36.46	316.1	39.40		
	106	256.3	24.60	276.8	28.29	291.4	30.81	305.9	33.48	314.6	35.34	329.2	38.19		
	103	263.7	24.00	284.7	27.59	299.7	30.06	314.7	32.66	323.6	34.47	338.6	37.25		
	99	272.6	23.21	294.3	26.69	309.8	29.08	325.3	31.59	334.6	33.35	350.0	36.03		
	95	280.8	22.42	303.2	25.78	319.2	28.09	335.2	30.52	344.7	32.22	360.6	34.81		
	93	280.8	21.65	303.2	24.88	319.2	27.10	335.2	29.44	344.7	31.07	360.6	33.57		
	91	280.8	20.91	303.2	24.02	319.2	26.16	335.2	28.41	344.7	29.98	360.6	32.38		
	87	280.8	19.54	303.2	22.43	319.2	24.41	335.2	26.50	344.7	27.96	360.6	30.19		
	82	280.8	17.95	303.2	20.59	319.2	22.40	335.2	24.31	344.7	25.64	360.6	27.68		
	75	280.8	15.98	303.2	18.31	319.2	19.92	335.2	21.60	344.7	22.77	360.6	24.57		
	72	280.8	15.19	303.2	17.40	319.2	18.92	335.2	20.51	344.7	21.63	360.6	23.33		
	70	280.8	14.69	303.2	16.83	319.2	18.29	335.2	19.84	344.7	20.91	360.6	22.55		
	68	280.8	14.21	303.2	16.27	319.2	17.69	335.2	19.18	344.7	20.21	360.6	21.80		
	65	280.8	13.86	303.2	15.87	319.2	17.25	335.2	18.70	344.7	19.70	360.6	21.25		
	62	280.8	13.57	303.2	15.54	319.2	16.88	335.2	18.30	344.7	19.28	360.6	20.79		
	58	280.8	13.23	303.2	15.13	319.2	16.44	335.2	17.82	344.7	18.78	360.6	20.24		
	54	280.8	12.94	303.2	14.81	319.2	16.09	335.2	17.43	344.7	18.37	360.6	19.80		
	50	280.8	12.65	303.2	14.47	319.2	15.72	335.2	17.03	344.7	17.94	360.6	19.34		
	40	280.8	12.32	303.2	14.09	319.2	15.30	335.2	16.58	344.7	17.46	360.6	18.82		
	30	280.8	12.04	303.2	13.77	319.2	14.95	335.2	16.19	344.7	17.06	360.6	18.38		
	23	280.8	11.85	303.2	13.54	319.2	14.71	335.2	15.93	344.7	16.78	360.6	18.08		
	15	280.8	11.63	303.2	13.30	319.2	14.44	335.2	15.64	344.7	16.48	360.6	17.75		
	5	280.8	11.43	303.2	13.06	319.2	14.18	335.2	15.36	344.7	16.18	360.6	17.43		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as

MMY-UP4801FT6P-UL/MMY-UP4801FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	226.4	34.85	244.4	39.63	257.3	42.90	270.2	46.34	277.9	48.74	290.7	52.38
	122	252.2	36.46	272.2	41.52	286.6	45.00	300.9	48.66	309.5	51.21	323.8	55.08
	118	290.0	39.03	313.1	44.58	329.6	48.38	346.1	52.38	356.0	55.17	372.4	59.42
	115	322.8	41.38	348.5	47.35	366.8	51.35	385.2	55.77	396.2	58.78	414.5	63.38
	110	370.2	43.87	399.7	50.33	420.7	54.76	441.8	59.43	454.4	62.70	475.4	67.68
	106	385.4	42.52	416.2	48.78	438.1	53.08	460.0	57.61	473.2	60.78	495.1	65.61
	103	396.6	41.48	428.2	47.59	450.7	51.78	473.2	56.20	486.8	59.29	509.3	64.00
	99	410.0	40.12	442.6	46.03	465.9	50.09	489.2	54.36	503.2	57.35	526.5	61.91
	95	422.4	38.76	456.0	44.47	480.0	48.39	504.0	52.52	518.4	55.41	542.4	59.81
	93	422.4	37.43	456.0	42.92	480.0	46.70	504.0	50.67	518.4	53.45	542.4	57.68
	91	422.4	36.17	456.0	41.46	480.0	45.09	504.0	48.92	518.4	51.59	542.4	55.67
	87	422.4	33.81	456.0	38.73	480.0	42.10	504.0	45.66	518.4	48.14	542.4	51.93
	82	422.4	31.08	456.0	35.58	480.0	38.66	504.0	41.91	518.4	44.17	542.4	47.63
	75	422.4	27.69	456.0	31.66	480.0	34.39	504.0	37.26	518.4	39.26	542.4	42.31
	72	422.4	26.32	456.0	30.09	480.0	32.67	504.0	35.39	518.4	37.29	542.4	40.18
	70	422.4	25.47	456.0	29.10	480.0	31.60	504.0	34.23	518.4	36.06	542.4	38.85
	68	422.4	24.63	456.0	28.15	480.0	30.56	504.0	33.09	518.4	34.86	542.4	37.56
	65	422.4	24.03	456.0	27.45	480.0	29.80	504.0	32.27	518.4	33.99	542.4	36.61
	62	422.4	23.53	456.0	26.88	480.0	29.17	504.0	31.59	518.4	33.27	542.4	35.84
	58	422.4	22.94	456.0	26.19	480.0	28.42	504.0	30.77	518.4	32.40	542.4	34.90
	54	422.4	22.45	456.0	25.63	480.0	27.81	504.0	30.10	518.4	31.70	542.4	34.14
	50	422.4	21.95	456.0	25.05	480.0	27.18	504.0	29.41	518.4	30.98	542.4	33.35
	40	422.4	21.38	456.0	24.39	480.0	26.46	504.0	28.64	518.4	30.15	542.4	32.46
	30	422.4	20.90	456.0	23.84	480.0	25.85	504.0	27.97	518.4	29.45	542.4	31.70
	23	422.4	20.56	456.0	23.45	480.0	25.44	504.0	27.52	518.4	28.98	542.4	31.19
	15	422.4	20.19	456.0	23.03	480.0	24.98	504.0	27.03	518.4	28.45	542.4	30.63
	5	422.4	19.83	456.0	22.62	480.0	24.53	504.0	26.54	518.4	27.94	542.4	30.08
110	125	230.9	35.21	249.3	40.03	262.4	43.34	275.6	46.82	283.4	49.24	296.5	52.92
	122	257.2	36.83	277.7	41.95	292.3	45.46	306.9	49.16	315.7	51.73	330.3	55.64
	118	295.8	39.43	319.4	45.03	336.2	48.88	353.0	52.92	363.1	55.74	379.9	60.03
	115	329.3	41.80	355.5	47.83	374.2	51.88	392.9	56.34	404.1	59.38	422.8	64.02
	110	377.6	44.32	407.7	50.84	429.1	55.32	450.6	60.04	463.5	63.34	484.9	68.37
	106	393.3	42.96	424.5	49.28	446.9	53.63	469.2	58.20	482.6	61.40	505.0	66.28
	103	404.6	41.91	436.7	48.08	459.7	52.31	482.7	56.77	496.5	59.90	519.5	64.65
	99	418.2	40.53	451.5	46.50	475.2	50.60	499.0	54.92	513.2	57.94	537.0	62.54
	95	430.8	39.16	465.1	44.93	489.6	48.88	514.1	53.05	528.8	55.97	553.2	60.42
	93	430.8	37.81	465.1	43.36	489.6	47.17	514.1	51.19	528.8	53.99	553.2	58.27
	91	430.8	36.54	465.1	41.88	489.6	45.55	514.1	49.42	528.8	52.12	553.2	56.24
	87	430.8	34.15	465.1	39.12	489.6	42.53	514.1	46.12	528.8	48.63	553.2	52.46
	82	430.8	31.40	465.1	35.94	489.6	39.06	514.1	42.33	528.8	44.63	553.2	48.12
	75	430.8	27.97	465.1	31.98	489.6	34.74	514.1	37.64	528.8	39.66	553.2	42.74
	72	430.8	26.59	465.1	30.39	489.6	33.01	514.1	35.75	528.8	37.67	553.2	40.59
	70	430.8	25.73	465.1	29.40	489.6	31.92	514.1	34.58	528.8	36.43	553.2	39.25
	68	430.8	24.88	465.1	28.43	489.6	30.87	514.1	33.43	528.8	35.22	553.2	37.94
	65	430.8	24.28	465.1	27.73	489.6	30.10	514.1	32.60	528.8	34.34	553.2	36.99
	62	430.8	23.77	465.1	27.15	489.6	29.47	514.1	31.91	528.8	33.61	553.2	36.20
	58	430.8	23.17	465.1	26.46	489.6	28.71	514.1	31.08	528.8	32.74	553.2	35.25
	54	430.8	22.68	465.1	25.89	489.6	28.09	514.1	30.41	528.8	32.03	553.2	34.49
	50	430.8	22.17	465.1	25.30	489.6	27.45	514.1	29.71	528.8	31.29	553.2	33.69
	40	430.8	21.60	465.1	24.64	489.6	26.73	514.1	28.93	528.8	30.46	553.2	32.79
	30	430.8	21.11	465.1	24.08	489.6	26.12	514.1	28.26	528.8	29.75	553.2	32.03
	23	430.8	20.77	465.1	23.69	489.6	25.70	514.1	27.80	528.8	29.27	553.2	31.51
	15	430.8	20.40	465.1	23.27	489.6	25.23	514.1	27.30	528.8	28.74	553.2	30.94
	5	430.8	20.03	465.1	22.85	489.6	24.78	514.1	26.81	528.8	28.23	553.2	30.39
120	125	237.7	35.90	256.6	40.82	270.2	44.19	283.7	47.74	291.8	50.20	305.3	53.96
	122	264.8	37.55	285.8	42.77	300.9	46.36	315.9	50.12	325.0	52.75	340.0	56.74
	118	304.5	40.21	328.8	45.92	346.1	49.84	363.4	53.96	373.8	56.83	391.1	61.21
	115	338.9	42.62	365.9	48.77	385.2	52.90	404.4	57.44	416.0	60.55	435.2	65.28
	110	388.7	45.19	419.7	51.84	441.8	56.41	463.8	61.22	477.1	64.59	499.2	69.72
	106	404.8	43.80	437.0	50.25	460.0	54.68	483.0	59.34	496.8	62.61	519.8	67.58
	103	416.5	42.73	449.6	49.02	473.2	53.34	496.9	57.89	511.1	61.07	534.8	65.92
	99	430.5	41.33	464.7	47.42	489.2	51.59	513.7	55.99	528.3	59.07	552.8	63.77
	95	443.5	39.93	478.8	45.81	504.0	49.84	529.2	54.10	544.3	57.07	569.5	61.61
	93	443.5	38.56	478.8	44.21	504.0	48.10	529.2	52.19	544.3	55.05	569.5	59.42
	91	443.5	37.25	478.8	42.70	504.0	46.45	529.2	50.39	544.3	53.14	569.5	57.34
	87	443.5	34.82	478.8	39.89	504.0	43.37	529.2	47.03	544.3	49.59	569.5	53.49
	82	443.5	32.02	478.8	36.65	504.0	39.82	529.2	43.17	544.3	45.50	569.5	49.06
	75	443.5	28.52	478.8	32.61	504.0	35.42	529.2	38.38	544.3	40.44	569.5	43.58
	72	443.5	27.11	478.8	30.99	504.0	33.65	529.2	36.45	544.3	38.41	569.5	41.39
	70	443.5	26.23	478.8	29.98	504.0	32.55	529.2	35.26	544.3	37.15	569.5	40.02
	68	443.5	25.37	478.8	28.99	504.0	31.48	529.2	34.09	544.3	35.91	569.5	38.69
	65	443.5	24.75	478.8	28.28	504.0	30.69	529.2	33.24	544.3	35.01	569.5	37.72
	62	443.5	24.24	478.8	27.69	504.0	30.05	529.2	32.54	544.3	34.27	569.5	36.91
	58	443.5	23.63	478.8	26.98	504.0	29.27	529.2	31.69	544.3	33.38	569.5	35.95
	54	443.5	23.13	478.8	26.40	504.0	28.65	529.2	31.01	544.3	32.66	569.5	35.16
	50	443.5	22.61	478.8	25.80	504.0	27.99	529.2	30.30	544.3	31.91	569.5	34.35
	40	443.5	22.03	478.8	25.13	504.0	27.26	529.2	29.50	544.3	31.06	569.5	33.44
	30	443.5	21.52	478.8	24.55	504.0	26.63	529.2	28.81	544.3	30.34	569.5	32.66
	23	443.5	21.18	478.8	24.16	504.0	26.20	529.2	28.35	544.3	29.85	569.5	32.13
	15	443.5	20.80	478.8	23.72	504.0	25.73	529.2	27.84	544.3	29.31	569.5	31.55
	5	443.5	20.43	478.8	23.30	504.0	25.27	529.2	27.34	544.3	28.78	569.5	30.98
130	125	243.4	36.41	262.8	41.40	276.6	44.82	290.4	48.41	298.7	50.92	309.6	54.21
	122	271.1	38.08	292.6	43.38	308.1	47.01	323.5	50.83	332.7	53.49	344.9	57.01
	118	311.8	40.78	336.6	46.57	354.3	50.54	372.0	54.72	382.7	57.64	396.6	61.50
	115	347.0	43.22	374.6	49.46	394.3	53.65	414.1	58.26	425.9	61.41	441.5	65.59
	110	398.0	45.83	429.7	52.58	452.3	57.21	474.9	62.09	488.5	65.50	506.3	70.05
	106	414.5	44.42	447.4	50.96	471.0	55.45	494.5	60.18	508.7	63.49	527.3	67.90
	103	426.4	43.34	460.3	49.72	484.5	54.10	508.7	58.71	523.3	61.94	542.4	66.24
	99	440.7	41.92	475.8	48.09	500.8	52.33	525.9	56.79	540.9	59.91	560.7	64.07
	95	454.1	40.49	490.2	46.46	516.0	50.55	541.8	54.86	557.3	57.88	577.7	61.90
	93	454.1	39.10	490.2	44.84	516.0	48.78	541.8	52.93	557.3	55.83	577.7	59.70
	91	454.1	37.78	490.2	43.31	516.0	47.10	541.8	51.10	557.3	53.89	577.7	57.61
	87	454.1	35.32	490.2	40.45	516.0	43.98	541.8	47.70	557.3	50.29	577.7	53.74
	82	454.1	32.47	490.2	37.16	516.0	40.39	541.8	43.78	557.3	46.15	577.7	49.29
	75	454.1	28.92	490.2	33.07	516.0	35.92	541.8	38.92	557.3	41.01	577.7	43.79
	72	454.1	27.50	490.2	31.43	516.0	34.13	541.8	36.97	557.3	38.96	577.7	41.59
	70	454.1	26.60	490.2	30.40	516.0	33.01	541.8	35.76	557.3	37.67	577.7	40.21
	68	454.1	25.73	490.2	29.40	516.0	31.92	541.8	34.57	557.3	36.42	577.7	38.87
	65	454.1	25.10	490.2	28.68	516.0	31.13	541.8	33.71	557.3	35.51	577.7	37.89
	62	454.1	24.59	490.2	28.08	516.0	30.48	541.8	33.00	557.3	34.76	577.7	37.09
	58	454.1	23.96	490.2	27.36	516.0	29.69	541.8	32.14	557.3	33.85	577.7	36.12
	54	454.1	23.46	490.2	26.77	516.0	29.05	541.8	31.45	557.3	33.12	577.7	35.33
	50	454.1	22.93	490.2	26.17	516.0	28.39	541.8	30.73	557.3	32.36	577.7	34.52
	40	454.1	22.34	490.2	25.48	516.0	27.64	541.8	29.92	557.3	31.50	577.7	33.59
	30	454.1	21.83	490.2	24.90	516.0	27.01	541.8	29.22	557.3	30.77	577.7	32.81
	23	454.1	21.48	490.2	24.50	516.0	26.57	541.8	28.75	557.3	30.27	577.7	32.28
	15	454.1	21.09	490.2	24.06	516.0	26.09	541.8	28.23	557.3	29.72	577.7	31.70
	5	454.1	20.72	490.2	23.63	516.0	25.63	541.8	27.73	557.3	29.19	577.7	31.13

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	203.8	30.12	220.0	34.25	231.6	37.08	243.1	40.06	250.1	42.13	261.7	45.27
	122	227.0	31.51	245.0	35.89	257.9	38.90	270.8	42.06	278.5	44.26	291.4	47.61
	118	261.0	33.74	281.8	38.53	296.6	41.82	311.5	45.27	320.4	47.69	335.2	51.36
	115	290.5	35.76	313.6	40.93	330.1	44.38	346.6	48.20	356.6	50.81	373.1	54.78
	110	333.2	37.92	359.7	43.50	378.6	47.33	397.6	51.37	408.9	54.19	427.9	58.50
	106	347.0	36.75	374.6	42.17	394.3	45.88	414.0	49.79	425.9	52.53	445.6	56.70
	103	357.0	35.85	385.4	41.13	405.6	44.76	425.9	48.57	438.1	51.24	458.4	55.32
	99	369.0	34.68	398.3	39.79	419.3	43.29	440.3	46.98	452.9	49.57	473.8	53.51
	95	380.2	33.50	410.4	38.44	432.0	41.82	453.6	45.39	466.6	47.89	488.2	51.69
	93	380.2	32.35	410.4	37.10	432.0	40.36	453.6	43.79	466.6	46.20	488.2	49.86
	91	380.2	31.26	410.4	35.83	432.0	38.97	453.6	42.28	466.6	44.59	488.2	48.11
	87	380.2	29.22	410.4	33.47	432.0	36.39	453.6	39.46	466.6	41.61	488.2	44.88
	82	380.2	26.87	410.4	30.75	432.0	33.41	453.6	36.22	466.6	38.18	488.2	41.17
	75	380.2	23.93	410.4	27.36	432.0	29.72	453.6	32.20	466.6	33.93	488.2	36.57
	72	380.2	22.75	410.4	26.00	432.0	28.24	453.6	30.59	466.6	32.23	488.2	34.73
	70	380.2	22.01	410.4	25.15	432.0	27.31	453.6	29.58	466.6	31.17	488.2	33.58
	68	380.2	21.29	410.4	24.33	432.0	26.41	453.6	28.60	466.6	30.13	488.2	32.46
	65	380.2	20.77	410.4	23.73	432.0	25.76	453.6	27.89	466.6	29.38	488.2	31.65
	62	380.2	20.34	410.4	23.23	432.0	25.21	453.6	27.30	466.6	28.76	488.2	30.97
	58	380.2	19.82	410.4	22.63	432.0	24.56	453.6	26.59	466.6	28.01	488.2	30.16
	54	380.2	19.41	410.4	22.15	432.0	24.04	453.6	26.02	466.6	27.40	488.2	29.51
	50	380.2	18.97	410.4	21.65	432.0	23.49	453.6	25.42	466.6	26.77	488.2	28.83
	40	380.2	18.48	410.4	21.08	432.0	22.87	453.6	24.75	466.6	26.06	488.2	28.06
	30	380.2	18.06	410.4	20.60	432.0	22.35	453.6	24.18	466.6	25.46	488.2	27.40
	23	380.2	17.77	410.4	20.27	432.0	21.98	453.6	23.79	466.6	25.04	488.2	26.96
	15	380.2	17.45	410.4	19.91	432.0	21.59	453.6	23.36	466.6	24.59	488.2	26.47
	5	380.2	17.14	410.4	19.55	432.0	21.20	453.6	22.94	466.6	24.15	488.2	26.00
80	125	181.1	25.75	195.5	29.28	205.8	31.70	216.1	34.25	222.3	36.02	232.6	38.71
	122	201.7	26.94	217.8	30.69	229.2	33.26	240.7	35.96	247.6	37.84	259.1	40.70
	118	232.0	28.84	250.5	32.94	263.7	35.75	276.9	38.71	284.8	40.77	298.0	43.91
	115	258.2	30.58	278.8	34.99	293.5	37.95	308.1	41.21	316.9	43.44	331.6	46.83
	110	296.2	32.42	319.7	37.19	336.6	40.47	353.4	43.92	363.5	46.33	380.3	50.02
	106	308.4	31.42	333.0	36.05	350.5	39.23	368.0	42.57	378.5	44.91	396.1	48.48
	103	317.3	30.66	342.5	35.17	360.6	38.27	378.6	41.53	389.4	43.81	407.4	47.29
	99	328.0	29.65	354.1	34.02	372.7	37.01	391.4	40.17	402.5	42.38	421.2	45.75
	95	337.9	28.65	364.8	32.86	384.0	35.76	403.2	38.81	414.7	40.94	433.9	44.20
	93	337.9	27.66	364.8	31.72	384.0	34.51	403.2	37.44	414.7	39.50	433.9	42.63
	91	337.9	26.73	364.8	30.64	384.0	33.32	403.2	36.15	414.7	38.12	433.9	41.14
	87	337.9	24.98	364.8	28.62	384.0	31.11	403.2	33.74	414.7	35.57	433.9	38.37
	82	337.9	22.97	364.8	26.29	384.0	28.57	403.2	30.97	414.7	32.64	433.9	35.20
	75	337.9	20.46	364.8	23.40	384.0	25.41	403.2	27.53	414.7	29.01	433.9	31.27
	72	337.9	19.45	364.8	22.23	384.0	24.14	403.2	26.15	414.7	27.56	433.9	29.69
	70	337.9	18.82	364.8	21.51	384.0	23.35	403.2	25.29	414.7	26.65	433.9	28.71
	68	337.9	18.20	364.8	20.80	384.0	22.58	403.2	24.46	414.7	25.76	433.9	27.76
	65	337.9	17.76	364.8	20.29	384.0	22.02	403.2	23.84	414.7	25.12	433.9	27.06
	62	337.9	17.39	364.8	19.86	384.0	21.56	403.2	23.34	414.7	24.59	433.9	26.48
	58	337.9	16.95	364.8	19.35	384.0	21.00	403.2	22.74	414.7	23.95	433.9	25.79
	54	337.9	16.59	364.8	18.94	384.0	20.55	403.2	22.25	414.7	23.43	433.9	25.23
	50	337.9	16.22	364.8	18.51	384.0	20.08	403.2	21.74	414.7	22.89	433.9	24.65
	40	337.9	15.80	364.8	18.03	384.0	19.56	403.2	21.16	414.7	22.28	433.9	23.99
	30	337.9	15.44	364.8	17.61	384.0	19.11	403.2	20.67	414.7	21.77	433.9	23.43
	23	337.9	15.19	364.8	17.33	384.0	18.80	403.2	20.34	414.7	21.41	433.9	23.05
	15	337.9	14.92	364.8	17.02	384.0	18.46	403.2	19.97	414.7	21.03	433.9	22.63
	5	337.9	14.66	364.8	16.71	384.0	18.13	403.2	19.61	414.7	20.65	433.9	22.23
70	125	158.5	21.71	171.1	24.68	180.1	26.72	189.1	28.86	194.5	30.36	203.5	32.63
	122	176.5	22.71	190.6	25.86	200.6	28.03	210.6	30.31	216.6	31.89	226.7	34.31
	118	203.0	24.31	219.2	27.76	230.7	30.13	242.3	32.63	249.2	34.36	260.7	37.01
	115	226.0	25.77	243.9	29.49	256.8	31.98	269.6	34.73	277.3	36.61	290.2	39.47
	110	259.2	27.32	279.8	31.35	294.5	34.11	309.2	37.02	318.1	39.05	332.8	42.16
	106	269.9	26.49	291.4	30.39	306.7	33.06	322.0	35.88	331.2	37.86	346.6	40.86
	103	277.6	25.84	299.7	29.64	315.5	32.25	331.3	35.00	340.7	36.93	356.5	39.86
	99	287.0	24.99	309.8	28.67	326.1	31.20	342.4	33.86	352.2	35.72	368.5	38.56
	95	295.7	24.14	319.2	27.70	336.0	30.14	352.8	32.71	362.9	34.51	379.7	37.25
	93	295.7	23.31	319.2	26.74	336.0	29.09	352.8	31.56	362.9	33.29	379.7	35.93
	91	295.7	22.53	319.2	25.82	336.0	28.08	352.8	30.47	362.9	32.13	379.7	34.67
	87	295.7	21.06	319.2	24.12	336.0	26.22	352.8	28.44	362.9	29.98	379.7	32.34
	82	295.7	19.36	319.2	22.16	336.0	24.08	352.8	26.10	362.9	27.51	379.7	29.67
	75	295.7	17.25	319.2	19.72	336.0	21.42	352.8	23.20	362.9	24.45	379.7	26.35
	72	295.7	16.39	319.2	18.74	336.0	20.35	352.8	22.04	362.9	23.23	379.7	25.03
	70	295.7	15.86	319.2	18.13	336.0	19.68	352.8	21.32	362.9	22.46	379.7	24.20
	68	295.7	15.34	319.2	17.53	336.0	19.03	352.8	20.61	362.9	21.72	379.7	23.39
	65	295.7	14.97	319.2	17.10	336.0	18.56	352.8	20.10	362.9	21.17	379.7	22.81
	62	295.7	14.66	319.2	16.74	336.0	18.17	352.8	19.67	362.9	20.72	379.7	22.32
	58	295.7	14.29	319.2	16.31	336.0	17.70	352.8	19.16	362.9	20.18	379.7	21.74
	54	295.7	13.98	319.2	15.96	336.0	17.32	352.8	18.75	362.9	19.75	379.7	21.26
	50	295.7	13.67	319.2	15.60	336.0	16.93	352.8	18.32	362.9	19.29	379.7	20.77
	40	295.7	13.32	319.2	15.19	336.0	16.48	352.8	17.84	362.9	18.78	379.7	20.22
	30	295.7	13.02	319.2	14.85	336.0	16.10	352.8	17.42	362.9	18.34	379.7	19.75
	23	295.7	12.81	319.2	14.61	336.0	15.84	352.8	17.14	362.9	18.05	379.7	19.43
	15	295.7	12.58	319.2	14.34	336.0	15.56	352.8	16.83	362.9	17.72	379.7	19.08
	5	295.7	12.35	319.2	14.09	336.0	15.28	352.8	16.53	362.9	17.41	379.7	18.73

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP5041FT6P-UL/MMY-UP5041FT9P-UL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
100	125	237.7	37.88	256.6	43.07	270.2	46.64	283.7	50.38	291.8	52.98	305.3	56.94		
	122	264.8	39.63	285.8	45.14	300.9	48.92	315.9	52.89	324.9	55.66	340.0	59.87		
	118	304.5	42.43	328.8	48.45	346.1	52.59	363.4	56.94	373.7	59.97	391.0	64.59		
	115	338.9	44.97	365.9	51.47	385.2	55.83	404.4	60.62	416.0	63.89	435.2	68.89		
	110	388.7	47.68	419.7	54.71	441.8	59.53	463.8	64.60	477.1	68.15	499.2	73.57		
	106	404.8	46.22	437.0	53.03	460.0	57.70	483.0	62.62	496.8	66.06	519.8	71.31		
	103	416.4	45.09	449.6	51.73	473.2	56.29	496.9	61.09	511.1	64.44	534.8	69.56		
	99	430.5	43.61	464.7	50.04	489.2	54.45	513.7	59.09	528.3	62.34	552.8	67.29		
	95	443.5	42.13	478.8	48.34	504.0	52.60	529.2	57.09	544.3	60.22	569.5	65.01		
	93	443.5	40.69	478.8	46.66	504.0	50.76	529.2	55.08	544.3	58.09	569.5	62.70		
	91	443.5	39.31	478.8	45.06	504.0	49.01	529.2	53.17	544.3	56.08	569.5	60.51		
	87	443.5	36.75	478.8	42.09	504.0	45.76	529.2	49.63	544.3	52.33	569.5	56.44		
	82	443.5	33.79	478.8	38.67	504.0	42.02	529.2	45.55	544.3	48.02	569.5	51.77		
	75	443.5	30.09	478.8	34.41	504.0	37.38	529.2	40.50	544.3	42.67	569.5	45.99		
	72	443.5	28.61	478.8	32.70	504.0	35.51	529.2	38.47	544.3	40.53	569.5	43.68		
	70	443.5	27.68	478.8	31.64	504.0	34.35	529.2	37.21	544.3	39.20	569.5	42.23		
	68	443.5	26.77	478.8	30.59	504.0	33.22	529.2	35.97	544.3	37.90	569.5	40.83		
	65	443.5	26.12	478.8	29.84	504.0	32.39	529.2	35.07	544.3	36.95	569.5	39.80		
	62	443.5	25.58	478.8	29.22	504.0	31.71	529.2	34.33	544.3	36.16	569.5	38.95		
	58	443.5	24.93	478.8	28.47	504.0	30.89	529.2	33.44	544.3	35.22	569.5	37.93		
	54	443.5	24.40	478.8	27.86	504.0	30.23	529.2	32.72	544.3	34.46	569.5	37.11		
	50	443.5	23.86	478.8	27.23	504.0	29.54	529.2	31.97	544.3	33.67	569.5	36.25		
	40	443.5	23.24	478.8	26.52	504.0	28.77	529.2	31.13	544.3	32.77	569.5	35.28		
	30	443.5	22.71	478.8	25.91	504.0	28.10	529.2	30.41	544.3	32.01	569.5	34.46		
	23	443.5	22.35	478.8	25.49	504.0	27.65	529.2	29.92	544.3	31.50	569.5	33.90		
	15	443.5	21.95	478.8	25.03	504.0	27.15	529.2	29.38	544.3	30.93	569.5	33.29		
	5	443.5	21.56	478.8	24.59	504.0	26.67	529.2	28.85	544.3	30.37	569.5	32.69		
110	125	242.5	38.27	261.8	43.51	275.6	47.11	289.3	50.89	297.6	53.52	311.4	57.52		
	122	270.1	40.03	291.6	45.60	306.9	49.42	322.3	53.43	331.4	56.23	346.8	60.48		
	118	310.6	42.86	335.3	48.95	353.0	53.13	370.6	57.52	381.2	60.58	398.9	65.25		
	115	345.7	45.43	373.2	52.00	392.9	56.40	412.5	61.24	424.3	64.55	443.9	69.59		
	110	396.5	48.17	428.1	55.27	450.6	60.14	473.1	65.26	486.6	68.85	509.2	74.32		
	106	412.9	46.69	445.8	53.57	469.2	58.29	492.7	63.26	506.7	66.74	530.2	72.04		
	103	424.8	45.55	458.6	52.26	482.7	56.86	506.8	61.71	521.3	65.10	545.4	70.28		
	99	439.1	44.06	474.0	50.55	499.0	55.00	523.9	59.69	538.9	62.97	563.8	67.98		
	95	452.4	42.56	488.4	48.83	514.1	53.14	539.8	57.67	555.2	60.84	580.9	65.67		
	93	452.4	41.10	488.4	47.14	514.1	51.28	539.8	55.64	555.2	58.69	580.9	63.34		
	91	452.4	39.71	488.4	45.52	514.1	49.51	539.8	53.71	555.2	56.65	580.9	61.13		
	87	452.4	37.12	488.4	42.52	514.1	46.23	539.8	50.14	555.2	52.86	580.9	57.02		
	82	452.4	34.13	488.4	39.07	514.1	42.45	539.8	46.02	555.2	48.51	580.9	52.30		
	75	452.4	30.40	488.4	34.77	514.1	37.76	539.8	40.91	555.2	43.11	580.9	46.46		
	72	452.4	28.90	488.4	33.04	514.1	35.88	539.8	38.86	555.2	40.95	580.9	44.12		
	70	452.4	27.96	488.4	31.96	514.1	34.70	539.8	37.59	555.2	39.60	580.9	42.66		
	68	452.4	27.05	488.4	30.91	514.1	33.56	539.8	36.34	555.2	38.28	580.9	41.24		
	65	452.4	26.39	488.4	30.14	514.1	32.72	539.8	35.43	555.2	37.32	580.9	40.21		
	62	452.4	25.84	488.4	29.51	514.1	32.04	539.8	34.69	555.2	36.53	580.9	39.35		
	58	452.4	25.19	488.4	28.76	514.1	31.21	539.8	33.79	555.2	35.58	580.9	38.32		
	54	452.4	24.65	488.4	28.14	514.1	30.54	539.8	33.06	555.2	34.81	580.9	37.49		
	50	452.4	24.10	488.4	27.51	514.1	29.84	539.8	32.30	555.2	34.01	580.9	36.62		
	40	452.4	23.48	488.4	26.79	514.1	29.06	539.8	31.45	555.2	33.11	580.9	35.64		
	30	452.4	22.94	488.4	26.17	514.1	28.39	539.8	30.72	555.2	32.34	580.9	34.81		
	23	452.4	22.58	488.4	25.75	514.1	27.93	539.8	30.22	555.2	31.82	580.9	34.25		
	15	452.4	22.17	488.4	25.29	514.1	27.43	539.8	29.68	555.2	31.24	580.9	33.63		
	5	452.4	21.78	488.4	24.84	514.1	26.94	539.8	29.15	555.2	30.69	580.9	33.03		
120	125	249.6	39.02	269.5	44.37	283.7	48.04	297.8	51.89	306.3	54.57	320.5	58.65		
	122	278.0	40.82	300.1	46.49	315.9	50.39	331.7	54.48	341.2	57.33	357.0	61.67		
	118	319.8	43.70	345.2	49.91	363.4	54.17	381.5	58.65	392.4	61.77	410.6	66.53		
	115	355.9	46.32	384.2	53.02	404.4	57.51	424.6	62.44	436.8	65.82	457.0	70.96		
	110	408.2	49.12	440.7	56.35	463.8	61.32	487.0	66.55	500.9	70.20	524.1	75.78		
	106	425.0	47.61	458.9	54.62	483.0	59.44	507.2	64.51	521.7	68.05	545.8	73.45		
	103	437.3	46.45	472.1	53.29	496.9	57.98	521.8	62.93	536.6	66.38	561.5	71.66		
	99	452.0	44.92	488.0	51.54	513.7	56.08	539.3	60.87	554.7	64.21	580.4	69.31		
	95	465.7	43.40	502.7	49.79	529.2	54.18	555.7	58.80	571.5	62.03	598.0	66.96		
	93	465.7	41.91	502.7	48.06	529.2	52.29	555.7	56.73	571.5	59.84	598.0	64.58		
	91	465.7	40.49	502.7	46.42	529.2	50.49	555.7	54.77	571.5	57.76	598.0	62.33		
	87	465.7	37.85	502.7	43.36	529.2	47.14	555.7	51.12	571.5	53.90	598.0	58.14		
	82	465.7	34.80	502.7	39.83	529.2	43.29	555.7	46.92	571.5	49.46	598.0	53.33		
	75	465.7	31.00	502.7	35.45	529.2	38.50	555.7	41.71	571.5	43.96	598.0	47.37		
	72	465.7	29.47	502.7	33.69	529.2	36.58	555.7	39.63	571.5	41.75	598.0	44.99		
	70	465.7	28.51	502.7	32.59	529.2	35.38	555.7	38.32	571.5	40.38	598.0	43.50		
	68	465.7	27.58	502.7	31.51	529.2	34.21	555.7	37.05	571.5	39.03	598.0	42.05		
	65	465.7	26.90	502.7	30.74	529.2	33.36	555.7	36.13	571.5	38.06	598.0	40.99		
	62	465.7	26.35	502.7	30.09	529.2	32.66	555.7	35.37	571.5	37.25	598.0	40.12		
	58	465.7	25.68	502.7	29.32	529.2	31.82	555.7	34.45	571.5	36.28	598.0	39.07		
	54	465.7	25.14	502.7	28.70	529.2	31.14	555.7	33.71	571.5	35.50	598.0	38.22		
	50	465.7	24.57	502.7	28.05	529.2	30.43	555.7	32.93	571.5	34.68	598.0	37.34		
	40	465.7	23.94	502.7	27.31	529.2	29.63	555.7	32.06	571.5	33.76	598.0	36.34		
	30	465.7	23.40	502.7	26.69	529.2	28.95	555.7	31.32	571.5	32.98	598.0	35.50		
	23	465.7	23.02	502.7	26.26	529.2	28.48	555.7	30.81	571.5	32.44	598.0	34.92		
	15	465.7	22.61	502.7	25.79	529.2	27.97	555.7	30.26	571.5	31.86	598.0	34.29		
	5	465.7	22.20	502.7	25.33	529.2	27.47	555.7	29.72	571.5	31.29	598.0	33.68		
130	125	255.6	39.57	275.9	45.00	290.4	48.72	304.9	52.63	313.6	55.34	325.1	58.93		
	122	284.6	41.39	307.3	47.15	323.5	51.11	339.6	55.26	349.3	58.15	362.1	61.96		
	118	327.4	44.32	353.4	50.62	372.0	54.94	390.6	59.48	401.8	62.65	416.5	66.85		
	115	364.3	46.98	393.3	53.77	414.1	58.32	434.8	63.33	447.2	66.75	463.5	71.29		
	110	417.9	49.81	451.1	57.15	474.9	62.19	498.6	67.49	512.9	71.20	531.6	76.14		
	106	435.2	48.29	469.8	55.40	494.5	60.28	519.3	65.42	534.1	69.01	553.6	73.80		
	103	447.7	47.10	483.3	54.04	508.7	58.80	534.2	63.82	549.4	67.32	569.5	72.00		
	99	462.8	45.56	499.6	52.27	525.9	56.88	552.2	61.73	567.9	65.12	588.7	69.64		
	95	476.8	44.02	514.7	50.50	541.8	54.95	568.9	59.64	585.1	62.91	606.5	67.28		
	93	476.8	42.50	514.7	48.74	541.8	53.03	568.9	57.54	585.1	60.69	606.5	64.89		
	91	476.8	41.07	514.7	47.08	541.8	51.20	568.9	55.55	585.1	58.58	606.5	62.62		
	87	476.8	38.39	514.7	43.97	541.8	47.81	568.9	51.84	585.1	54.66	606.5	58.41		
	82	476.8	35.29	514.7	40.40	541.8	43.90	568.9	47.59	585.1	50.16	606.5	53.58		
	75	476.8	31.46	514.7	35.95	541.8	39.05	568.9	42.31	585.1	44.58	606.5	47.60		
	72	476.8	29.89	514.7	34.16	541.8	37.10	568.9	40.19	585.1	42.34	606.5	45.20		
	70	476.8	28.92	514.7	33.05	541.8	35.88	568.9	38.87	585.1	40.95	606.5	43.71		
	68	476.8	27.97	514.7	31.96	541.8	34.70	568.9	37.58	585.1	39.59	606.5	42.25		
	65	476.8	27.29	514.7	31.17	541.8	33.84	568.9	36.64	585.1	38.60	606.5	41.19		
	62	476.8	26.72	514.7	30.52	541.8	33.13	568.9	35.87	585.1	37.78	606.5	40.31		
	58	476.8	26.04	514.7	29.74	541.8	32.27	568.9	34.94	585.1	36.80	606.5	39.26		
	54	476.8	25.49	514.7	29.10	541.8	31.58	568.9	34.18	585.1	36.00	606.5	38.40		
	50	476.8	24.92	514.7	28.44	541.8	30.86	568.9	33.40	585.1	35.17	606.5	37.52		
	40	476.8	24.28	514.7	27.70	541.8	30.05	568.9	32.52	585.1	34.24	606.5	36.51		
	30	476.8	23.73	514.7	27.07	541.8	29.36	568.9	31.77	585.1	33.44	606.5	35.66		
	23	476.8	23.35	514.7	26.63	541.8	28.88	568.9	31.25	585.1	32.90	606.5	35.09		
	15	476.8	22.93	514.7	26.15	541.8	28.36	568.9	30.69	585.1	32.31	606.5	34.45		
	5	476.8	22.52	514.7	25.69	541.8	27.86	568.9	30.14	585.1	31.73	606.5	33.84		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
90	125	213.9	32.74	231.0	37.23	243.1	40.31	255.3	43.54	262.6	45.79	274.7	49.21		
	122	238.3	34.25	257.3	39.01	270.8	42.28	284.3	45.72	292.5	48.11	306.0	51.75		
	118	274.1	36.67	295.9	41.88	311.5	45.45	327.0	49.21	336.4	51.83	351.9	55.83		
	115	305.0	38.87	329.3	44.49	346.6	48.25	364.0	52.39	374.4	55.22	391.7	59.54		
	110	349.9	41.21	377.7	47.28	397.6	51.45	417.5	55.84	429.4	58.91	449.3	63.59		
	106	364.3	39.95	393.3	45.83	414.0	49.87	434.7	54.13	447.1	57.10	467.8	61.63		
	103	374.8	38.97	404.6	44.71	425.9	48.65	447.2	52.80	460.0	55.70	481.3	60.13		
	99	387.4	37.70	418.3	43.25	440.3	47.06	462.3	51.07	475.5	53.88	497.5	58.16		
	95	399.2	36.42	430.9	41.78	453.6	45.46	476.3	49.34	489.9	52.05	512.6	56.19		
	93	399.2	35.17	430.9	40.33	453.6	43.87	476.3	47.60	489.9	50.21	512.6	54.19		
	91	399.2	33.98	430.9	38.95	453.6	42.36	476.3	45.96	489.9	48.47	512.6	52.30		
	87	399.2	31.76	430.9	36.38	453.6	39.56	476.3	42.89	489.9	45.23	512.6	48.78		
	82	399.2	29.20	430.9	33.42	453.6	36.32	476.3	39.37	489.9	41.50	512.6	44.75		
	75	399.2	26.01	430.9	29.74	453.6	32.31	476.3	35.00	489.9	36.88	512.6	39.75		
	72	399.2	24.73	430.9	28.27	453.6	30.70	476.3	33.25	489.9	35.03	512.6	37.75		
	70	399.2	23.92	430.9	27.34	453.6	29.69	476.3	32.16	489.9	33.88	512.6	36.50		
	68	399.2	23.14	430.9	26.44	453.6	28.71	476.3	31.09	489.9	32.75	512.6	35.29		
	65	399.2	22.58	430.9	25.79	453.6	28.00	476.3	30.32	489.9	31.93	512.6	34.40		
	62	399.2	22.11	430.9	25.25	453.6	27.41	476.3	29.68	489.9	31.26	512.6	33.67		
	58	399.2	21.55	430.9	24.60	453.6	26.70	476.3	28.91	489.9	30.44	512.6	32.78		
	54	399.2	21.09	430.9	24.08	453.6	26.13	476.3	28.28	489.9	29.78	512.6	32.07		
	50	399.2	20.62	430.9	23.53	453.6	25.53	476.3	27.63	489.9	29.10	512.6	31.33		
	40	399.2	20.09	430.9	22.92	453.6	24.86	476.3	26.90	489.9	28.33	512.6	30.49		
	30	399.2	19.63	430.9	22.39	453.6	24.29	476.3	26.28	489.9	27.67	512.6	29.78		
	23	399.2	19.32	430.9	22.03	453.6	23.90	476.3	25.86	489.9	27.22	512.6	29.30		
	15	399.2	18.97	430.9	21.64	453.6	23.47	476.3	25.39	489.9	26.73	512.6	28.77		
	5	399.2	18.63	430.9	21.25	453.6	23.05	476.3	24.94	489.9	26.25	512.6	28.26		
80	125	190.2	27.99	205.3	31.83	216.1	34.46	226.9	37.23	233.4	39.15	244.2	42.07		
	122	211.8	29.28	228.7	33.36	240.7	36.15	252.7	39.09	260.0	41.13	272.0	44.24		
	118	243.6	31.35	263.0	35.81	276.9	38.86	290.7	42.08	299.0	44.32	312.8	47.73		
	115	271.1	33.23	292.7	38.03	308.1	41.26	323.5	44.80	332.8	47.22	348.2	50.91		
	110	311.0	35.24	335.7	40.43	353.4	43.99	371.1	47.74	381.7	50.36	399.3	54.36		
	106	323.8	34.16	349.6	39.19	368.0	42.64	386.4	46.28	397.4	48.82	415.8	52.70		
	103	333.2	33.32	359.7	38.23	378.6	41.60	397.5	45.14	408.9	47.62	427.8	51.41		
	99	344.4	32.23	371.8	36.98	391.4	40.23	410.9	43.67	422.7	46.06	442.2	49.72		
	95	354.8	31.14	383.0	35.72	403.2	38.87	423.4	42.19	435.4	44.50	455.6	48.04		
	93	354.8	30.07	383.0	34.48	403.2	37.51	423.4	40.70	435.4	42.93	455.6	46.33		
	91	354.8	29.05	383.0	33.30	403.2	36.22	423.4	39.29	435.4	41.44	455.6	44.71		
	87	354.8	27.15	383.0	31.11	403.2	33.82	423.4	36.67	435.4	38.67	455.6	41.71		
	82	354.8	24.97	383.0	28.58	403.2	31.05	423.4	33.66	435.4	35.48	455.6	38.26		
	75	354.8	22.24	383.0	25.43	403.2	27.62	423.4	29.93	435.4	31.53	455.6	33.99		
	72	354.8	21.14	383.0	24.17	403.2	26.24	423.4	28.43	435.4	29.95	455.6	32.28		
	70	354.8	20.45	383.0	23.38	403.2	25.38	423.4	27.49	435.4	28.97	455.6	31.21		
	68	354.8	19.78	383.0	22.61	403.2	24.55	423.4	26.58	435.4	28.00	455.6	30.17		
	65	354.8	19.30	383.0	22.05	403.2	23.94	423.4	25.92	435.4	27.30	455.6	29.41		
	62	354.8	18.90	383.0	21.59	403.2	23.43	423.4	25.37	435.4	26.72	455.6	28.78		
	58	354.8	18.42	383.0	21.04	403.2	22.83	423.4	24.71	435.4	26.03	455.6	28.03		
	54	354.8	18.03	383.0	20.59	403.2	22.34	423.4	24.18	435.4	25.46	455.6	27.42		
	50	354.8	17.63	383.0	20.12	403.2	21.83	423.4	23.63	435.4	24.88	455.6	26.79		
	40	354.8	17.18	383.0	19.60	403.2	21.26	423.4	23.00	435.4	24.22	455.6	26.07		
	30	354.8	16.78	383.0	19.15	403.2	20.77	423.4	22.47	435.4	23.66	455.6	25.47		
	23	354.8	16.51	383.0	18.84	403.2	20.43	423.4	22.11	435.4	23.27	455.6	25.05		
	15	354.8	16.22	383.0	18.50	403.2	20.06	423.4	21.71	435.4	22.85	455.6	24.60		
	5	354.8	15.93	383.0	18.17	403.2	19.71	423.4	21.32	435.4	22.45	455.6	24.16		
70	125	166.4	23.59	179.6	26.83	189.1	29.05	198.6	31.38	204.2	33.00	213.7	35.46		
	122	185.3	24.68	200.1	28.11	210.6	30.47	221.2	32.94	227.5	34.67	238.0	37.29		
	118	213.2	26.43	230.1	30.18	242.3	32.76	254.4	35.46	261.6	37.35	273.7	40.23		
	115	237.2	28.01	256.1	32.06	269.6	34.77	283.1	37.76	291.2	39.80	304.7	42.91		
	110	272.1	29.70	293.8	34.07	309.2	37.08	324.7	40.24	334.0	42.45	349.4	45.82		
	106	283.4	28.79	305.9	33.03	322.0	35.94	338.1	39.00	347.8	41.15	363.9	44.42		
	103	291.5	28.08	314.7	32.22	331.3	35.06	347.8	38.05	357.8	40.14	374.3	43.33		
	99	301.3	27.16	325.3	31.17	342.4	33.91	359.6	36.80	369.8	38.83	386.9	41.91		
	95	310.5	26.24	335.2	30.11	352.8	32.76	370.4	35.56	381.0	37.51	398.7	40.49		
	93	310.5	25.34	335.2	29.06	352.8	31.62	370.4	34.31	381.0	36.18	398.7	39.05		
	91	310.5	24.48	335.2	28.07	352.8	30.53	370.4	33.12	381.0	34.93	398.7	37.69		
	87	310.5	22.89	335.2	26.22	352.8	28.50	370.4	30.91	381.0	32.59	398.7	35.15		
	82	310.5	21.04	335.2	24.09	352.8	26.17	370.4	28.37	381.0	29.91	398.7	32.25		
	75	310.5	18.74	335.2	21.43	352.8	23.28	370.4	25.22	381.0	26.58	398.7	28.64		
	72	310.5	17.82	335.2	20.37	352.8	22.12	370.4	23.96	381.0	25.25	398.7	27.20		
	70	310.5	17.24	335.2	19.70	352.8	21.40	370.4	23.17	381.0	24.41	398.7	26.30		
	68	310.5	16.68	335.2	19.06	352.8	20.69	370.4	22.41	381.0	23.60	398.7	25.43		
	65	310.5	16.27	335.2	18.59	352.8	20.17	370.4	21.85	381.0	23.01	398.7	24.79		
	62	310.5	15.93	335.2	18.20	352.8	19.75	370.4	21.39	381.0	22.52	398.7	24.26		
	58	310.5	15.53	335.2	17.73	352.8	19.24	370.4	20.83	381.0	21.94	398.7	23.63		
	54	310.5	15.20	335.2	17.35	352.8	18.83	370.4	20.38	381.0	21.46	398.7	23.11		
	50	310.5	14.86	335.2	16.96	352.8	18.40	370.4	19.91	381.0	20.97	398.7	22.58		
	40	310.5	14.48	335.2	16.52	352.8	17.92	370.4	19.39	381.0	20.41	398.7	21.98		
	30	310.5	14.15	335.2	16.14	352.8	17.50	370.4	18.94	381.0	19.94	398.7	21.46		
	23	310.5	13.92	335.2	15.88	352.8	17.22	370.4	18.63	381.0	19.62	398.7	21.12		
	15	310.5	13.67	335.2	15.59	352.8	16.91	370.4	18.30	381.0	19.26	398.7	20.73		
	5	310.5	13.43	335.2	15.31	352.8	16.61	370.4	17.97	381.0	18.92	398.7	20.36		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as

High Heating Model

COOLING (°F)

MMY-MUP072H1FT6PUL/MMY-MUP072H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	33.9	3.67	36.7	4.20	38.6	4.55	40.5	4.93	41.6	5.19	43.6	5.59
	122	37.8	3.85	40.8	4.41	43.0	4.79	45.1	5.19	46.4	5.47	48.5	5.90
	118	43.5	4.14	47.0	4.75	49.4	5.17	51.9	5.62	53.4	5.93	55.8	6.41
	115	48.4	4.40	52.3	5.07	55.0	5.43	57.8	6.01	59.4	6.35	62.1	6.87
	110	55.5	4.69	60.0	5.42	63.1	5.92	66.3	6.45	68.1	6.82	71.3	7.39
	106	57.8	4.54	62.4	5.25	65.7	5.74	69.0	6.25	70.9	6.61	74.2	7.16
	103	59.4	4.43	64.2	5.12	67.6	5.60	71.0	6.10	73.0	6.44	76.3	6.99
	99	61.4	4.29	66.4	4.96	69.9	5.41	73.4	5.90	75.4	6.23	78.9	6.76
	95	63.3	4.14	68.4	4.79	72.0	5.23	75.6	5.70	77.7	6.02	81.3	6.53
	93	63.3	4.00	68.4	4.62	72.0	5.04	75.6	5.49	77.7	5.80	81.3	6.29
	91	63.3	3.86	68.4	4.45	72.0	4.86	75.6	5.30	77.7	5.60	81.3	6.06
	87	63.3	3.60	68.4	4.15	72.0	4.53	75.6	4.93	77.7	5.21	81.3	5.64
	82	63.3	3.31	68.4	3.81	72.0	4.15	75.6	4.52	77.7	4.77	81.3	5.17
	75	63.3	2.94	68.4	3.38	72.0	3.69	75.6	4.01	77.7	4.23	81.3	4.58
	72	63.3	2.79	68.4	3.21	72.0	3.50	75.6	3.81	77.7	4.02	81.3	4.34
	70	63.3	2.70	68.4	3.11	72.0	3.39	75.6	3.68	77.7	3.88	81.3	4.20
	68	63.3	2.61	68.4	3.00	72.0	3.27	75.6	3.56	77.7	3.75	81.3	4.06
	65	63.3	2.55	68.4	2.93	72.0	3.19	75.6	3.46	77.7	3.65	81.3	3.95
	62	63.3	2.49	68.4	2.87	72.0	3.12	75.6	3.39	77.7	3.58	81.3	3.86
	58	63.3	2.43	68.4	2.79	72.0	3.04	75.6	3.30	77.7	3.48	81.3	3.76
	54	63.3	2.38	68.4	2.73	72.0	2.97	75.6	3.23	77.7	3.40	81.3	3.68
	50	63.3	2.32	68.4	2.67	72.0	2.90	75.6	3.15	77.7	3.32	81.3	3.59
	40	63.3	2.26	68.4	2.60	72.0	2.82	75.6	3.07	77.7	3.23	81.3	3.49
	30	63.3	2.21	68.4	2.54	72.0	2.76	75.6	2.99	77.7	3.16	81.3	3.41
	23	63.3	2.17	68.4	2.49	72.0	2.71	75.6	2.95	77.7	3.10	81.3	3.35
	15	63.3	2.14	68.4	2.45	72.0	2.66	75.6	2.89	77.7	3.05	81.3	3.29
	5	63.3	2.10	68.4	2.41	72.0	2.62	75.6	2.84	77.7	2.99	81.3	3.23
110	125	34.6	3.71	37.4	4.24	39.4	4.60	41.3	4.98	42.5	5.24	44.4	5.65
	122	38.5	3.89	41.7	4.45	43.8	4.84	46.0	5.25	47.3	5.53	49.5	5.96
	118	44.3	4.18	47.9	4.80	50.4	5.23	52.9	5.68	54.4	5.99	56.9	6.47
	115	49.3	4.44	53.3	5.12	56.1	5.48	58.9	6.08	60.6	6.41	63.4	6.94
	110	56.6	4.73	61.2	5.47	64.4	5.98	67.6	6.52	69.5	6.89	72.7	7.46
	106	58.9	4.59	63.7	5.30	67.0	5.80	70.4	6.32	72.3	6.67	75.7	7.23
	103	60.6	4.48	65.5	5.17	69.0	5.65	72.4	6.16	74.4	6.51	77.9	7.06
	99	62.7	4.33	67.7	5.01	71.3	5.47	74.8	5.96	76.9	6.30	80.5	6.83
	95	64.6	4.18	69.8	4.84	73.4	5.28	77.1	5.76	79.3	6.08	82.9	6.60
	93	64.6	4.04	69.8	4.66	73.4	5.09	77.1	5.55	79.3	5.86	82.9	6.35
	91	64.6	3.90	69.8	4.50	73.4	4.91	77.1	5.35	79.3	5.65	82.9	6.12
	87	64.6	3.64	69.8	4.20	73.4	4.58	77.1	4.99	79.3	5.26	82.9	5.70
	82	64.6	3.34	69.8	3.85	73.4	4.20	77.1	4.57	79.3	4.82	82.9	5.22
	75	64.6	2.97	69.8	3.42	73.4	3.73	77.1	4.05	79.3	4.27	82.9	4.62
	72	64.6	2.82	69.8	3.25	73.4	3.54	77.1	3.84	79.3	4.06	82.9	4.39
	70	64.6	2.73	69.8	3.14	73.4	3.42	77.1	3.72	79.3	3.92	82.9	4.24
	68	64.6	2.64	69.8	3.03	73.4	3.31	77.1	3.59	79.3	3.79	82.9	4.10
	65	64.6	2.57	69.8	2.96	73.4	3.22	77.1	3.50	79.3	3.69	82.9	3.99
	62	64.6	2.52	69.8	2.90	73.4	3.15	77.1	3.42	79.3	3.61	82.9	3.90
	58	64.6	2.45	69.8	2.82	73.4	3.07	77.1	3.33	79.3	3.52	82.9	3.80
	54	64.6	2.40	69.8	2.76	73.4	3.00	77.1	3.26	79.3	3.44	82.9	3.71
	50	64.6	2.35	69.8	2.69	73.4	2.93	77.1	3.18	79.3	3.36	82.9	3.63
	40	64.6	2.29	69.8	2.62	73.4	2.85	77.1	3.10	79.3	3.27	82.9	3.53
	30	64.6	2.23	69.8	2.56	73.4	2.79	77.1	3.03	79.3	3.19	82.9	3.44
	23	64.6	2.20	69.8	2.52	73.4	2.74	77.1	2.98	79.3	3.14	82.9	3.39
	15	64.6	2.16	69.8	2.47	73.4	2.69	77.1	2.92	79.3	3.08	82.9	3.33
	5	64.6	2.12	69.8	2.43	73.4	2.64	77.1	2.87	79.3	3.02	82.9	3.27
120	125	35.6	3.78	38.5	4.32	40.5	4.69	42.5	5.08	43.7	5.35	45.8	5.76
	122	39.7	3.97	42.9	4.54	45.1	4.93	47.4	5.35	48.7	5.64	51.0	6.08
	118	45.6	4.26	49.3	4.90	51.9	5.33	54.5	5.79	56.0	6.11	58.6	6.60
	115	50.8	4.53	54.9	5.22	57.8	5.59	60.7	6.19	62.3	6.54	65.2	7.08
	110	58.3	4.83	63.0	5.58	66.3	6.10	69.6	6.64	71.5	7.02	74.8	7.61
	106	60.7	4.68	65.6	5.41	69.0	5.91	72.5	6.44	74.5	6.80	77.9	7.38
	103	62.4	4.56	67.4	5.28	71.0	5.76	74.5	6.28	76.6	6.64	80.2	7.20
	99	64.5	4.41	69.7	5.10	73.4	5.58	77.0	6.08	79.2	6.42	82.9	6.96
	95	66.5	4.27	71.8	4.93	75.6	5.39	79.4	5.87	81.6	6.20	85.4	6.72
	93	66.5	4.12	71.8	4.75	75.6	5.19	79.4	5.66	81.6	5.98	85.4	6.48
	91	66.5	3.97	71.8	4.59	75.6	5.01	79.4	5.46	81.6	5.76	85.4	6.24
	87	66.5	3.71	71.8	4.28	75.6	4.67	79.4	5.08	81.6	5.37	85.4	5.81
	82	66.5	3.40	71.8	3.92	75.6	4.28	79.4	4.66	81.6	4.92	85.4	5.32
	75	66.5	3.03	71.8	3.49	75.6	3.80	79.4	4.13	81.6	4.36	85.4	4.71
	72	66.5	2.88	71.8	3.31	75.6	3.61	79.4	3.92	81.6	4.14	85.4	4.47
	70	66.5	2.78	71.8	3.20	75.6	3.49	79.4	3.79	81.6	4.00	85.4	4.32
	68	66.5	2.69	71.8	3.09	75.6	3.37	79.4	3.66	81.6	3.86	85.4	4.18
	65	66.5	2.62	71.8	3.02	75.6	3.28	79.4	3.57	81.6	3.76	85.4	4.07
	62	66.5	2.57	71.8	2.95	75.6	3.21	79.4	3.49	81.6	3.68	85.4	3.98
	58	66.5	2.50	71.8	2.87	75.6	3.13	79.4	3.40	81.6	3.58	85.4	3.87
	54	66.5	2.45	71.8	2.81	75.6	3.06	79.4	3.32	81.6	3.51	85.4	3.79
	50	66.5	2.39	71.8	2.75	75.6	2.99	79.4	3.25	81.6	3.42	85.4	3.70
	40	66.5	2.33	71.8	2.67	75.6	2.91	79.4	3.16	81.6	3.33	85.4	3.60
	30	66.5	2.28	71.8	2.61	75.6	2.84	79.4	3.08	81.6	3.25	85.4	3.51
	23	66.5	2.24	71.8	2.57	75.6	2.80	79.4	3.03	81.6	3.20	85.4	3.45
	15	66.5	2.20	71.8	2.52	75.6	2.74	79.4	2.98	81.6	3.14	85.4	3.39
	5	66.5	2.16	71.8	2.48	75.6	2.70	79.4	2.93	81.6	3.08	85.4	3.33
130	125	36.5	3.84	39.4	4.38	41.5	4.76	43.6	5.15	44.8	5.42	46.4	5.79
	122	40.6	4.02	43.9	4.60	46.2	5.00	48.5	5.43	49.9	5.72	51.7	6.11
	118	46.7	4.32	50.5	4.96	53.1	5.41	55.8	5.87	57.4	6.19	59.5	6.63
	115	52.0	4.60	56.2	5.30	59.2	5.67	62.1	6.28	63.8	6.63	66.2	7.11
	110	59.6	4.90	64.4	5.66	67.8	6.18	71.2	6.74	73.2	7.12	75.9	7.65
	106	62.1	4.75	67.1	5.49	70.6	5.99	74.2	6.53	76.2	6.90	79.0	7.41
	103	63.9	4.63	69.0	5.35	72.7	5.85	76.3	6.37	78.4	6.73	81.3	7.23
	99	66.0	4.48	71.4	5.18	75.1	5.66	78.9	6.16	81.1	6.51	84.0	6.99
	95	68.0	4.33	73.5	5.00	77.4	5.46	81.3	5.95	83.5	6.29	86.6	6.76
	93	68.0	4.17	73.5	4.82	77.4	5.27	81.3	5.74	83.5	6.06	86.6	6.51
	91	68.0	4.03	73.5	4.65	77.4	5.08	81.3	5.53	83.5	5.85	86.6	6.27
	87	68.0	3.76	73.5	4.34	77.4	4.74	81.3	5.16	83.5	5.44	86.6	5.84
	82	68.0	3.45	73.5	3.98	77.4	4.34	81.3	4.72	83.5	4.99	86.6	5.35
	75	68.0	3.07	73.5	3.53	77.4	3.85	81.3	4.19	83.5	4.42	86.6	4.74
	72	68.0	2.92	73.5	3.36	77.4	3.66	81.3	3.98	83.5	4.20	86.6	4.49
	70	68.0	2.82	73.5	3.25	77.4	3.54	81.3	3.84	83.5	4.05	86.6	4.34
	68	68.0	2.73	73.5	3.14	77.4	3.42	81.3	3.71	83.5	3.92	86.6	4.20
	65	68.0	2.66	73.5	3.06	77.4	3.33	81.3	3.62	83.5	3.82	86.6	4.09
	62	68.0	2.61	73.5	2.99	77.4	3.26	81.3	3.54	83.5	3.74	86.6	4.00
	58	68.0	2.54	73.5	2.92	77.4	3.17	81.3	3.45	83.5	3.64	86.6	3.89
	54	68.0	2.48	73.5	2.85	77.4	3.10	81.3	3.37	83.5	3.56	86.6	3.81
	50	68.0	2.43	73.5	2.79	77.4	3.03	81.3	3.29	83.5	3.47	86.6	3.72
	40	68.0	2.36	73.5	2.71	77.4	2.95	81.3	3.20	83.5	3.38	86.6	3.61
	30	68.0	2.31	73.5	2.65	77.4	2.88	81.3	3.13	83.5	3.30	86.6	3.53
	23	68.0	2.27	73.5	2.61	77.4	2.84	81.3	3.08	83.5	3.24	86.6	3.47
	15	68.0	2.23	73.5	2.56	77.4	2.78	81.3	3.02	83.5	3.18	86.6	3.41
	5	68.0	2.19	73.5	2.51	77.4	2.73	81.3	2.97	83.5	3.13	86.6	3.35

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	30.5	3.18	33.0	3.63	34.7	3.94	36.5	4.26	37.5	4.49	39.2	4.83
	122	34.0	3.33	36.8	3.81	38.7	4.14	40.6	4.49	41.7	4.73	43.7	5.10
	118	39.1	3.57	42.3	4.11	44.5	4.47	46.7	4.86	48.0	5.12	50.2	5.54
	115	43.5	3.80	47.0	4.38	49.5	4.69	52.0	5.20	53.4	5.49	55.9	5.94
	110	49.9	4.05	54.0	4.68	56.8	5.12	59.6	5.57	61.3	5.89	64.1	6.38
	106	52.0	3.93	56.2	4.54	59.1	4.96	62.1	5.40	63.8	5.71	66.8	6.19
	103	53.5	3.83	57.8	4.43	60.8	4.84	63.9	5.27	65.7	5.57	68.7	6.04
	99	55.3	3.70	59.8	4.28	62.9	4.68	66.0	5.10	67.9	5.39	71.0	5.84
	95	57.0	3.58	61.6	4.14	64.8	4.52	68.0	4.93	69.9	5.21	73.2	5.64
	93	57.0	3.45	61.6	3.99	64.8	4.36	68.0	4.75	69.9	5.02	73.2	5.44
	91	57.0	3.33	61.6	3.85	64.8	4.20	68.0	4.58	69.9	4.84	73.2	5.24
	87	57.0	3.11	61.6	3.59	64.8	3.92	68.0	4.27	69.9	4.50	73.2	4.88
	82	57.0	2.86	61.6	3.29	64.8	3.59	68.0	3.91	69.9	4.12	73.2	4.46
	75	57.0	2.54	61.6	2.92	64.8	3.19	68.0	3.47	69.9	3.66	73.2	3.96
	72	57.0	2.41	61.6	2.78	64.8	3.03	68.0	3.29	69.9	3.47	73.2	3.75
	70	57.0	2.33	61.6	2.69	64.8	2.93	68.0	3.18	69.9	3.35	73.2	3.63
	68	57.0	2.26	61.6	2.60	64.8	2.83	68.0	3.07	69.9	3.24	73.2	3.51
	65	57.0	2.20	61.6	2.53	64.8	2.76	68.0	2.99	69.9	3.16	73.2	3.41
	62	57.0	2.16	61.6	2.48	64.8	2.70	68.0	2.93	69.9	3.09	73.2	3.34
	58	57.0	2.10	61.6	2.41	64.8	2.63	68.0	2.85	69.9	3.01	73.2	3.25
	54	57.0	2.06	61.6	2.36	64.8	2.57	68.0	2.79	69.9	2.94	73.2	3.18
	50	57.0	2.01	61.6	2.31	64.8	2.51	68.0	2.72	69.9	2.87	73.2	3.10
	40	57.0	1.96	61.6	2.24	64.8	2.44	68.0	2.65	69.9	2.79	73.2	3.02
	30	57.0	1.91	61.6	2.19	64.8	2.38	68.0	2.59	69.9	2.73	73.2	2.95
	23	57.0	1.88	61.6	2.16	64.8	2.35	68.0	2.55	69.9	2.68	73.2	2.90
	15	57.0	1.85	61.6	2.12	64.8	2.30	68.0	2.50	69.9	2.64	73.2	2.85
	5	57.0	1.81	61.6	2.08	64.8	2.26	68.0	2.46	69.9	2.59	73.2	2.79
80	125	27.1	2.71	29.3	3.10	30.9	3.36	32.4	3.64	33.3	3.84	34.9	4.13
	122	30.2	2.85	32.7	3.26	34.4	3.54	36.1	3.84	37.1	4.04	38.8	4.36
	118	34.8	3.06	37.6	3.51	39.6	3.82	41.5	4.15	42.7	4.38	44.7	4.73
	115	38.7	3.25	41.8	3.75	44.0	4.01	46.2	4.44	47.5	4.69	49.7	5.08
	110	44.4	3.46	48.0	4.00	50.5	4.37	53.0	4.77	54.5	5.04	57.0	5.46
	106	46.2	3.36	49.9	3.88	52.6	4.24	55.2	4.62	56.7	4.88	59.4	5.29
	103	47.6	3.27	51.4	3.79	54.1	4.14	56.8	4.51	58.4	4.76	61.1	5.16
	99	49.2	3.17	53.1	3.66	55.9	4.00	58.7	4.36	60.3	4.61	63.1	4.99
	95	50.6	3.06	54.7	3.54	57.6	3.86	60.5	4.21	62.2	4.45	65.0	4.82
	93	50.6	2.95	54.7	3.41	57.6	3.73	60.5	4.06	62.2	4.29	65.0	4.65
	91	50.6	2.85	54.7	3.29	57.6	3.59	60.5	3.91	62.2	4.14	65.0	4.48
	87	50.6	2.66	54.7	3.07	57.6	3.35	60.5	3.65	62.2	3.85	65.0	4.17
	82	50.6	2.44	54.7	2.82	57.6	3.07	60.5	3.34	62.2	3.53	65.0	3.82
	75	50.6	2.17	54.7	2.50	57.6	2.73	60.5	2.96	62.2	3.13	65.0	3.38
	72	50.6	2.06	54.7	2.37	57.6	2.59	60.5	2.81	62.2	2.97	65.0	3.21
	70	50.6	2.00	54.7	2.30	57.6	2.50	60.5	2.72	62.2	2.87	65.0	3.10
	68	50.6	1.93	54.7	2.22	57.6	2.42	60.5	2.63	62.2	2.77	65.0	3.00
	65	50.6	1.88	54.7	2.16	57.6	2.36	60.5	2.56	62.2	2.70	65.0	2.92
	62	50.6	1.84	54.7	2.12	57.6	2.31	60.5	2.51	62.2	2.64	65.0	2.86
	58	50.6	1.80	54.7	2.06	57.6	2.25	60.5	2.44	62.2	2.57	65.0	2.78
	54	50.6	1.76	54.7	2.02	57.6	2.20	60.5	2.38	62.2	2.51	65.0	2.72
	50	50.6	1.72	54.7	1.97	57.6	2.15	60.5	2.33	62.2	2.46	65.0	2.65
	40	50.6	1.67	54.7	1.92	57.6	2.09	60.5	2.27	62.2	2.39	65.0	2.58
	30	50.6	1.63	54.7	1.87	57.6	2.04	60.5	2.21	62.2	2.33	65.0	2.52
	23	50.6	1.61	54.7	1.84	57.6	2.01	60.5	2.18	62.2	2.29	65.0	2.48
	15	50.6	1.58	54.7	1.81	57.6	1.97	60.5	2.14	62.2	2.25	65.0	2.43
	5	50.6	1.55	54.7	1.78	57.6	1.93	60.5	2.10	62.2	2.21	65.0	2.39
70	125	23.8	2.29	25.7	2.61	27.0	2.84	28.4	3.07	29.2	3.23	30.5	3.48
	122	26.5	2.40	28.6	2.75	30.1	2.98	31.6	3.24	32.5	3.41	34.0	3.68
	118	30.4	2.58	32.9	2.96	34.6	3.22	36.3	3.50	37.3	3.69	39.1	3.99
	115	33.9	2.74	36.6	3.16	38.5	3.38	40.4	3.75	41.6	3.95	43.5	4.28
	110	38.8	2.92	42.0	3.37	44.2	3.69	46.4	4.02	47.7	4.24	49.9	4.60
	106	40.4	2.83	43.7	3.27	46.0	3.57	48.3	3.89	49.6	4.11	51.9	4.46
	103	41.6	2.76	45.0	3.19	47.3	3.49	49.7	3.80	51.1	4.01	53.4	4.35
	99	43.0	2.67	46.5	3.09	48.9	3.37	51.4	3.67	52.8	3.88	55.2	4.21
	95	44.3	2.58	47.9	2.98	50.4	3.26	52.9	3.55	54.4	3.75	56.9	4.07
	93	44.3	2.49	47.9	2.88	50.4	3.14	52.9	3.42	54.4	3.61	56.9	3.92
	91	44.3	2.40	47.9	2.77	50.4	3.03	52.9	3.30	54.4	3.49	56.9	3.78
	87	44.3	2.24	47.9	2.59	50.4	2.82	52.9	3.07	54.4	3.25	56.9	3.52
	82	44.3	2.06	47.9	2.37	50.4	2.59	52.9	2.82	54.4	2.97	56.9	3.22
	75	44.3	1.83	47.9	2.11	50.4	2.30	52.9	2.50	54.4	2.64	56.9	2.85
	72	44.3	1.74	47.9	2.00	50.4	2.18	52.9	2.37	54.4	2.50	56.9	2.71
	70	44.3	1.68	47.9	1.94	50.4	2.11	52.9	2.29	54.4	2.42	56.9	2.61
	68	44.3	1.63	47.9	1.87	50.4	2.04	52.9	2.21	54.4	2.34	56.9	2.53
	65	44.3	1.59	47.9	1.82	50.4	1.99	52.9	2.16	54.4	2.28	56.9	2.46
	62	44.3	1.55	47.9	1.78	50.4	1.94	52.9	2.11	54.4	2.23	56.9	2.41
	58	44.3	1.51	47.9	1.74	50.4	1.89	52.9	2.06	54.4	2.17	56.9	2.34
	54	44.3	1.48	47.9	1.70	50.4	1.85	52.9	2.01	54.4	2.12	56.9	2.29
	50	44.3	1.45	47.9	1.66	50.4	1.81	52.9	1.96	54.4	2.07	56.9	2.24
	40	44.3	1.41	47.9	1.62	50.4	1.76	52.9	1.91	54.4	2.01	56.9	2.17
	30	44.3	1.38	47.9	1.58	50.4	1.72	52.9	1.87	54.4	1.97	56.9	2.12
	23	44.3	1.35	47.9	1.55	50.4	1.69	52.9	1.83	54.4	1.93	56.9	2.09
	15	44.3	1.33	47.9	1.53	50.4	1.66	52.9	1.80	54.4	1.90	56.9	2.05
	5	44.3	1.31	47.9	1.50	50.4	1.63	52.9	1.77	54.4	1.86	56.9	2.01

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP096H1FT6PUL/MMY-MUP096H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	45.2	5.14	48.9	5.86	51.5	6.34	54.0	6.85	55.5	7.19	58.1	7.73
	122	50.4	5.38	54.4	6.14	57.3	6.65	60.2	7.19	61.8	7.56	64.7	8.13
	118	58.0	5.76	62.6	6.59	65.9	7.15	69.2	7.74	71.1	8.14	74.4	8.77
	115	64.5	6.11	69.7	7.00	73.4	7.50	77.0	8.24	79.2	8.68	82.8	9.36
	110	74.0	6.47	79.9	7.44	84.1	8.09	88.4	8.78	90.8	9.26	95.0	9.99
	106	77.0	6.28	83.2	7.21	87.6	7.84	92.0	8.51	94.6	8.97	98.9	9.68
	103	79.3	6.12	85.6	7.03	90.1	7.65	94.6	8.30	97.3	8.75	101.8	9.45
	99	81.9	5.92	88.5	6.80	93.2	7.40	97.8	8.03	100.6	8.47	105.2	9.14
	95	84.4	5.72	91.2	6.57	96.0	7.15	100.8	7.76	103.6	8.18	108.4	8.83
	93	84.4	5.52	91.2	6.34	96.0	6.90	100.8	7.49	103.6	7.89	108.4	8.51
	91	84.4	5.34	91.2	6.13	96.0	6.66	100.8	7.23	103.6	7.62	108.4	8.22
	87	84.4	4.99	91.2	5.72	96.0	6.22	100.8	6.75	103.6	7.11	108.4	7.67
	82	84.4	4.59	91.2	5.26	96.0	5.71	100.8	6.19	103.6	6.52	108.4	7.03
	75	84.4	4.09	91.2	4.68	96.0	5.08	100.8	5.50	103.6	5.80	108.4	6.25
	72	84.4	3.88	91.2	4.45	96.0	4.83	100.8	5.23	103.6	5.50	108.4	5.93
	70	84.4	3.76	91.2	4.30	96.0	4.67	100.8	5.06	103.6	5.32	108.4	5.74
	68	84.4	3.64	91.2	4.16	96.0	4.52	100.8	4.89	103.6	5.15	108.4	5.54
	65	84.4	3.55	91.2	4.06	96.0	4.40	100.8	4.77	103.6	5.02	108.4	5.40
	62	84.4	3.47	91.2	3.97	96.0	4.31	100.8	4.67	103.6	4.91	108.4	5.29
	58	84.4	3.39	91.2	3.87	96.0	4.20	100.8	4.55	103.6	4.78	108.4	5.15
	54	84.4	3.31	91.2	3.79	96.0	4.11	100.8	4.45	103.6	4.68	108.4	5.04
	50	84.4	3.24	91.2	3.70	96.0	4.02	100.8	4.35	103.6	4.57	108.4	4.92
	40	84.4	3.16	91.2	3.60	96.0	3.91	100.8	4.23	103.6	4.45	108.4	4.79
	30	84.4	3.08	91.2	3.52	96.0	3.82	100.8	4.13	103.6	4.35	108.4	4.68
	23	84.4	3.03	91.2	3.47	96.0	3.76	100.8	4.07	103.6	4.28	108.4	4.60
	15	84.4	2.98	91.2	3.40	96.0	3.69	100.8	3.99	103.6	4.20	108.4	4.52
	5	84.4	2.93	91.2	3.34	96.0	3.62	100.8	3.92	103.6	4.13	108.4	4.44
110	125	46.1	5.20	49.9	5.91	52.5	6.40	55.1	6.92	56.6	7.27	59.3	7.81
	122	51.4	5.44	55.5	6.20	58.5	6.72	61.4	7.26	63.1	7.64	66.0	8.21
	118	59.1	5.82	63.9	6.65	67.2	7.22	70.6	7.82	72.6	8.23	75.9	8.86
	115	65.8	6.17	71.1	7.07	74.8	7.58	78.6	8.32	80.8	8.77	84.5	9.45
	110	75.5	6.54	81.5	7.51	85.8	8.17	90.1	8.87	92.6	9.35	96.9	10.09
	106	78.6	6.34	84.9	7.28	89.4	7.92	93.8	8.60	96.5	9.06	100.9	9.78
	103	80.8	6.18	87.3	7.10	91.9	7.73	96.5	8.39	99.2	8.84	103.8	9.54
	99	83.6	5.98	90.3	6.87	95.0	7.48	99.8	8.11	102.6	8.55	107.3	9.23
	95	86.1	5.78	93.0	6.64	97.9	7.22	102.8	7.84	105.7	8.26	110.6	8.92
	93	86.1	5.58	93.0	6.41	97.9	6.97	102.8	7.56	105.7	7.97	110.6	8.60
	91	86.1	5.39	93.0	6.19	97.9	6.73	102.8	7.30	105.7	7.69	110.6	8.30
	87	86.1	5.04	93.0	5.78	97.9	6.28	102.8	6.82	105.7	7.18	110.6	7.74
	82	86.1	4.63	93.0	5.31	97.9	5.77	102.8	6.26	105.7	6.59	110.6	7.10
	75	86.1	4.13	93.0	4.73	97.9	5.13	102.8	5.56	105.7	5.85	110.6	6.31
	72	86.1	3.92	93.0	4.49	97.9	4.88	102.8	5.28	105.7	5.56	110.6	5.99
	70	86.1	3.80	93.0	4.34	97.9	4.72	102.8	5.11	105.7	5.38	110.6	5.79
	68	86.1	3.67	93.0	4.20	97.9	4.56	102.8	4.94	105.7	5.20	110.6	5.60
	65	86.1	3.58	93.0	4.10	97.9	4.45	102.8	4.82	105.7	5.07	110.6	5.46
	62	86.1	3.51	93.0	4.01	97.9	4.35	102.8	4.71	105.7	4.96	110.6	5.34
	58	86.1	3.42	93.0	3.91	97.9	4.24	102.8	4.59	105.7	4.83	110.6	5.20
	54	86.1	3.35	93.0	3.83	97.9	4.15	102.8	4.49	105.7	4.73	110.6	5.09
	50	86.1	3.27	93.0	3.74	97.9	4.06	102.8	4.39	105.7	4.62	110.6	4.97
	40	86.1	3.19	93.0	3.64	97.9	3.95	102.8	4.27	105.7	4.50	110.6	4.84
	30	86.1	3.12	93.0	3.56	97.9	3.86	102.8	4.18	105.7	4.39	110.6	4.73
	23	86.1	3.07	93.0	3.50	97.9	3.80	102.8	4.11	105.7	4.32	110.6	4.65
	15	86.1	3.01	93.0	3.44	97.9	3.73	102.8	4.03	105.7	4.24	110.6	4.57
	5	86.1	2.96	93.0	3.38	97.9	3.66	102.8	3.96	105.7	4.17	110.6	4.49
120	125	47.5	5.30	51.3	6.03	54.0	6.53	56.7	7.05	58.3	7.41	61.0	7.96
	122	52.9	5.54	57.2	6.32	60.2	6.85	63.2	7.41	64.9	7.79	68.0	8.38
	118	60.9	5.93	65.8	6.78	69.2	7.36	72.7	7.97	74.7	8.39	78.2	9.04
	115	67.7	6.29	73.2	7.21	77.0	7.73	80.9	8.49	83.1	8.94	87.0	9.64
	110	77.7	6.67	83.9	7.66	88.4	8.33	92.8	9.05	95.3	9.53	99.8	10.29
	106	80.9	6.46	87.4	7.42	92.0	8.08	96.6	8.77	99.3	9.24	103.9	9.98
	103	83.2	6.31	89.9	7.24	94.6	7.88	99.4	8.55	102.1	9.01	106.9	9.73
	99	86.0	6.10	92.9	7.01	97.8	7.62	102.7	8.27	105.6	8.72	110.5	9.41
	95	88.6	5.89	95.8	6.77	100.8	7.36	105.8	7.99	108.8	8.42	113.8	9.09
	93	88.6	5.69	95.8	6.53	100.8	7.11	105.8	7.71	108.8	8.13	113.8	8.77
	91	88.6	5.50	95.8	6.31	100.8	6.86	105.8	7.44	108.8	7.84	113.8	8.46
	87	88.6	5.14	95.8	5.89	100.8	6.41	105.8	6.95	108.8	7.32	113.8	7.90
	82	88.6	4.73	95.8	5.41	100.8	5.88	105.8	6.38	108.8	6.72	113.8	7.24
	75	88.6	4.21	95.8	4.82	100.8	5.23	105.8	5.67	108.8	5.97	113.8	6.43
	72	88.6	4.00	95.8	4.58	100.8	4.97	105.8	5.39	108.8	5.67	113.8	6.11
	70	88.6	3.87	95.8	4.43	100.8	4.81	105.8	5.21	108.8	5.48	113.8	5.91
	68	88.6	3.74	95.8	4.28	100.8	4.65	105.8	5.04	108.8	5.30	113.8	5.71
	65	88.6	3.65	95.8	4.18	100.8	4.54	105.8	4.91	108.8	5.17	113.8	5.57
	62	88.6	3.58	95.8	4.09	100.8	4.44	105.8	4.81	108.8	5.06	113.8	5.45
	58	88.6	3.49	95.8	3.99	100.8	4.33	105.8	4.68	108.8	4.93	113.8	5.31
	54	88.6	3.41	95.8	3.90	100.8	4.23	105.8	4.58	108.8	4.82	113.8	5.19
	50	88.6	3.34	95.8	3.81	100.8	4.14	105.8	4.48	108.8	4.71	113.8	5.07
	40	88.6	3.25	95.8	3.71	100.8	4.03	105.8	4.36	108.8	4.58	113.8	4.94
	30	88.6	3.18	95.8	3.63	100.8	3.93	105.8	4.26	108.8	4.48	113.8	4.82
	23	88.6	3.13	95.8	3.57	100.8	3.87	105.8	4.19	108.8	4.41	113.8	4.74
	15	88.6	3.07	95.8	3.51	100.8	3.80	105.8	4.11	108.8	4.33	113.8	4.66
	5	88.6	3.02	95.8	3.44	100.8	3.73	105.8	4.04	108.8	4.25	113.8	4.57
130	125	48.6	5.37	52.6	6.12	55.3	6.62	58.1	7.15	59.7	7.52	61.9	8.00
	122	54.2	5.62	58.5	6.41	61.6	6.95	64.7	7.51	66.5	7.90	68.9	8.42
	118	62.3	6.02	67.3	6.88	70.9	7.47	74.4	8.09	76.5	8.51	79.3	9.08
	115	69.3	6.38	74.9	7.31	78.9	7.84	82.8	8.61	85.1	9.06	88.2	9.68
	110	79.5	6.76	85.9	7.77	90.5	8.45	95.0	9.17	97.6	9.67	101.2	10.34
	106	82.8	6.56	89.5	7.53	94.2	8.19	98.9	8.89	101.7	9.37	105.4	10.02
	103	85.2	6.40	92.1	7.35	96.9	7.99	101.7	8.67	104.6	9.14	108.4	9.78
	99	88.1	6.19	95.2	7.11	100.2	7.73	105.2	8.39	108.1	8.84	112.1	9.46
	95	90.7	5.98	98.0	6.86	103.2	7.47	108.4	8.11	111.4	8.54	115.4	9.14
	93	90.7	5.77	98.0	6.63	103.2	7.21	108.4	7.82	111.4	8.24	115.4	8.81
	91	90.7	5.58	98.0	6.40	103.2	6.96	108.4	7.55	111.4	7.96	115.4	8.50
	87	90.7	5.21	98.0	5.98	103.2	6.50	108.4	7.05	111.4	7.42	115.4	7.93
	82	90.7	4.79	98.0	5.49	103.2	5.97	108.4	6.47	111.4	6.81	115.4	7.28
	75	90.7	4.27	98.0	4.89	103.2	5.31	108.4	5.75	111.4	6.05	115.4	6.46
	72	90.7	4.06	98.0	4.64	103.2	5.04	108.4	5.46	111.4	5.75	115.4	6.14
	70	90.7	3.93	98.0	4.49	103.2	4.88	108.4	5.28	111.4	5.56	115.4	5.94
	68	90.7	3.80	98.0	4.34	103.2	4.72	108.4	5.11	111.4	5.38	115.4	5.74
	65	90.7	3.71	98.0	4.24	103.2	4.60	108.4	4.98	111.4	5.24	115.4	5.59
	62	90.7	3.63	98.0	4.15	103.2	4.50	108.4	4.88	111.4	5.13	115.4	5.47
	58	90.7	3.54	98.0	4.04	103.2	4.39	108.4	4.75	111.4	5.00	115.4	5.33
	54	90.7	3.46	98.0	3.96	103.2	4.29	108.4	4.65	111.4	4.89	115.4	5.22
	50	90.7	3.38	98.0	3.87	103.2	4.19	108.4	4.54	111.4	4.78	115.4	5.10
	40	90.7	3.30	98.0	3.77	103.2	4.08	108.4	4.42	111.4	4.65	115.4	4.96
	30	90.7	3.22	98.0	3.68	103.2	3.99	108.4	4.32	111.4	4.54	115.4	4.84
	23	90.7	3.17	98.0	3.62	103.2	3.93	108.4	4.25	111.4	4.47	115.4	4.76
	15	90.7	3.11	98.0	3.55	103.2	3.86	108.4	4.17	111.4	4.39	115.4	4.68
	5	90.7	3.06	98.0	3.49	103.2	3.79	108.4	4.10	111.4	4.31	115.4	4.60

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	40.7	4.45	44.0	5.06	46.3	5.48	48.6	5.92	50.0	6.22	52.3	6.68
	122	45.3	4.65	49.0	5.30	51.6	5.75	54.2	6.21	55.7	6.53	58.2	7.03
	118	52.2	4.98	56.4	5.69	59.3	6.18	62.3	6.69	64.0	7.04	67.0	7.58
	115	58.0	5.28	62.7	6.05	66.0	6.48	69.3	7.12	71.3	7.50	74.6	8.09
	110	66.6	5.60	71.9	6.43	75.7	6.99	79.5	7.59	81.7	8.00	85.5	8.64
	106	69.3	5.42	74.9	6.23	78.9	6.78	82.8	7.36	85.1	7.75	89.0	8.37
	103	71.3	5.29	77.1	6.08	81.1	6.61	85.2	7.18	87.6	7.56	91.6	8.17
	99	73.7	5.12	79.7	5.88	83.9	6.40	88.1	6.94	90.5	7.32	94.7	7.90
	95	76.0	4.94	82.1	5.68	86.4	6.18	90.7	6.71	93.2	7.07	97.6	7.63
	93	76.0	4.77	82.1	5.48	86.4	5.96	90.7	6.47	93.2	6.82	97.6	7.36
	91	76.0	4.61	82.1	5.29	86.4	5.76	90.7	6.25	93.2	6.58	97.6	7.10
	87	76.0	4.31	82.1	4.95	86.4	5.38	90.7	5.83	93.2	6.14	97.6	6.62
	82	76.0	3.96	82.1	4.54	86.4	4.94	90.7	5.35	93.2	5.64	97.6	6.08
	75	76.0	3.53	82.1	4.04	86.4	4.39	90.7	4.76	93.2	5.01	97.6	5.40
	72	76.0	3.36	82.1	3.84	86.4	4.17	90.7	4.52	93.2	4.76	97.6	5.13
	70	76.0	3.25	82.1	3.72	86.4	4.04	90.7	4.37	93.2	4.60	97.6	4.96
	68	76.0	3.14	82.1	3.59	86.4	3.90	90.7	4.23	93.2	4.45	97.6	4.79
	65	76.0	3.07	82.1	3.51	86.4	3.81	90.7	4.12	93.2	4.34	97.6	4.67
	62	76.0	3.00	82.1	3.43	86.4	3.73	90.7	4.03	93.2	4.24	97.6	4.57
	58	76.0	2.93	82.1	3.34	86.4	3.63	90.7	3.93	93.2	4.13	97.6	4.45
	54	76.0	2.86	82.1	3.27	86.4	3.55	90.7	3.84	93.2	4.04	97.6	4.36
	50	76.0	2.80	82.1	3.20	86.4	3.47	90.7	3.76	93.2	3.95	97.6	4.26
	40	76.0	2.73	82.1	3.12	86.4	3.38	90.7	3.66	93.2	3.85	97.6	4.14
	30	76.0	2.67	82.1	3.04	86.4	3.30	90.7	3.57	93.2	3.76	97.6	4.05
	23	76.0	2.62	82.1	2.99	86.4	3.25	90.7	3.51	93.2	3.70	97.6	3.98
	15	76.0	2.58	82.1	2.94	86.4	3.19	90.7	3.45	93.2	3.63	97.6	3.91
	5	76.0	2.53	82.1	2.89	86.4	3.13	90.7	3.39	93.2	3.57	97.6	3.84
80	125	36.2	3.80	39.1	4.33	41.2	4.68	43.2	5.06	44.4	5.32	46.5	5.71
	122	40.3	3.98	43.6	4.53	45.8	4.91	48.1	5.31	49.5	5.59	51.8	6.01
	118	46.4	4.26	50.1	4.87	52.7	5.28	55.4	5.72	56.9	6.02	59.5	6.48
	115	51.6	4.51	55.8	5.17	58.7	5.54	61.6	6.09	63.3	6.41	66.3	6.91
	110	59.2	4.78	63.9	5.50	67.3	5.98	70.7	6.49	72.6	6.84	76.0	7.38
	106	61.6	4.64	66.6	5.33	70.1	5.80	73.6	6.29	75.6	6.63	79.2	7.16
	103	63.4	4.52	68.5	5.20	72.1	5.65	75.7	6.14	77.8	6.47	81.4	6.98
	99	65.5	4.38	70.8	5.03	74.5	5.47	78.3	5.94	80.4	6.26	84.2	6.75
	95	67.5	4.23	73.0	4.86	76.8	5.28	80.6	5.73	82.9	6.04	86.7	6.52
	93	67.5	4.08	73.0	4.69	76.8	5.10	80.6	5.53	82.9	5.83	86.7	6.29
	91	67.5	3.94	73.0	4.53	76.8	4.92	80.6	5.34	82.9	5.63	86.7	6.07
	87	67.5	3.69	73.0	4.23	76.8	4.60	80.6	4.99	82.9	5.25	86.7	5.66
	82	67.5	3.39	73.0	3.88	76.8	4.22	80.6	4.58	82.9	4.82	86.7	5.20
	75	67.5	3.02	73.0	3.46	76.8	3.75	80.6	4.07	82.9	4.28	86.7	4.62
	72	67.5	2.87	73.0	3.29	76.8	3.57	80.6	3.86	82.9	4.07	86.7	4.38
	70	67.5	2.78	73.0	3.18	76.8	3.45	80.6	3.74	82.9	3.93	86.7	4.24
	68	67.5	2.69	73.0	3.07	76.8	3.34	80.6	3.61	82.9	3.80	86.7	4.10
	65	67.5	2.62	73.0	3.00	76.8	3.25	80.6	3.52	82.9	3.71	86.7	3.99
	62	67.5	2.57	73.0	2.93	76.8	3.19	80.6	3.45	82.9	3.63	86.7	3.91
	58	67.5	2.50	73.0	2.86	76.8	3.10	80.6	3.36	82.9	3.53	86.7	3.81
	54	67.5	2.45	73.0	2.80	76.8	3.04	80.6	3.29	82.9	3.46	86.7	3.72
	50	67.5	2.39	73.0	2.73	76.8	2.97	80.6	3.21	82.9	3.38	86.7	3.64
	40	67.5	2.33	73.0	2.66	76.8	2.89	80.6	3.13	82.9	3.29	86.7	3.54
	30	67.5	2.28	73.0	2.60	76.8	2.82	80.6	3.05	82.9	3.21	86.7	3.46
	23	67.5	2.24	73.0	2.56	76.8	2.78	80.6	3.01	82.9	3.16	86.7	3.40
	15	67.5	2.20	73.0	2.51	76.8	2.73	80.6	2.95	82.9	3.10	86.7	3.34
	5	67.5	2.16	73.0	2.47	76.8	2.68	80.6	2.90	82.9	3.05	86.7	3.28
70	125	31.7	3.20	34.2	3.65	36.0	3.95	37.8	4.27	38.9	4.48	40.7	4.82
	122	35.3	3.35	38.1	3.82	40.1	4.14	42.1	4.48	43.3	4.71	45.3	5.06
	118	40.6	3.59	43.8	4.10	46.1	4.45	48.5	4.82	49.8	5.07	52.1	5.46
	115	45.1	3.80	48.8	4.36	51.4	4.67	53.9	5.13	55.4	5.40	58.0	5.83
	110	51.8	4.03	56.0	4.63	58.9	5.04	61.8	5.47	63.6	5.76	66.5	6.22
	106	53.9	3.91	58.3	4.49	61.3	4.89	64.4	5.30	66.2	5.59	69.3	6.03
	103	55.5	3.81	59.9	4.38	63.1	4.77	66.3	5.17	68.1	5.45	71.3	5.88
	99	57.3	3.69	62.0	4.24	65.2	4.61	68.5	5.00	70.4	5.27	73.7	5.69
	95	59.1	3.56	63.8	4.09	67.2	4.45	70.6	4.83	72.5	5.09	75.9	5.50
	93	59.1	3.44	63.8	3.95	67.2	4.30	70.6	4.66	72.5	4.91	75.9	5.30
	91	59.1	3.32	63.8	3.82	67.2	4.15	70.6	4.50	72.5	4.74	75.9	5.12
	87	59.1	3.11	63.8	3.56	67.2	3.87	70.6	4.20	72.5	4.43	75.9	4.77
	82	59.1	2.86	63.8	3.27	67.2	3.56	70.6	3.86	72.5	4.06	75.9	4.38
	75	59.1	2.55	63.8	2.91	67.2	3.16	70.6	3.43	72.5	3.61	75.9	3.89
	72	59.1	2.42	63.8	2.77	67.2	3.01	70.6	3.26	72.5	3.43	75.9	3.69
	70	59.1	2.34	63.8	2.68	67.2	2.91	70.6	3.15	72.5	3.32	75.9	3.57
	68	59.1	2.26	63.8	2.59	67.2	2.81	70.6	3.05	72.5	3.21	75.9	3.45
	65	59.1	2.21	63.8	2.53	67.2	2.74	70.6	2.97	72.5	3.13	75.9	3.37
	62	59.1	2.16	63.8	2.47	67.2	2.68	70.6	2.91	72.5	3.06	75.9	3.29
	58	59.1	2.11	63.8	2.41	67.2	2.62	70.6	2.83	72.5	2.98	75.9	3.21
	54	59.1	2.06	63.8	2.36	67.2	2.56	70.6	2.77	72.5	2.91	75.9	3.14
	50	59.1	2.02	63.8	2.31	67.2	2.50	70.6	2.71	72.5	2.85	75.9	3.07
	40	59.1	1.97	63.8	2.25	67.2	2.44	70.6	2.64	72.5	2.77	75.9	2.98
	30	59.1	1.92	63.8	2.19	67.2	2.38	70.6	2.57	72.5	2.71	75.9	2.91
	23	59.1	1.89	63.8	2.16	67.2	2.34	70.6	2.53	72.5	2.66	75.9	2.87
	15	59.1	1.86	63.8	2.12	67.2	2.30	70.6	2.49	72.5	2.62	75.9	2.82
	5	59.1	1.82	63.8	2.08	67.2	2.26	70.6	2.44	72.5	2.57	75.9	2.77

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-MUP120H1FT6PUL/MMY-MUP120H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	56.6	7.29	61.1	8.18	64.3	8.79	67.5	9.41	69.5	9.84	72.7	10.48
	122	63.0	7.57	68.1	8.50	71.6	9.13	75.2	9.78	77.4	10.23	81.0	10.90
	118	72.5	8.00	78.3	8.99	82.4	9.67	86.5	10.36	89.0	10.84	93.1	11.55
	115	80.7	8.39	87.1	9.43	91.7	10.04	96.3	10.87	99.0	11.37	103.6	12.13
	110	92.6	8.77	99.9	9.86	105.2	10.61	110.4	11.38	113.6	11.90	118.9	12.70
	106	96.4	8.50	104.1	9.56	109.5	10.28	115.0	11.03	118.3	11.54	123.8	12.31
	103	99.2	8.29	107.0	9.33	112.7	10.03	118.3	10.76	121.7	11.26	127.3	12.01
	99	102.5	8.02	110.7	9.02	116.5	9.70	122.3	10.40	125.8	10.89	131.6	11.61
	95	105.6	7.74	114.0	8.71	120.0	9.37	126.0	10.05	129.6	10.52	135.6	11.22
	93	105.6	7.50	114.0	8.43	120.0	9.07	126.0	9.73	129.6	10.18	135.6	10.86
	91	105.6	7.26	114.0	8.17	120.0	8.78	126.0	9.42	129.6	9.86	135.6	10.51
	87	105.6	6.82	114.0	7.67	120.0	8.24	126.0	8.84	129.6	9.25	135.6	9.86
	82	105.6	6.30	114.0	7.08	120.0	7.61	126.0	8.16	129.6	8.54	135.6	9.10
	75	105.6	5.64	114.0	6.34	120.0	6.81	126.0	7.30	129.6	7.64	135.6	8.15
	72	105.6	5.37	114.0	6.04	120.0	6.49	126.0	6.95	129.6	7.27	135.6	7.76
	70	105.6	5.20	114.0	5.85	120.0	6.28	126.0	6.74	129.6	7.05	135.6	7.51
	68	105.6	5.04	114.0	5.66	120.0	6.08	126.0	6.52	129.6	6.82	135.6	7.27
	65	105.6	4.92	114.0	5.53	120.0	5.94	126.0	6.37	129.6	6.66	135.6	7.10
	62	105.6	4.82	114.0	5.42	120.0	5.83	126.0	6.24	129.6	6.53	135.6	6.96
	58	105.6	4.71	114.0	5.29	120.0	5.69	126.0	6.09	129.6	6.37	135.6	6.79
	54	105.6	4.61	114.0	5.18	120.0	5.57	126.0	5.97	129.6	6.25	135.6	6.66
	50	105.6	4.51	114.0	5.07	120.0	5.45	126.0	5.84	129.6	6.11	135.6	6.51
	40	105.6	4.41	114.0	4.95	120.0	5.32	126.0	5.70	129.6	5.96	135.6	6.35
	30	105.6	4.31	114.0	4.84	120.0	5.20	126.0	5.57	129.6	5.83	135.6	6.21
	23	105.6	4.24	114.0	4.76	120.0	5.12	126.0	5.49	129.6	5.74	135.6	6.12
	15	105.6	4.17	114.0	4.68	120.0	5.03	126.0	5.39	129.6	5.64	135.6	6.01
	5	105.6	4.09	114.0	4.60	120.0	4.94	126.0	5.29	129.6	5.54	135.6	5.90
110	125	57.7	7.36	62.3	8.26	65.6	8.88	68.9	9.51	70.9	9.94	74.1	10.59
	122	64.3	7.64	69.4	8.58	73.1	9.22	76.7	9.88	78.9	10.33	82.6	11.01
	118	74.0	8.09	79.8	9.09	84.0	9.76	88.2	10.47	90.8	10.95	95.0	11.67
	115	82.3	8.47	88.9	9.53	93.5	10.14	98.2	10.98	101.0	11.49	105.7	12.25
	110	94.4	8.85	101.9	9.96	107.3	10.71	112.6	11.49	115.9	12.03	121.2	12.83
	106	98.3	8.58	106.1	9.66	111.7	10.39	117.3	11.14	120.7	11.66	126.2	12.43
	103	101.1	8.37	109.2	9.42	114.9	10.13	120.7	10.87	124.1	11.37	129.9	12.13
	99	104.5	8.10	112.9	9.11	118.8	9.80	124.7	10.51	128.3	11.00	134.3	11.73
	95	107.7	7.82	116.3	8.80	122.4	9.47	128.5	10.15	132.2	10.62	138.3	11.33
	93	107.7	7.57	116.3	8.52	122.4	9.16	128.5	9.83	132.2	10.28	138.3	10.97
	91	107.7	7.34	116.3	8.25	122.4	8.87	128.5	9.52	132.2	9.96	138.3	10.62
	87	107.7	6.89	116.3	7.75	122.4	8.33	128.5	8.93	132.2	9.34	138.3	9.96
	82	107.7	6.36	116.3	7.15	122.4	7.69	128.5	8.25	132.2	8.63	138.3	9.20
	75	107.7	5.70	116.3	6.40	122.4	6.88	128.5	7.38	132.2	7.72	138.3	8.23
	72	107.7	5.42	116.3	6.10	122.4	6.55	128.5	7.03	132.2	7.35	138.3	7.84
	70	107.7	5.25	116.3	5.91	122.4	6.35	128.5	6.80	132.2	7.12	138.3	7.59
	68	107.7	5.09	116.3	5.72	122.4	6.15	128.5	6.59	132.2	6.89	138.3	7.35
	65	107.7	4.97	116.3	5.59	122.4	6.00	128.5	6.43	132.2	6.73	138.3	7.17
	62	107.7	4.87	116.3	5.48	122.4	5.89	128.5	6.31	132.2	6.60	138.3	7.03
	58	107.7	4.76	116.3	5.34	122.4	5.74	128.5	6.16	132.2	6.44	138.3	6.86
	54	107.7	4.66	116.3	5.24	122.4	5.63	128.5	6.03	132.2	6.31	138.3	6.72
	50	107.7	4.56	116.3	5.12	122.4	5.51	128.5	5.90	132.2	6.17	138.3	6.58
	40	107.7	4.45	116.3	5.00	122.4	5.37	128.5	5.76	132.2	6.02	138.3	6.42
	30	107.7	4.35	116.3	4.89	122.4	5.25	128.5	5.63	132.2	5.89	138.3	6.28
	23	107.7	4.28	116.3	4.81	122.4	5.17	128.5	5.54	132.2	5.80	138.3	6.18
	15	107.7	4.21	116.3	4.73	122.4	5.08	128.5	5.44	132.2	5.69	138.3	6.07
	5	107.7	4.13	116.3	4.64	122.4	4.99	128.5	5.35	132.2	5.59	138.3	5.96
120	125	59.4	7.51	64.2	8.43	67.5	9.05	70.9	9.69	72.9	10.14	76.3	10.80
	122	66.2	7.79	71.5	8.75	75.2	9.40	79.0	10.07	81.2	10.54	85.0	11.23
	118	76.1	8.24	82.2	9.26	86.5	9.96	90.8	10.67	93.4	11.16	97.8	11.90
	115	84.7	8.64	91.5	9.72	96.3	10.34	101.1	11.20	104.0	11.72	108.8	12.49
	110	97.2	9.03	104.9	10.16	110.4	10.92	116.0	11.72	119.3	12.26	124.8	13.08
	106	101.2	8.75	109.3	9.85	115.0	10.59	120.8	11.36	124.2	11.89	130.0	12.68
	103	104.1	8.54	112.4	9.61	118.3	10.33	124.2	11.08	127.8	11.59	133.7	12.37
	99	107.6	8.26	116.2	9.29	122.3	9.99	128.4	10.72	132.1	11.21	138.2	11.96
	95	110.9	7.98	119.7	8.97	126.0	9.65	132.3	10.35	136.1	10.83	142.4	11.55
	93	110.9	7.72	119.7	8.69	126.0	9.34	132.3	10.02	136.1	10.48	142.4	11.18
	91	110.9	7.48	119.7	8.41	126.0	9.05	132.3	9.70	136.1	10.15	142.4	10.83
	87	110.9	7.02	119.7	7.90	126.0	8.49	132.3	9.11	136.1	9.53	142.4	10.16
	82	110.9	6.49	119.7	7.29	126.0	7.84	132.3	8.41	136.1	8.80	142.4	9.38
	75	110.9	5.81	119.7	6.53	126.0	7.02	132.3	7.52	136.1	7.87	142.4	8.39
	72	110.9	5.53	119.7	6.22	126.0	6.68	132.3	7.16	136.1	7.49	142.4	7.99
	70	110.9	5.36	119.7	6.02	126.0	6.47	132.3	6.94	136.1	7.26	142.4	7.74
	68	110.9	5.19	119.7	5.83	126.0	6.27	132.3	6.72	136.1	7.03	142.4	7.49
	65	110.9	5.07	119.7	5.70	126.0	6.12	132.3	6.56	136.1	6.86	142.4	7.32
	62	110.9	4.97	119.7	5.58	126.0	6.00	132.3	6.43	136.1	6.73	142.4	7.17
	58	110.9	4.85	119.7	5.45	126.0	5.86	132.3	6.28	136.1	6.56	142.4	7.00
	54	110.9	4.75	119.7	5.34	126.0	5.74	132.3	6.15	136.1	6.43	142.4	6.86
	50	110.9	4.65	119.7	5.22	126.0	5.61	132.3	6.02	136.1	6.29	142.4	6.71
	40	110.9	4.54	119.7	5.10	126.0	5.48	132.3	5.87	136.1	6.14	142.4	6.54
	30	110.9	4.44	119.7	4.99	126.0	5.36	132.3	5.74	136.1	6.00	142.4	6.40
	23	110.9	4.37	119.7	4.91	126.0	5.27	132.3	5.65	136.1	5.91	142.4	6.30
	15	110.9	4.29	119.7	4.82	126.0	5.18	132.3	5.55	136.1	5.81	142.4	6.19
	5	110.9	4.21	119.7	4.74	126.0	5.09	132.3	5.45	136.1	5.70	142.4	6.08
130	125	60.8	7.61	65.7	8.55	69.1	9.18	72.6	9.83	74.7	10.28	77.4	10.85
	122	67.8	7.90	73.2	8.88	77.0	9.54	80.9	10.22	83.2	10.68	86.2	11.28
	118	77.9	8.36	84.1	9.40	88.6	10.10	93.0	10.82	95.7	11.32	99.2	11.95
	115	86.8	8.76	93.7	9.85	98.6	10.49	103.5	11.36	106.5	11.88	110.4	12.55
	110	99.5	9.16	107.4	10.30	113.1	11.08	118.7	11.88	122.1	12.44	126.6	13.14
	106	103.6	8.88	111.9	9.99	117.7	10.74	123.6	11.52	127.2	12.05	131.8	12.74
	103	106.6	8.66	115.1	9.74	121.1	10.48	127.2	11.24	130.8	11.76	135.6	12.43
	99	110.2	8.37	119.0	9.42	125.2	10.13	131.5	10.87	135.2	11.37	140.2	12.02
	95	113.5	8.09	122.6	9.10	129.0	9.79	135.5	10.50	139.3	10.99	144.4	11.61
	93	113.5	7.83	122.6	8.81	129.0	9.48	135.5	10.16	139.3	10.63	144.4	11.24
	91	113.5	7.59	122.6	8.53	129.0	9.18	135.5	9.84	139.3	10.30	144.4	10.88
	87	113.5	7.12	122.6	8.01	129.0	8.61	135.5	9.23	139.3	9.66	144.4	10.21
	82	113.5	6.58	122.6	7.40	129.0	7.95	135.5	8.53	139.3	8.92	144.4	9.42
	75	113.5	5.89	122.6	6.62	129.0	7.12	135.5	7.63	139.3	7.98	144.4	8.43
	72	113.5	5.61	122.6	6.31	129.0	6.78	135.5	7.27	139.3	7.60	144.4	8.03
	70	113.5	5.43	122.6	6.11	129.0	6.56	135.5	7.04	139.3	7.36	144.4	7.77
	68	113.5	5.26	122.6	5.91	129.0	6.35	135.5	6.81	139.3	7.13	144.4	7.53
	65	113.5	5.14	122.6	5.78	129.0	6.21	135.5	6.65	139.3	6.96	144.4	7.35
	62	113.5	5.04	122.6	5.66	129.0	6.09	135.5	6.52	139.3	6.82	144.4	7.21
	58	113.5	4.92	122.6	5.53	129.0	5.94	135.5	6.37	139.3	6.66	144.4	7.03
	54	113.5	4.82	122.6	5.42	129.0	5.82	135.5	6.24	139.3	6.52	144.4	6.89
	50	113.5	4.72	122.6	5.30	129.0	5.69	135.5	6.10	139.3	6.38	144.4	6.74
	40	113.5	4.60	122.6	5.17	129.0	5.56	135.5	5.95	139.3	6.23	144.4	6.58
	30	113.5	4.50	122.6	5.06	129.0	5.43	135.5	5.82	139.3	6.09	144.4	6.43
	23	113.5	4.43	122.6	4.98	129.0	5.35	135.5	5.73	139.3	5.99	144.4	6.33
	15	113.5	4.35	122.6	4.89	129.0	5.25	135.5	5.63	139.3	5.89	144.4	6.22
	5	113.5	4.27	122.6	4.80	129.0	5.16	135.5	5.53	139.3	5.78	144.4	6.11

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	50.9	6.30	55.0	7.07	57.9	7.59	60.8	8.13	62.5	8.51	65.4	9.06
	122	56.7	6.54	61.3	7.34	64.5	7.89	67.7	8.45	69.6	8.84	72.9	9.42
	118	65.3	6.92	70.5	7.77	74.2	8.35	77.9	8.95	80.1	9.37	83.8	9.98
	115	72.6	7.25	78.4	8.15	82.5	8.68	86.7	9.40	89.1	9.83	93.3	10.48
	110	83.3	7.58	89.9	8.52	94.7	9.17	99.4	9.83	102.2	10.29	107.0	10.97
	106	86.7	7.34	93.6	8.26	98.6	8.89	103.5	9.53	106.5	9.97	111.4	10.64
	103	89.2	7.16	96.3	8.06	101.4	8.67	106.5	9.30	109.5	9.73	114.6	10.38
	99	92.2	6.93	99.6	7.80	104.8	8.38	110.1	8.99	113.2	9.41	118.5	10.04
	95	95.0	6.69	102.6	7.53	108.0	8.10	113.4	8.69	116.6	9.09	122.0	9.70
	93	95.0	6.48	102.6	7.29	108.0	7.84	113.4	8.41	116.6	8.80	122.0	9.38
	91	95.0	6.28	102.6	7.06	108.0	7.59	113.4	8.14	116.6	8.52	122.0	9.09
	87	95.0	5.89	102.6	6.63	108.0	7.13	113.4	7.64	116.6	7.99	122.0	8.52
	82	95.0	5.44	102.6	6.12	108.0	6.58	113.4	7.05	116.6	7.38	122.0	7.87
	75	95.0	4.87	102.6	5.48	108.0	5.89	113.4	6.31	116.6	6.60	122.0	7.04
	72	95.0	4.64	102.6	5.22	108.0	5.61	113.4	6.01	116.6	6.29	122.0	6.70
	70	95.0	4.50	102.6	5.05	108.0	5.43	113.4	5.82	116.6	6.09	122.0	6.49
	68	95.0	4.35	102.6	4.89	108.0	5.26	113.4	5.64	116.6	5.90	122.0	6.28
	65	95.0	4.25	102.6	4.78	108.0	5.14	113.4	5.51	116.6	5.76	122.0	6.14
	62	95.0	4.17	102.6	4.69	108.0	5.04	113.4	5.40	116.6	5.65	122.0	6.02
	58	95.0	4.07	102.6	4.57	108.0	4.91	113.4	5.27	116.6	5.51	122.0	5.87
	54	95.0	3.99	102.6	4.48	108.0	4.82	113.4	5.16	116.6	5.40	122.0	5.75
	50	95.0	3.90	102.6	4.38	108.0	4.71	113.4	5.05	116.6	5.28	122.0	5.63
	40	95.0	3.81	102.6	4.28	108.0	4.60	113.4	4.93	116.6	5.15	122.0	5.49
	30	95.0	3.72	102.6	4.18	108.0	4.50	113.4	4.82	116.6	5.04	122.0	5.37
	23	95.0	3.67	102.6	4.12	108.0	4.42	113.4	4.74	116.6	4.96	122.0	5.29
	15	95.0	3.60	102.6	4.05	108.0	4.35	113.4	4.66	116.6	4.87	122.0	5.19
	5	95.0	3.54	102.6	3.97	108.0	4.27	113.4	4.57	116.6	4.78	122.0	5.10
80	125	45.3	5.39	48.9	6.05	51.5	6.49	54.0	6.96	55.6	7.27	58.1	7.75
	122	50.4	5.59	54.4	6.28	57.3	6.75	60.2	7.23	61.9	7.56	64.8	8.05
	118	58.0	5.91	62.6	6.65	65.9	7.14	69.2	7.66	71.2	8.01	74.5	8.54
	115	64.6	6.20	69.7	6.97	73.4	7.42	77.0	8.03	79.2	8.40	82.9	8.96
	110	74.0	6.48	79.9	7.29	84.1	7.84	88.4	8.41	90.9	8.80	95.1	9.38
	106	77.1	6.28	83.2	7.06	87.6	7.60	92.0	8.15	94.6	8.53	99.0	9.10
	103	79.3	6.12	85.6	6.89	90.1	7.41	94.6	7.95	97.4	8.32	101.9	8.87
	99	82.0	5.92	88.5	6.67	93.2	7.17	97.8	7.69	100.6	8.05	105.3	8.58
	95	84.5	5.72	91.2	6.44	96.0	6.92	100.8	7.43	103.7	7.77	108.5	8.29
	93	84.5	5.54	91.2	6.23	96.0	6.70	100.8	7.19	103.7	7.52	108.5	8.02
	91	84.5	5.37	91.2	6.04	96.0	6.49	100.8	6.96	103.7	7.28	108.5	7.77
	87	84.5	5.04	91.2	5.67	96.0	6.09	100.8	6.53	103.7	6.83	108.5	7.29
	82	84.5	4.65	91.2	5.23	96.0	5.63	100.8	6.03	103.7	6.31	108.5	6.73
	75	84.5	4.17	91.2	4.68	96.0	5.03	100.8	5.40	103.7	5.65	108.5	6.02
	72	84.5	3.97	91.2	4.46	96.0	4.79	100.8	5.14	103.7	5.38	108.5	5.73
	70	84.5	3.84	91.2	4.32	96.0	4.64	100.8	4.98	103.7	5.21	108.5	5.55
	68	84.5	3.72	91.2	4.18	96.0	4.50	100.8	4.82	103.7	5.04	108.5	5.37
	65	84.5	3.64	91.2	4.09	96.0	4.39	100.8	4.71	103.7	4.92	108.5	5.25
	62	84.5	3.56	91.2	4.01	96.0	4.31	100.8	4.61	103.7	4.83	108.5	5.14
	58	84.5	3.48	91.2	3.91	96.0	4.20	100.8	4.50	103.7	4.71	108.5	5.02
	54	84.5	3.41	91.2	3.83	96.0	4.12	100.8	4.41	103.7	4.61	108.5	4.92
	50	84.5	3.34	91.2	3.75	96.0	4.03	100.8	4.32	103.7	4.51	108.5	4.81
	40	84.5	3.26	91.2	3.66	96.0	3.93	100.8	4.21	103.7	4.40	108.5	4.69
	30	84.5	3.18	91.2	3.58	96.0	3.84	100.8	4.12	103.7	4.31	108.5	4.59
	23	84.5	3.13	91.2	3.52	96.0	3.78	100.8	4.05	103.7	4.24	108.5	4.52
	15	84.5	3.08	91.2	3.46	96.0	3.72	100.8	3.98	103.7	4.16	108.5	4.44
	5	84.5	3.02	91.2	3.40	96.0	3.65	100.8	3.91	103.7	4.09	108.5	4.36
70	125	39.6	4.54	42.8	5.10	45.0	5.47	47.3	5.86	48.6	6.13	50.9	6.53
	122	44.1	4.71	47.6	5.29	50.1	5.69	52.7	6.09	54.2	6.37	56.7	6.79
	118	50.8	4.99	54.8	5.60	57.7	6.02	60.6	6.45	62.3	6.75	65.2	7.19
	115	56.5	5.23	61.0	5.88	64.2	6.25	67.4	6.77	69.3	7.08	72.5	7.55
	110	64.8	5.46	69.9	6.14	73.6	6.61	77.3	7.09	79.5	7.41	83.2	7.91
	106	67.5	5.29	72.8	5.95	76.7	6.40	80.5	6.87	82.8	7.19	86.6	7.67
	103	69.4	5.16	74.9	5.81	78.9	6.25	82.8	6.70	85.2	7.01	89.1	7.48
	99	71.7	4.99	77.5	5.62	81.5	6.04	85.6	6.48	88.1	6.78	92.1	7.23
	95	73.9	4.82	79.8	5.43	84.0	5.84	88.2	6.26	90.7	6.55	94.9	6.99
	93	73.9	4.67	79.8	5.25	84.0	5.65	88.2	6.06	90.7	6.34	94.9	6.76
	91	73.9	4.52	79.8	5.09	84.0	5.47	88.2	5.87	90.7	6.14	94.9	6.55
	87	73.9	4.25	79.8	4.78	84.0	5.13	88.2	5.51	90.7	5.76	94.9	6.14
	82	73.9	3.92	79.8	4.41	84.0	4.74	88.2	5.08	90.7	5.32	94.9	5.67
	75	73.9	3.51	79.8	3.95	84.0	4.24	88.2	4.55	90.7	4.76	94.9	5.07
	72	73.9	3.34	79.8	3.76	84.0	4.04	88.2	4.33	90.7	4.53	94.9	4.83
	70	73.9	3.24	79.8	3.64	84.0	3.91	88.2	4.20	90.7	4.39	94.9	4.68
	68	73.9	3.14	79.8	3.53	84.0	3.79	88.2	4.06	90.7	4.25	94.9	4.53
	65	73.9	3.06	79.8	3.44	84.0	3.70	88.2	3.97	90.7	4.15	94.9	4.42
	62	73.9	3.00	79.8	3.38	84.0	3.63	88.2	3.89	90.7	4.07	94.9	4.34
	58	73.9	2.93	79.8	3.30	84.0	3.54	88.2	3.80	90.7	3.97	94.9	4.23
	54	73.9	2.87	79.8	3.23	84.0	3.47	88.2	3.72	90.7	3.89	94.9	4.15
	50	73.9	2.81	79.8	3.16	84.0	3.39	88.2	3.64	90.7	3.81	94.9	4.06
	40	73.9	2.74	79.8	3.08	84.0	3.31	88.2	3.55	90.7	3.71	94.9	3.96
	30	73.9	2.68	79.8	3.02	84.0	3.24	88.2	3.47	90.7	3.63	94.9	3.87
	23	73.9	2.64	79.8	2.97	84.0	3.19	88.2	3.42	90.7	3.57	94.9	3.81
	15	73.9	2.59	79.8	2.91	84.0	3.13	88.2	3.36	90.7	3.51	94.9	3.74
	5	73.9	2.55	79.8	2.86	84.0	3.08	88.2	3.30	90.7	3.45	94.9	3.67

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°F)

MMY-UP144H1FT6PUL/MMY-UP144H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	67.9	7.06	73.3	8.10	77.2	8.82	81.0	9.59	83.3	10.12	87.2	10.95
	122	75.6	7.42	81.7	8.54	86.0	9.32	90.3	10.14	92.8	10.72	97.1	11.61
	118	87.0	8.02	93.9	9.27	98.9	10.13	103.8	11.04	106.8	11.68	111.7	12.67
	115	96.8	8.57	104.5	9.93	110.0	10.77	115.5	11.87	118.8	12.58	124.3	13.66
	110	111.1	9.18	119.9	10.68	126.2	11.71	132.5	12.81	136.3	13.59	142.6	14.78
	106	115.6	8.90	124.9	10.35	131.4	11.35	138.0	12.42	141.9	13.17	148.5	14.33
	103	119.0	8.68	128.5	10.10	135.2	11.07	142.0	12.11	146.0	12.85	152.8	13.97
	99	123.0	8.40	132.8	9.77	139.8	10.71	146.8	11.72	150.9	12.43	157.9	13.52
	95	126.7	8.11	136.8	9.44	144.0	10.35	151.2	11.32	155.5	12.01	162.7	13.06
	93	126.7	7.82	136.8	9.09	144.0	9.97	151.2	10.90	155.5	11.56	162.7	12.57
	91	126.7	7.54	136.8	8.76	144.0	9.61	151.2	10.50	155.5	11.13	162.7	12.10
	87	126.7	7.03	136.8	8.16	144.0	8.94	151.2	9.77	155.5	10.35	162.7	11.25
	82	126.7	6.44	136.8	7.47	144.0	8.18	151.2	8.93	155.5	9.46	162.7	10.27
	75	126.7	5.72	136.8	6.62	144.0	7.24	151.2	7.90	155.5	8.37	162.7	9.08
	72	126.7	5.43	136.8	6.28	144.0	6.87	151.2	7.49	155.5	7.93	162.7	8.61
	70	126.7	5.25	136.8	6.07	144.0	6.64	151.2	7.24	155.5	7.67	162.7	8.32
	68	126.7	5.07	136.8	5.86	144.0	6.41	151.2	6.99	155.5	7.40	162.7	8.03
	65	126.7	4.94	136.8	5.71	144.0	6.25	151.2	6.81	155.5	7.21	162.7	7.82
	62	126.7	4.84	136.8	5.59	144.0	6.11	151.2	6.66	155.5	7.05	162.7	7.65
	58	126.7	4.71	136.8	5.44	144.0	5.94	151.2	6.48	155.5	6.86	162.7	7.44
	54	126.7	4.61	136.8	5.32	144.0	5.81	151.2	6.33	155.5	6.70	162.7	7.27
	50	126.7	4.50	136.8	5.19	144.0	5.67	151.2	6.18	155.5	6.54	162.7	7.09
	40	126.7	4.38	136.8	5.05	144.0	5.52	151.2	6.01	155.5	6.36	162.7	6.89
	30	126.7	4.27	136.8	4.93	144.0	5.38	151.2	5.87	155.5	6.20	162.7	6.72
	23	126.7	4.21	136.8	4.85	144.0	5.30	151.2	5.77	155.5	6.10	162.7	6.61
	15	126.7	4.13	136.8	4.76	144.0	5.20	151.2	5.66	155.5	5.99	162.7	6.49
	5	126.7	4.06	136.8	4.68	144.0	5.11	151.2	5.56	155.5	5.88	162.7	6.38
110	125	69.3	7.13	74.8	8.18	78.7	8.91	82.7	9.69	85.0	10.23	89.0	11.06
	122	77.2	7.50	83.3	8.63	87.7	9.41	92.1	10.25	94.7	10.83	99.1	11.72
	118	88.7	8.10	95.8	9.36	100.9	10.23	105.9	11.15	108.9	11.80	114.0	12.80
	115	98.8	8.66	106.6	10.03	112.2	10.88	117.9	11.99	121.2	12.71	126.8	13.80
	110	113.3	9.27	122.3	10.79	128.7	11.83	135.2	12.94	139.0	13.72	145.5	14.93
	106	118.0	8.99	127.4	10.46	134.1	11.47	140.8	12.55	144.8	13.30	151.5	14.47
	103	121.3	8.77	131.0	10.20	137.9	11.19	144.8	12.24	148.9	12.98	155.8	14.12
	99	125.4	8.48	135.4	9.87	142.6	10.82	149.7	11.84	154.0	12.55	161.1	13.66
	95	129.2	8.20	139.5	9.53	146.9	10.46	154.2	11.44	158.6	12.13	166.0	13.19
	93	129.2	7.90	139.5	9.18	146.9	10.07	154.2	11.01	158.6	11.67	166.0	12.70
	91	129.2	7.62	139.5	8.85	146.9	9.70	154.2	10.61	158.6	11.25	166.0	12.23
	87	129.2	7.10	139.5	8.24	146.9	9.03	154.2	9.87	158.6	10.45	166.0	11.36
	82	129.2	6.51	139.5	7.54	146.9	8.26	154.2	9.02	158.6	9.55	166.0	10.38
	75	129.2	5.77	139.5	6.68	146.9	7.31	154.2	7.98	158.6	8.45	166.0	9.18
	72	129.2	5.48	139.5	6.34	146.9	6.94	154.2	7.57	158.6	8.02	166.0	8.70
	70	129.2	5.30	139.5	6.13	146.9	6.70	154.2	7.31	158.6	7.74	166.0	8.40
	68	129.2	5.12	139.5	5.92	146.9	6.48	154.2	7.07	158.6	7.48	166.0	8.12
	65	129.2	4.99	139.5	5.77	146.9	6.31	154.2	6.88	158.6	7.28	166.0	7.90
	62	129.2	4.89	139.5	5.65	146.9	6.17	154.2	6.73	158.6	7.12	166.0	7.72
	58	129.2	4.76	139.5	5.49	146.9	6.00	154.2	6.55	158.6	6.93	166.0	7.51
	54	129.2	4.65	139.5	5.37	146.9	5.87	154.2	6.40	158.6	6.77	166.0	7.34
	50	129.2	4.54	139.5	5.25	146.9	5.73	154.2	6.25	158.6	6.61	166.0	7.16
	40	129.2	4.42	139.5	5.10	146.9	5.57	154.2	6.07	158.6	6.42	166.0	6.96
	30	129.2	4.32	139.5	4.98	146.9	5.44	154.2	5.93	158.6	6.27	166.0	6.79
	23	129.2	4.25	139.5	4.90	146.9	5.35	154.2	5.83	158.6	6.16	166.0	6.68
	15	129.2	4.17	139.5	4.81	146.9	5.25	154.2	5.72	158.6	6.05	166.0	6.56
	5	129.2	4.10	139.5	4.73	146.9	5.16	154.2	5.62	158.6	5.94	166.0	6.44
120	125	71.3	7.27	77.0	8.34	81.0	9.09	85.1	9.88	87.5	10.43	91.6	11.28
	122	79.4	7.65	85.8	8.80	90.3	9.60	94.8	10.45	97.5	11.04	102.0	11.95
	118	91.3	8.26	98.6	9.54	103.8	10.43	109.0	11.37	112.1	12.04	117.3	13.06
	115	101.7	8.83	109.8	10.23	115.5	11.10	121.3	12.23	124.8	12.96	130.6	14.07
	110	116.6	9.46	125.9	11.00	132.5	12.06	139.2	13.20	143.1	13.99	149.7	15.22
	106	121.4	9.17	131.1	10.66	138.0	11.69	144.9	12.79	149.0	13.56	155.9	14.76
	103	124.9	8.94	134.9	10.40	142.0	11.41	149.1	12.48	153.3	13.23	160.4	14.39
	99	129.1	8.65	139.4	10.06	146.8	11.03	154.1	12.07	158.5	12.80	165.8	13.92
	95	133.0	8.36	143.6	9.72	151.2	10.66	158.8	11.66	163.3	12.37	170.8	13.45
	93	133.0	8.05	143.6	9.36	151.2	10.27	158.8	11.23	163.3	11.90	170.8	12.95
	91	133.0	7.77	143.6	9.03	151.2	9.89	158.8	10.82	163.3	11.47	170.8	12.47
	87	133.0	7.24	143.6	8.40	151.2	9.21	158.8	10.06	163.3	10.66	170.8	11.59
	82	133.0	6.63	143.6	7.69	151.2	8.42	158.8	9.20	163.3	9.74	170.8	10.58
	75	133.0	5.89	143.6	6.82	151.2	7.46	158.8	8.14	163.3	8.62	170.8	9.36
	72	133.0	5.59	143.6	6.47	151.2	7.07	158.8	7.72	163.3	8.17	170.8	8.87
	70	133.0	5.40	143.6	6.25	151.2	6.84	158.8	7.46	163.3	7.90	170.8	8.57
	68	133.0	5.22	143.6	6.04	151.2	6.61	158.8	7.20	163.3	7.63	170.8	8.28
	65	133.0	5.09	143.6	5.88	151.2	6.43	158.8	7.02	163.3	7.43	170.8	8.06
	62	133.0	4.98	143.6	5.76	151.2	6.29	158.8	6.86	163.3	7.26	170.8	7.88
	58	133.0	4.85	143.6	5.60	151.2	6.12	158.8	6.67	163.3	7.06	170.8	7.66
	54	133.0	4.74	143.6	5.48	151.2	5.99	158.8	6.52	163.3	6.90	170.8	7.48
	50	133.0	4.63	143.6	5.35	151.2	5.84	158.8	6.37	163.3	6.74	170.8	7.31
	40	133.0	4.51	143.6	5.20	151.2	5.68	158.8	6.19	163.3	6.55	170.8	7.10
	30	133.0	4.40	143.6	5.08	151.2	5.55	158.8	6.04	163.3	6.39	170.8	6.93
	23	133.0	4.33	143.6	5.00	151.2	5.46	158.8	5.94	163.3	6.29	170.8	6.81
	15	133.0	4.25	143.6	4.91	151.2	5.36	158.8	5.84	163.3	6.17	170.8	6.69
	5	133.0	4.18	143.6	4.82	151.2	5.26	158.8	5.73	163.3	6.06	170.8	6.57
130	125	73.0	7.37	78.8	8.46	83.0	9.22	87.1	10.02	89.6	10.58	92.9	11.33
	122	81.3	7.75	87.8	8.93	92.4	9.74	97.0	10.59	99.8	11.20	103.4	12.01
	118	93.5	8.38	101.0	9.68	106.3	10.58	111.6	11.54	114.8	12.21	119.0	13.12
	115	104.1	8.95	112.4	10.37	118.3	11.25	124.2	12.40	127.7	13.14	132.4	14.14
	110	119.4	9.59	128.9	11.15	135.7	12.23	142.5	13.38	146.5	14.19	151.9	15.30
	106	124.3	9.30	134.2	10.81	141.3	11.86	148.4	12.97	152.6	13.76	158.2	14.83
	103	127.9	9.07	138.1	10.55	145.4	11.57	152.6	12.66	157.0	13.42	162.7	14.46
	99	132.2	8.77	142.7	10.20	150.3	11.19	157.8	12.24	162.3	12.98	168.2	13.99
	95	136.2	8.48	147.1	9.86	154.8	10.81	162.5	11.83	167.2	12.54	173.3	13.52
	93	136.2	8.17	147.1	9.50	154.8	10.41	162.5	11.39	167.2	12.07	173.3	13.01
	91	136.2	7.88	147.1	9.15	154.8	10.03	162.5	10.97	167.2	11.63	173.3	12.53
	87	136.2	7.34	147.1	8.52	154.8	9.34	162.5	10.20	167.2	10.81	173.3	11.64
	82	136.2	6.73	147.1	7.80	154.8	8.54	162.5	9.33	167.2	9.88	173.3	10.63
	75	136.2	5.97	147.1	6.91	154.8	7.56	162.5	8.25	167.2	8.74	173.3	9.40
	72	136.2	5.67	147.1	6.56	154.8	7.18	162.5	7.83	167.2	8.29	173.3	8.91
	70	136.2	5.48	147.1	6.34	154.8	6.93	162.5	7.56	167.2	8.01	173.3	8.61
	68	136.2	5.30	147.1	6.13	154.8	6.70	162.5	7.31	167.2	7.73	173.3	8.31
	65	136.2	5.16	147.1	5.97	154.8	6.52	162.5	7.12	167.2	7.53	173.3	8.09
	62	136.2	5.05	147.1	5.84	154.8	6.38	162.5	6.96	167.2	7.36	173.3	7.91
	58	136.2	4.92	147.1	5.68	154.8	6.21	162.5	6.77	167.2	7.16	173.3	7.70
	54	136.2	4.81	147.1	5.56	154.8	6.07	162.5	6.62	167.2	7.00	173.3	7.52
	50	136.2	4.70	147.1	5.42	154.8	5.93	162.5	6.46	167.2	6.83	173.3	7.34
	40	136.2	4.57	147.1	5.28	154.8	5.76	162.5	6.28	167.2	6.64	173.3	7.13
	30	136.2	4.47	147.1	5.15	154.8	5.63	162.5	6.13	167.2	6.48	173.3	6.96
	23	136.2	4.39	147.1	5.07	154.8	5.53	162.5	6.03	167.2	6.37	173.3	6.84
	15	136.2	4.31	147.1	4.98	154.8	5.43	162.5	5.92	167.2	6.26	173.3	6.72
	5	136.2	4.24	147.1	4.89	154.8	5.34	162.5	5.81	167.2	6.15	173.3	6.60

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	61.1	6.10	66.0	7.00	69.5	7.63	72.9	8.29	75.0	8.75	78.5	9.46
	122	68.1	6.42	73.5	7.38	77.4	8.05	81.2	8.77	83.6	9.26	87.4	10.03
	118	78.3	6.93	84.5	8.01	89.0	8.75	93.4	9.54	96.1	10.10	100.5	10.95
	115	87.1	7.41	94.1	8.58	99.0	9.31	104.0	10.26	107.0	10.87	111.9	11.81
	110	99.9	7.93	107.9	9.23	113.6	10.12	119.3	11.07	122.7	11.74	128.3	12.77
	106	104.1	7.69	112.4	8.95	118.3	9.81	124.2	10.73	127.7	11.38	133.7	12.38
	103	107.1	7.50	115.6	8.73	121.7	9.57	127.8	10.47	131.4	11.10	137.5	12.08
	99	110.7	7.26	119.5	8.44	125.8	9.26	132.1	10.13	135.8	10.74	142.1	11.68
	95	114.0	7.01	123.1	8.16	129.6	8.95	136.1	9.79	140.0	10.38	146.4	11.29
	93	114.0	6.76	123.1	7.86	129.6	8.61	136.1	9.42	140.0	9.99	146.4	10.86
	91	114.0	6.52	123.1	7.57	129.6	8.30	136.1	9.08	140.0	9.62	146.4	10.46
	87	114.0	6.07	123.1	7.05	129.6	7.72	136.1	8.44	140.0	8.94	146.4	9.72
	82	114.0	5.57	123.1	6.45	129.6	7.07	136.1	7.72	140.0	8.17	146.4	8.88
	75	114.0	4.94	123.1	5.72	129.6	6.26	136.1	6.83	140.0	7.23	146.4	7.85
	72	114.0	4.69	123.1	5.43	129.6	5.94	136.1	6.48	140.0	6.86	146.4	7.44
	70	114.0	4.53	123.1	5.25	129.6	5.74	136.1	6.26	140.0	6.62	146.4	7.19
	68	114.0	4.38	123.1	5.07	129.6	5.54	136.1	6.05	140.0	6.40	146.4	6.94
	65	114.0	4.27	123.1	4.94	129.6	5.40	136.1	5.89	140.0	6.23	146.4	6.76
	62	114.0	4.18	123.1	4.83	129.6	5.28	136.1	5.76	140.0	6.09	146.4	6.61
	58	114.0	4.07	123.1	4.70	129.6	5.14	136.1	5.60	140.0	5.93	146.4	6.43
	54	114.0	3.98	123.1	4.60	129.6	5.02	136.1	5.47	140.0	5.79	146.4	6.28
	50	114.0	3.89	123.1	4.49	129.6	4.90	136.1	5.34	140.0	5.65	146.4	6.13
	40	114.0	3.78	123.1	4.37	129.6	4.77	136.1	5.19	140.0	5.49	146.4	5.96
	30	114.0	3.69	123.1	4.26	129.6	4.65	136.1	5.07	140.0	5.36	146.4	5.81
	23	114.0	3.63	123.1	4.19	129.6	4.58	136.1	4.99	140.0	5.27	146.4	5.72
	15	114.0	3.57	123.1	4.12	129.6	4.49	136.1	4.90	140.0	5.18	146.4	5.61
	5	114.0	3.51	123.1	4.04	129.6	4.41	136.1	4.81	140.0	5.09	146.4	5.51
80	125	54.3	5.22	58.7	5.99	61.7	6.52	64.8	7.09	66.7	7.48	69.8	8.09
	122	60.5	5.49	65.3	6.31	68.8	6.89	72.2	7.49	74.3	7.92	77.7	8.58
	118	69.6	5.93	75.1	6.85	79.1	7.48	83.1	8.16	85.4	8.63	89.4	9.37
	115	77.5	6.33	83.6	7.34	88.0	7.96	92.4	8.77	95.1	9.29	99.5	10.10
	110	88.8	6.78	95.9	7.89	101.0	8.65	106.0	9.47	109.0	10.04	114.1	10.92
	106	92.5	6.58	99.9	7.65	105.1	8.39	110.4	9.18	113.5	9.73	118.8	10.59
	103	95.2	6.42	102.8	7.46	108.2	8.18	113.6	8.95	116.8	9.49	122.2	10.33
	99	98.4	6.21	106.2	7.22	111.8	7.92	117.4	8.66	120.7	9.18	126.3	9.99
	95	101.4	6.00	109.4	6.97	115.2	7.65	121.0	8.37	124.4	8.87	130.2	9.65
	93	101.4	5.78	109.4	6.72	115.2	7.37	121.0	8.05	124.4	8.54	130.2	9.29
	91	101.4	5.57	109.4	6.47	115.2	7.10	121.0	7.76	124.4	8.23	130.2	8.94
	87	101.4	5.19	109.4	6.03	115.2	6.60	121.0	7.22	124.4	7.65	130.2	8.31
	82	101.4	4.76	109.4	5.52	115.2	6.04	121.0	6.60	124.4	6.99	130.2	7.59
	75	101.4	4.22	109.4	4.89	115.2	5.35	121.0	5.84	124.4	6.18	130.2	6.71
	72	101.4	4.01	109.4	4.64	115.2	5.08	121.0	5.54	124.4	5.86	130.2	6.36
	70	101.4	3.88	109.4	4.48	115.2	4.90	121.0	5.35	124.4	5.66	130.2	6.15
	68	101.4	3.75	109.4	4.33	115.2	4.74	121.0	5.17	124.4	5.47	130.2	5.94
	65	101.4	3.65	109.4	4.22	115.2	4.62	121.0	5.03	124.4	5.33	130.2	5.78
	62	101.4	3.57	109.4	4.13	115.2	4.51	121.0	4.92	124.4	5.21	130.2	5.65
	58	101.4	3.48	109.4	4.02	115.2	4.39	121.0	4.79	124.4	5.07	130.2	5.49
	54	101.4	3.40	109.4	3.93	115.2	4.29	121.0	4.68	124.4	4.95	130.2	5.37
	50	101.4	3.32	109.4	3.84	115.2	4.19	121.0	4.57	124.4	4.83	130.2	5.24
	40	101.4	3.23	109.4	3.73	115.2	4.08	121.0	4.44	124.4	4.70	130.2	5.09
	30	101.4	3.16	109.4	3.64	115.2	3.98	121.0	4.34	124.4	4.58	130.2	4.97
	23	101.4	3.11	109.4	3.58	115.2	3.91	121.0	4.26	124.4	4.51	130.2	4.89
	15	101.4	3.05	109.4	3.52	115.2	3.84	121.0	4.19	124.4	4.43	130.2	4.80
	5	101.4	3.00	109.4	3.46	115.2	3.77	121.0	4.11	124.4	4.35	130.2	4.71
70	125	47.5	4.40	51.3	5.05	54.0	5.50	56.7	5.97	58.3	6.31	61.0	6.82
	122	52.9	4.62	57.2	5.32	60.2	5.80	63.2	6.32	65.0	6.68	68.0	7.23
	118	60.9	4.99	65.8	5.77	69.2	6.31	72.7	6.88	74.7	7.28	78.2	7.89
	115	67.8	5.34	73.2	6.19	77.0	6.71	80.9	7.40	83.2	7.83	87.0	8.51
	110	77.7	5.72	83.9	6.65	88.4	7.29	92.8	7.98	95.4	8.46	99.8	9.21
	106	81.0	5.54	87.4	6.45	92.0	7.07	96.6	7.73	99.4	8.20	104.0	8.92
	103	83.3	5.41	89.9	6.29	94.6	6.90	99.4	7.55	102.2	8.00	106.9	8.70
	99	86.1	5.23	92.9	6.08	97.8	6.67	102.7	7.30	105.7	7.74	110.5	8.42
	95	88.7	5.05	95.8	5.88	100.8	6.45	105.8	7.05	108.9	7.48	113.9	8.14
	93	88.7	4.87	95.8	5.66	100.8	6.21	105.8	6.79	108.9	7.20	113.9	7.83
	91	88.7	4.70	95.8	5.46	100.8	5.98	105.8	6.54	108.9	6.93	113.9	7.54
	87	88.7	4.38	95.8	5.08	100.8	5.57	105.8	6.08	108.9	6.45	113.9	7.01
	82	88.7	4.01	95.8	4.65	100.8	5.09	105.8	5.56	108.9	5.89	113.9	6.40
	75	88.7	3.56	95.8	4.12	100.8	4.51	105.8	4.92	108.9	5.21	113.9	5.66
	72	88.7	3.38	95.8	3.91	100.8	4.28	105.8	4.67	108.9	4.94	113.9	5.36
	70	88.7	3.27	95.8	3.78	100.8	4.13	105.8	4.51	108.9	4.77	113.9	5.18
	68	88.7	3.16	95.8	3.65	100.8	3.99	105.8	4.36	108.9	4.61	113.9	5.00
	65	88.7	3.08	95.8	3.56	100.8	3.89	105.8	4.24	108.9	4.49	113.9	4.87
	62	88.7	3.01	95.8	3.48	100.8	3.80	105.8	4.15	108.9	4.39	113.9	4.76
	58	88.7	2.93	95.8	3.39	100.8	3.70	105.8	4.04	108.9	4.27	113.9	4.63
	54	88.7	2.87	95.8	3.31	100.8	3.62	105.8	3.94	108.9	4.17	113.9	4.53
	50	88.7	2.80	95.8	3.23	100.8	3.53	105.8	3.85	108.9	4.07	113.9	4.42
	40	88.7	2.73	95.8	3.15	100.8	3.44	105.8	3.74	108.9	3.96	113.9	4.29
	30	88.7	2.66	95.8	3.07	100.8	3.35	105.8	3.65	108.9	3.86	113.9	4.19
	23	88.7	2.62	95.8	3.02	100.8	3.30	105.8	3.59	108.9	3.80	113.9	4.12
	15	88.7	2.57	95.8	2.97	100.8	3.24	105.8	3.53	108.9	3.73	113.9	4.04
	5	88.7	2.53	95.8	2.91	100.8	3.18	105.8	3.47	108.9	3.66	113.9	3.97

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP192H1FT6PUL/MMY-UP192H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
100	125	90.5	9.44	97.8	10.93	102.9	11.95	108.1	13.04	111.1	13.80	116.3	14.97		
	122	100.8	9.98	108.9	11.58	114.6	12.68	120.4	13.85	123.8	14.66	129.5	15.93		
	118	116.0	10.85	125.2	12.63	131.8	13.86	138.4	15.16	142.3	16.07	148.9	17.48		
	115	129.1	11.66	139.4	13.60	146.7	14.84	154.1	16.37	158.4	17.36	165.8	18.91		
	110	148.0	12.56	159.9	14.70	168.3	16.17	176.7	17.74	181.7	18.83	190.1	20.54		
	106	154.2	12.17	166.5	14.25	175.2	15.67	184.0	17.19	189.2	18.26	198.0	19.91		
	103	158.6	11.87	171.3	13.90	180.3	15.29	189.3	16.77	194.7	17.81	203.7	19.42		
	99	163.9	11.49	177.0	13.44	186.4	14.79	195.7	16.22	201.2	17.23	210.5	18.78		
	95	168.9	11.10	182.4	12.99	192.0	14.29	201.6	15.67	207.3	16.65	216.9	18.15		
	93	168.9	10.69	182.4	12.50	192.0	13.75	201.6	15.08	207.3	16.01	216.9	17.45		
	91	168.9	10.30	182.4	12.04	192.0	13.24	201.6	14.52	207.3	15.41	216.9	16.80		
	87	168.9	9.58	182.4	11.19	192.0	12.30	201.6	13.48	207.3	14.31	216.9	15.59		
	82	168.9	8.76	182.4	10.23	192.0	11.24	201.6	12.31	207.3	13.06	216.9	14.22		
	75	168.9	7.76	182.4	9.05	192.0	9.93	201.6	10.87	207.3	11.53	216.9	12.55		
	72	168.9	7.36	182.4	8.58	192.0	9.42	201.6	10.31	207.3	10.93	216.9	11.90		
	70	168.9	7.11	182.4	8.29	192.0	9.10	201.6	9.95	207.3	10.56	216.9	11.49		
	68	168.9	6.87	182.4	8.00	192.0	8.78	201.6	9.61	207.3	10.19	216.9	11.09		
	65	168.9	6.69	182.4	7.79	192.0	8.55	201.6	9.36	207.3	9.92	216.9	10.79		
	62	168.9	6.55	182.4	7.62	192.0	8.36	201.6	9.14	207.3	9.70	216.9	10.55		
	58	168.9	6.37	182.4	7.41	192.0	8.13	201.6	8.89	207.3	9.42	216.9	10.25		
	54	168.9	6.23	182.4	7.24	192.0	7.94	201.6	8.69	207.3	9.21	216.9	10.01		
	50	168.9	6.08	182.4	7.07	192.0	7.75	201.6	8.48	207.3	8.98	216.9	9.77		
	40	168.9	5.91	182.4	6.87	192.0	7.53	201.6	8.23	207.3	8.73	216.9	9.49		
	30	168.9	5.77	182.4	6.70	192.0	7.35	201.6	8.03	207.3	8.51	216.9	9.25		
	23	168.9	5.67	182.4	6.59	192.0	7.23	201.6	7.90	207.3	8.37	216.9	9.10		
	15	168.9	5.57	182.4	6.47	192.0	7.10	201.6	7.76	207.3	8.22	216.9	8.93		
	5	168.9	5.47	182.4	6.36	192.0	6.97	201.6	7.62	207.3	8.07	216.9	8.77		
110	125	92.3	9.53	99.7	11.04	105.0	12.07	110.2	13.17	113.3	13.94	118.6	15.12		
	122	102.8	10.08	111.1	11.69	116.9	12.81	122.8	13.99	126.2	14.81	132.1	16.09		
	118	118.3	10.96	127.7	12.76	134.5	14.00	141.2	15.31	145.2	16.23	151.9	17.66		
	115	131.7	11.77	142.2	13.74	149.7	14.99	157.1	16.53	161.6	17.54	169.1	19.10		
	110	151.0	12.69	163.1	14.85	171.7	16.33	180.2	17.92	185.3	19.03	193.9	20.75		
	106	157.2	12.30	169.8	14.39	178.8	15.83	187.7	17.37	193.0	18.44	201.9	20.11		
	103	161.8	12.00	174.7	14.04	183.9	15.45	193.1	16.94	198.5	17.99	207.7	19.62		
	99	167.2	11.60	180.6	13.58	190.1	14.94	199.6	16.39	205.2	17.40	214.7	18.98		
	95	172.3	11.21	186.0	13.12	195.8	14.44	205.6	15.84	211.4	16.82	221.2	18.34		
	93	172.3	10.80	186.0	12.63	195.8	13.89	205.6	15.23	211.4	16.18	221.2	17.63		
	91	172.3	10.40	186.0	12.16	195.8	13.38	205.6	14.67	211.4	15.57	221.2	16.97		
	87	172.3	9.68	186.0	11.31	195.8	12.43	205.6	13.62	211.4	14.46	221.2	15.75		
	82	172.3	8.85	186.0	10.33	195.8	11.35	205.6	12.43	211.4	13.19	221.2	14.37		
	75	172.3	7.84	186.0	9.14	195.8	10.03	205.6	10.99	211.4	11.65	221.2	12.68		
	72	172.3	7.44	186.0	8.67	195.8	9.51	205.6	10.41	211.4	11.04	221.2	12.02		
	70	172.3	7.19	186.0	8.37	195.8	9.19	205.6	10.06	211.4	10.66	221.2	11.60		
	68	172.3	6.94	186.0	8.09	195.8	8.87	205.6	9.71	211.4	10.30	221.2	11.20		
	65	172.3	6.76	186.0	7.87	195.8	8.64	205.6	9.45	211.4	10.02	221.2	10.90		
	62	172.3	6.61	186.0	7.70	195.8	8.44	205.6	9.24	211.4	9.79	221.2	10.65		
	58	172.3	6.43	186.0	7.49	195.8	8.21	205.6	8.98	211.4	9.52	221.2	10.35		
	54	172.3	6.29	186.0	7.32	195.8	8.02	205.6	8.77	211.4	9.30	221.2	10.11		
	50	172.3	6.14	186.0	7.14	195.8	7.83	205.6	8.56	211.4	9.08	221.2	9.87		
	40	172.3	5.97	186.0	6.94	195.8	7.61	205.6	8.32	211.4	8.81	221.2	9.58		
	30	172.3	5.83	186.0	6.77	195.8	7.42	205.6	8.12	211.4	8.60	221.2	9.35		
	23	172.3	5.73	186.0	6.66	195.8	7.30	205.6	7.98	211.4	8.46	221.2	9.19		
	15	172.3	5.63	186.0	6.54	195.8	7.17	205.6	7.84	211.4	8.30	221.2	9.02		
	5	172.3	5.53	186.0	6.42	195.8	7.04	205.6	7.69	211.4	8.15	221.2	8.86		
120	125	95.1	9.72	102.7	11.25	108.1	12.31	113.5	13.43	116.7	14.21	122.1	15.42		
	122	105.9	10.28	114.3	11.92	120.4	13.06	126.4	14.26	129.9	15.10	136.0	16.41		
	118	121.8	11.18	131.5	13.01	138.4	14.27	145.4	15.61	149.5	16.55	156.4	18.00		
	115	135.5	12.01	146.4	14.01	154.1	15.29	161.8	16.86	166.3	17.89	174.0	19.48		
	110	155.4	12.93	167.9	15.14	176.7	16.66	185.5	18.27	190.8	19.40	199.6	21.15		
	106	161.9	12.54	174.8	14.67	184.0	16.14	193.2	17.71	198.7	18.81	207.9	20.50		
	103	166.5	12.23	179.8	14.31	189.3	15.75	198.8	17.27	204.4	18.35	213.8	20.00		
	99	172.1	11.83	185.9	13.85	195.7	15.23	205.5	16.71	211.3	17.75	221.1	19.35		
	95	177.3	11.43	191.5	13.38	201.6	14.72	211.7	16.15	217.7	17.15	227.7	18.70		
	93	177.3	11.01	191.5	12.88	201.6	14.16	211.7	15.53	217.7	16.49	227.7	17.98		
	91	177.3	10.61	191.5	12.40	201.6	13.64	211.7	14.95	217.7	15.88	227.7	17.30		
	87	177.3	9.87	191.5	11.53	201.6	12.67	211.7	13.89	217.7	14.74	227.7	16.06		
	82	177.3	9.03	191.5	10.54	201.6	11.57	211.7	12.68	217.7	13.45	227.7	14.65		
	75	177.3	7.99	191.5	9.32	201.6	10.23	211.7	11.20	217.7	11.88	227.7	12.93		
	72	177.3	7.58	191.5	8.84	201.6	9.70	211.7	10.62	217.7	11.26	227.7	12.25		
	70	177.3	7.33	191.5	8.54	201.6	9.37	211.7	10.25	217.7	10.87	227.7	11.83		
	68	177.3	7.08	191.5	8.25	201.6	9.05	211.7	9.90	217.7	10.50	227.7	11.42		
	65	177.3	6.89	191.5	8.03	201.6	8.81	211.7	9.64	217.7	10.22	227.7	11.12		
	62	177.3	6.74	191.5	7.85	201.6	8.61	211.7	9.42	217.7	9.99	227.7	10.86		
	58	177.3	6.56	191.5	7.63	201.6	8.37	211.7	9.16	217.7	9.71	227.7	10.56		
	54	177.3	6.41	191.5	7.46	201.6	8.18	211.7	8.95	217.7	9.48	227.7	10.31		
	50	177.3	6.26	191.5	7.28	201.6	7.98	211.7	8.73	217.7	9.25	227.7	10.06		
	40	177.3	6.09	191.5	7.08	201.6	7.76	211.7	8.48	217.7	8.99	227.7	9.77		
	30	177.3	5.94	191.5	6.91	201.6	7.57	211.7	8.28	217.7	8.77	227.7	9.53		
	23	177.3	5.84	191.5	6.79	201.6	7.44	211.7	8.14	217.7	8.62	227.7	9.37		
	15	177.3	5.74	191.5	6.67	201.6	7.31	211.7	7.99	217.7	8.47	227.7	9.20		
	5	177.3	5.63	191.5	6.55	201.6	7.18	211.7	7.85	217.7	8.31	227.7	9.04		
130	125	97.3	9.86	105.1	11.41	110.6	12.48	116.2	13.62	119.4	14.41	123.8	15.49		
	122	108.4	10.42	117.1	12.09	123.2	13.24	129.4	14.46	133.0	15.32	137.9	16.48		
	118	124.7	11.34	134.6	13.20	141.7	14.48	148.8	15.83	153.0	16.79	158.6	18.09		
	115	138.8	12.18	149.8	14.21	157.7	15.50	165.6	17.10	170.3	18.14	176.5	19.57		
	110	159.1	13.12	171.9	15.35	180.9	16.89	190.0	18.53	195.3	19.68	202.5	21.25		
	106	165.7	12.72	179.0	14.88	188.4	16.37	197.8	17.96	203.4	19.07	210.8	20.60		
	103	170.5	12.40	184.1	14.52	193.8	15.97	203.5	17.52	209.3	18.61	216.9	20.10		
	99	176.2	12.00	190.3	14.04	200.3	15.45	210.4	16.95	216.3	18.00	224.2	19.44		
	95	181.6	11.59	196.1	13.57	206.4	14.93	216.7	16.37	222.8	17.39	231.0	18.78		
	93	181.6	11.16	196.1	13.06	206.4	14.36	216.7	15.75	222.8	16.73	231.0	18.06		
	91	181.6	10.76	196.1	12.58	206.4	13.83	216.7	15.17	222.8	16.10	231.0	17.39		
	87	181.6	10.01	196.1	11.69	206.4	12.85	216.7	14.09	222.8	14.95	231.0	16.14		
	82	181.6	9.15	196.1	10.69	206.4	11.74	216.7	12.86	222.8	13.64	231.0	14.72		
	75	181.6	8.11	196.1	9.45	206.4	10.38	216.7	11.36	222.8	12.05	231.0	12.99		
	72	181.6	7.69	196.1	8.96	206.4	9.84	216.7	10.77	222.8	11.42	231.0	12.31		
	70	181.6	7.43	196.1	8.66	206.4	9.50	216.7	10.40	222.8	11.03	231.0	11.89		
	68	181.6	7.18	196.1	8.36	206.4	9.18	216.7	10.04	222.8	10.65	231.0	11.48		
	65	181.6	6.99	196.1	8.14	206.4	8.93	216.7	9.77	222.8	10.36	231.0	11.17		
	62	181.6	6.84	196.1	7.96	206.4	8.73	216.7	9.55	222.8	10.13	231.0	10.91		
	58	181.6	6.65	196.1	7.74	206.4	8.49	216.7	9.29	222.8	9.85	231.0	10.61		
	54	181.6	6.50	196.1	7.57	206.4	8.30	216.7	9.07	222.8	9.62	231.0	10.36		
	50	181.6	6.35	196.1	7.39	206.4	8.10	216.7	8.86	222.8	9.39	231.0	10.11		
	40	181.6	6.17	196.1	7.18	206.4	7.87	216.7	8.60	222.8	9.12	231.0	9.82		
	30	181.6	6.03	196.1	7.00	206.4	7.68	216.7	8.39	222.8	8.89	231.0	9.58		
	23	181.6	5.93	196.1	6.89	206.4	7.55	216.7	8.25	222.8	8.75	231.0	9.42		
	15	181.6	5.82	196.1	6.76	206.4	7.41	216.7	8.10	222.8	8.59	231.0	9.25		
	5	181.6	5.71	196.1	6.64	206.4	7.28	216.7	7.96	222.8	8.43	231.0	9.08		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
90	125	81.5	8.16	88.0	9.44	92.6	10.33	97.3	11.27	100.0	11.92	104.6	12.94		
	122	90.7	8.62	98.0	10.01	103.2	10.96	108.3	11.97	111.4	12.67	116.5	13.77		
	118	104.4	9.38	112.7	10.92	118.7	11.98	124.6	13.10	128.1	13.89	134.0	15.11		
	115	116.2	10.07	125.5	11.76	132.1	12.83	138.7	14.15	142.6	15.01	149.2	16.34		
	110	133.2	10.85	143.9	12.70	151.5	13.98	159.0	15.33	163.5	16.28	171.1	17.75		
	106	138.7	10.52	149.8	12.31	157.7	13.55	165.6	14.86	170.3	15.78	178.2	17.20		
	103	142.7	10.26	154.1	12.01	162.3	13.21	170.4	14.50	175.2	15.39	183.3	16.78		
	99	147.5	9.93	159.3	11.62	167.7	12.78	176.1	14.02	181.1	14.89	189.5	16.24		
	95	152.0	9.59	164.2	11.23	172.8	12.35	181.4	13.55	186.6	14.39	195.2	15.69		
	93	152.0	9.24	164.2	10.80	172.8	11.88	181.4	13.03	186.6	13.84	195.2	15.09		
	91	152.0	8.90	164.2	10.41	172.8	11.44	181.4	12.55	186.6	13.32	195.2	14.52		
	87	152.0	8.28	164.2	9.67	172.8	10.63	181.4	11.65	186.6	12.37	195.2	13.48		
	82	152.0	7.57	164.2	8.84	172.8	9.71	181.4	10.64	186.6	11.29	195.2	12.29		
	75	152.0	6.71	164.2	7.82	172.8	8.59	181.4	9.40	186.6	9.97	195.2	10.85		
	72	152.0	6.36	164.2	7.41	172.8	8.14	181.4	8.91	186.6	9.45	195.2	10.28		
	70	152.0	6.15	164.2	7.16	172.8	7.86	181.4	8.60	186.6	9.12	195.2	9.93		
	68	152.0	5.94	164.2	6.92	172.8	7.59	181.4	8.31	186.6	8.81	195.2	9.59		
	65	152.0	5.78	164.2	6.74	172.8	7.39	181.4	8.09	186.6	8.57	195.2	9.33		
	62	152.0	5.66	164.2	6.59	172.8	7.23	181.4	7.90	186.6	8.38	195.2	9.11		
	58	152.0	5.50	164.2	6.41	172.8	7.03	181.4	7.68	186.6	8.15	195.2	8.86		
	54	152.0	5.38	164.2	6.26	172.8	6.86	181.4	7.51	186.6	7.96	195.2	8.65		
	50	152.0	5.25	164.2	6.11	172.8	6.70	181.4	7.33	186.6	7.77	195.2	8.44		
	40	152.0	5.11	164.2	5.94	172.8	6.51	181.4	7.12	186.6	7.54	195.2	8.20		
	30	152.0	4.99	164.2	5.79	172.8	6.35	181.4	6.94	186.6	7.36	195.2	8.00		
	23	152.0	4.90	164.2	5.70	172.8	6.25	181.4	6.83	186.6	7.24	195.2	7.86		
	15	152.0	4.81	164.2	5.60	172.8	6.13	181.4	6.70	186.6	7.10	195.2	7.72		
	5	152.0	4.73	164.2	5.49	172.8	6.02	181.4	6.58	186.6	6.98	195.2	7.58		
80	125	72.4	6.97	78.2	8.07	82.3	8.83	86.4	9.63	88.9	10.20	93.0	11.06		
	122	80.7	7.37	87.1	8.55	91.7	9.37	96.3	10.23	99.0	10.84	103.6	11.77		
	118	92.8	8.02	100.2	9.33	105.5	10.24	110.7	11.20	113.9	11.87	119.1	12.92		
	115	103.3	8.61	111.5	10.05	117.4	10.97	123.3	12.09	126.7	12.83	132.6	13.97		
	110	118.4	9.28	127.9	10.86	134.6	11.95	141.4	13.11	145.4	13.92	152.1	15.18		
	106	123.3	8.99	133.2	10.53	140.2	11.58	147.2	12.70	151.4	13.49	158.4	14.71		
	103	126.9	8.77	137.0	10.27	144.2	11.30	151.4	12.39	155.7	13.16	162.9	14.35		
	99	131.2	8.49	141.6	9.93	149.1	10.93	156.5	11.99	161.0	12.73	168.4	13.88		
	95	135.1	8.20	145.9	9.60	153.6	10.56	161.3	11.58	165.8	12.30	173.5	13.41		
	93	135.1	7.90	145.9	9.24	153.6	10.16	161.3	11.14	165.8	11.83	173.5	12.90		
	91	135.1	7.61	145.9	8.90	153.6	9.79	161.3	10.73	165.8	11.39	173.5	12.41		
	87	135.1	7.08	145.9	8.27	153.6	9.09	161.3	9.96	165.8	10.58	173.5	11.52		
	82	135.1	6.48	145.9	7.56	153.6	8.30	161.3	9.10	165.8	9.65	173.5	10.51		
	75	135.1	5.73	145.9	6.69	153.6	7.34	161.3	8.04	165.8	8.52	173.5	9.28		
	72	135.1	5.44	145.9	6.34	153.6	6.96	161.3	7.62	165.8	8.08	173.5	8.79		
	70	135.1	5.26	145.9	6.12	153.6	6.72	161.3	7.36	165.8	7.80	173.5	8.49		
	68	135.1	5.08	145.9	5.92	153.6	6.49	161.3	7.10	165.8	7.53	173.5	8.20		
	65	135.1	4.95	145.9	5.76	153.6	6.32	161.3	6.91	165.8	7.33	173.5	7.97		
	62	135.1	4.84	145.9	5.63	153.6	6.18	161.3	6.76	165.8	7.16	173.5	7.79		
	58	135.1	4.71	145.9	5.48	153.6	6.01	161.3	6.57	165.8	6.96	173.5	7.57		
	54	135.1	4.60	145.9	5.35	153.6	5.87	161.3	6.42	165.8	6.80	173.5	7.40		
	50	135.1	4.49	145.9	5.22	153.6	5.73	161.3	6.26	165.8	6.64	173.5	7.22		
	40	135.1	4.37	145.9	5.08	153.6	5.57	161.3	6.08	165.8	6.45	173.5	7.01		
	30	135.1	4.26	145.9	4.95	153.6	5.43	161.3	5.94	165.8	6.29	173.5	6.84		
	23	135.1	4.19	145.9	4.87	153.6	5.34	161.3	5.84	165.8	6.19	173.5	6.72		
	15	135.1	4.12	145.9	4.78	153.6	5.24	161.3	5.73	165.8	6.07	173.5	6.60		
	5	135.1	4.04	145.9	4.70	153.6	5.15	161.3	5.63	165.8	5.96	173.5	6.48		
70	125	63.4	5.88	68.4	6.81	72.0	7.44	75.6	8.12	77.8	8.59	81.4	9.32		
	122	70.6	6.21	76.2	7.21	80.2	7.90	84.2	8.62	86.6	9.13	90.6	9.92		
	118	81.2	6.76	87.7	7.87	92.3	8.63	96.9	9.44	99.6	10.01	104.3	10.89		
	115	90.4	7.26	97.6	8.47	102.7	9.24	107.8	10.19	110.9	10.82	116.0	11.78		
	110	103.6	7.82	111.9	9.15	117.8	10.07	123.7	11.05	127.2	11.73	133.1	12.79		
	106	107.9	7.58	116.5	8.87	122.7	9.76	128.8	10.71	132.4	11.37	138.6	12.40		
	103	111.0	7.40	119.9	8.66	126.2	9.52	132.5	10.45	136.3	11.09	142.6	12.09		
	99	114.8	7.15	123.9	8.37	130.5	9.21	137.0	10.10	140.8	10.73	147.4	11.70		
	95	118.2	6.91	127.7	8.09	134.4	8.90	141.1	9.76	145.1	10.37	151.8	11.30		
	93	118.2	6.66	127.7	7.79	134.4	8.56	141.1	9.39	145.1	9.97	151.8	10.87		
	91	118.2	6.41	127.7	7.50	134.4	8.25	141.1	9.04	145.1	9.60	151.8	10.46		
	87	118.2	5.97	127.7	6.97	134.4	7.66	141.1	8.40	145.1	8.91	151.8	9.71		
	82	118.2	5.46	127.7	6.37	134.4	7.00	141.1	7.67	145.1	8.13	151.8	8.86		
	75	118.2	4.83	127.7	5.64	134.4	6.19	141.1	6.77	145.1	7.18	151.8	7.82		
	72	118.2	4.58	127.7	5.34	134.4	5.87	141.1	6.42	145.1	6.81	151.8	7.41		
	70	118.2	4.43	127.7	5.16	134.4	5.67	141.1	6.20	145.1	6.57	151.8	7.15		
	68	118.2	4.28	127.7	4.99	134.4	5.47	141.1	5.99	145.1	6.35	151.8	6.91		
	65	118.2	4.17	127.7	4.85	134.4	5.33	141.1	5.83	145.1	6.18	151.8	6.72		
	62	118.2	4.08	127.7	4.75	134.4	5.21	141.1	5.70	145.1	6.04	151.8	6.57		
	58	118.2	3.97	127.7	4.62	134.4	5.06	141.1	5.54	145.1	5.87	151.8	6.38		
	54	118.2	3.88	127.7	4.51	134.4	4.95	141.1	5.41	145.1	5.73	151.8	6.24		
	50	118.2	3.79	127.7	4.40	134.4	4.83	141.1	5.28	145.1	5.60	151.8	6.08		
	40	118.2	3.68	127.7	4.28	134.4	4.69	141.1	5.13	145.1	5.43	151.8	5.91		
	30	118.2	3.59	127.7	4.18	134.4	4.58	141.1	5.00	145.1	5.30	151.8	5.76		
	23	118.2	3.53	127.7	4.11	134.4	4.50	141.1	4.92	145.1	5.21	151.8	5.67		
	15	118.2	3.47	127.7	4.03	134.4	4.42	141.1	4.83	145.1	5.12	151.8	5.56		
	5	118.2	3.41	127.7	3.96	134.4	4.34	141.1	4.74	145.1	5.03	151.8	5.46		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the

COOLING (°F)

MMY-UP240H1FT6PUL/MMY-UP240H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	113.2	13.57	122.2	15.41	128.6	16.67	135.1	17.99	138.9	18.90	145.4	20.29
	122	126.1	14.18	136.1	16.13	143.3	17.46	150.4	18.86	154.7	19.83	161.9	21.31
	118	145.0	15.16	156.6	17.29	164.8	18.74	173.0	20.26	178.0	21.33	186.2	22.94
	115	161.4	16.05	174.2	18.33	183.4	19.80	192.6	21.53	198.1	22.68	207.3	24.42
	110	185.1	16.99	199.8	19.45	210.4	21.13	220.9	22.90	227.2	24.13	237.7	26.01
	106	192.8	16.47	208.1	18.85	219.1	20.48	230.0	22.19	236.6	23.39	247.5	25.21
	103	198.3	16.07	214.1	18.39	225.4	19.98	236.6	21.65	243.4	22.82	254.7	24.59
	99	205.0	15.54	221.3	17.79	233.0	19.33	244.6	20.94	251.6	22.07	263.2	23.79
	95	211.2	15.01	228.0	17.18	240.0	18.67	252.0	20.23	259.2	21.32	271.2	22.98
	93	211.2	14.50	228.0	16.59	240.0	18.02	252.0	19.53	259.2	20.58	271.2	22.17
	91	211.2	14.02	228.0	16.03	240.0	17.41	252.0	18.86	259.2	19.87	271.2	21.41
	87	211.2	13.11	228.0	14.98	240.0	16.27	252.0	17.62	259.2	18.56	271.2	19.99
	82	211.2	12.06	228.0	13.77	240.0	14.95	252.0	16.18	259.2	17.04	271.2	18.35
	75	211.2	10.75	228.0	12.27	240.0	13.31	252.0	14.40	259.2	15.16	271.2	16.31
	72	211.2	10.22	228.0	11.66	240.0	12.65	252.0	13.68	259.2	14.40	271.2	15.50
	70	211.2	9.89	228.0	11.28	240.0	12.23	252.0	13.23	259.2	13.93	271.2	14.99
	68	211.2	9.57	228.0	10.91	240.0	11.83	252.0	12.80	259.2	13.47	271.2	14.49
	65	211.2	9.33	228.0	10.64	240.0	11.54	252.0	12.48	259.2	13.13	271.2	14.13
	62	211.2	9.14	228.0	10.42	240.0	11.30	252.0	12.22	259.2	12.86	271.2	13.83
	58	211.2	8.91	228.0	10.16	240.0	11.01	252.0	11.90	259.2	12.53	271.2	13.47
	54	211.2	8.73	228.0	9.94	240.0	10.78	252.0	11.65	259.2	12.26	271.2	13.18
	50	211.2	8.53	228.0	9.72	240.0	10.53	252.0	11.38	259.2	11.98	271.2	12.88
	40	211.2	8.31	228.0	9.47	240.0	10.26	252.0	11.09	259.2	11.66	271.2	12.54
	30	211.2	8.12	228.0	9.25	240.0	10.02	252.0	10.83	259.2	11.39	271.2	12.25
	23	211.2	7.99	228.0	9.10	240.0	9.86	252.0	10.66	259.2	11.21	271.2	12.05
	15	211.2	7.85	228.0	8.94	240.0	9.68	252.0	10.47	259.2	11.01	271.2	11.84
	5	211.2	7.71	228.0	8.78	240.0	9.51	252.0	10.28	259.2	10.81	271.2	11.62
110	125	115.5	13.71	124.7	15.56	131.2	16.84	137.8	18.17	141.7	19.10	148.3	20.50
	122	128.6	14.33	138.8	16.29	146.1	17.64	153.5	19.05	157.8	20.04	165.1	21.53
	118	147.9	15.32	159.7	17.46	168.1	18.93	176.5	20.47	181.5	21.54	189.9	23.17
	115	164.6	16.22	177.7	18.52	187.1	20.00	196.4	21.75	202.0	22.91	211.4	24.66
	110	188.8	17.17	203.8	19.65	214.6	21.35	225.3	23.13	231.7	24.38	242.5	26.27
	106	196.6	16.64	212.3	19.04	223.4	20.69	234.6	22.42	241.3	23.63	252.5	25.47
	103	202.3	16.23	218.4	18.58	229.9	20.18	241.4	21.87	248.3	23.05	259.7	24.84
	99	209.1	15.70	225.7	17.97	237.6	19.52	249.5	21.16	256.6	22.30	268.5	24.03
	95	215.4	15.17	232.6	17.36	244.8	18.86	257.0	20.44	264.4	21.54	276.6	23.22
	93	215.4	14.65	232.6	16.76	244.8	18.21	257.0	19.73	264.4	20.79	276.6	22.40
	91	215.4	14.16	232.6	16.19	244.8	17.59	257.0	19.05	264.4	20.07	276.6	21.63
	87	215.4	13.24	232.6	15.14	244.8	16.43	257.0	17.80	264.4	18.74	276.6	20.19
	82	215.4	12.18	232.6	13.91	244.8	15.10	257.0	16.35	264.4	17.21	276.6	18.53
	75	215.4	10.86	232.6	12.39	244.8	13.44	257.0	14.54	264.4	15.31	276.6	16.48
	72	215.4	10.32	232.6	11.78	244.8	12.77	257.0	13.82	264.4	14.55	276.6	15.66
	70	215.4	9.99	232.6	11.40	244.8	12.36	257.0	13.37	264.4	14.07	276.6	15.14
	68	215.4	9.66	232.6	11.02	244.8	11.95	257.0	12.93	264.4	13.61	276.6	14.64
	65	215.4	9.43	232.6	10.75	244.8	11.66	257.0	12.61	264.4	13.27	276.6	14.27
	62	215.4	9.24	232.6	10.53	244.8	11.41	257.0	12.34	264.4	12.99	276.6	13.97
	58	215.4	9.00	232.6	10.26	244.8	11.12	257.0	12.03	264.4	12.66	276.6	13.61
	54	215.4	8.81	232.6	10.04	244.8	10.89	257.0	11.77	264.4	12.38	276.6	13.32
	50	215.4	8.62	232.6	9.82	244.8	10.64	257.0	11.50	264.4	12.10	276.6	13.01
	40	215.4	8.40	232.6	9.56	244.8	10.36	257.0	11.20	264.4	11.78	276.6	12.67
	30	215.4	8.21	232.6	9.34	244.8	10.12	257.0	10.94	264.4	11.51	276.6	12.38
	23	215.4	8.07	232.6	9.19	244.8	9.96	257.0	10.77	264.4	11.33	276.6	12.18
	15	215.4	7.93	232.6	9.03	244.8	9.78	257.0	10.57	264.4	11.12	276.6	11.96
	5	215.4	7.79	232.6	8.87	244.8	9.61	257.0	10.38	264.4	10.92	276.6	11.74
120	125	118.9	13.97	128.3	15.87	135.1	17.17	141.8	18.53	145.9	19.47	152.6	20.90
	122	132.4	14.61	142.9	16.61	150.4	17.99	158.0	19.43	162.5	20.43	170.0	21.95
	118	152.3	15.62	164.4	17.81	173.0	19.30	181.7	20.87	186.9	21.97	195.5	23.63
	115	169.5	16.54	183.0	18.88	192.6	20.39	202.2	22.18	208.0	23.36	217.6	25.15
	110	194.4	17.50	209.8	20.03	220.9	21.76	231.9	23.59	238.5	24.86	249.6	26.79
	106	202.4	16.97	218.5	19.42	230.0	21.10	241.5	22.86	248.4	24.09	259.9	25.97
	103	208.2	16.55	224.8	18.94	236.6	20.58	248.5	22.30	255.6	23.50	267.4	25.33
	99	215.2	16.01	232.4	18.32	244.6	19.91	256.8	21.57	264.2	22.73	276.4	24.50
	95	221.8	15.47	239.4	17.70	252.0	19.23	264.6	20.84	272.2	21.96	284.8	23.67
	93	221.8	14.94	239.4	17.09	252.0	18.57	264.6	20.12	272.2	21.20	284.8	22.84
	91	221.8	14.44	239.4	16.51	252.0	17.93	264.6	19.43	272.2	20.47	284.8	22.05
	87	221.8	13.50	239.4	15.43	252.0	16.76	264.6	18.14	272.2	19.11	284.8	20.59
	82	221.8	12.42	239.4	14.19	252.0	15.40	264.6	16.67	272.2	17.55	284.8	18.90
	75	221.8	11.07	239.4	12.63	252.0	13.71	264.6	14.83	272.2	15.61	284.8	16.80
	72	221.8	10.53	239.4	12.01	252.0	13.03	264.6	14.09	272.2	14.83	284.8	15.96
	70	221.8	10.19	239.4	11.62	252.0	12.60	264.6	13.63	272.2	14.35	284.8	15.44
	68	221.8	9.85	239.4	11.24	252.0	12.19	264.6	13.18	272.2	13.87	284.8	14.93
	65	221.8	9.61	239.4	10.96	252.0	11.89	264.6	12.85	272.2	13.53	284.8	14.55
	62	221.8	9.42	239.4	10.74	252.0	11.64	264.6	12.59	272.2	13.25	284.8	14.25
	58	221.8	9.18	239.4	10.46	252.0	11.34	264.6	12.26	272.2	12.90	284.8	13.88
	54	221.8	8.99	239.4	10.24	252.0	11.10	264.6	12.00	272.2	12.63	284.8	13.58
	50	221.8	8.79	239.4	10.01	252.0	10.85	264.6	11.73	272.2	12.34	284.8	13.27
	40	221.8	8.56	239.4	9.75	252.0	10.57	264.6	11.42	272.2	12.01	284.8	12.92
	30	221.8	8.37	239.4	9.53	252.0	10.32	264.6	11.16	272.2	11.74	284.8	12.62
	23	221.8	8.23	239.4	9.38	252.0	10.16	264.6	10.98	272.2	11.55	284.8	12.41
	15	221.8	8.09	239.4	9.21	252.0	9.97	264.6	10.78	272.2	11.34	284.8	12.19
	5	221.8	7.94	239.4	9.04	252.0	9.80	264.6	10.59	272.2	11.14	284.8	11.97
130	125	121.7	14.17	131.4	16.09	138.3	17.41	145.2	18.79	149.4	19.75	154.8	21.00
	122	135.5	14.81	146.3	16.85	154.0	18.24	161.7	19.70	166.3	20.72	172.4	22.05
	118	155.9	15.84	168.3	18.06	177.2	19.58	186.0	21.17	191.3	22.28	198.3	23.74
	115	173.5	16.77	187.3	19.15	197.2	20.68	207.0	22.50	212.9	23.69	220.7	25.27
	110	199.0	17.75	214.8	20.32	226.1	22.07	237.4	23.92	244.2	25.21	253.2	26.92
	106	207.2	17.21	223.7	19.69	235.5	21.40	247.3	23.19	254.3	24.44	263.6	26.09
	103	213.2	16.79	230.1	19.21	242.3	20.87	254.4	22.62	261.6	23.84	271.2	25.45
	99	220.4	16.24	237.9	18.58	250.4	20.19	262.9	21.88	270.5	23.06	280.3	24.62
	95	227.0	15.68	245.1	17.95	258.0	19.50	270.9	21.14	278.6	22.27	288.8	23.78
	93	227.0	15.15	245.1	17.33	258.0	18.83	270.9	20.40	278.6	21.50	288.8	22.95
	91	227.0	14.64	245.1	16.75	258.0	18.19	270.9	19.70	278.6	20.76	288.8	22.16
	87	227.0	13.69	245.1	15.65	258.0	16.99	270.9	18.40	278.6	19.38	288.8	20.68
	82	227.0	12.60	245.1	14.39	258.0	15.62	270.9	16.90	278.6	17.80	288.8	18.99
	75	227.0	11.23	245.1	12.81	258.0	13.90	270.9	15.04	278.6	15.83	288.8	16.88
	72	227.0	10.68	245.1	12.18	258.0	13.21	270.9	14.29	278.6	15.04	288.8	16.04
	70	227.0	10.33	245.1	11.78	258.0	12.78	270.9	13.82	278.6	14.55	288.8	15.51
	68	227.0	9.99	245.1	11.40	258.0	12.36	270.9	13.37	278.6	14.07	288.8	15.00
	65	227.0	9.75	245.1	11.12	258.0	12.05	270.9	13.04	278.6	13.72	288.8	14.62
	62	227.0	9.55	245.1	10.89	258.0	11.80	270.9	12.76	278.6	13.43	288.8	14.32
	58	227.0	9.31	245.1	10.61	258.0	11.50	270.9	12.44	278.6	13.09	288.8	13.94
	54	227.0	9.11	245.1	10.39	258.0	11.26	270.9	12.17	278.6	12.81	288.8	13.64
	50	227.0	8.91	245.1	10.15	258.0	11.00	270.9	11.89	278.6	12.51	288.8	13.33
	40	227.0	8.68	245.1	9.89	258.0	10.72	270.9	11.58	278.6	12.18	288.8	12.98
	30	227.0	8.49	245.1	9.66	258.0	10.47	270.9	11.32	278.6	11.90	288.8	12.68
	23	227.0	8.35	245.1	9.51	258.0	10.30	270.9	11.13	278.6	11.71	288.8	12.47
	15	227.0	8.20	245.1	9.34	258.0	10.12	270.9	10.93	278.6	11.50	288.8	12.25
	5	227.0	8.05	245.1	9.17	258.0	9.94	270.9	10.74	278.6	11.30	288.8	12.03

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	101.9	11.73	110.0	13.32	115.8	14.40	121.6	15.54	125.0	16.34	130.8	17.54
	122	113.5	12.26	122.5	13.94	129.0	15.09	135.4	16.30	139.3	17.14	145.7	18.42
	118	130.5	13.11	140.9	14.94	148.3	16.20	155.7	17.51	160.2	18.43	167.6	19.83
	115	145.3	13.88	156.8	15.85	165.1	17.11	173.3	18.61	178.3	19.60	186.5	21.10
	110	166.6	14.69	179.9	16.81	189.3	18.26	198.8	19.79	204.5	20.86	213.9	22.48
	106	173.5	14.24	187.3	16.29	197.2	17.70	207.0	19.18	212.9	20.22	222.8	21.79
	103	178.5	13.89	192.7	15.89	202.8	17.27	213.0	18.71	219.0	19.72	229.2	21.26
	99	184.5	13.43	199.2	15.37	209.7	16.70	220.1	18.10	226.4	19.08	236.9	20.56
	95	190.1	12.98	205.2	14.85	216.0	16.14	226.8	17.49	233.3	18.43	244.1	19.86
	93	190.1	12.53	205.2	14.34	216.0	15.58	226.8	16.88	233.3	17.79	244.1	19.17
	91	190.1	12.11	205.2	13.86	216.0	15.05	226.8	16.30	233.3	17.17	244.1	18.50
	87	190.1	11.33	205.2	12.95	216.0	14.06	226.8	15.22	233.3	16.04	244.1	17.27
	82	190.1	10.42	205.2	11.90	216.0	12.92	226.8	13.98	233.3	14.73	244.1	15.86
	75	190.1	9.29	205.2	10.60	216.0	11.50	226.8	12.44	233.3	13.10	244.1	14.10
	72	190.1	8.83	205.2	10.08	216.0	10.93	226.8	11.82	233.3	12.45	244.1	13.39
	70	190.1	8.55	205.2	9.75	216.0	10.57	226.8	11.44	233.3	12.04	244.1	12.95
	68	190.1	8.27	205.2	9.43	216.0	10.23	226.8	11.06	233.3	11.64	244.1	12.52
	65	190.1	8.07	205.2	9.20	216.0	9.97	226.8	10.79	233.3	11.35	244.1	12.21
	62	190.1	7.90	205.2	9.01	216.0	9.77	226.8	10.56	233.3	11.11	244.1	11.96
	58	190.1	7.70	205.2	8.78	216.0	9.52	226.8	10.29	233.3	10.83	244.1	11.65
	54	190.1	7.54	205.2	8.59	216.0	9.31	226.8	10.07	233.3	10.59	244.1	11.39
	50	190.1	7.37	205.2	8.40	216.0	9.10	226.8	9.84	233.3	10.35	244.1	11.13
	40	190.1	7.18	205.2	8.18	216.0	8.87	226.8	9.58	233.3	10.08	244.1	10.84
	30	190.1	7.02	205.2	8.00	216.0	8.66	226.8	9.36	233.3	9.85	244.1	10.59
	23	190.1	6.91	205.2	7.87	216.0	8.52	226.8	9.21	233.3	9.69	244.1	10.42
	15	190.1	6.78	205.2	7.73	216.0	8.37	226.8	9.05	233.3	9.52	244.1	10.23
	5	190.1	6.66	205.2	7.59	216.0	8.22	226.8	8.88	233.3	9.35	244.1	10.05
80	125	90.6	10.03	97.8	11.38	102.9	12.32	108.1	13.29	111.1	13.97	116.3	15.00
	122	100.9	10.48	108.9	11.92	114.6	12.90	120.4	13.94	123.8	14.66	129.5	15.75
	118	116.0	11.21	125.2	12.77	131.8	13.85	138.4	14.97	142.4	15.76	149.0	16.95
	115	129.1	11.86	139.4	13.55	146.7	14.63	154.1	15.91	158.5	16.76	165.8	18.04
	110	148.1	12.56	159.9	14.37	168.3	15.61	176.7	16.92	181.8	17.83	190.2	19.22
	106	154.2	12.17	166.5	13.93	175.2	15.14	184.0	16.40	189.3	17.29	198.0	18.63
	103	158.7	11.87	171.3	13.59	180.3	14.76	189.3	16.00	194.7	16.86	203.7	18.17
	99	164.0	11.48	177.0	13.14	186.4	14.28	195.7	15.48	201.3	16.31	210.6	17.58
	95	169.0	11.09	182.4	12.70	192.0	13.80	201.6	14.95	207.4	15.76	217.0	16.98
	93	169.0	10.72	182.4	12.26	192.0	13.32	201.6	14.43	207.4	15.21	217.0	16.39
	91	169.0	10.36	182.4	11.85	192.0	12.87	201.6	13.94	207.4	14.68	217.0	15.82
	87	169.0	9.69	182.4	11.07	192.0	12.02	201.6	13.02	207.4	13.71	217.0	14.77
	82	169.0	8.91	182.4	10.18	192.0	11.05	201.6	11.96	207.4	12.59	217.0	13.56
	75	169.0	7.94	182.4	9.06	192.0	9.83	201.6	10.64	207.4	11.20	217.0	12.05
	72	169.0	7.55	182.4	8.62	192.0	9.34	201.6	10.11	207.4	10.64	217.0	11.45
	70	169.0	7.31	182.4	8.34	192.0	9.04	201.6	9.78	207.4	10.29	217.0	11.08
	68	169.0	7.07	182.4	8.06	192.0	8.74	201.6	9.46	207.4	9.95	217.0	10.71
	65	169.0	6.90	182.4	7.86	192.0	8.53	201.6	9.22	207.4	9.71	217.0	10.44
	62	169.0	6.76	182.4	7.70	192.0	8.35	201.6	9.03	207.4	9.50	217.0	10.22
	58	169.0	6.59	182.4	7.51	192.0	8.14	201.6	8.80	207.4	9.26	217.0	9.96
	54	169.0	6.45	182.4	7.35	192.0	7.96	201.6	8.61	207.4	9.06	217.0	9.74
	50	169.0	6.30	182.4	7.18	192.0	7.78	201.6	8.41	207.4	8.85	217.0	9.52
	40	169.0	6.14	182.4	7.00	192.0	7.58	201.6	8.19	207.4	8.62	217.0	9.27
	30	169.0	6.00	182.4	6.84	192.0	7.41	201.6	8.00	207.4	8.42	217.0	9.05
	23	169.0	5.91	182.4	6.73	192.0	7.29	201.6	7.88	207.4	8.28	217.0	8.91
	15	169.0	5.80	182.4	6.61	192.0	7.16	201.6	7.73	207.4	8.14	217.0	8.75
	5	169.0	5.70	182.4	6.49	192.0	7.03	201.6	7.60	207.4	7.99	217.0	8.59
70	125	79.2	8.45	85.5	9.60	90.1	10.38	94.6	11.20	97.3	11.77	101.8	12.64
	122	88.3	8.83	95.3	10.05	100.3	10.88	105.3	11.75	108.3	12.35	113.3	13.27
	118	101.5	9.45	109.6	10.77	115.4	11.67	121.1	12.62	124.6	13.28	130.4	14.29
	115	113.0	10.00	122.0	11.42	128.4	12.33	134.8	13.41	138.7	14.12	145.1	15.21
	110	129.6	10.58	139.9	12.11	147.3	13.16	154.6	14.26	159.0	15.03	166.4	16.20
	106	134.9	10.26	145.7	11.74	153.3	12.76	161.0	13.82	165.6	14.57	173.3	15.70
	103	138.8	10.01	149.9	11.45	157.7	12.44	165.6	13.49	170.4	14.21	178.3	15.32
	99	143.5	9.68	154.9	11.08	163.1	12.04	171.2	13.04	176.1	13.75	184.3	14.82
	95	147.8	9.35	159.6	10.70	168.0	11.63	176.4	12.60	181.4	13.28	189.8	14.31
	93	147.8	9.03	159.6	10.33	168.0	11.23	176.4	12.16	181.4	12.82	189.8	13.81
	91	147.8	8.73	159.6	9.98	168.0	10.84	176.4	11.75	181.4	12.38	189.8	13.33
	87	147.8	8.17	159.6	9.33	168.0	10.13	176.4	10.97	181.4	11.56	189.8	12.45
	82	147.8	7.51	159.6	8.58	168.0	9.31	176.4	10.08	181.4	10.61	189.8	11.43
	75	147.8	6.69	159.6	7.64	168.0	8.29	176.4	8.97	181.4	9.44	189.8	10.16
	72	147.8	6.37	159.6	7.26	168.0	7.88	176.4	8.52	181.4	8.97	189.8	9.65
	70	147.8	6.16	159.6	7.03	168.0	7.62	176.4	8.24	181.4	8.68	189.8	9.33
	68	147.8	5.96	159.6	6.80	168.0	7.37	176.4	7.97	181.4	8.39	189.8	9.03
	65	147.8	5.81	159.6	6.63	168.0	7.19	176.4	7.77	181.4	8.18	189.8	8.80
	62	147.8	5.69	159.6	6.49	168.0	7.04	176.4	7.61	181.4	8.01	189.8	8.62
	58	147.8	5.55	159.6	6.33	168.0	6.86	176.4	7.41	181.4	7.80	189.8	8.39
	54	147.8	5.43	159.6	6.19	168.0	6.71	176.4	7.26	181.4	7.63	189.8	8.21
	50	147.8	5.31	159.6	6.05	168.0	6.56	176.4	7.09	181.4	7.46	189.8	8.02
	40	147.8	5.18	159.6	5.90	168.0	6.39	176.4	6.91	181.4	7.26	189.8	7.81
	30	147.8	5.06	159.6	5.76	168.0	6.24	176.4	6.75	181.4	7.10	189.8	7.63
	23	147.8	4.98	159.6	5.67	168.0	6.14	176.4	6.64	181.4	6.98	189.8	7.51
	15	147.8	4.89	159.6	5.57	168.0	6.03	176.4	6.52	181.4	6.86	189.8	7.37
	5	147.8	4.80	159.6	5.47	168.0	5.92	176.4	6.40	181.4	6.73	189.8	7.24

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP288H1FT6PUL/MMY-UP288H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
100	125	135.8	16.19	146.7	18.47	154.4	20.04	162.1	21.70	166.7	22.86	174.4	24.64		
	122	151.3	16.97	163.3	19.40	171.9	21.08	180.5	22.86	185.7	24.10	194.3	26.00		
	118	174.0	18.23	187.9	20.92	197.8	22.77	207.6	24.74	213.5	26.11	223.4	28.22		
	115	193.7	19.38	209.1	22.31	220.1	24.22	231.1	26.46	237.7	27.95	248.7	30.25		
	110	222.1	20.64	239.8	23.84	252.4	26.04	265.1	28.37	272.6	30.01	285.2	32.52		
	106	231.3	20.01	249.7	23.11	262.9	25.24	276.0	27.50	283.9	29.09	297.0	31.52		
	103	237.9	19.52	256.9	22.54	270.4	24.62	283.9	26.83	292.0	28.37	305.5	30.75		
	99	246.0	18.88	265.6	21.80	279.5	23.82	293.5	25.95	301.9	27.45	315.8	29.74		
	95	253.4	18.24	273.6	21.06	288.0	23.01	302.4	25.07	311.0	26.52	325.4	28.74		
	93	253.4	17.60	273.6	20.31	288.0	22.18	302.4	24.16	311.0	25.55	325.4	27.68		
	91	253.4	16.99	273.6	19.60	288.0	21.40	302.4	23.30	311.0	24.64	325.4	26.69		
	87	253.4	15.86	273.6	18.28	288.0	19.95	302.4	21.71	311.0	22.95	325.4	24.85		
	82	253.4	14.56	273.6	16.77	288.0	18.28	302.4	19.89	311.0	21.01	325.4	22.74		
	75	253.4	12.95	273.6	14.89	288.0	16.23	302.4	17.64	311.0	18.63	325.4	20.15		
	72	253.4	12.31	273.6	14.14	288.0	15.41	302.4	16.75	311.0	17.68	325.4	19.12		
	70	253.4	11.90	273.6	13.68	288.0	14.90	302.4	16.19	311.0	17.09	325.4	18.48		
	68	253.4	11.51	273.6	13.22	288.0	14.40	302.4	15.65	311.0	16.52	325.4	17.86		
	65	253.4	11.23	273.6	12.89	288.0	14.03	302.4	15.25	311.0	16.10	325.4	17.40		
	62	253.4	10.99	273.6	12.61	288.0	13.73	302.4	14.92	311.0	15.75	325.4	17.02		
	58	253.4	10.71	273.6	12.28	288.0	13.37	302.4	14.52	311.0	15.33	325.4	16.56		
	54	253.4	10.48	273.6	12.02	288.0	13.08	302.4	14.20	311.0	14.99	325.4	16.19		
	50	253.4	10.24	273.6	11.74	288.0	12.78	302.4	13.87	311.0	14.64	325.4	15.81		
	40	253.4	9.97	273.6	11.43	288.0	12.43	302.4	13.50	311.0	14.24	325.4	15.38		
	30	253.4	9.74	273.6	11.16	288.0	12.14	302.4	13.18	311.0	13.90	325.4	15.01		
	23	253.4	9.58	273.6	10.98	288.0	11.94	302.4	12.96	311.0	13.68	325.4	14.77		
	15	253.4	9.41	273.6	10.78	288.0	11.73	302.4	12.73	311.0	13.43	325.4	14.50		
	5	253.4	9.24	273.6	10.59	288.0	11.52	302.4	12.50	311.0	13.19	325.4	14.24		
110	125	138.5	16.36	149.6	18.66	157.5	20.25	165.3	21.93	170.0	23.10	177.9	24.89		
	122	154.3	17.14	166.6	19.60	175.4	21.30	184.1	23.09	189.4	24.35	198.1	26.27		
	118	177.5	18.41	191.6	21.13	201.7	23.01	211.8	24.99	217.8	26.38	227.9	28.50		
	115	197.5	19.58	213.3	22.54	224.5	24.47	235.7	26.73	242.4	28.24	253.6	30.56		
	110	226.5	20.86	244.6	24.08	257.5	26.30	270.4	28.66	278.0	30.31	290.9	32.85		
	106	235.9	20.22	254.7	23.34	268.1	25.50	281.5	27.78	289.5	29.38	302.9	31.84		
	103	242.7	19.72	262.0	22.77	275.8	24.87	289.6	27.10	297.9	28.66	311.7	31.06		
	99	250.9	19.08	270.9	22.03	285.1	24.06	299.4	26.21	307.9	27.73	322.2	30.05		
	95	258.5	18.43	279.1	21.28	293.8	23.25	308.4	25.33	317.2	26.79	331.9	29.03		
	93	258.5	17.78	279.1	20.52	293.8	22.41	308.4	24.41	317.2	25.81	331.9	27.97		
	91	258.5	17.17	279.1	19.80	293.8	21.62	308.4	23.54	317.2	24.89	331.9	26.96		
	87	258.5	16.03	279.1	18.47	293.8	20.15	308.4	21.93	317.2	23.18	331.9	25.10		
	82	258.5	14.71	279.1	16.94	293.8	18.47	308.4	20.09	317.2	21.23	331.9	22.97		
	75	258.5	13.09	279.1	15.04	293.8	16.39	308.4	17.82	317.2	18.82	331.9	20.36		
	72	258.5	12.43	279.1	14.29	293.8	15.57	308.4	16.92	317.2	17.87	331.9	19.32		
	70	258.5	12.03	279.1	13.82	293.8	15.05	308.4	16.35	317.2	17.27	331.9	18.67		
	68	258.5	11.63	279.1	13.36	293.8	14.55	308.4	15.81	317.2	16.69	331.9	18.04		
	65	258.5	11.34	279.1	13.02	293.8	14.18	308.4	15.40	317.2	16.26	331.9	17.58		
	62	258.5	11.10	279.1	12.74	293.8	13.87	308.4	15.07	317.2	15.91	331.9	17.19		
	58	258.5	10.82	279.1	12.41	293.8	13.51	308.4	14.67	317.2	15.48	331.9	16.73		
	54	258.5	10.58	279.1	12.14	293.8	13.21	308.4	14.35	317.2	15.14	331.9	16.36		
	50	258.5	10.34	279.1	11.86	293.8	12.91	308.4	14.01	317.2	14.79	331.9	15.97		
	40	258.5	10.07	279.1	11.54	293.8	12.56	308.4	13.63	317.2	14.38	331.9	15.53		
	30	258.5	9.84	279.1	11.28	293.8	12.27	308.4	13.31	317.2	14.04	331.9	15.17		
	23	258.5	9.68	279.1	11.09	293.8	12.07	308.4	13.10	317.2	13.81	331.9	14.92		
	15	258.5	9.51	279.1	10.89	293.8	11.85	308.4	12.86	317.2	13.57	331.9	14.65		
	5	258.5	9.34	279.1	10.70	293.8	11.64	308.4	12.63	317.2	13.32	331.9	14.39		
120	125	142.6	16.68	154.0	19.03	162.1	20.65	170.2	22.36	175.0	23.55	183.1	25.38		
	122	158.8	17.48	171.5	19.99	180.5	21.72	189.6	23.55	195.0	24.83	204.0	26.78		
	118	182.7	18.77	197.3	21.55	207.6	23.46	218.0	25.48	224.2	26.89	234.6	29.06		
	115	203.3	19.97	219.5	22.98	231.1	24.95	242.7	27.25	249.6	28.79	261.1	31.16		
	110	233.2	21.27	251.8	24.55	265.1	26.82	278.3	29.22	286.2	30.91	299.5	33.50		
	106	242.9	20.61	262.2	23.80	276.0	26.00	289.8	28.33	298.1	29.96	311.9	32.47		
	103	249.8	20.11	269.8	23.22	283.9	25.36	298.1	27.63	306.6	29.23	320.8	31.67		
	99	258.3	19.45	278.8	22.46	293.5	24.53	308.2	26.73	317.0	28.27	331.6	30.64		
	95	266.1	18.79	287.3	21.70	302.4	23.70	317.5	25.83	326.6	27.31	341.7	29.60		
	93	266.1	18.13	287.3	20.92	302.4	22.85	317.5	24.89	326.6	26.32	341.7	28.52		
	91	266.1	17.50	287.3	20.19	302.4	22.04	317.5	24.00	326.6	25.38	341.7	27.49		
	87	266.1	16.34	287.3	18.83	302.4	20.55	317.5	22.36	326.6	23.64	341.7	25.59		
	82	266.1	15.00	287.3	17.27	302.4	18.83	317.5	20.49	326.6	21.65	341.7	23.43		
	75	266.1	13.34	287.3	15.34	302.4	16.72	317.5	18.17	326.6	19.19	341.7	20.76		
	72	266.1	12.68	287.3	14.57	302.4	15.87	317.5	17.25	326.6	18.22	341.7	19.70		
	70	266.1	12.26	287.3	14.09	302.4	15.34	317.5	16.68	326.6	17.61	341.7	19.04		
	68	266.1	11.86	287.3	13.62	302.4	14.83	317.5	16.12	326.6	17.02	341.7	18.40		
	65	266.1	11.56	287.3	13.28	302.4	14.46	317.5	15.71	326.6	16.58	341.7	17.92		
	62	266.1	11.32	287.3	12.99	302.4	14.15	317.5	15.37	326.6	16.22	341.7	17.53		
	58	266.1	11.03	287.3	12.65	302.4	13.77	317.5	14.96	326.6	15.79	341.7	17.06		
	54	266.1	10.79	287.3	12.38	302.4	13.47	317.5	14.63	326.6	15.44	341.7	16.68		
	50	266.1	10.55	287.3	12.09	302.4	13.16	317.5	14.29	326.6	15.08	341.7	16.29		
	40	266.1	10.27	287.3	11.77	302.4	12.81	317.5	13.90	326.6	14.67	341.7	15.84		
	30	266.1	10.03	287.3	11.50	302.4	12.51	317.5	13.57	326.6	14.32	341.7	15.46		
	23	266.1	9.87	287.3	11.31	302.4	12.30	317.5	13.35	326.6	14.09	341.7	15.21		
	15	266.1	9.70	287.3	11.11	302.4	12.08	317.5	13.11	326.6	13.83	341.7	14.94		
	5	266.1	9.52	287.3	10.91	302.4	11.87	317.5	12.88	326.6	13.58	341.7	14.67		
130	125	146.0	16.92	157.7	19.30	165.9	20.94	174.2	22.67	179.2	23.88	185.8	25.50		
	122	162.6	17.72	175.6	20.27	184.8	22.03	194.1	23.88	199.6	25.18	206.9	26.91		
	118	187.0	19.04	202.0	21.85	212.6	23.79	223.2	25.84	229.6	27.27	238.0	29.20		
	115	208.2	20.25	224.8	23.30	236.6	25.31	248.4	27.64	255.5	29.20	264.8	31.31		
	110	238.8	21.57	257.8	24.90	271.4	27.20	284.9	29.64	293.0	31.35	303.8	33.66		
	106	248.6	20.91	268.5	24.14	282.6	26.37	296.7	28.73	305.2	30.39	316.3	32.62		
	103	255.8	20.39	276.2	23.55	290.7	25.72	305.2	28.03	313.9	29.64	325.4	31.83		
	99	264.4	19.73	285.5	22.78	300.5	24.88	315.5	27.11	324.5	28.67	336.4	30.78		
	95	272.4	19.06	294.1	22.01	309.6	24.04	325.1	26.19	334.3	27.70	346.6	29.74		
	93	272.4	18.39	294.1	21.22	309.6	23.17	325.1	25.24	334.3	26.69	346.6	28.65		
	91	272.4	17.75	294.1	20.48	309.6	22.35	325.1	24.34	334.3	25.74	346.6	27.62		
	87	272.4	16.57	294.1	19.10	309.6	20.84	325.1	22.68	334.3	23.97	346.6	25.71		
	82	272.4	15.22	294.1	17.51	309.6	19.10	325.1	20.78	334.3	21.95	346.6	23.54		
	75	272.4	13.53	294.1	15.56	309.6	16.95	325.1	18.43	334.3	19.47	346.6	20.86		
	72	272.4	12.86	294.1	14.77	309.6	16.10	325.1	17.50	334.3	18.47	346.6	19.79		
	70	272.4	12.44	294.1	14.29	309.6	15.56	325.1	16.91	334.3	17.86	346.6	19.13		
	68	272.4	12.02	294.1	13.81	309.6	15.04	325.1	16.35	334.3	17.26	346.6	18.48		
	65	272.4	11.73	294.1	13.46	309.6	14.66	325.1	15.93	334.3	16.81	346.6	18.01		
	62	272.4	11.48	294.1	13.18	309.6	14.35	325.1	15.58	334.3	16.45	346.6	17.61		
	58	272.4	11.19	294.1	12.83	309.6	13.97	325.1	15.17	334.3	16.01	346.6	17.14		
	54	272.4	10.95	294.1	12.55	309.6	13.66	325.1	14.84	334.3	15.66	346.6	16.76		
	50	272.4	10.70	294.1	12.27	309.6	13.35	325.1	14.49	334.3	15.29	346.6	16.37		
	40	272.4	10.42	294.1	11.94	309.6	12.99	325.1	14.10	334.3	14.87	346.6	15.92		
	30	272.4	10.18	294.1	11.66	309.6	12.68	325.1	13.77	334.3	14.52	346.6	15.54		
	23	272.4	10.01	294.1	11.47	309.6	12.48	325.1	13.54	334.3	14.29	346.6	15.28		
	15	272.4	9.83	294.1	11.27	309.6	12.25	325.1	13.30	334.3	14.03	346.6	15.01		
	5	272.4	9.66	294.1	11.06	309.6	12.03	325.1	13.06	334.3	13.78	346.6	14.74		

Combination	Outdoor air temp.	Indoor air temp.(°FWB)													
		61°F		64°F		67°F		70°F		72°F		75°F			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW		
90	125	122.2	14.00	132.0	15.96	138.9	17.32	145.9	18.76	150.0	19.76	157.0	21.29		
	122	136.2	14.66	147.0	16.77	154.7	18.22	162.5	19.76	167.1	20.83	174.8	22.47		
	118	156.6	15.75	169.1	18.08	178.0	19.68	186.9	21.38	192.2	22.57	201.1	24.39		
	115	174.3	16.75	188.2	19.28	198.1	20.94	208.0	22.87	213.9	24.16	223.8	26.15		
	110	199.9	17.84	215.8	20.60	227.2	22.51	238.5	24.52	245.3	25.94	256.7	28.11		
	106	208.2	17.30	224.8	19.97	236.6	21.82	248.4	23.77	255.5	25.14	267.3	27.24		
	103	214.1	16.87	231.2	19.48	243.4	21.28	255.6	23.19	262.8	24.52	275.0	26.58		
	99	221.4	16.32	239.0	18.84	251.6	20.58	264.2	22.43	271.7	23.72	284.3	25.71		
	95	228.1	15.77	246.2	18.21	259.2	19.89	272.2	21.67	279.9	22.92	292.9	24.84		
	93	228.1	15.21	246.2	17.56	259.2	19.17	272.2	20.88	279.9	22.08	292.9	23.93		
	91	228.1	14.69	246.2	16.94	259.2	18.49	272.2	20.14	279.9	21.29	292.9	23.07		
	87	228.1	13.71	246.2	15.80	259.2	17.24	272.2	18.76	279.9	19.83	292.9	21.47		
	82	228.1	12.59	246.2	14.49	259.2	15.80	272.2	17.19	279.9	18.16	292.9	19.66		
	75	228.1	11.20	246.2	12.87	259.2	14.03	272.2	15.25	279.9	16.11	292.9	17.42		
	72	228.1	10.64	246.2	12.22	259.2	13.32	272.2	14.48	279.9	15.29	292.9	16.53		
	70	228.1	10.29	246.2	11.82	259.2	12.88	272.2	13.99	279.9	14.77	292.9	15.97		
	68	228.1	9.95	246.2	11.43	259.2	12.45	272.2	13.52	279.9	14.28	292.9	15.44		
	65	228.1	9.70	246.2	11.14	259.2	12.13	272.2	13.18	279.9	13.91	292.9	15.04		
	62	228.1	9.50	246.2	10.90	259.2	11.87	272.2	12.89	279.9	13.61	292.9	14.71		
	58	228.1	9.25	246.2	10.62	259.2	11.56	272.2	12.55	279.9	13.25	292.9	14.31		
	54	228.1	9.06	246.2	10.39	259.2	11.30	272.2	12.28	279.9	12.95	292.9	14.00		
	50	228.1	8.85	246.2	10.15	259.2	11.04	272.2	11.99	279.9	12.65	292.9	13.67		
	40	228.1	8.62	246.2	9.88	259.2	10.75	272.2	11.66	279.9	12.31	292.9	13.29		
	30	228.1	8.42	246.2	9.65	259.2	10.49	272.2	11.39	279.9	12.02	292.9	12.98		
	23	228.1	8.28	246.2	9.49	259.2	10.32	272.2	11.20	279.9	11.82	292.9	12.76		
	15	228.1	8.14	246.2	9.32	259.2	10.14	272.2	11.00	279.9	11.61	292.9	12.53		
	5	228.1	7.99	246.2	9.15	259.2	9.96	272.2	10.80	279.9	11.40	292.9	12.31		
80	125	108.7	11.97	117.3	13.65	123.5	14.81	129.7	16.04	133.4	16.89	139.5	18.21		
	122	121.0	12.54	130.7	14.34	137.5	15.58	144.4	16.89	148.5	17.81	155.4	19.22		
	118	139.2	13.47	150.3	15.46	158.2	16.83	166.1	18.28	170.8	19.29	178.7	20.85		
	115	154.9	14.32	167.3	16.48	176.1	17.90	184.9	19.55	190.1	20.66	198.9	22.35		
	110	177.7	15.26	191.8	17.62	201.9	19.24	212.0	20.97	218.1	22.17	228.2	24.03		
	106	185.0	14.79	199.8	17.07	210.3	18.65	220.8	20.32	227.1	21.49	237.6	23.29		
	103	190.4	14.43	205.5	16.66	216.3	18.20	227.2	19.82	233.6	20.97	244.4	22.72		
	99	196.8	13.95	212.5	16.11	223.6	17.60	234.8	19.18	241.5	20.28	252.7	21.98		
	95	202.7	13.48	218.9	15.57	230.4	17.00	241.9	18.53	248.8	19.60	260.3	21.24		
	93	202.7	13.01	218.9	15.01	230.4	16.39	241.9	17.86	248.8	18.88	260.3	20.46		
	91	202.7	12.56	218.9	14.48	230.4	15.81	241.9	17.22	248.8	18.21	260.3	19.72		
	87	202.7	11.72	218.9	13.51	230.4	14.74	241.9	16.04	248.8	16.96	260.3	18.36		
	82	202.7	10.76	218.9	12.39	230.4	13.51	241.9	14.70	248.8	15.53	260.3	16.81		
	75	202.7	9.57	218.9	11.00	230.4	11.99	241.9	13.04	248.8	13.77	260.3	14.89		
	72	202.7	9.09	218.9	10.45	230.4	11.39	241.9	12.38	248.8	13.07	260.3	14.13		
	70	202.7	8.80	218.9	10.11	230.4	11.01	241.9	11.96	248.8	12.63	260.3	13.66		
	68	202.7	8.51	218.9	9.77	230.4	10.64	241.9	11.56	248.8	12.21	260.3	13.20		
	65	202.7	8.30	218.9	9.52	230.4	10.37	241.9	11.27	248.8	11.89	260.3	12.86		
	62	202.7	8.12	218.9	9.32	230.4	10.15	241.9	11.02	248.8	11.64	260.3	12.58		
	58	202.7	7.91	218.9	9.08	230.4	9.88	241.9	10.73	248.8	11.33	260.3	12.24		
	54	202.7	7.74	218.9	8.88	230.4	9.67	241.9	10.50	248.8	11.08	260.3	11.97		
	50	202.7	7.57	218.9	8.68	230.4	9.44	241.9	10.25	248.8	10.82	260.3	11.69		
	40	202.7	7.37	218.9	8.44	230.4	9.19	241.9	9.97	248.8	10.52	260.3	11.36		
	30	202.7	7.20	218.9	8.25	230.4	8.97	241.9	9.74	248.8	10.27	260.3	11.09		
	23	202.7	7.08	218.9	8.11	230.4	8.83	241.9	9.58	248.8	10.11	260.3	10.91		
	15	202.7	6.96	218.9	7.97	230.4	8.67	241.9	9.41	248.8	9.92	260.3	10.72		
	5	202.7	6.83	218.9	7.83	230.4	8.51	241.9	9.24	248.8	9.74	260.3	10.52		
70	125	95.1	10.09	102.7	11.50	108.1	12.48	113.5	13.52	116.7	14.24	122.1	15.35		
	122	105.9	10.57	114.3	12.09	120.4	13.13	126.4	14.24	130.0	15.01	136.0	16.20		
	118	121.8	11.35	131.5	13.03	138.4	14.18	145.4	15.41	149.5	16.26	156.4	17.57		
	115	135.6	12.07	146.4	13.89	154.1	15.09	161.8	16.48	166.4	17.41	174.1	18.84		
	110	155.5	12.86	167.9	14.85	176.7	16.22	185.5	17.67	190.8	18.69	199.6	20.25		
	106	161.9	12.46	174.8	14.39	184.0	15.72	193.2	17.13	198.7	18.12	207.9	19.63		
	103	166.6	12.16	179.8	14.04	189.3	15.34	198.8	16.71	204.4	17.67	213.9	19.15		
	99	172.2	11.76	185.9	13.58	195.7	14.83	205.5	16.16	211.3	17.09	221.1	18.53		
	95	177.4	11.36	191.5	13.12	201.6	14.33	211.7	15.62	217.7	16.52	227.8	17.90		
	93	177.4	10.96	191.5	12.65	201.6	13.82	211.7	15.05	217.7	15.91	227.8	17.24		
	91	177.4	10.58	191.5	12.21	201.6	13.33	211.7	14.51	217.7	15.35	227.8	16.62		
	87	177.4	9.88	191.5	11.39	201.6	12.42	211.7	13.52	217.7	14.29	227.8	15.48		
	82	177.4	9.07	191.5	10.44	201.6	11.39	211.7	12.39	217.7	13.09	227.8	14.16		
	75	177.4	8.07	191.5	9.28	201.6	10.11	211.7	10.99	217.7	11.61	227.8	12.55		
	72	177.4	7.67	191.5	8.81	201.6	9.60	211.7	10.43	217.7	11.02	227.8	11.91		
	70	177.4	7.41	191.5	8.52	201.6	9.28	211.7	10.08	217.7	10.65	227.8	11.51		
	68	177.4	7.17	191.5	8.23	201.6	8.97	211.7	9.75	217.7	10.29	227.8	11.12		
	65	177.4	6.99	191.5	8.03	201.6	8.74	211.7	9.50	217.7	10.03	227.8	10.84		
	62	177.4	6.85	191.5	7.86	201.6	8.55	211.7	9.29	217.7	9.81	227.8	10.60		
	58	177.4	6.67	191.5	7.65	201.6	8.33	211.7	9.05	217.7	9.55	227.8	10.32		
	54	177.4	6.53	191.5	7.48	201.6	8.15	211.7	8.85	217.7	9.34	227.8	10.09		
	50	177.4	6.38	191.5	7.31	201.6	7.96	211.7	8.64	217.7	9.12	227.8	9.85		
	40	177.4	6.21	191.5	7.12	201.6	7.74	211.7	8.41	217.7	8.87	227.8	9.58		
	30	177.4	6.07	191.5	6.95	201.6	7.56	211.7	8.21	217.7	8.66	227.8	9.35		
	23	177.4	5.97	191.5	6.84	201.6	7.44	211.7	8.07	217.7	8.52	227.8	9.20		
	15	177.4	5.86	191.5	6.72	201.6	7.31	211.7	7.93	217.7	8.36	227.8	9.03		
	5	177.4	5.76	191.5	6.60	201.6	7.17	211.7	7.79	217.7	8.21	227.8	8.87		

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the

COOLING (°F)

MMY-UP360H1FT6PUL/MMY-UP360H1FT9PUL

Fahrenheit

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	125	169.8	20.57	183.3	23.59	193.0	25.68	202.6	27.89	208.4	29.44	218.0	31.82
	122	189.1	21.63	204.2	24.86	214.9	27.10	225.7	29.48	232.1	31.15	242.9	33.71
	118	217.5	23.34	234.8	26.94	247.2	29.43	259.6	32.07	267.0	33.93	279.3	36.79
	115	242.1	24.92	261.4	28.85	275.1	31.47	288.9	34.46	297.1	36.50	310.9	39.62
	110	277.7	26.68	299.8	31.00	315.5	33.98	331.3	37.15	340.8	39.39	356.6	42.84
	106	289.2	25.86	312.2	30.04	328.6	32.94	345.0	36.01	354.9	38.19	371.3	41.52
	103	297.5	25.23	321.1	29.31	338.0	32.13	354.9	35.13	365.1	37.25	382.0	40.51
	99	307.5	24.40	332.0	28.35	349.4	31.08	366.9	33.98	377.4	36.03	394.9	39.18
	95	316.8	23.58	342.0	27.39	360.0	30.03	378.0	32.83	388.8	34.82	406.8	37.86
	93	316.8	22.73	342.0	26.39	360.0	28.92	378.0	31.61	388.8	33.52	406.8	36.43
	91	316.8	21.93	342.0	25.44	360.0	27.88	378.0	30.46	388.8	32.29	406.8	35.09
	87	316.8	20.44	342.0	23.69	360.0	25.94	378.0	28.34	388.8	30.02	406.8	32.61
	82	316.8	18.73	342.0	21.69	360.0	23.74	378.0	25.91	388.8	27.44	406.8	29.80
	75	316.8	16.63	342.0	19.23	360.0	21.03	378.0	22.94	388.8	24.29	406.8	26.35
	72	316.8	15.79	342.0	18.25	360.0	19.95	378.0	21.76	388.8	23.03	406.8	24.99
	70	316.8	15.27	342.0	17.64	360.0	19.28	378.0	21.02	388.8	22.25	406.8	24.14
	68	316.8	14.76	342.0	17.05	360.0	18.63	378.0	20.31	388.8	21.50	406.8	23.31
	65	316.8	14.38	342.0	16.61	360.0	18.15	378.0	19.78	388.8	20.93	406.8	22.70
	62	316.8	14.08	342.0	16.25	360.0	17.75	378.0	19.34	388.8	20.47	406.8	22.19
	58	316.8	13.71	342.0	15.81	360.0	17.27	378.0	18.82	388.8	19.91	406.8	21.58
	54	316.8	13.41	342.0	15.46	360.0	16.89	378.0	18.40	388.8	19.46	406.8	21.09
	50	316.8	13.10	342.0	15.10	360.0	16.49	378.0	17.96	388.8	19.00	406.8	20.59
	40	316.8	12.75	342.0	14.69	360.0	16.03	378.0	17.46	388.8	18.47	406.8	20.01
	30	316.8	12.45	342.0	14.34	360.0	15.65	378.0	17.04	388.8	18.02	406.8	19.52
	23	316.8	12.25	342.0	14.11	360.0	15.40	378.0	16.76	388.8	17.73	406.8	19.20
	15	316.8	12.03	342.0	13.85	360.0	15.12	378.0	16.46	388.8	17.40	406.8	18.85
	5	316.8	11.81	342.0	13.60	360.0	14.85	378.0	16.16	388.8	17.09	406.8	18.51
110	125	173.2	20.78	187.0	23.83	196.8	25.94	206.7	28.17	212.6	29.74	222.4	32.15
	122	192.9	21.85	208.3	25.12	219.2	27.38	230.2	29.78	236.8	31.47	247.7	34.06
	118	221.9	23.58	239.5	27.21	252.1	29.73	264.7	32.40	272.3	34.28	284.9	37.16
	115	246.9	25.18	266.6	29.15	280.6	31.79	294.6	34.81	303.1	36.87	317.1	40.03
	110	283.2	26.95	305.8	31.31	321.9	34.33	337.9	37.53	347.6	39.80	363.7	43.27
	106	294.9	26.13	318.4	30.35	335.2	33.27	351.9	36.38	362.0	38.58	378.7	41.95
	103	303.4	25.49	327.6	29.61	344.8	32.46	362.0	35.49	372.4	37.63	389.6	40.92
	99	313.6	24.65	338.6	28.64	356.4	31.40	374.2	34.33	384.9	36.40	402.8	39.58
	95	323.1	23.82	348.8	27.67	367.2	30.34	385.6	33.17	396.6	35.17	414.9	38.24
	93	323.1	22.96	348.8	26.66	367.2	29.22	385.6	31.94	396.6	33.86	414.9	36.81
	91	323.1	22.15	348.8	25.70	367.2	28.16	385.6	30.77	396.6	32.62	414.9	35.45
	87	323.1	20.65	348.8	23.93	367.2	26.21	385.6	28.62	396.6	30.33	414.9	32.95
	82	323.1	18.93	348.8	21.91	367.2	23.98	385.6	26.18	396.6	27.73	414.9	30.10
	75	323.1	16.80	348.8	19.43	367.2	21.24	385.6	23.17	396.6	24.53	414.9	26.62
	72	323.1	15.95	348.8	18.44	367.2	20.15	385.6	21.98	396.6	23.27	414.9	25.24
	70	323.1	15.42	348.8	17.82	367.2	19.48	385.6	21.24	396.6	22.48	414.9	24.38
	68	323.1	14.91	348.8	17.22	367.2	18.82	385.6	20.52	396.6	21.72	414.9	23.55
	65	323.1	14.53	348.8	16.78	367.2	18.33	385.6	19.98	396.6	21.15	414.9	22.93
	62	323.1	14.22	348.8	16.41	367.2	17.93	385.6	19.54	396.6	20.68	414.9	22.42
	58	323.1	13.85	348.8	15.97	367.2	17.45	385.6	19.01	396.6	20.11	414.9	21.80
	54	323.1	13.54	348.8	15.62	367.2	17.06	385.6	18.58	396.6	19.66	414.9	21.31
	50	323.1	13.23	348.8	15.26	367.2	16.66	385.6	18.14	396.6	19.19	414.9	20.80
	40	323.1	12.88	348.8	14.84	367.2	16.20	385.6	17.64	396.6	18.65	414.9	20.21
	30	323.1	12.58	348.8	14.49	367.2	15.81	385.6	17.22	396.6	18.21	414.9	19.72
	23	323.1	12.37	348.8	14.25	367.2	15.55	385.6	16.93	396.6	17.91	414.9	19.40
	15	323.1	12.15	348.8	13.99	367.2	15.27	385.6	16.63	396.6	17.58	414.9	19.05
	5	323.1	11.93	348.8	13.74	367.2	15.00	385.6	16.33	396.6	17.27	414.9	18.70
120	125	178.3	21.19	192.5	24.30	202.6	26.45	212.7	28.73	218.8	30.33	229.0	32.78
	122	198.6	22.28	214.4	25.61	225.7	27.92	236.9	30.37	243.7	32.09	255.0	34.73
	118	228.4	24.04	246.6	27.75	259.6	30.31	272.5	33.03	280.3	34.95	293.3	37.89
	115	254.2	25.67	274.4	29.72	288.9	32.42	303.3	35.50	312.0	37.60	326.4	40.82
	110	291.6	27.48	314.8	31.93	331.3	35.00	347.9	38.27	357.8	40.58	374.4	44.12
	106	303.6	26.64	327.8	30.95	345.0	33.93	362.3	37.10	372.6	39.33	389.9	42.77
	103	312.3	25.99	337.2	30.19	354.9	33.10	372.7	36.19	383.3	38.37	401.1	41.72
	99	322.9	25.14	348.6	29.20	366.9	32.02	385.2	35.01	396.3	37.12	414.6	40.36
	95	332.6	24.29	359.1	28.21	378.0	30.93	396.9	33.82	408.2	35.86	427.1	39.00
	93	332.6	23.41	359.1	27.18	378.0	29.79	396.9	32.56	408.2	34.52	427.1	37.53
	91	332.6	22.59	359.1	26.21	378.0	28.71	396.9	31.38	408.2	33.26	427.1	36.15
	87	332.6	21.05	359.1	24.40	378.0	26.72	396.9	29.19	408.2	30.93	427.1	33.59
	82	332.6	19.30	359.1	22.34	378.0	24.45	396.9	26.69	408.2	28.27	427.1	30.69
	75	332.6	17.13	359.1	19.81	378.0	21.66	396.9	23.63	408.2	25.02	427.1	27.14
	72	332.6	16.27	359.1	18.80	378.0	20.55	396.9	22.41	408.2	23.72	427.1	25.74
	70	332.6	15.73	359.1	18.17	378.0	19.86	396.9	21.66	408.2	22.92	427.1	24.86
	68	332.6	15.20	359.1	17.56	378.0	19.19	396.9	20.92	408.2	22.14	427.1	24.01
	65	332.6	14.82	359.1	17.11	378.0	18.69	396.9	20.38	408.2	21.56	427.1	23.38
	62	332.6	14.50	359.1	16.74	378.0	18.28	396.9	19.93	408.2	21.08	427.1	22.86
	58	332.6	14.12	359.1	16.29	378.0	17.79	396.9	19.39	408.2	20.51	427.1	22.23
	54	332.6	13.81	359.1	15.93	378.0	17.39	396.9	18.95	408.2	20.04	427.1	21.73
	50	332.6	13.49	359.1	15.55	378.0	16.98	396.9	18.50	408.2	19.57	427.1	21.21
	40	332.6	13.13	359.1	15.13	378.0	16.52	396.9	17.99	408.2	19.02	427.1	20.61
	30	332.6	12.82	359.1	14.77	378.0	16.12	396.9	17.56	408.2	18.57	427.1	20.11
	23	332.6	12.61	359.1	14.53	378.0	15.86	396.9	17.27	408.2	18.26	427.1	19.78
	15	332.6	12.39	359.1	14.27	378.0	15.57	396.9	16.95	408.2	17.93	427.1	19.42
	5	332.6	12.17	359.1	14.01	378.0	15.29	396.9	16.65	408.2	17.61	427.1	19.07
130	125	182.5	21.49	197.1	24.64	207.4	26.82	217.8	29.13	224.0	30.76	232.2	32.94
	122	203.3	22.59	219.5	25.97	231.0	28.31	242.6	30.80	249.5	32.54	258.6	34.89
	118	233.8	24.38	252.4	28.14	265.7	30.74	279.0	33.50	287.0	35.45	297.5	38.07
	115	260.3	26.04	281.0	30.14	295.8	32.88	310.5	36.00	319.4	38.13	331.1	41.01
	110	298.5	27.87	322.2	32.38	339.2	35.50	356.2	38.81	366.3	41.15	379.7	44.33
	106	310.8	27.02	335.6	31.39	353.2	34.41	370.9	37.62	381.5	39.89	395.4	42.97
	103	319.8	26.36	345.2	30.62	363.4	33.57	381.6	36.70	392.5	38.92	406.8	41.92
	99	330.6	25.49	356.9	29.62	375.6	32.47	394.4	35.50	405.7	37.64	420.5	40.55
	95	340.6	24.63	367.7	28.61	387.0	31.37	406.4	34.30	418.0	36.37	433.2	39.18
	93	340.6	23.74	367.7	27.57	387.0	30.21	406.4	33.03	418.0	35.01	433.2	37.71
	91	340.6	22.91	367.7	26.58	387.0	29.12	406.4	31.82	418.0	33.73	433.2	36.32
	87	340.6	21.35	367.7	24.75	387.0	27.10	406.4	29.60	418.0	31.36	433.2	33.75
	82	340.6	19.57	367.7	22.66	387.0	24.80	406.4	27.07	418.0	28.67	433.2	30.84
	75	340.6	17.37	367.7	20.09	387.0	21.97	406.4	23.96	418.0	25.37	433.2	27.27
	72	340.6	16.50	367.7	19.06	387.0	20.84	406.4	22.73	418.0	24.06	433.2	25.86
	70	340.6	15.95	367.7	18.43	387.0	20.14	406.4	21.96	418.0	23.25	433.2	24.98
	68	340.6	15.42	367.7	17.81	387.0	19.46	406.4	21.22	418.0	22.46	433.2	24.13
	65	340.6	15.03	367.7	17.35	387.0	18.96	406.4	20.66	418.0	21.87	433.2	23.49
	62	340.6	14.70	367.7	16.97	387.0	18.54	406.4	20.21	418.0	21.38	433.2	22.97
	58	340.6	14.32	367.7	16.52	387.0	18.04	406.4	19.66	418.0	20.80	433.2	22.34
	54	340.6	14.01	367.7	16.15	387.0	17.64	406.4	19.22	418.0	20.33	433.2	21.83
	50	340.6	13.68	367.7	15.78	387.0	17.22	406.4	18.76	418.0	19.85	433.2	21.31
	40	340.6	13.32	367.7	15.34	387.0	16.75	406.4	18.24	418.0	19.29	433.2	20.71
	30	340.6	13.00	367.7	14.98	387.0	16.35	406.4	17.81	418.0	18.83	433.2	20.21
	23	340.6	12.79	367.7	14.74	387.0	16.08	406.4	17.51	418.0	18.52	433.2	19.87
	15	340.6	12.56	367.7	14.47	387.0	15.79	406.4	17.19	418.0	18.18	433.2	19.51
	5	340.6	12.34	367.7	14.21	387.0	15.51	406.4	16.89	418.0	17.85	433.2	19.16

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		61°F		64°F		67°F		70°F		72°F		75°F	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	125	152.8	17.78	165.0	20.39	173.7	22.19	182.4	24.10	187.6	25.45	196.2	27.51
	122	170.2	18.69	183.8	21.49	193.4	23.43	203.1	25.48	208.9	26.92	218.6	29.14
	118	195.8	20.17	211.4	23.28	222.5	25.43	233.6	27.72	240.3	29.33	251.4	31.79
	115	217.9	21.54	235.2	24.94	247.6	27.20	260.0	29.78	267.4	31.55	279.8	34.25
	110	249.9	23.06	269.8	26.79	284.0	29.37	298.2	32.11	306.7	34.05	320.9	37.02
	106	260.2	22.35	280.9	25.97	295.7	28.47	310.5	31.13	319.4	33.00	334.2	35.89
	103	267.7	21.81	289.0	25.33	304.2	27.77	319.4	30.37	328.6	32.20	343.8	35.01
	99	276.7	21.09	298.8	24.50	314.5	26.86	330.2	29.37	339.6	31.14	355.4	33.86
	95	285.1	20.38	307.8	23.67	324.0	25.96	340.2	28.38	349.9	30.09	366.1	32.72
	93	285.1	19.65	307.8	22.81	324.0	25.00	340.2	27.32	349.9	28.97	366.1	31.49
	91	285.1	18.95	307.8	21.99	324.0	24.09	340.2	26.33	349.9	27.91	366.1	30.33
	87	285.1	17.66	307.8	20.48	324.0	22.42	340.2	24.49	349.9	25.95	366.1	28.19
	82	285.1	16.19	307.8	18.75	324.0	20.52	340.2	22.40	349.9	23.72	366.1	25.75
	75	285.1	14.37	307.8	16.62	324.0	18.18	340.2	19.83	349.9	20.99	366.1	22.78
	72	285.1	13.65	307.8	15.77	324.0	17.24	340.2	18.81	349.9	19.91	366.1	21.60
	70	285.1	13.20	307.8	15.25	324.0	16.66	340.2	18.17	349.9	19.23	366.1	20.86
	68	285.1	12.75	307.8	14.73	324.0	16.10	340.2	17.55	349.9	18.58	366.1	20.15
	65	285.1	12.43	307.8	14.35	324.0	15.68	340.2	17.10	349.9	18.09	366.1	19.62
	62	285.1	12.17	307.8	14.04	324.0	15.34	340.2	16.72	349.9	17.69	366.1	19.18
	58	285.1	11.85	307.8	13.67	324.0	14.93	340.2	16.27	349.9	17.21	366.1	18.65
	54	285.1	11.59	307.8	13.36	324.0	14.59	340.2	15.90	349.9	16.82	366.1	18.23
	50	285.1	11.32	307.8	13.05	324.0	14.25	340.2	15.52	349.9	16.42	366.1	17.79
	40	285.1	11.02	307.8	12.70	324.0	13.86	340.2	15.09	349.9	15.96	366.1	17.29
	30	285.1	10.76	307.8	12.40	324.0	13.53	340.2	14.73	349.9	15.58	366.1	16.88
	23	285.1	10.58	307.8	12.19	324.0	13.31	340.2	14.49	349.9	15.32	366.1	16.60
	15	285.1	10.39	307.8	11.97	324.0	13.07	340.2	14.23	349.9	15.04	366.1	16.29
	5	285.1	10.21	307.8	11.76	324.0	12.83	340.2	13.97	349.9	14.77	366.1	16.00
80	125	135.8	15.20	146.7	17.43	154.4	18.97	162.1	20.61	166.7	21.76	174.4	23.52
	122	151.3	15.98	163.3	18.37	171.9	20.03	180.5	21.78	185.7	23.02	194.3	24.91
	118	174.0	17.25	187.9	19.91	197.8	21.75	207.6	23.70	213.6	25.07	223.5	27.18
	115	193.7	18.42	209.1	21.32	220.1	23.26	231.1	25.47	237.7	26.97	248.7	29.28
	110	222.1	19.72	239.8	22.91	252.4	25.11	265.1	27.46	272.6	29.11	285.2	31.65
	106	231.3	19.11	249.7	22.20	262.9	24.34	276.0	26.61	283.9	28.22	297.0	30.68
	103	238.0	18.64	256.9	21.66	270.4	23.74	283.9	25.96	292.1	27.53	305.6	29.93
	99	246.0	18.03	265.6	20.95	279.5	22.97	293.5	25.11	301.9	26.63	315.9	28.95
	95	253.4	17.43	273.6	20.24	288.0	22.19	302.4	24.26	311.0	25.73	325.4	27.98
	93	253.4	16.80	273.6	19.50	288.0	21.37	302.4	23.36	311.0	24.77	325.4	26.92
	91	253.4	16.20	273.6	18.80	288.0	20.60	302.4	22.51	311.0	23.86	325.4	25.93
	87	253.4	15.10	273.6	17.51	288.0	19.17	302.4	20.94	311.0	22.19	325.4	24.10
	82	253.4	13.84	273.6	16.03	288.0	17.54	302.4	19.15	311.0	20.28	325.4	22.02
	75	253.4	12.29	273.6	14.21	288.0	15.54	302.4	16.95	311.0	17.95	325.4	19.47
	72	253.4	11.67	273.6	13.49	288.0	14.74	302.4	16.08	311.0	17.02	325.4	18.46
	70	253.4	11.28	273.6	13.03	288.0	14.25	302.4	15.54	311.0	16.44	325.4	17.84
	68	253.4	10.91	273.6	12.60	288.0	13.77	302.4	15.01	311.0	15.88	325.4	17.23
	65	253.4	10.63	273.6	12.27	288.0	13.41	302.4	14.62	311.0	15.47	325.4	16.77
	62	253.4	10.40	273.6	12.01	288.0	13.12	302.4	14.30	311.0	15.13	325.4	16.40
	58	253.4	10.13	273.6	11.69	288.0	12.76	302.4	13.91	311.0	14.71	325.4	15.95
	54	253.4	9.91	273.6	11.43	288.0	12.48	302.4	13.59	311.0	14.38	325.4	15.59
	50	253.4	9.68	273.6	11.16	288.0	12.18	302.4	13.27	311.0	14.04	325.4	15.21
	40	253.4	9.42	273.6	10.85	288.0	11.85	302.4	12.90	311.0	13.65	325.4	14.78
	30	253.4	9.20	273.6	10.60	288.0	11.57	302.4	12.59	311.0	13.32	325.4	14.43
	23	253.4	9.05	273.6	10.43	288.0	11.38	302.4	12.39	311.0	13.10	325.4	14.19
	15	253.4	8.89	273.6	10.24	288.0	11.17	302.4	12.16	311.0	12.86	325.4	13.93
	5	253.4	8.73	273.6	10.05	288.0	10.97	302.4	11.94	311.0	12.63	325.4	13.68
70	125	118.9	12.81	128.3	14.69	135.1	15.99	141.8	17.37	145.9	18.34	152.6	19.82
	122	132.4	13.47	142.9	15.49	150.4	16.88	158.0	18.36	162.5	19.40	170.0	21.00
	118	152.3	14.54	164.4	16.78	173.0	18.33	181.7	19.97	186.9	21.13	195.5	22.91
	115	169.5	15.52	183.0	17.97	192.6	19.60	202.2	21.46	208.0	22.73	217.6	24.68
	110	194.4	16.62	209.8	19.31	220.9	21.16	231.9	23.14	238.5	24.54	249.6	26.68
	106	202.4	16.11	218.5	18.71	230.0	20.52	241.5	22.43	248.4	23.78	259.9	25.86
	103	208.2	15.71	224.8	18.26	236.6	20.01	248.5	21.88	255.6	23.20	267.4	25.23
	99	215.2	15.20	232.4	17.66	244.6	19.36	256.8	21.17	264.2	22.44	276.4	24.40
	95	221.8	14.69	239.4	17.06	252.0	18.70	264.6	20.45	272.2	21.68	284.8	23.58
	93	221.8	14.16	239.4	16.44	252.0	18.01	264.6	19.69	272.2	20.87	284.8	22.69
	91	221.8	13.66	239.4	15.85	252.0	17.36	264.6	18.97	272.2	20.11	284.8	21.86
	87	221.8	12.73	239.4	14.76	252.0	16.16	264.6	17.65	272.2	18.70	284.8	20.31
	82	221.8	11.67	239.4	13.51	252.0	14.78	264.6	16.14	272.2	17.09	284.8	18.56
	75	221.8	10.36	239.4	11.98	252.0	13.10	264.6	14.29	272.2	15.13	284.8	16.41
	72	221.8	9.84	239.4	11.37	252.0	12.43	264.6	13.55	272.2	14.35	284.8	15.56
	70	221.8	9.51	239.4	10.99	252.0	12.01	264.6	13.09	272.2	13.86	284.8	15.03
	68	221.8	9.19	239.4	10.62	252.0	11.60	264.6	12.65	272.2	13.39	284.8	14.52
	65	221.8	8.96	239.4	10.34	252.0	11.30	264.6	12.32	272.2	13.04	284.8	14.14
	62	221.8	8.77	239.4	10.12	252.0	11.06	264.6	12.05	272.2	12.75	284.8	13.82
	58	221.8	8.54	239.4	9.85	252.0	10.76	264.6	11.72	272.2	12.40	284.8	13.44
	54	221.8	8.35	239.4	9.63	252.0	10.52	264.6	11.46	272.2	12.12	284.8	13.14
	50	221.8	8.16	239.4	9.41	252.0	10.27	264.6	11.19	272.2	11.83	284.8	12.82
	40	221.8	7.94	239.4	9.15	252.0	9.99	264.6	10.88	272.2	11.50	284.8	12.46
	30	221.8	7.75	239.4	8.93	252.0	9.75	264.6	10.62	272.2	11.23	284.8	12.16
	23	221.8	7.63	239.4	8.79	252.0	9.59	264.6	10.44	272.2	11.04	284.8	11.96
	15	221.8	7.49	239.4	8.63	252.0	9.42	264.6	10.25	272.2	10.84	284.8	11.74
	5	221.8	7.36	239.4	8.47	252.0	9.25	264.6	10.07	272.2	10.65	284.8	11.53

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 106.0°F~125.0°F, the data is shown as reference.
2.For temperature 58.0°F~5.0°F, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP0721FT6P-UL/MMY-MUP0721FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	9.9	3.99	10.7	4.49	11.3	4.82	11.9	5.18	12.2	5.42	12.8	5.78
	52.7	11.1	4.14	12.0	4.67	12.6	5.02	13.2	5.39	13.6	5.65	14.2	6.03
	53.7	12.7	4.39	13.8	4.96	14.5	5.34	15.2	5.74	15.6	6.01	16.4	6.43
	54.7	14.2	4.61	15.3	5.21	16.1	5.53	16.9	6.05	17.4	6.34	18.2	6.79
	55.7	16.3	4.84	17.6	5.48	18.5	5.92	19.4	6.38	20.0	6.69	20.9	7.17
	56.7	16.9	4.69	18.3	5.31	19.3	5.74	20.2	6.18	20.8	6.48	21.7	6.95
	57.7	17.4	4.57	18.8	5.18	19.8	5.60	20.8	6.03	21.4	6.33	22.4	6.78
	58.7	18.0	4.42	19.5	5.01	20.5	5.41	21.5	5.83	22.1	6.12	23.1	6.56
	59.7	18.6	4.27	20.0	4.84	21.1	5.23	22.2	5.63	22.8	5.91	23.8	6.34
	60.7	18.6	4.13	20.0	4.68	21.1	5.06	22.2	5.45	22.8	5.71	23.8	6.12
	61.7	18.6	4.00	20.0	4.53	21.1	4.89	22.2	5.27	22.8	5.52	23.8	5.92
	62.7	18.6	3.75	20.0	4.25	21.1	4.58	22.2	4.93	22.8	5.17	23.8	5.54
	63.7	18.6	3.46	20.0	3.92	21.1	4.22	22.2	4.55	22.8	4.76	23.8	5.10
	64.7	18.6	3.10	20.0	3.50	21.1	3.77	22.2	4.06	22.8	4.25	23.8	4.55
	65.7	18.6	2.95	20.0	3.33	21.1	3.59	22.2	3.86	22.8	4.05	23.8	4.33
	66.7	18.6	2.85	20.0	3.22	21.1	3.48	22.2	3.74	22.8	3.92	23.8	4.19
	67.7	18.6	2.76	20.0	3.12	21.1	3.36	22.2	3.62	22.8	3.79	23.8	4.06
	68.7	18.6	2.70	20.0	3.05	21.1	3.28	22.2	3.53	22.8	3.70	23.8	3.96
	69.7	18.6	2.65	20.0	2.99	21.1	3.22	22.2	3.46	22.8	3.62	23.8	3.88
	70.7	18.6	2.58	20.0	2.91	21.1	3.14	22.2	3.37	22.8	3.53	23.8	3.78
	71.7	18.6	2.53	20.0	2.85	21.1	3.08	22.2	3.31	22.8	3.46	23.8	3.70
	72.7	18.6	2.47	20.0	2.79	21.1	3.01	22.2	3.23	22.8	3.39	23.8	3.62
	73.7	18.6	2.41	20.0	2.72	21.1	2.93	22.2	3.15	22.8	3.30	23.8	3.53
	74.7	18.6	2.36	20.0	2.66	21.1	2.87	22.2	3.08	22.8	3.23	23.8	3.45
	75.7	18.6	2.32	20.0	2.62	21.1	2.82	22.2	3.03	22.8	3.18	23.8	3.40
	76.7	18.6	2.28	20.0	2.57	21.1	2.77	22.2	2.98	22.8	3.12	23.8	3.33
	77.7	18.6	2.24	20.0	2.53	21.1	2.72	22.2	2.93	22.8	3.06	23.8	3.28
110	78.7	10.1	4.03	11.0	4.53	11.5	4.87	12.1	5.23	12.5	5.47	13.0	5.84
	79.7	11.3	4.19	12.2	4.71	12.8	5.07	13.5	5.45	13.9	5.70	14.5	6.09
	80.7	13.0	4.43	14.0	5.01	14.8	5.39	15.5	5.80	15.9	6.07	16.7	6.50
	81.7	14.5	4.66	15.6	5.27	16.4	5.58	17.3	6.12	17.8	6.41	18.6	6.86
	82.7	16.6	4.89	17.9	5.54	18.9	5.98	19.8	6.44	20.4	6.76	21.3	7.24
	83.7	17.3	4.74	18.7	5.37	19.6	5.80	20.6	6.25	21.2	6.55	22.2	7.02
	84.7	17.8	4.62	19.2	5.24	20.2	5.65	21.2	6.09	21.8	6.39	22.8	6.85
	85.7	18.4	4.47	19.8	5.06	20.9	5.47	21.9	5.89	22.5	6.18	23.6	6.63
	86.7	18.9	4.32	20.4	4.89	21.5	5.28	22.6	5.69	23.2	5.97	24.3	6.40
	87.7	18.9	4.18	20.4	4.73	21.5	5.11	22.6	5.50	23.2	5.77	24.3	6.19
	88.7	18.9	4.04	20.4	4.58	21.5	4.94	22.6	5.32	23.2	5.58	24.3	5.98
	89.7	18.9	3.79	20.4	4.29	21.5	4.63	22.6	4.98	23.2	5.23	24.3	5.60
	90.7	18.9	3.50	20.4	3.96	21.5	4.27	22.6	4.59	23.2	4.81	24.3	5.15
	91.7	18.9	3.13	20.4	3.54	21.5	3.81	22.6	4.10	23.2	4.30	24.3	4.60
	92.7	18.9	2.98	20.4	3.36	21.5	3.63	22.6	3.90	23.2	4.09	24.3	4.37
	93.7	18.9	2.88	20.4	3.26	21.5	3.51	22.6	3.78	23.2	3.96	24.3	4.23
	94.7	18.9	2.79	20.4	3.15	21.5	3.40	22.6	3.65	23.2	3.83	24.3	4.10
	95.7	18.9	2.73	20.4	3.08	21.5	3.32	22.6	3.57	23.2	3.74	24.3	4.00
	96.7	18.9	2.67	20.4	3.02	21.5	3.25	22.6	3.50	23.2	3.66	24.3	3.92
	97.7	18.9	2.61	20.4	2.94	21.5	3.17	22.6	3.41	23.2	3.57	24.3	3.82
	98.7	18.9	2.56	20.4	2.88	21.5	3.11	22.6	3.34	23.2	3.50	24.3	3.74
	99.7	18.9	2.50	20.4	2.82	21.5	3.04	22.6	3.27	23.2	3.42	24.3	3.66
	100.7	18.9	2.44	20.4	2.75	21.5	2.96	22.6	3.18	23.2	3.33	24.3	3.57
	101.7	18.9	2.39	20.4	2.69	21.5	2.90	22.6	3.11	23.2	3.26	24.3	3.49
	102.7	18.9	2.35	20.4	2.65	21.5	2.85	22.6	3.06	23.2	3.21	24.3	3.43
	103.7	18.9	2.31	20.4	2.60	21.5	2.80	22.6	3.01	23.2	3.15	24.3	3.37
	104.7	18.9	2.26	20.4	2.55	21.5	2.75	22.6	2.96	23.2	3.09	24.3	3.31
120	105.7	10.4	4.11	11.3	4.62	11.9	4.97	12.5	5.33	12.8	5.58	13.4	5.96
	106.7	11.6	4.27	12.6	4.81	13.2	5.17	13.9	5.56	14.3	5.82	14.9	6.21
	107.7	13.4	4.52	14.5	5.10	15.2	5.50	16.0	5.91	16.4	6.19	17.2	6.63
	108.7	14.9	4.75	16.1	5.37	16.9	5.69	17.8	6.24	18.3	6.54	19.1	7.00
	109.7	17.1	4.98	18.4	5.65	19.4	6.10	20.4	6.57	21.0	6.89	21.9	7.39
	110.7	17.8	4.83	19.2	5.47	20.2	5.91	21.2	6.37	21.8	6.68	22.8	7.16
	111.7	18.3	4.71	19.8	5.34	20.8	5.77	21.8	6.21	22.5	6.52	23.5	6.98
	112.7	18.9	4.56	20.4	5.16	21.5	5.58	22.6	6.01	23.2	6.30	24.3	6.76
	113.7	19.5	4.40	21.0	4.99	22.2	5.39	23.3	5.80	23.9	6.09	25.0	6.53
	114.7	19.5	4.26	21.0	4.82	22.2	5.21	23.3	5.61	23.9	5.88	25.0	6.31
	115.7	19.5	4.12	21.0	4.67	22.2	5.04	23.3	5.43	23.9	5.69	25.0	6.10
	116.7	19.5	3.87	21.0	4.37	22.2	4.72	23.3	5.08	23.9	5.33	25.0	5.71
	117.7	19.5	3.57	21.0	4.03	22.2	4.35	23.3	4.68	23.9	4.91	25.0	5.26
	118.7	19.5	3.19	21.0	3.60	22.2	3.89	23.3	4.18	23.9	4.38	25.0	4.69
	119.7	19.5	3.04	21.0	3.43	22.2	3.70	23.3	3.98	23.9	4.17	25.0	4.46
	120.7	19.5	2.94	21.0	3.32	22.2	3.58	23.3	3.85	23.9	4.03	25.0	4.32
	121.7	19.5	2.85	21.0	3.21	22.2	3.46	23.3	3.73	23.9	3.90	25.0	4.18
	122.7	19.5	2.78	21.0	3.14	22.2	3.38	23.3	3.64	23.9	3.81	25.0	4.08
	123.7	19.5	2.73	21.0	3.08	22.2	3.32	23.3	3.56	23.9	3.73	25.0	3.99
	124.7	19.5	2.66	21.0	3.00	22.2	3.23	23.3	3.48	23.9	3.64	25.0	3.90
	125.7	19.5	2.61	21.0	2.94	22.2	3.17	23.3	3.40	23.9	3.57	25.0	3.81
	126.7	19.5	2.55	21.0	2.88	22.2	3.10	23.3	3.33	23.9	3.49	25.0	3.73
	127.7	19.5	2.49	21.0	2.80	22.2	3.02	23.3	3.25	23.9	3.40	25.0	3.64
	128.7	19.5	2.43	21.0	2.74	22.2	2.95	23.3	3.17	23.9	3.32	25.0	3.55
	129.7	19.5	2.39	21.0	2.70	22.2	2.91	23.3	3.12	23.9	3.27	25.0	3.50
	130.7	19.5	2.35	21.0	2.65	22.2	2.86	23.3	3.07	23.9	3.21	25.0	3.43
	131.7	19.5	2.31	21.0	2.60	22.2	2.80	23.3	3.01	23.9	3.16	25.0	3.37
130	132.7	10.7	4.17	11.6	4.69	12.2	5.04	12.8	5.41	13.1	5.66	13.6	5.99
	133.7	11.9	4.33	12.9	4.88	13.5	5.25	14.2	5.63	14.6	5.90	15.1	6.24
	134.7	13.7	4.59	14.8	5.18	15.6	5.58	16.4	6.00	16.8	6.28	17.4	6.66
	135.7	15.2	4.82	16.5	5.45	17.3	5.77	18.2	6.32	18.7	6.63	19.4	7.03
	136.7	17.5	5.05	18.9	5.73	19.9	6.18	20.9	6.66	21.5	6.99	22.2	7.42
	137.7	18.2	4.90	19.7	5.55	20.7	5.99	21.7	6.46	22.3	6.77	23.2	7.19
	138.7	18.7	4.78	20.2	5.41	21.3	5.85	22.4	6.30	23.0	6.61	23.8	7.02
	139.7	19.4	4.62	20.9	5.24	22.0	5.66	23.1	6.09	23.8	6.39	24.6	6.79
	140.7	19.9	4.46	21.6	5.06	22.7	5.46	23.8	5.89	24.5	6.17	25.4	6.56
	141.7	19.9	4.32	21.6	4.89	22.7	5.28	23.8	5.69	24.5	5.97	25.4	6.34
	142.7	19.9	4.18	21.6	4.73	22.7	5.11	23.8	5.50	24.5	5.77	25.4	6.13
	143.7	19.9	3.92	21.6	4.44	22.7	4.79	23.8	5.15	24.5	5.40	25.4	5.74
	144.7	19.9	3.62	21.6	4.09	22.7	4.41	23.8	4.75	24.5	4.98	25.4	5.28
	145.7	19.9	3.23	21.6	3.66	22.7	3.94	23.8	4.24	24.5	4.44	25.4	4.71
	146.7	19.9	3.08	21.6	3.48	22.7	3.75	23.8	4.03	24.5	4.23	25.4	4.48
	147.7	19.9	2.98	21.6	3.37	22.7	3.63	23.8	3.91	24.5	4.09	25.4	4.34
	148.7	19.9	2.89	21.6	3.26	22.7	3.51	23.8	3.78	24.5	3.96	25.4	4.20
	149.7	19.9	2.82	21.6	3.18	22.7	3.43	23.8	3.69	24.5	3.86	25.4	4.10
	150.7	19.9	2.76	21.6	3.12	22.7	3.36	23.8	3.61	24.5	3.79	25.4	4.01
	151.7	19.9	2.70	21.6	3.04	22.7	3.28	23.8	3.53	24.5	3.69	25.4	3.91
	152.7	19.9	2.64	21.6	2.98	22.7	3.21	23.8	3.45	24.5	3.62	25.4	3.83
	153.7	19.9	2.58	21.6	2.92	22.7	3.14	23.8	3.38	24.5	3.54	25.4	3.75
	154.7	19.9	2.52	21.6	2.84	22.7	3.06	23.8	3.29	24.5	3.45	25.4	3.65
	155.7	19.9	2.47	21.6	2.78	22.7	3.00	23.8	3.22	24.5	3.37	25.4	3.57
	156.7	19.9	2.43	21.6	2.74	22.7	2.95	23.8	3.17	24.5	3.32	25.4	3.51
	157.7	19.9	2.38	21.6	2.69	22.7	2.90	23.8	3.11	24.5	3.26	25.4	3.45
	158.7	19.9	2.34	21.6	2.64	22.7	2.84	23.8	3.06	24.5	3.20	25.4	3.39

Combination	Outdoor air temp.	Indoor air temp.(°FWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	8.9	3.45	9.7	3.88	10.2	4.17	10.7	4.47	11.0	4.68	11.5	5.00
	52.7	10.0	3.58	10.8	4.03	11.3	4.34	11.9	4.66	12.2	4.88	12.8	5.21
	53.7	11.5	3.79	12.4	4.28	13.0	4.61	13.7	4.96	14.1	5.20	14.7	5.56
	54.7	12.8	3.99	13.8	4.51	14.5	4.78	15.2	5.23	15.7	5.48	16.4	5.87
	55.7	14.6	4.18	15.8	4.74	16.6	5.12	17.5	5.51	18.0	5.78	18.8	6.20
	56.7	15.2	4.05	16.5	4.59	17.3	4.96	18.2	5.34	18.7	5.60	19.6	6.01
	57.7	15.7	3.95	16.9	4.48	17.8	4.84	18.7	5.21	19.2	5.47	20.1	5.86
	58.7	16.2	3.82	17.5	4.33	18.4	4.68	19.4	5.04	19.9	5.29	20.8	5.67
	59.7	16.7	3.69	18.0	4.19	19.0	4.52	19.9	4.87	20.5	5.11	21.4	5.48
	60.7	16.7	3.57	18.0	4.05	19.0	4.37	19.9	4.71	20.5	4.94	21.4	5.29
	61.7	16.7	3.46	18.0	3.92	19.0	4.23	19.9	4.55	20.5	4.78	21.4	5.12
	62.7	16.7	3.24	18.0	3.67	19.0	3.96	19.9	4.26	20.5	4.47	21.4	4.79
	63.7	16.7	2.99	18.0	3.38	19.0	3.65	19.9	3.93	20.5	4.12	21.4	4.41
	64.7	16.7	2.68	18.0	3.02	19.0	3.26	19.9	3.51	20.5	3.68	21.4	3.93
	65.7	16.7	2.55	18.0	2.88	19.0	3.10	19.9	3.34	20.5	3.50	21.4	3.74
	66.7	16.7	2.47	18.0	2.79	19.0	3.00	19.9	3.23	20.5	3.39	21.4	3.62
	67.7	16.7	2.39	18.0	2.70	19.0	2.91	19.9	3.13	20.5	3.28	21.4	3.51
	68.7	16.7	2.33	18.0	2.63	19.0	2.84	19.9	3.05	20.5	3.20	21.4	3.42
	69.7	16.7	2.29	18.0	2.58	19.0	2.78	19.9	2.99	20.5	3.13	21.4	3.35
	70.7	16.7	2.23	18.0	2.52	19.0	2.71	19.9	2.92	20.5	3.06	21.4	3.27
	71.7	16.7	2.19	18.0	2.47	19.0	2.66	19.9	2.86	20.5	2.99	21.4	3.20
	72.7	16.7	2.14	18.0	2.41	19.0	2.60	19.9	2.79	20.5	2.93	21.4	3.13
	73.7	16.7	2.09	18.0	2.35	19.0	2.53	19.9	2.72	20.5	2.85	21.4	3.05
	74.7	16.7	2.04	18.0	2.30	19.0	2.48	19.9	2.66	20.5	2.79	21.4	2.98
	75.7	16.7	2.01	18.0	2.26	19.0	2.44	19.9	2.62	20.5	2.74	21.4	2.93
	76.7	16.7	1.97	18.0	2.22	19.0	2.40	19.9	2.57	20.5	2.70	21.4	2.88
	77.7	16.7	1.94	18.0	2.19	19.0	2.35	19.9	2.53	20.5	2.65	21.4	2.83
80	78.7	8.0	2.95	8.6	3.32	9.0	3.57	9.5	3.83	9.8	4.00	10.2	4.27
	79.7	8.9	3.06	9.6	3.45	10.1	3.71	10.6	3.99	10.9	4.17	11.4	4.46
	80.7	10.2	3.24	11.0	3.66	11.6	3.95	12.2	4.24	12.5	4.44	13.1	4.75
	81.7	11.3	3.41	12.3	3.85	12.9	4.08	13.5	4.47	13.9	4.69	14.6	5.02
	82.7	13.0	3.57	14.1	4.05	14.8	4.37	15.5	4.71	16.0	4.94	16.7	5.30
	83.7	13.5	3.46	14.6	3.93	15.4	4.24	16.2	4.57	16.6	4.79	17.4	5.14
	84.7	13.9	3.38	15.1	3.83	15.9	4.14	16.6	4.46	17.1	4.67	17.9	5.01
	85.7	14.4	3.27	15.6	3.70	16.4	4.00	17.2	4.31	17.7	4.52	18.5	4.85
	86.7	14.8	3.16	16.0	3.58	16.9	3.86	17.7	4.16	18.2	4.37	19.1	4.68
	87.7	14.8	3.05	16.0	3.46	16.9	3.74	17.7	4.03	18.2	4.22	19.1	4.52
	88.7	14.8	2.96	16.0	3.35	16.9	3.62	17.7	3.89	18.2	4.08	19.1	4.37
	89.7	14.8	2.77	16.0	3.14	16.9	3.39	17.7	3.65	18.2	3.82	19.1	4.10
	90.7	14.8	2.56	16.0	2.89	16.9	3.12	17.7	3.36	18.2	3.52	19.1	3.77
	91.7	14.8	2.29	16.0	2.59	16.9	2.79	17.7	3.00	18.2	3.14	19.1	3.36
	92.7	14.8	2.18	16.0	2.46	16.9	2.65	17.7	2.85	18.2	2.99	19.1	3.20
	93.7	14.8	2.11	16.0	2.38	16.9	2.57	17.7	2.76	18.2	2.89	19.1	3.10
	94.7	14.8	2.04	16.0	2.31	16.9	2.49	17.7	2.67	18.2	2.80	19.1	3.00
	95.7	14.8	1.99	16.0	2.25	16.9	2.43	17.7	2.61	18.2	2.73	19.1	2.93
	96.7	14.8	1.96	16.0	2.21	16.9	2.38	17.7	2.56	18.2	2.68	19.1	2.87
	97.7	14.8	1.91	16.0	2.15	16.9	2.32	17.7	2.49	18.2	2.61	19.1	2.79
	98.7	14.8	1.87	16.0	2.11	16.9	2.27	17.7	2.44	18.2	2.56	19.1	2.74
	99.7	14.8	1.83	16.0	2.06	16.9	2.22	17.7	2.39	18.2	2.50	19.1	2.68
	100.7	14.8	1.78	16.0	2.01	16.9	2.17	17.7	2.33	18.2	2.44	19.1	2.61
	101.7	14.8	1.74	16.0	1.97	16.9	2.12	17.7	2.28	18.2	2.38	19.1	2.55
	102.7	14.8	1.72	16.0	1.94	16.9	2.09	17.7	2.24	18.2	2.35	19.1	2.51
	103.7	14.8	1.69	16.0	1.90	16.9	2.05	17.7	2.20	18.2	2.30	19.1	2.46
	104.7	14.8	1.66	16.0	1.87	16.9	2.01	17.7	2.16	18.2	2.26	19.1	2.42
70	105.7	7.0	2.48	7.5	2.79	7.9	3.00	8.3	3.22	8.5	3.37	8.9	3.60
	106.7	7.8	2.58	8.4	2.91	8.8	3.13	9.3	3.36	9.5	3.52	10.0	3.76
	107.7	8.9	2.73	9.6	3.09	10.1	3.33	10.6	3.58	10.9	3.75	11.5	4.01
	108.7	9.9	2.87	10.7	3.25	11.3	3.44	11.9	3.77	12.2	3.95	12.7	4.23
	109.7	11.4	3.01	12.3	3.41	12.9	3.69	13.6	3.97	14.0	4.17	14.6	4.47
	110.7	11.9	2.92	12.8	3.31	13.5	3.57	14.2	3.85	14.5	4.04	15.2	4.33
	111.7	12.2	2.85	13.2	3.23	13.9	3.49	14.6	3.76	15.0	3.94	15.7	4.22
	112.7	12.6	2.76	13.6	3.12	14.3	3.37	15.1	3.63	15.5	3.81	16.2	4.08
	113.7	13.0	2.66	14.0	3.02	14.8	3.26	15.5	3.51	15.9	3.68	16.7	3.95
	114.7	13.0	2.57	14.0	2.92	14.8	3.15	15.5	3.39	15.9	3.56	16.7	3.81
	115.7	13.0	2.49	14.0	2.82	14.8	3.05	15.5	3.28	15.9	3.44	16.7	3.69
	116.7	13.0	2.34	14.0	2.65	14.8	2.85	15.5	3.07	15.9	3.22	16.7	3.45
	117.7	13.0	2.16	14.0	2.44	14.8	2.63	15.5	2.83	15.9	2.97	16.7	3.18
	118.7	13.0	1.93	14.0	2.18	14.8	2.35	15.5	2.53	15.9	2.65	16.7	2.84
	119.7	13.0	1.84	14.0	2.07	14.8	2.24	15.5	2.41	15.9	2.52	16.7	2.70
	120.7	13.0	1.78	14.0	2.01	14.8	2.16	15.5	2.33	15.9	2.44	16.7	2.61
	121.7	13.0	1.72	14.0	1.94	14.8	2.10	15.5	2.25	15.9	2.36	16.7	2.53
	122.7	13.0	1.68	14.0	1.90	14.8	2.05	15.5	2.20	15.9	2.30	16.7	2.47
	123.7	13.0	1.65	14.0	1.86	14.8	2.00	15.5	2.16	15.9	2.26	16.7	2.42
	124.7	13.0	1.61	14.0	1.81	14.8	1.96	15.5	2.10	15.9	2.20	16.7	2.36
	125.7	13.0	1.58	14.0	1.78	14.8	1.92	15.5	2.06	15.9	2.16	16.7	2.31
	126.7	13.0	1.54	14.0	1.74	14.8	1.87	15.5	2.01	15.9	2.11	16.7	2.26
	127.7	13.0	1.50	14.0	1.70	14.8	1.83	15.5	1.96	15.9	2.06	16.7	2.20
	128.7	13.0	1.47	14.0	1.66	14.8	1.79	15.5	1.92	15.9	2.01	16.7	2.15
	129.7	13.0	1.45	14.0	1.63	14.8	1.76	15.5	1.89	15.9	1.98	16.7	2.11
	130.7	13.0	1.42	14.0	1.60	14.8	1.73	15.5	1.86	15.9	1.94	16.7	2.08
	131.7	13.0	1.40	14.0	1.57	14.8	1.70	15.5	1.82	15.9	1.91	16.7	2.04

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,

COOLING (°C)

MMY-MUP0961FT6P-UL/MMY-MUP0961FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	13.3	5.49	14.3	6.31	15.1	6.88	15.8	7.47	16.3	7.88	13.3	5.49
	50.0	14.8	5.78	16.0	6.66	16.8	7.26	17.6	7.90	18.1	8.34	14.8	5.78
	47.8	17.0	6.24	18.4	7.22	19.3	7.88	20.3	8.59	20.8	9.08	17.0	6.24
	46.1	18.9	6.67	20.4	7.73	21.5	8.36	22.6	9.23	23.2	9.76	18.9	6.67
	43.3	21.7	7.14	23.4	8.30	24.7	9.10	25.9	9.94	26.6	10.53	21.7	7.14
	41.1	22.6	6.92	24.4	8.05	25.7	8.82	27.0	9.64	27.7	10.20	22.6	6.92
	39.4	23.2	6.75	25.1	7.85	26.4	8.60	27.7	9.40	28.5	9.95	23.2	6.75
	37.2	24.0	6.53	25.9	7.59	27.3	8.32	28.7	9.09	29.5	9.63	24.0	6.53
	35.0	24.7	6.31	26.7	7.34	28.1	8.04	29.5	8.79	30.4	9.30	24.7	6.31
	33.9	24.7	6.08	26.7	7.07	28.1	7.74	29.5	8.46	30.4	8.96	24.7	6.08
	32.8	24.7	5.87	26.7	6.82	28.1	7.46	29.5	8.15	30.4	8.63	24.7	5.87
	30.6	24.7	5.47	26.7	6.35	28.1	6.95	29.5	7.59	30.4	8.03	24.7	5.47
	27.8	24.7	5.01	26.7	5.81	28.1	6.36	29.5	6.94	30.4	7.34	24.7	5.01
	23.9	24.7	4.45	26.7	5.15	28.1	5.63	29.5	6.14	30.4	6.50	24.7	4.45
	22.2	24.7	4.22	26.7	4.89	28.1	5.34	29.5	5.83	30.4	6.16	24.7	4.22
	21.1	24.7	4.08	26.7	4.73	28.1	5.17	29.5	5.63	30.4	5.95	24.7	4.08
	20.0	24.7	3.95	26.7	4.57	28.1	4.99	29.5	5.44	30.4	5.75	24.7	3.95
	18.3	24.7	3.85	26.7	4.45	28.1	4.86	29.5	5.30	30.4	5.60	24.7	3.85
	16.7	24.7	3.77	26.7	4.35	28.1	4.76	29.5	5.18	30.4	5.48	24.7	3.77
	14.4	24.7	3.67	26.7	4.24	28.1	4.63	29.5	5.04	30.4	5.33	24.7	3.67
	12.2	24.7	3.59	26.7	4.14	28.1	4.52	29.5	4.93	30.4	5.21	24.7	3.59
	10.0	24.7	3.50	26.7	4.05	28.1	4.42	29.5	4.81	30.4	5.08	24.7	3.50
	4.4	24.7	3.41	26.7	3.93	28.1	4.30	29.5	4.68	30.4	4.94	24.7	3.41
	-1.1	24.7	3.33	26.7	3.84	28.1	4.19	29.5	4.57	30.4	4.82	24.7	3.33
	-5.0	24.7	3.27	26.7	3.78	28.1	4.12	29.5	4.49	30.4	4.74	24.7	3.27
	-9.4	24.7	3.22	26.7	3.71	28.1	4.05	29.5	4.41	30.4	4.66	24.7	3.22
	-15.0	24.7	3.16	26.7	3.64	28.1	3.98	29.5	4.33	30.4	4.57	24.7	3.16
110	51.7	13.5	5.55	14.6	6.38	15.4	6.95	16.2	7.55	16.6	7.96	13.5	5.55
	50.0	15.1	5.84	16.3	6.73	17.1	7.33	18.0	7.98	18.5	8.42	15.1	5.84
	47.8	17.3	6.31	18.7	7.29	19.7	7.96	20.7	8.68	21.3	9.17	17.3	6.31
	46.1	19.3	6.74	20.8	7.81	21.9	8.44	23.0	9.32	23.7	9.86	19.3	6.74
	43.3	22.1	7.21	23.9	8.39	25.2	9.19	26.4	10.04	27.1	10.63	22.1	7.21
	41.1	23.0	6.99	24.9	8.13	26.2	8.91	27.5	9.74	28.3	10.31	23.0	6.99
	39.4	23.7	6.82	25.6	7.93	26.9	8.69	28.3	9.50	29.1	10.06	23.7	6.82
	37.2	24.5	6.60	26.5	7.67	27.9	8.41	29.2	9.19	30.1	9.73	24.5	6.60
	35.0	25.2	6.37	27.3	7.41	28.7	8.12	30.1	8.88	31.0	9.40	25.2	6.37
	33.9	25.2	6.14	27.3	7.14	28.7	7.82	30.1	8.55	31.0	9.05	25.2	6.14
	32.8	25.2	5.93	27.3	6.88	28.7	7.54	30.1	8.24	31.0	8.72	25.2	5.93
	30.6	25.2	5.52	27.3	6.41	28.7	7.02	30.1	7.66	31.0	8.11	25.2	5.52
	27.8	25.2	5.06	27.3	5.87	28.7	6.42	30.1	7.01	31.0	7.41	25.2	5.06
	23.9	25.2	4.49	27.3	5.20	28.7	5.69	30.1	6.21	31.0	6.56	25.2	4.49
	22.2	25.2	4.27	27.3	4.94	28.7	5.40	30.1	5.89	31.0	6.22	25.2	4.27
	21.1	25.2	4.13	27.3	4.77	28.7	5.22	30.1	5.69	31.0	6.01	25.2	4.13
	20.0	25.2	3.99	27.3	4.61	28.7	5.04	30.1	5.50	31.0	5.81	25.2	3.99
	18.3	25.2	3.89	27.3	4.49	28.7	4.91	30.1	5.35	31.0	5.66	25.2	3.89
	16.7	25.2	3.80	27.3	4.40	28.7	4.80	30.1	5.23	31.0	5.53	25.2	3.80
	14.4	25.2	3.70	27.3	4.28	28.7	4.67	30.1	5.09	31.0	5.38	25.2	3.70
	12.2	25.2	3.62	27.3	4.18	28.7	4.57	30.1	4.98	31.0	5.26	25.2	3.62
	10.0	25.2	3.54	27.3	4.09	28.7	4.46	30.1	4.86	31.0	5.14	25.2	3.54
	4.4	25.2	3.44	27.3	3.98	28.7	4.34	30.1	4.73	31.0	4.99	25.2	3.44
	-1.1	25.2	3.36	27.3	3.88	28.7	4.24	30.1	4.61	31.0	4.87	25.2	3.36
	-5.0	25.2	3.31	27.3	3.82	28.7	4.17	30.1	4.54	31.0	4.79	25.2	3.31
	-9.4	25.2	3.25	27.3	3.75	28.7	4.09	30.1	4.45	31.0	4.71	25.2	3.25
	-15.0	25.2	3.19	27.3	3.68	28.7	4.02	30.1	4.37	31.0	4.62	25.2	3.19
120	51.7	13.9	5.66	15.0	6.50	15.8	7.08	16.6	7.70	17.1	8.12	13.9	5.66
	50.0	15.5	5.95	16.8	6.86	17.6	7.48	18.5	8.14	19.0	8.59	15.5	5.95
	47.8	17.8	6.43	19.3	7.43	20.3	8.12	21.3	8.85	21.9	9.35	17.8	6.43
	46.1	19.8	6.87	21.4	7.96	22.6	8.61	23.7	9.51	24.4	10.05	19.8	6.87
	43.3	22.8	7.35	24.6	8.55	25.9	9.37	27.2	10.24	27.9	10.84	22.8	7.35
	41.1	23.7	7.13	25.6	8.29	27.0	9.08	28.3	9.93	29.1	10.51	23.7	7.13
	39.4	24.4	6.95	26.4	8.09	27.7	8.86	29.1	9.68	29.9	10.25	24.4	6.95
	37.2	25.2	6.73	27.2	7.82	28.7	8.57	30.1	9.37	30.9	9.92	25.2	6.73
	35.0	26.0	6.50	28.1	7.56	29.5	8.28	31.0	9.05	31.9	9.58	26.0	6.50
	33.9	26.0	6.26	28.1	7.28	29.5	7.98	31.0	8.72	31.9	9.23	26.0	6.26
	32.8	26.0	6.04	28.1	7.02	29.5	7.69	31.0	8.40	31.9	8.89	26.0	6.04
	30.6	26.0	5.63	28.1	6.54	29.5	7.16	31.0	7.81	31.9	8.27	26.0	5.63
	27.8	26.0	5.16	28.1	5.99	29.5	6.55	31.0	7.15	31.9	7.56	26.0	5.16
	23.9	26.0	4.58	28.1	5.31	29.5	5.80	31.0	6.33	31.9	6.69	26.0	4.58
	22.2	26.0	4.35	28.1	5.04	29.5	5.51	31.0	6.00	31.9	6.35	26.0	4.35
	21.1	26.0	4.21	28.1	4.87	29.5	5.32	31.0	5.80	31.9	6.13	26.0	4.21
	20.0	26.0	4.07	28.1	4.70	29.5	5.14	31.0	5.60	31.9	5.92	26.0	4.07
	18.3	26.0	3.96	28.1	4.58	29.5	5.01	31.0	5.46	31.9	5.77	26.0	3.96
	16.7	26.0	3.88	28.1	4.48	29.5	4.90	31.0	5.34	31.9	5.64	26.0	3.88
	14.4	26.0	3.78	28.1	4.36	29.5	4.77	31.0	5.19	31.9	5.49	26.0	3.78
	12.2	26.0	3.69	28.1	4.27	29.5	4.66	31.0	5.08	31.9	5.36	26.0	3.69
	10.0	26.0	3.61	28.1	4.17	29.5	4.55	31.0	4.96	31.9	5.24	26.0	3.61
	4.4	26.0	3.51	28.1	4.05	29.5	4.42	31.0	4.82	31.9	5.09	26.0	3.51
	-1.1	26.0	3.43	28.1	3.96	29.5	4.32	31.0	4.70	31.9	4.97	26.0	3.43
	-5.0	26.0	3.37	28.1	3.89	29.5	4.25	31.0	4.63	31.9	4.89	26.0	3.37
	-9.4	26.0	3.31	28.1	3.82	29.5	4.17	31.0	4.54	31.9	4.80	26.0	3.31
	-15.0	26.0	3.25	28.1	3.75	29.5	4.10	31.0	4.46	31.9	4.71	26.0	3.25
130	51.7	14.3	5.74	15.4	6.60	16.2	7.18	17.0	7.80	17.5	8.23	14.1	5.69
	50.0	15.9	6.04	17.2	6.96	18.1	7.59	19.0	8.25	19.5	8.71	15.7	5.98
	47.8	18.3	6.52	19.7	7.54	20.8	8.24	21.8	8.97	22.4	9.48	18.1	6.46
	46.1	20.3	6.97	22.0	8.08	23.1	8.73	24.3	9.64	24.9	10.20	20.1	6.90
	43.3	23.3	7.46	25.2	8.67	26.5	9.50	27.8	10.39	28.6	11.00	23.1	7.39
	41.1	24.3	7.23	26.2	8.41	27.6	9.21	29.0	10.07	29.8	10.66	24.0	7.16
	39.4	25.0	7.05	27.0	8.20	28.4	8.99	29.8	9.82	30.6	10.40	24.7	6.99
	37.2	25.8	6.82	27.9	7.93	29.4	8.69	30.8	9.50	31.7	10.06	25.6	6.76
	35.0	26.6	6.59	28.7	7.66	30.2	8.40	31.8	9.18	32.6	9.72	26.3	6.53
	33.9	26.6	6.35	28.7	7.38	30.2	8.09	31.8	8.84	32.6	9.36	26.3	6.29
	32.8	26.6	6.13	28.7	7.12	30.2	7.80	31.8	8.52	32.6	9.02	26.3	6.07
	30.6	26.6	5.71	28.7	6.63	30.2	7.26	31.8	7.93	32.6	8.39	26.3	5.66
	27.8	26.6	5.24	28.7	6.07	30.2	6.64	31.8	7.25	32.6	7.67	26.3	5.19
	23.9	26.6	4.65	28.7	5.38	30.2	5.89	31.8	6.42	32.6	6.79	26.3	4.60
	22.2	26.6	4.41	28.7	5.11	30.2	5.58	31.8	6.09	32.6	6.44	26.3	4.37
	21.1	26.6	4.27	28.7	4.94	30.2	5.40	31.8	5.88	32.6	6.22	26.3	4.23
	20.0	26.6	4.12	28.7	4.77	30.2	5.21	31.8	5.68	32.6	6.01	26.3	4.09
	18.3	26.6	4.02	28.7	4.65	30.2	5.08	31.8	5.54	32.6	5.85	26.3	3.98
	16.7	26.6	3.93	28.7	4.55	30.2	4.97	31.8	5.41	32.6	5.72	26.3	3.90
	14.4	26.6	3.83	28.7	4.43	30.2	4.83	31.8	5.27	32.6	5.57	26.3	3.79
	12.2	26.6	3.75	28.7	4.33	30.2	4.73	31.8	5.15	32.6	5.44	26.3	3.71
	10.0	26.6	3.66	28.7	4.23	30.2	4.61	31.8	5.03	32.6	5.31	26.3	3.63
	4.4	26.6	3.56	28.7	4.11	30.2	4.49	31.8	4.89	32.6	5.16	26.3	3.53
	-1.1	26.6	3.48	28.7	4.01	30.2	4.38	31.8	4.77	32.6	5.04	26.3	3.45
	-5.0	26.6	3.42	28.7	3.95	30.2	4.31	31.8	4.69	32.6	4.96	26.3	3.39
	-9.4	26.6	3.36	28.7	3.88	30.2	4.23	31.8	4.61	32.6	4.87	26.3	3.33
	-15.0	26.6	3.30	28.7	3.81	30.2	4.16	31.8	4.52	32.6	4.78	26.3	3.27

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	11.9	4.75	12.9	5.46	13.6	5.94	14.3	6.46	14.6	6.81	11.9	4.75
	50.0	13.3	5.00	14.4	5.76	15.1	6.28	15.9	6.83	16.3	7.21	13.3	5.00
	47.8	15.3	5.40	16.5	6.24	17.4	6.81	18.3	7.43	18.8	7.85	15.3	5.40
	46.1	17.0	5.76	18.4	6.68	19.4	7.22	20.3	7.98	20.9	8.44	17.0	5.76
	43.3	19.5	6.17	21.1	7.18	22.2	7.86	23.3	8.59	24.0	9.10	19.5	6.17
	41.1	20.3	5.98	22.0	6.96	23.1	7.62	24.3	8.33	24.9	8.82	20.3	5.98
	39.4	20.9	5.83	22.6	6.78	23.8	7.44	25.0	8.13	25.7	8.60	20.9	5.83
	37.2	21.6	5.64	23.3	6.56	24.6	7.19	25.8	7.86	26.5	8.32	21.6	5.64
	35.0	22.3	5.45	24.1	6.34	25.3	6.95	26.6	7.59	27.3	8.04	22.3	5.45
	33.9	22.3	5.26	24.1	6.11	25.3	6.69	26.6	7.31	27.3	7.74	22.3	5.26
	32.8	22.3	5.07	24.1	5.89	25.3	6.45	26.6	7.05	27.3	7.46	22.3	5.07
	30.6	22.3	4.73	24.1	5.49	25.3	6.01	26.6	6.56	27.3	6.94	22.3	4.73
	27.8	22.3	4.33	24.1	5.02	25.3	5.50	26.6	6.00	27.3	6.34	22.3	4.33
	23.9	22.3	3.85	24.1	4.45	25.3	4.87	26.6	5.31	27.3	5.61	22.3	3.85
	22.2	22.3	3.65	24.1	4.23	25.3	4.62	26.6	5.04	27.3	5.33	22.3	3.65
	21.1	22.3	3.53	24.1	4.08	25.3	4.46	26.6	4.87	27.3	5.15	22.3	3.53
	20.0	22.3	3.41	24.1	3.95	25.3	4.31	26.6	4.70	27.3	4.97	22.3	3.41
	18.3	22.3	3.33	24.1	3.85	25.3	4.20	26.6	4.58	27.3	4.84	22.3	3.33
	16.7	22.3	3.25	24.1	3.76	25.3	4.11	26.6	4.48	27.3	4.73	22.3	3.25
	14.4	22.3	3.17	24.1	3.66	25.3	4.00	26.6	4.36	27.3	4.60	22.3	3.17
	12.2	22.3	3.10	24.1	3.58	25.3	3.91	26.6	4.26	27.3	4.50	22.3	3.10
	10.0	22.3	3.03	24.1	3.50	25.3	3.82	26.6	4.16	27.3	4.39	22.3	3.03
	4.4	22.3	2.95	24.1	3.40	25.3	3.71	26.6	4.04	27.3	4.27	22.3	2.95
	-1.1	22.3	2.88	24.1	3.32	25.3	3.62	26.6	3.95	27.3	4.17	22.3	2.88
	-5.0	22.3	2.83	24.1	3.27	25.3	3.57	26.6	3.88	27.3	4.10	22.3	2.83
	-9.4	22.3	2.78	24.1	3.21	25.3	3.50	26.6	3.81	27.3	4.03	22.3	2.78
	-15.0	22.3	2.73	24.1	3.15	25.3	3.44	26.6	3.74	27.3	3.95	22.3	2.73
80	51.7	10.6	4.06	11.5	4.67	12.1	5.08	12.7	5.52	13.0	5.82	10.6	4.06
	50.0	11.8	4.27	12.8	4.92	13.4	5.37	14.1	5.84	14.5	6.16	11.8	4.27
	47.8	13.6	4.61	14.7	5.33	15.5	5.83	16.2	6.35	16.7	6.71	13.6	4.61
	46.1	15.1	4.93	16.3	5.71	17.2	6.18	18.1	6.82	18.6	7.21	15.1	4.93
	43.3	17.3	5.28	18.7	6.13	19.7	6.72	20.7	7.35	21.3	7.78	17.3	5.28
	41.1	18.1	5.11	19.5	5.95	20.5	6.52	21.6	7.12	22.2	7.54	18.1	5.11
	39.4	18.6	4.99	20.1	5.80	21.1	6.36	22.2	6.95	22.8	7.36	18.6	4.99
	37.2	19.2	4.83	20.8	5.61	21.8	6.15	22.9	6.72	23.6	7.12	19.2	4.83
	35.0	19.8	4.66	21.4	5.42	22.5	5.94	23.6	6.49	24.3	6.87	19.8	4.66
	33.9	19.8	4.49	21.4	5.22	22.5	5.72	23.6	6.25	24.3	6.62	19.8	4.49
	32.8	19.8	4.34	21.4	5.04	22.5	5.52	23.6	6.03	24.3	6.38	19.8	4.34
	30.6	19.8	4.04	21.4	4.69	22.5	5.13	23.6	5.61	24.3	5.93	19.8	4.04
	27.8	19.8	3.70	21.4	4.29	22.5	4.70	23.6	5.13	24.3	5.42	19.8	3.70
	23.9	19.8	3.29	21.4	3.81	22.5	4.16	23.6	4.54	24.3	4.80	19.8	3.29
	22.2	19.8	3.12	21.4	3.61	22.5	3.95	23.6	4.31	24.3	4.55	19.8	3.12
	21.1	19.8	3.02	21.4	3.49	22.5	3.82	23.6	4.16	24.3	4.40	19.8	3.02
	20.0	19.8	2.92	21.4	3.37	22.5	3.69	23.6	4.02	24.3	4.25	19.8	2.92
	18.3	19.8	2.84	21.4	3.29	22.5	3.59	23.6	3.92	24.3	4.14	19.8	2.84
	16.7	19.8	2.78	21.4	3.22	22.5	3.51	23.6	3.83	24.3	4.05	19.8	2.78
	14.4	19.8	2.71	21.4	3.13	22.5	3.42	23.6	3.73	24.3	3.94	19.8	2.71
	12.2	19.8	2.65	21.4	3.06	22.5	3.34	23.6	3.64	24.3	3.85	19.8	2.65
	10.0	19.8	2.59	21.4	2.99	22.5	3.26	23.6	3.56	24.3	3.76	19.8	2.59
	4.4	19.8	2.52	21.4	2.91	22.5	3.17	23.6	3.46	24.3	3.65	19.8	2.52
	-1.1	19.8	2.46	21.4	2.84	22.5	3.10	23.6	3.37	24.3	3.56	19.8	2.46
	-5.0	19.8	2.42	21.4	2.79	22.5	3.05	23.6	3.32	24.3	3.51	19.8	2.42
	-9.4	19.8	2.38	21.4	2.74	22.5	2.99	23.6	3.26	24.3	3.44	19.8	2.38
	-15.0	19.8	2.33	21.4	2.69	22.5	2.94	23.6	3.20	24.3	3.38	19.8	2.33
70	51.7	9.3	3.42	10.0	3.93	10.6	4.28	11.1	4.65	11.4	4.91	9.3	3.42
	50.0	10.3	3.60	11.2	4.15	11.8	4.52	12.3	4.92	12.7	5.19	10.3	3.60
	47.8	11.9	3.89	12.8	4.49	13.5	4.91	14.2	5.35	14.6	5.65	11.9	3.89
	46.1	13.2	4.15	14.3	4.81	15.1	5.21	15.8	5.75	16.2	6.08	13.2	4.15
	43.3	15.2	4.45	16.4	5.17	17.3	5.67	18.1	6.19	18.6	6.56	15.2	4.45
	41.1	15.8	4.31	17.1	5.01	18.0	5.49	18.9	6.00	19.4	6.36	15.8	4.31
	39.4	16.3	4.20	17.6	4.89	18.5	5.36	19.4	5.86	20.0	6.20	16.3	4.20
	37.2	16.8	4.07	18.2	4.73	19.1	5.18	20.1	5.66	20.6	6.00	16.8	4.07
	35.0	17.3	3.93	18.7	4.57	19.7	5.01	20.7	5.47	21.3	5.79	17.3	3.93
	33.9	17.3	3.79	18.7	4.40	19.7	4.82	20.7	5.27	21.3	5.58	17.3	3.79
	32.8	17.3	3.65	18.7	4.24	19.7	4.65	20.7	5.08	21.3	5.38	17.3	3.65
	30.6	17.3	3.41	18.7	3.95	19.7	4.33	20.7	4.73	21.3	5.00	17.3	3.41
	27.8	17.3	3.12	18.7	3.62	19.7	3.96	20.7	4.32	21.3	4.57	17.3	3.12
	23.9	17.3	2.77	18.7	3.21	19.7	3.51	20.7	3.83	21.3	4.05	17.3	2.77
	22.2	17.3	2.63	18.7	3.05	19.7	3.33	20.7	3.63	21.3	3.84	17.3	2.63
	21.1	17.3	2.54	18.7	2.94	19.7	3.22	20.7	3.51	21.3	3.71	17.3	2.54
	20.0	17.3	2.46	18.7	2.84	19.7	3.11	20.7	3.39	21.3	3.58	17.3	2.46
	18.3	17.3	2.40	18.7	2.77	19.7	3.03	20.7	3.30	21.3	3.49	17.3	2.40
	16.7	17.3	2.35	18.7	2.71	19.7	2.96	20.7	3.23	21.3	3.41	17.3	2.35
	14.4	17.3	2.28	18.7	2.64	19.7	2.88	20.7	3.14	21.3	3.32	17.3	2.28
	12.2	17.3	2.23	18.7	2.58	19.7	2.82	20.7	3.07	21.3	3.24	17.3	2.23
	10.0	17.3	2.18	18.7	2.52	19.7	2.75	20.7	3.00	21.3	3.17	17.3	2.18
	4.4	17.3	2.12	18.7	2.45	19.7	2.68	20.7	2.91	21.3	3.08	17.3	2.12
	-1.1	17.3	2.07	18.7	2.39	19.7	2.61	20.7	2.84	21.3	3.00	17.3	2.07
	-5.0	17.3	2.04	18.7	2.35	19.7	2.57	20.7	2.80	21.3	2.95	17.3	2.04
	-9.4	17.3	2.00	18.7	2.31	19.7	2.52	20.7	2.75	21.3	2.90	17.3	2.00
	-15.0	17.3	1.97	18.7	2.27	19.7	2.48	20.7	2.70	21.3	2.85	17.3	1.97

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary

MMY-MUP1201FT6P-UL/MMY-MUP1201FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	16.6	6.50	17.9	7.49	18.9	8.18	19.8	8.91	20.4	9.41	21.3	10.19
	50.0	18.5	6.86	19.9	7.92	21.0	8.66	22.0	9.44	22.7	9.98	23.7	10.82
	47.8	21.3	7.43	22.9	8.61	24.1	9.43	25.4	10.29	26.1	10.90	27.3	11.83
	46.1	23.7	7.96	25.5	9.25	26.9	10.04	28.2	11.08	29.0	11.74	30.4	12.76
	43.3	27.1	8.55	29.3	9.96	30.8	10.93	32.4	11.96	33.3	12.69	34.8	13.80
	41.1	28.2	8.29	30.5	9.65	32.1	10.60	33.7	11.59	34.7	12.30	36.3	13.38
	39.4	29.1	8.08	31.4	9.42	33.0	10.34	34.7	11.31	35.7	12.00	37.3	13.05
	37.2	30.0	7.82	32.4	9.11	34.1	10.00	35.8	10.94	36.9	11.61	38.6	12.63
	35.0	30.9	7.56	33.4	8.80	35.2	9.66	36.9	10.57	38.0	11.21	39.7	12.20
	33.9	30.9	7.28	33.4	8.48	35.2	9.30	36.9	10.18	38.0	10.79	39.7	11.74
	32.8	30.9	7.02	33.4	8.17	35.2	8.96	36.9	9.80	38.0	10.40	39.7	11.31
	30.6	30.9	6.54	33.4	7.60	35.2	8.34	36.9	9.11	38.0	9.66	39.7	10.51
	27.8	30.9	5.99	33.4	6.95	35.2	7.62	36.9	8.33	38.0	8.83	39.7	9.59
	23.9	30.9	5.31	33.4	6.16	35.2	6.75	36.9	7.37	38.0	7.81	39.7	8.48
	22.2	30.9	5.04	33.4	5.84	35.2	6.40	36.9	6.99	38.0	7.40	39.7	8.04
	21.1	30.9	4.87	33.4	5.65	35.2	6.18	36.9	6.75	38.0	7.15	39.7	7.77
	20.0	30.9	4.70	33.4	5.46	35.2	5.97	36.9	6.52	38.0	6.91	39.7	7.50
	18.3	30.9	4.58	33.4	5.31	35.2	5.82	36.9	6.35	38.0	6.73	39.7	7.30
	16.7	30.9	4.48	33.4	5.20	35.2	5.69	36.9	6.21	38.0	6.58	39.7	7.14
	14.4	30.9	4.36	33.4	5.06	35.2	5.53	36.9	6.04	38.0	6.39	39.7	6.94
	12.2	30.9	4.27	33.4	4.94	35.2	5.41	36.9	5.90	38.0	6.25	39.7	6.78
	10.0	30.9	4.17	33.4	4.83	35.2	5.28	36.9	5.76	38.0	6.10	39.7	6.62
	4.4	30.9	4.05	33.4	4.69	35.2	5.13	36.9	5.60	38.0	5.93	39.7	6.43
	-1.1	30.9	3.96	33.4	4.58	35.2	5.01	36.9	5.46	38.0	5.78	39.7	6.27
	-5.0	30.9	3.89	33.4	4.50	35.2	4.93	36.9	5.37	38.0	5.69	39.7	6.17
	-9.4	30.9	3.82	33.4	4.42	35.2	4.84	36.9	5.28	38.0	5.58	39.7	6.06
	-15.0	30.9	3.75	33.4	4.34	35.2	4.75	36.9	5.18	38.0	5.48	39.7	5.95
110	51.7	16.9	6.57	18.3	7.57	19.2	8.26	20.2	9.00	20.8	9.51	21.7	10.30
	50.0	18.8	6.93	20.3	8.00	21.4	8.75	22.5	9.53	23.1	10.08	24.2	10.93
	47.8	21.7	7.51	23.4	8.70	24.6	9.53	25.9	10.40	26.6	11.01	27.8	11.95
	46.1	24.1	8.04	26.0	9.34	27.4	10.14	28.8	11.19	29.6	11.86	31.0	12.89
	43.3	27.7	8.64	29.9	10.06	31.4	11.04	33.0	12.08	34.0	12.82	35.5	13.95
	41.1	28.8	8.37	31.1	9.75	32.7	10.70	34.4	11.71	35.4	12.43	37.0	13.52
	39.4	29.6	8.17	32.0	9.51	33.7	10.44	35.4	11.43	36.4	12.12	38.1	13.19
	37.2	30.6	7.90	33.1	9.20	34.8	10.10	36.6	11.05	37.6	11.73	39.3	12.76
	35.0	31.6	7.63	34.1	8.89	35.9	9.76	37.7	10.68	38.7	11.33	40.5	12.33
	33.9	31.6	7.35	34.1	8.56	35.9	9.40	37.7	10.28	38.7	10.90	40.5	11.86
	32.8	31.6	7.09	34.1	8.25	35.9	9.05	37.7	9.90	38.7	10.50	40.5	11.42
	30.6	31.6	6.60	34.1	7.68	35.9	8.42	37.7	9.21	38.7	9.76	40.5	10.61
	27.8	31.6	6.05	34.1	7.03	35.9	7.70	37.7	8.42	38.7	8.92	40.5	9.69
	23.9	31.6	5.36	34.1	6.22	35.9	6.82	37.7	7.45	38.7	7.89	40.5	8.57
	22.2	31.6	5.09	34.1	5.90	35.9	6.46	37.7	7.06	38.7	7.48	40.5	8.12
	21.1	31.6	4.92	34.1	5.70	35.9	6.25	37.7	6.82	38.7	7.23	40.5	7.84
	20.0	31.6	4.75	34.1	5.51	35.9	6.03	37.7	6.59	38.7	6.98	40.5	7.58
	18.3	31.6	4.63	34.1	5.37	35.9	5.88	37.7	6.41	38.7	6.79	40.5	7.38
	16.7	31.6	4.53	34.1	5.25	35.9	5.75	37.7	6.27	38.7	6.64	40.5	7.21
	14.4	31.6	4.41	34.1	5.11	35.9	5.59	37.7	6.10	38.7	6.46	40.5	7.01
	12.2	31.6	4.31	34.1	4.99	35.9	5.46	37.7	5.96	38.7	6.31	40.5	6.85
	10.0	31.6	4.21	34.1	4.87	35.9	5.33	37.7	5.82	38.7	6.16	40.5	6.69
	4.4	31.6	4.09	34.1	4.74	35.9	5.18	37.7	5.66	38.7	5.99	40.5	6.49
	-1.1	31.6	4.00	34.1	4.63	35.9	5.06	37.7	5.52	38.7	5.84	40.5	6.34
	-5.0	31.6	3.93	34.1	4.55	35.9	4.98	37.7	5.43	38.7	5.75	40.5	6.23
	-9.4	31.6	3.86	34.1	4.47	35.9	4.89	37.7	5.33	38.7	5.64	40.5	6.12
	-15.0	31.6	3.79	34.1	4.39	35.9	4.80	37.7	5.23	38.7	5.54	40.5	6.01
120	51.7	17.4	6.70	18.8	7.72	19.8	8.43	20.8	9.17	21.4	9.70	22.4	10.50
	50.0	19.4	7.06	20.9	8.16	22.0	8.92	23.1	9.72	23.8	10.28	24.9	11.14
	47.8	22.3	7.66	24.1	8.87	25.4	9.71	26.6	10.60	27.4	11.23	28.7	12.18
	46.1	24.8	8.20	26.8	9.53	28.2	10.34	29.6	11.41	30.5	12.09	31.9	13.14
	43.3	28.5	8.81	30.7	10.26	32.4	11.26	34.0	12.32	35.0	13.07	36.6	14.22
	41.1	29.7	8.54	32.0	9.94	33.7	10.91	35.4	11.94	36.4	12.67	38.1	13.78
	39.4	30.5	8.33	32.9	9.70	34.7	10.65	36.4	11.65	37.4	12.36	39.2	13.45
	37.2	31.5	8.06	34.1	9.38	35.8	10.30	37.6	11.27	38.7	11.96	40.5	13.01
	35.0	32.5	7.78	35.1	9.07	36.9	9.95	38.8	10.89	39.9	11.55	41.7	12.57
	33.9	32.5	7.50	35.1	8.73	36.9	9.58	38.8	10.48	39.9	11.12	41.7	12.09
	32.8	32.5	7.23	35.1	8.41	36.9	9.23	38.8	10.10	39.9	10.71	41.7	11.65
	30.6	32.5	6.73	35.1	7.83	36.9	8.59	38.8	9.39	39.9	9.95	41.7	10.82
	27.8	32.5	6.17	35.1	7.16	36.9	7.85	38.8	8.58	39.9	9.10	41.7	9.88
	23.9	32.5	5.47	35.1	6.34	36.9	6.95	38.8	7.59	39.9	8.04	41.7	8.74
	22.2	32.5	5.19	35.1	6.02	36.9	6.59	38.8	7.20	39.9	7.63	41.7	8.28
	21.1	32.5	5.01	35.1	5.82	36.9	6.37	38.8	6.95	39.9	7.37	41.7	8.00
	20.0	32.5	4.85	35.1	5.62	36.9	6.15	38.8	6.72	39.9	7.12	41.7	7.72
	18.3	32.5	4.72	35.1	5.47	36.9	5.99	38.8	6.54	39.9	6.93	41.7	7.52
	16.7	32.5	4.62	35.1	5.35	36.9	5.86	38.8	6.40	39.9	6.77	41.7	7.35
	14.4	32.5	4.49	35.1	5.21	36.9	5.70	38.8	6.22	39.9	6.59	41.7	7.15
	12.2	32.5	4.40	35.1	5.09	36.9	5.57	38.8	6.08	39.9	6.44	41.7	6.98
	10.0	32.5	4.29	35.1	4.97	36.9	5.44	38.8	5.93	39.9	6.28	41.7	6.82
	4.4	32.5	4.17	35.1	4.83	36.9	5.29	38.8	5.77	39.9	6.10	41.7	6.62
	-1.1	32.5	4.08	35.1	4.72	36.9	5.16	38.8	5.63	39.9	5.96	41.7	6.46
	-5.0	32.5	4.01	35.1	4.64	36.9	5.07	38.8	5.53	39.9	5.86	41.7	6.35
	-9.4	32.5	3.94	35.1	4.56	36.9	4.98	38.8	5.43	39.9	5.75	41.7	6.24
	-15.0	32.5	3.87	35.1	4.47	36.9	4.89	38.8	5.34	39.9	5.65	41.7	6.13
130	51.7	17.8	6.79	19.3	7.83	20.3	8.55	21.3	9.30	21.9	9.84	22.7	10.55
	50.0	19.9	7.16	21.4	8.28	22.6	9.04	23.7	9.86	24.4	10.43	25.3	11.20
	47.8	22.8	7.77	24.7	9.00	26.0	9.85	27.3	10.75	28.0	11.39	29.1	12.24
	46.1	25.4	8.32	27.4	9.66	28.9	10.49	30.3	11.57	31.2	12.27	32.3	13.20
	43.3	29.2	8.93	31.5	10.40	33.1	11.42	34.8	12.50	35.8	13.26	37.1	14.29
	41.1	30.4	8.66	32.8	10.08	34.5	11.07	36.2	12.11	37.3	12.85	38.6	13.85
	39.4	31.2	8.45	33.7	9.84	35.5	10.80	37.3	11.82	38.3	12.53	39.7	13.51
	37.2	32.3	8.17	34.9	9.52	36.7	10.44	38.5	11.43	39.6	12.13	41.1	13.07
	35.0	33.3	7.89	35.9	9.19	37.8	10.09	39.7	11.04	40.8	11.72	42.3	12.63
	33.9	33.3	7.61	35.9	8.85	37.8	9.72	39.7	10.63	40.8	11.28	42.3	12.15
	32.8	33.3	7.33	35.9	8.53	37.8	9.36	39.7	10.24	40.8	10.86	42.3	11.70
	30.6	33.3	6.83	35.9	7.94	37.8	8.71	39.7	9.52	40.8	10.10	42.3	10.87
	27.8	33.3	6.25	35.9	7.27	37.8	7.96	39.7	8.70	40.8	9.22	42.3	9.93
	23.9	33.3	5.54	35.9	6.43	37.8	7.05	39.7	7.70	40.8	8.16	42.3	8.78
	22.2	33.3	5.26	35.9	6.10	37.8	6.68	39.7	7.30	40.8	7.73	42.3	8.32
	21.1	33.3	5.09	35.9	5.90	37.8	6.46	39.7	7.05	40.8	7.47	42.3	8.04
	20.0	33.3	4.91	35.9	5.70	37.8	6.24	39.7	6.81	40.8	7.22	42.3	7.76
	18.3	33.3	4.79	35.9	5.55	37.8	6.08	39.7	6.63	40.8	7.03	42.3	7.56
	16.7	33.3	4.68	35.9	5.43	37.8	5.94	39.7	6.49	40.8	6.87	42.3	7.39
	14.4	33.3	4.56	35.9	5.28	37.8	5.78	39.7	6.31	40.8	6.68	42.3	7.18
	12.2	33.3	4.46	35.9	5.16	37.8	5.65	39.7	6.16	40.8	6.53	42.3	7.02
	10.0	33.3	4.35	35.9	5.04	37.8	5.52	39.7	6.02	40.8	6.37	42.3	6.85
	4.4	33.3	4.23	35.9	4.90	37.8	5.36	39.7	5.85	40.8	6.19	42.3	6.65
	-1.1	33.3	4.13	35.9	4.78	37.8	5.23	39.7	5.71	40.8	6.04	42.3	6.49
	-5.0	33.3	4.07	35.9	4.71	37.8	5.15	39.7	5.61	40.8	5.94	42.3	6.38
	-9.4	33.3	3.99	35.9	4.62	37.8	5.05	39.7	5.51	40.8	5.83	42.3	6.27
	-15.0	33.3	3.92	35.9	4.54	37.8	4.96	39.7	5.41	40.8	5.73	42.3	6.16

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	14.9	5.62	16.1	6.48	17.0	7.07	17.8	7.70	18.3	8.14	19.2	8.81
	50.0	16.6	5.93	18.0	6.85	18.9	7.48	19.8	8.16	20.4	8.63	21.4	9.35
	47.8	19.1	6.42	20.6	7.45	21.7	8.15	22.8	8.90	23.5	9.42	24.6	10.22
	46.1	21.3	6.88	23.0	7.99	24.2	8.68	25.4	9.58	26.1	10.15	27.3	11.03
	43.3	24.4	7.39	26.4	8.61	27.7	9.45	29.1	10.34	30.0	10.97	31.4	11.93
	41.1	25.4	7.16	27.4	8.34	28.9	9.16	30.3	10.02	31.2	10.63	32.6	11.57
	39.4	26.2	6.99	28.2	8.14	29.7	8.93	31.2	9.78	32.1	10.37	33.6	11.28
	37.2	27.0	6.76	29.2	7.87	30.7	8.64	32.3	9.46	33.2	10.03	34.7	10.91
	35.0	27.9	6.53	30.1	7.61	31.7	8.35	33.2	9.14	34.2	9.69	35.8	10.55
	33.9	27.9	6.29	30.1	7.33	31.7	8.04	33.2	8.80	34.2	9.33	35.8	10.15
	32.8	27.9	6.07	30.1	7.06	31.7	7.75	33.2	8.47	34.2	8.99	35.8	9.77
	30.6	27.9	5.65	30.1	6.57	31.7	7.21	33.2	7.88	34.2	8.35	35.8	9.08
	27.8	27.9	5.17	30.1	6.01	31.7	6.59	33.2	7.20	34.2	7.63	35.8	8.29
	23.9	27.9	4.59	30.1	5.32	31.7	5.83	33.2	6.37	34.2	6.75	35.8	7.33
	22.2	27.9	4.35	30.1	5.05	31.7	5.53	33.2	6.04	34.2	6.40	35.8	6.95
	21.1	27.9	4.21	30.1	4.88	31.7	5.34	33.2	5.84	34.2	6.18	35.8	6.71
	20.0	27.9	4.07	30.1	4.71	31.7	5.16	33.2	5.64	34.2	5.97	35.8	6.48
	18.3	27.9	3.96	30.1	4.59	31.7	5.03	33.2	5.49	34.2	5.81	35.8	6.31
	16.7	27.9	3.88	30.1	4.49	31.7	4.92	33.2	5.37	34.2	5.68	35.8	6.17
	14.4	27.9	3.77	30.1	4.37	31.7	4.78	33.2	5.22	34.2	5.53	35.8	6.00
	12.2	27.9	3.69	30.1	4.27	31.7	4.67	33.2	5.10	34.2	5.40	35.8	5.86
	10.0	27.9	3.60	30.1	4.17	31.7	4.56	33.2	4.98	34.2	5.27	35.8	5.72
	4.4	27.9	3.50	30.1	4.06	31.7	4.44	33.2	4.84	34.2	5.12	35.8	5.56
	-1.1	27.9	3.42	30.1	3.96	31.7	4.33	33.2	4.72	34.2	5.00	35.8	5.42
	-5.0	27.9	3.36	30.1	3.89	31.7	4.26	33.2	4.64	34.2	4.92	35.8	5.33
	-9.4	27.9	3.30	30.1	3.82	31.7	4.18	33.2	4.56	34.2	4.83	35.8	5.24
	-15.0	27.9	3.24	30.1	3.75	31.7	4.11	33.2	4.48	34.2	4.74	35.8	5.14
80	51.7	13.3	4.80	14.3	5.54	15.1	6.04	15.8	6.58	16.3	6.96	17.0	7.53
	50.0	14.8	5.07	16.0	5.85	16.8	6.40	17.6	6.97	18.1	7.38	19.0	8.00
	47.8	17.0	5.49	18.4	6.37	19.3	6.97	20.3	7.61	20.9	8.05	21.8	8.74
	46.1	18.9	5.88	20.4	6.84	21.5	7.42	22.6	8.19	23.2	8.68	24.3	9.43
	43.3	21.7	6.32	23.4	7.36	24.7	8.08	25.9	8.84	26.6	9.38	27.9	10.20
	41.1	22.6	6.12	24.4	7.13	25.7	7.83	27.0	8.57	27.7	9.09	29.0	9.89
	39.4	23.2	5.97	25.1	6.96	26.4	7.64	27.7	8.36	28.5	8.87	29.9	9.65
	37.2	24.0	5.78	25.9	6.73	27.3	7.39	28.7	8.09	29.5	8.58	30.9	9.33
	35.0	24.8	5.58	26.7	6.50	28.1	7.14	29.5	7.81	30.4	8.29	31.8	9.02
	33.9	24.8	5.38	26.7	6.26	28.1	6.87	29.5	7.52	30.4	7.98	31.8	8.68
	32.8	24.8	5.19	26.7	6.04	28.1	6.62	29.5	7.24	30.4	7.68	31.8	8.35
	30.6	24.8	4.83	26.7	5.62	28.1	6.16	29.5	6.74	30.4	7.14	31.8	7.76
	27.8	24.8	4.42	26.7	5.14	28.1	5.63	29.5	6.16	30.4	6.52	31.8	7.09
	23.9	24.8	3.92	26.7	4.55	28.1	4.99	29.5	5.45	30.4	5.77	31.8	6.27
	22.2	24.8	3.72	26.7	4.32	28.1	4.73	29.5	5.16	30.4	5.47	31.8	5.94
	21.1	24.8	3.60	26.7	4.17	28.1	4.57	29.5	4.99	30.4	5.29	31.8	5.74
	20.0	24.8	3.48	26.7	4.03	28.1	4.41	29.5	4.82	30.4	5.10	31.8	5.54
	18.3	24.8	3.39	26.7	3.93	28.1	4.30	29.5	4.69	30.4	4.97	31.8	5.39
	16.7	24.8	3.31	26.7	3.84	28.1	4.20	29.5	4.59	30.4	4.86	31.8	5.27
	14.4	24.8	3.22	26.7	3.74	28.1	4.09	29.5	4.46	30.4	4.73	31.8	5.13
	12.2	24.8	3.15	26.7	3.65	28.1	4.00	29.5	4.36	30.4	4.62	31.8	5.01
	10.0	24.8	3.08	26.7	3.57	28.1	3.90	29.5	4.26	30.4	4.51	31.8	4.89
	4.4	24.8	2.99	26.7	3.47	28.1	3.79	29.5	4.14	30.4	4.38	31.8	4.75
	-1.1	24.8	2.92	26.7	3.38	28.1	3.70	29.5	4.04	30.4	4.27	31.8	4.64
	-5.0	24.8	2.88	26.7	3.33	28.1	3.64	29.5	3.97	30.4	4.20	31.8	4.56
	-9.4	24.8	2.82	26.7	3.27	28.1	3.57	29.5	3.90	30.4	4.13	31.8	4.48
	-15.0	24.8	2.77	26.7	3.21	28.1	3.51	29.5	3.83	30.4	4.05	31.8	4.40
70	51.7	11.6	4.05	12.5	4.67	13.2	5.10	13.9	5.55	14.3	5.86	14.9	6.35
	50.0	12.9	4.27	14.0	4.93	14.7	5.39	15.4	5.88	15.9	6.22	16.6	6.74
	47.8	14.9	4.63	16.1	5.37	16.9	5.87	17.7	6.41	18.3	6.79	19.1	7.37
	46.1	16.6	4.96	17.9	5.76	18.8	6.25	19.8	6.90	20.3	7.31	21.3	7.95
	43.3	19.0	5.33	20.5	6.20	21.6	6.81	22.7	7.45	23.3	7.90	24.4	8.60
	41.1	19.8	5.16	21.3	6.01	22.5	6.60	23.6	7.22	24.3	7.66	25.4	8.33
	39.4	20.3	5.04	22.0	5.87	23.1	6.44	24.3	7.05	25.0	7.47	26.1	8.13
	37.2	21.0	4.87	22.7	5.67	23.9	6.23	25.1	6.81	25.8	7.23	27.0	7.86
	35.0	21.7	4.71	23.4	5.48	24.6	6.02	25.8	6.58	26.6	6.98	27.8	7.60
	33.9	21.7	4.53	23.4	5.28	24.6	5.79	25.8	6.34	26.6	6.72	27.8	7.31
	32.8	21.7	4.37	23.4	5.09	24.6	5.58	25.8	6.11	26.6	6.48	27.8	7.04
	30.6	21.7	4.07	23.4	4.73	24.6	5.19	25.8	5.68	26.6	6.02	27.8	6.54
	27.8	21.7	3.73	23.4	4.33	24.6	4.75	25.8	5.19	26.6	5.50	27.8	5.98
	23.9	21.7	3.31	23.4	3.84	24.6	4.20	25.8	4.59	26.6	4.86	27.8	5.28
	22.2	21.7	3.14	23.4	3.64	24.6	3.99	25.8	4.35	26.6	4.61	27.8	5.01
	21.1	21.7	3.03	23.4	3.52	24.6	3.85	25.8	4.21	26.6	4.45	27.8	4.84
	20.0	21.7	2.93	23.4	3.40	24.6	3.72	25.8	4.06	26.6	4.30	27.8	4.67
	18.3	21.7	2.85	23.4	3.31	24.6	3.62	25.8	3.96	26.6	4.19	27.8	4.55
	16.7	21.7	2.79	23.4	3.24	24.6	3.54	25.8	3.87	26.6	4.10	27.8	4.44
	14.4	21.7	2.72	23.4	3.15	24.6	3.45	25.8	3.76	26.6	3.98	27.8	4.32
	12.2	21.7	2.66	23.4	3.08	24.6	3.37	25.8	3.68	26.6	3.89	27.8	4.22
	10.0	21.7	2.60	23.4	3.01	24.6	3.29	25.8	3.59	26.6	3.80	27.8	4.12
	4.4	21.7	2.52	23.4	2.92	24.6	3.20	25.8	3.49	26.6	3.69	27.8	4.00
	-1.1	21.7	2.46	23.4	2.85	24.6	3.12	25.8	3.40	26.6	3.60	27.8	3.91
	-5.0	21.7	2.42	23.4	2.81	24.6	3.07	25.8	3.35	26.6	3.54	27.8	3.84
	-9.4	21.7	2.38	23.4	2.75	24.6	3.01	25.8	3.29	26.6	3.48	27.8	3.77
	-15.0	21.7	2.34	23.4	2.71	24.6	2.96	25.8	3.23	26.6	3.42	27.8	3.70

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,

COOLING (°C)

MMY-MUP1441FT6P-UL/MMY-MUP1441FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	19.9	8.60	21.5	9.77	22.6	10.56	23.8	11.40	24.4	11.98	25.6	12.87
	50.0	22.2	8.99	23.9	10.22	25.2	11.07	26.5	11.96	27.2	12.58	28.5	13.52
	47.8	25.5	9.61	27.5	10.96	29.0	11.89	30.4	12.86	31.3	13.54	32.7	14.58
	46.1	28.4	10.18	30.6	11.63	32.3	12.53	33.9	13.68	34.8	14.42	36.4	15.54
	43.3	32.5	10.78	35.1	12.35	37.0	13.43	38.8	14.57	39.9	15.37	41.8	16.58
	41.1	33.9	10.45	36.6	11.97	38.5	13.02	40.4	14.12	41.6	14.89	43.5	16.07
	39.4	34.9	10.19	37.6	11.68	39.6	12.70	41.6	13.78	42.8	14.53	44.8	15.68
	37.2	36.0	9.86	38.9	11.30	41.0	12.29	43.0	13.33	44.2	14.05	46.3	15.16
	35.0	37.1	9.52	40.1	10.91	42.2	11.87	44.3	12.88	45.6	13.58	47.7	14.65
	33.9	37.1	9.20	40.1	10.54	42.2	11.46	44.3	12.42	45.6	13.10	47.7	14.13
	32.8	37.1	8.89	40.1	10.18	42.2	11.06	44.3	12.00	45.6	12.65	47.7	13.64
	30.6	37.1	8.31	40.1	9.51	42.2	10.33	44.3	11.20	45.6	11.80	47.7	12.73
	27.8	37.1	7.64	40.1	8.74	42.2	9.49	44.3	10.28	45.6	10.83	47.7	11.68
	23.9	37.1	6.81	40.1	7.78	42.2	8.45	44.3	9.14	45.6	9.63	47.7	10.37
	22.2	37.1	6.48	40.1	7.40	42.2	8.03	44.3	8.69	45.6	9.15	47.7	9.85
	21.1	37.1	6.27	40.1	7.15	42.2	7.76	44.3	8.40	45.6	8.85	47.7	9.53
	20.0	37.1	6.06	40.1	6.92	42.2	7.51	44.3	8.12	45.6	8.56	47.7	9.21
	18.3	37.1	5.92	40.1	6.75	42.2	7.32	44.3	7.92	45.6	8.34	47.7	8.98
	16.7	37.1	5.79	40.1	6.61	42.2	7.17	44.3	7.76	45.6	8.17	47.7	8.79
	14.4	37.1	5.65	40.1	6.44	42.2	6.98	44.3	7.56	45.6	7.95	47.7	8.56
	12.2	37.1	5.53	40.1	6.30	42.2	6.84	44.3	7.39	45.6	7.78	47.7	8.38
	10.0	37.1	5.41	40.1	6.16	42.2	6.68	44.3	7.22	45.6	7.60	47.7	8.18
	4.4	37.1	5.27	40.1	6.00	42.2	6.51	44.3	7.03	45.6	7.40	47.7	7.97
	-1.1	37.1	5.15	40.1	5.86	42.2	6.36	44.3	6.87	45.6	7.23	47.7	7.78
	-5.0	37.1	5.07	40.1	5.77	42.2	6.25	44.3	6.76	45.6	7.11	47.7	7.65
	-9.4	37.1	4.97	40.1	5.67	42.2	6.14	44.3	6.64	45.6	6.99	47.7	7.52
	-15.0	37.1	4.89	40.1	5.57	42.2	6.03	44.3	6.52	45.6	6.86	47.7	7.38
110	51.7	20.3	8.69	21.9	9.87	23.1	10.67	24.2	11.52	24.9	12.11	26.1	13.00
	50.0	22.6	9.08	24.4	10.33	25.7	11.18	27.0	12.08	27.8	12.71	29.0	13.66
	47.8	26.0	9.71	28.1	11.07	29.6	12.01	31.0	12.99	31.9	13.68	33.4	14.73
	46.1	28.9	10.28	31.3	11.75	32.9	12.66	34.5	13.82	35.5	14.56	37.2	15.69
	43.3	33.2	10.89	35.8	12.48	37.7	13.57	39.6	14.72	40.7	15.52	42.6	16.75
	41.1	34.6	10.55	37.3	12.10	39.3	13.15	41.3	14.27	42.4	15.05	44.4	16.24
	39.4	35.6	10.30	38.4	11.80	40.4	12.83	42.4	13.92	43.6	14.68	45.7	15.84
	37.2	36.8	9.96	39.7	11.41	41.8	12.41	43.9	13.46	45.1	14.20	47.2	15.32
	35.0	37.9	9.62	40.9	11.03	43.0	11.99	45.2	13.01	46.5	13.72	48.6	14.80
	33.9	37.9	9.29	40.9	10.64	43.0	11.57	45.2	12.55	46.5	13.23	48.6	14.28
	32.8	37.9	8.98	40.9	10.28	43.0	11.18	45.2	12.12	46.5	12.78	48.6	13.78
	30.6	37.9	8.40	40.9	9.61	43.0	10.44	45.2	11.31	46.5	11.92	48.6	12.86
	27.8	37.9	7.72	40.9	8.83	43.0	9.59	45.2	10.39	46.5	10.94	48.6	11.79
	23.9	37.9	6.88	40.9	7.86	43.0	8.53	45.2	9.24	46.5	9.73	48.6	10.48
	22.2	37.9	6.54	40.9	7.47	43.0	8.11	45.2	8.78	46.5	9.24	48.6	9.95
	21.1	37.9	6.33	40.9	7.23	43.0	7.84	45.2	8.49	46.5	8.94	48.6	9.63
	20.0	37.9	6.12	40.9	6.99	43.0	7.58	45.2	8.21	46.5	8.64	48.6	9.31
	18.3	37.9	5.98	40.9	6.82	43.0	7.40	45.2	8.00	46.5	8.43	48.6	9.07
	16.7	37.9	5.85	40.9	6.68	43.0	7.24	45.2	7.84	46.5	8.25	48.6	8.88
	14.4	37.9	5.71	40.9	6.51	43.0	7.06	45.2	7.63	46.5	8.04	48.6	8.65
	12.2	37.9	5.59	40.9	6.37	43.0	6.90	45.2	7.47	46.5	7.86	48.6	8.46
	10.0	37.9	5.46	40.9	6.22	43.0	6.75	45.2	7.30	46.5	7.68	48.6	8.27
	4.4	37.9	5.32	40.9	6.06	43.0	6.57	45.2	7.11	46.5	7.48	48.6	8.05
	-1.1	37.9	5.20	40.9	5.92	43.0	6.42	45.2	6.94	46.5	7.31	48.6	7.86
	-5.0	37.9	5.12	40.9	5.83	43.0	6.32	45.2	6.83	46.5	7.19	48.6	7.73
	-9.4	37.9	5.03	40.9	5.72	43.0	6.20	45.2	6.71	46.5	7.06	48.6	7.59
	-15.0	37.9	4.94	40.9	5.62	43.0	6.09	45.2	6.59	46.5	6.93	48.6	7.46
120	51.7	20.9	8.86	22.6	10.06	23.8	10.88	24.9	11.74	25.6	12.34	26.8	13.26
	50.0	23.3	9.26	25.1	10.53	26.5	11.40	27.8	12.32	28.6	12.96	29.9	13.93
	47.8	26.8	9.90	28.9	11.29	30.4	12.25	31.9	13.25	32.9	13.95	34.4	15.01
	46.1	29.8	10.48	32.2	11.98	33.9	12.91	35.6	14.10	36.6	14.85	38.3	16.00
	43.3	34.2	11.10	36.9	12.72	38.8	13.84	40.8	15.01	41.9	15.83	43.9	17.08
	41.1	35.6	10.76	38.4	12.33	40.4	13.41	42.5	14.55	43.7	15.34	45.7	16.55
	39.4	36.6	10.50	39.5	12.03	41.6	13.08	43.7	14.19	44.9	14.97	47.0	16.15
	37.2	37.8	10.15	40.9	11.64	43.0	12.66	45.2	13.73	46.4	14.48	48.6	15.62
	35.0	39.0	9.81	42.1	11.24	44.3	12.23	46.5	13.26	47.9	13.99	50.1	15.09
	33.9	39.0	9.47	42.1	10.85	44.3	11.80	46.5	12.80	47.9	13.49	50.1	14.56
	32.8	39.0	9.16	42.1	10.48	44.3	11.40	46.5	12.36	47.9	13.03	50.1	14.05
	30.6	39.0	8.56	42.1	9.80	44.3	10.64	46.5	11.54	47.9	12.16	50.1	13.11
	27.8	39.0	7.87	42.1	9.00	44.3	9.78	46.5	10.59	47.9	11.16	50.1	12.03
	23.9	39.0	7.02	42.1	8.01	44.3	8.70	46.5	9.42	47.9	9.92	50.1	10.69
	22.2	39.0	6.67	42.1	7.62	44.3	8.27	46.5	8.95	47.9	9.42	50.1	10.15
	21.1	39.0	6.46	42.1	7.37	44.3	8.00	46.5	8.66	47.9	9.11	50.1	9.81
	20.0	39.0	6.25	42.1	7.13	44.3	7.73	46.5	8.37	47.9	8.81	50.1	9.49
	18.3	39.0	6.09	42.1	6.95	44.3	7.54	46.5	8.16	47.9	8.59	50.1	9.25
	16.7	39.0	5.97	42.1	6.81	44.3	7.38	46.5	7.99	47.9	8.41	50.1	9.05
	14.4	39.0	5.82	42.1	6.63	44.3	7.19	46.5	7.78	47.9	8.19	50.1	8.82
	12.2	39.0	5.70	42.1	6.49	44.3	7.04	46.5	7.62	47.9	8.02	50.1	8.63
	10.0	39.0	5.57	42.1	6.35	44.3	6.88	46.5	7.44	47.9	7.83	50.1	8.43
	4.4	39.0	5.43	42.1	6.18	44.3	6.70	46.5	7.25	47.9	7.63	50.1	8.20
	-1.1	39.0	5.30	42.1	6.04	44.3	6.55	46.5	7.08	47.9	7.45	50.1	8.01
	-5.0	39.0	5.22	42.1	5.94	44.3	6.44	46.5	6.96	47.9	7.33	50.1	7.88
	-9.4	39.0	5.12	42.1	5.84	44.3	6.33	46.5	6.84	47.9	7.20	50.1	7.74
	-15.0	39.0	5.03	42.1	5.73	44.3	6.21	46.5	6.72	47.9	7.07	50.1	7.60
130	51.7	21.4	8.99	23.1	10.20	24.3	11.04	25.5	11.91	26.3	12.52	27.2	13.32
	50.0	23.8	9.39	25.7	10.68	27.1	11.57	28.4	12.50	29.2	13.14	30.3	14.00
	47.8	27.4	10.04	29.6	11.45	31.2	12.42	32.7	13.44	33.6	14.15	34.9	15.09
	46.1	30.5	10.63	32.9	12.15	34.7	13.09	36.4	14.30	37.4	15.06	38.8	16.08
	43.3	35.0	11.26	37.8	12.90	39.8	14.03	41.8	15.22	42.9	16.05	44.5	17.16
	41.1	36.4	10.91	39.3	12.51	41.4	13.60	43.5	14.76	44.7	15.56	46.4	16.63
	39.4	37.5	10.65	40.5	12.20	42.6	13.27	44.7	14.39	46.0	15.18	47.7	16.23
	37.2	38.7	10.30	41.8	11.80	44.0	12.84	46.2	13.92	47.6	14.68	49.3	15.69
	35.0	39.9	9.95	43.1	11.40	45.4	12.40	47.6	13.45	49.0	14.18	50.8	15.16
	33.9	39.9	9.61	43.1	11.01	45.4	11.97	47.6	12.98	49.0	13.68	50.8	14.63
	32.8	39.9	9.29	43.1	10.63	45.4	11.56	47.6	12.53	49.0	13.21	50.8	14.12
	30.6	39.9	8.68	43.1	9.94	45.4	10.79	47.6	11.70	49.0	12.33	50.8	13.17
	27.8	39.9	7.99	43.1	9.13	45.4	9.92	47.6	10.74	49.0	11.32	50.8	12.08
	23.9	39.9	7.12	43.1	8.13	45.4	8.82	47.6	9.55	49.0	10.06	50.8	10.74
	22.2	39.9	6.77	43.1	7.73	45.4	8.38	47.6	9.08	49.0	9.56	50.8	10.20
	21.1	39.9	6.55	43.1	7.47	45.4	8.11	47.6	8.78	49.0	9.24	50.8	9.86
	20.0	39.9	6.33	43.1	7.23	45.4	7.84	47.6	8.49	49.0	8.94	50.8	9.53
	18.3	39.9	6.18	43.1	7.05	45.4	7.65	47.6	8.28	49.0	8.71	50.8	9.29
	16.7	39.9	6.05	43.1	6.90	45.4	7.49	47.6	8.10	49.0	8.53	50.8	9.10
	14.4	39.9	5.90	43.1	6.73	45.4	7.30	47.6	7.89	49.0	8.31	50.8	8.86
	12.2	39.9	5.78	43.1	6.59	45.4	7.14	47.6	7.72	49.0	8.13	50.8	8.67
	10.0	39.9	5.65	43.1	6.44	45.4	6.98	47.6	7.55	49.0	7.94	50.8	8.47
	4.4	39.9	5.50	43.1	6.27	45.4	6.80	47.6	7.35	49.0	7.73	50.8	8.24
	-1.1	39.9	5.38	43.1	6.13	45.4	6.64	47.6	7.18	49.0	7.55	50.8	8.05
	-5.0	39.9	5.29	43.1	6.03	45.4	6.53	47.6	7.06	49.0	7.43	50.8	7.92
	-9.4	39.9	5.20	43.1	5.92	45.4	6.42	47.6	6.94	49.0	7.30	50.8	7.78
	-15.0	39.9	5.10	43.1	5.81	45.4	6.30	47.6	6.81	49.0	7.17	50.8	7.64

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	17.9	7.44	19.3	8.44	20.4	9.13	21.4	9.86	22.0	10.36	23.0	11.12
	50.0	20.0	7.77	21.5	8.84	22.7	9.57	23.8	10.34	24.5	10.87	25.6	11.69
	47.8	22.9	8.31	24.8	9.47	26.1	10.28	27.4	11.12	28.2	11.70	29.5	12.60
	46.1	25.5	8.80	27.6	10.05	29.0	10.83	30.5	11.83	31.3	12.46	32.8	13.43
	43.3	29.3	9.32	31.6	10.68	33.3	11.61	35.0	12.59	36.0	13.28	37.6	14.33
	41.1	30.5	9.03	32.9	10.35	34.7	11.25	36.4	12.21	37.4	12.87	39.2	13.89
	39.4	31.4	8.81	33.9	10.10	35.7	10.98	37.4	11.91	38.5	12.56	40.3	13.55
	37.2	32.4	8.52	35.0	9.77	36.9	10.62	38.7	11.52	39.8	12.15	41.7	13.11
	35.0	33.4	8.23	36.1	9.43	38.0	10.26	39.9	11.13	41.0	11.74	42.9	12.66
	33.9	33.4	7.95	36.1	9.11	38.0	9.90	39.9	10.74	41.0	11.32	42.9	12.21
	32.8	33.4	7.68	36.1	8.80	38.0	9.56	39.9	10.37	41.0	10.93	42.9	11.79
	30.6	33.4	7.18	36.1	8.22	38.0	8.93	39.9	9.68	41.0	10.20	42.9	11.00
	27.8	33.4	6.61	36.1	7.55	38.0	8.20	39.9	8.89	41.0	9.36	42.9	10.09
	23.9	33.4	5.89	36.1	6.73	38.0	7.30	39.9	7.90	41.0	8.32	42.9	8.97
	22.2	33.4	5.60	36.1	6.39	38.0	6.94	39.9	7.51	41.0	7.91	42.9	8.52
	21.1	33.4	5.42	36.1	6.18	38.0	6.71	39.9	7.26	41.0	7.65	42.9	8.24
	20.0	33.4	5.24	36.1	5.98	38.0	6.49	39.9	7.02	41.0	7.39	42.9	7.96
	18.3	33.4	5.11	36.1	5.83	38.0	6.33	39.9	6.85	41.0	7.21	42.9	7.76
	16.7	33.4	5.01	36.1	5.71	38.0	6.20	39.9	6.70	41.0	7.06	42.9	7.60
	14.4	33.4	4.88	36.1	5.57	38.0	6.04	39.9	6.53	41.0	6.87	42.9	7.40
	12.2	33.4	4.78	36.1	5.45	38.0	5.91	39.9	6.39	41.0	6.73	42.9	7.24
	10.0	33.4	4.67	36.1	5.33	38.0	5.77	39.9	6.24	41.0	6.57	42.9	7.07
	4.4	33.4	4.55	36.1	5.19	38.0	5.62	39.9	6.08	41.0	6.40	42.9	6.88
	-1.1	33.4	4.45	36.1	5.07	38.0	5.49	39.9	5.94	41.0	6.25	42.9	6.72
	-5.0	33.4	4.38	36.1	4.99	38.0	5.41	39.9	5.84	41.0	6.15	42.9	6.62
	-9.4	33.4	4.30	36.1	4.90	38.0	5.31	39.9	5.74	41.0	6.04	42.9	6.50
	-15.0	33.4	4.22	36.1	4.81	38.0	5.21	39.9	5.64	41.0	5.93	42.9	6.38
80	51.7	15.9	6.36	17.2	7.22	18.1	7.81	19.0	8.43	19.5	8.86	20.4	9.51
	50.0	17.7	6.64	19.1	7.56	20.2	8.18	21.2	8.84	21.8	9.30	22.8	9.99
	47.8	20.4	7.10	22.0	8.10	23.2	8.79	24.3	9.51	25.0	10.01	26.2	10.77
	46.1	22.7	7.52	24.5	8.60	25.8	9.26	27.1	10.11	27.9	10.65	29.2	11.48
	43.3	26.0	7.96	28.1	9.13	29.6	9.93	31.1	10.77	32.0	11.35	33.4	12.25
	41.1	27.1	7.72	29.3	8.85	30.8	9.62	32.4	10.44	33.3	11.01	34.8	11.88
	39.4	27.9	7.53	30.1	8.63	31.7	9.39	33.3	10.18	34.2	10.74	35.8	11.59
	37.2	28.8	7.28	31.1	8.35	32.8	9.08	34.4	9.85	35.4	10.39	37.0	11.21
	35.0	29.7	7.04	32.1	8.07	33.8	8.77	35.5	9.52	36.5	10.03	38.1	10.83
	33.9	29.7	6.80	32.1	7.79	33.8	8.47	35.5	9.18	36.5	9.68	38.1	10.44
	32.8	29.7	6.57	32.1	7.52	33.8	8.18	35.5	8.86	36.5	9.34	38.1	10.08
	30.6	29.7	6.14	32.1	7.03	33.8	7.64	35.5	8.28	36.5	8.72	38.1	9.40
	27.8	29.7	5.65	32.1	6.46	33.8	7.01	35.5	7.60	36.5	8.01	38.1	8.63
	23.9	29.7	5.03	32.1	5.75	33.8	6.24	35.5	6.76	36.5	7.12	38.1	7.67
	22.2	29.7	4.79	32.1	5.46	33.8	5.93	35.5	6.42	36.5	6.76	38.1	7.28
	21.1	29.7	4.63	32.1	5.29	33.8	5.74	35.5	6.21	36.5	6.54	38.1	7.04
	20.0	29.7	4.48	32.1	5.11	33.8	5.55	35.5	6.00	36.5	6.32	38.1	6.81
	18.3	29.7	4.37	32.1	4.99	33.8	5.41	35.5	5.85	36.5	6.16	38.1	6.64
	16.7	29.7	4.28	32.1	4.88	33.8	5.30	35.5	5.73	36.5	6.03	38.1	6.50
	14.4	29.7	4.17	32.1	4.76	33.8	5.16	35.5	5.58	36.5	5.88	38.1	6.33
	12.2	29.7	4.09	32.1	4.66	33.8	5.05	35.5	5.46	36.5	5.75	38.1	6.19
	10.0	29.7	3.99	32.1	4.55	33.8	4.94	35.5	5.34	36.5	5.62	38.1	6.05
	4.4	29.7	3.89	32.1	4.44	33.8	4.81	35.5	5.20	36.5	5.47	38.1	5.89
	-1.1	29.7	3.80	32.1	4.33	33.8	4.70	35.5	5.08	36.5	5.34	38.1	5.75
	-5.0	29.7	3.74	32.1	4.26	33.8	4.62	35.5	5.00	36.5	5.26	38.1	5.66
	-9.4	29.7	3.68	32.1	4.19	33.8	4.54	35.5	4.91	36.5	5.16	38.1	5.55
	-15.0	29.7	3.61	32.1	4.11	33.8	4.46	35.5	4.82	36.5	5.07	38.1	5.45
70	51.7	13.9	5.36	15.0	6.08	15.8	6.58	16.6	7.10	17.1	7.46	17.9	8.02
	50.0	15.5	5.60	16.8	6.37	17.6	6.90	18.5	7.45	19.0	7.84	19.9	8.42
	47.8	17.8	5.99	19.3	6.83	20.3	7.40	21.3	8.01	21.9	8.43	22.9	9.08
	46.1	19.9	6.34	21.4	7.25	22.6	7.81	23.7	8.52	24.4	8.98	25.5	9.68
	43.3	22.8	6.71	24.6	7.69	25.9	8.37	27.2	9.08	28.0	9.57	29.3	10.33
	41.1	23.7	6.51	25.6	7.46	27.0	8.11	28.3	8.80	29.1	9.28	30.5	10.01
	39.4	24.4	6.35	26.4	7.28	27.7	7.91	29.1	8.58	30.0	9.05	31.3	9.76
	37.2	25.2	6.14	27.2	7.04	28.7	7.65	30.1	8.30	31.0	8.75	32.4	9.45
	35.0	26.0	5.93	28.1	6.80	29.5	7.39	31.0	8.02	31.9	8.46	33.4	9.13
	33.9	26.0	5.73	28.1	6.56	29.5	7.14	31.0	7.74	31.9	8.16	33.4	8.80
	32.8	26.0	5.54	28.1	6.34	29.5	6.89	31.0	7.47	31.9	7.88	33.4	8.50
	30.6	26.0	5.18	28.1	5.92	29.5	6.44	31.0	6.98	31.9	7.35	33.4	7.93
	27.8	26.0	4.76	28.1	5.44	29.5	5.91	31.0	6.40	31.9	6.75	33.4	7.27
	23.9	26.0	4.24	28.1	4.85	29.5	5.26	31.0	5.70	31.9	6.00	33.4	6.46
	22.2	26.0	4.03	28.1	4.61	29.5	5.00	31.0	5.41	31.9	5.70	33.4	6.14
	21.1	26.0	3.90	28.1	4.46	29.5	4.83	31.0	5.23	31.9	5.51	33.4	5.93
	20.0	26.0	3.78	28.1	4.31	29.5	4.68	31.0	5.06	31.9	5.33	33.4	5.74
	18.3	26.0	3.68	28.1	4.20	29.5	4.56	31.0	4.93	31.9	5.20	33.4	5.59
	16.7	26.0	3.61	28.1	4.12	29.5	4.46	31.0	4.83	31.9	5.09	33.4	5.48
	14.4	26.0	3.52	28.1	4.01	29.5	4.35	31.0	4.71	31.9	4.95	33.4	5.33
	12.2	26.0	3.44	28.1	3.93	29.5	4.26	31.0	4.61	31.9	4.85	33.4	5.22
	10.0	26.0	3.37	28.1	3.84	29.5	4.16	31.0	4.50	31.9	4.74	33.4	5.10
	4.4	26.0	3.28	28.1	3.74	29.5	4.05	31.0	4.38	31.9	4.61	33.4	4.96
	-1.1	26.0	3.21	28.1	3.65	29.5	3.96	31.0	4.28	31.9	4.50	33.4	4.85
	-5.0	26.0	3.16	28.1	3.59	29.5	3.90	31.0	4.21	31.9	4.43	33.4	4.77
	-9.4	26.0	3.10	28.1	3.53	29.5	3.83	31.0	4.14	31.9	4.35	33.4	4.68
	-15.0	26.0	3.04	28.1	3.47	29.5	3.76	31.0	4.06	31.9	4.27	33.4	4.60

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary

COOLING (°C)

MMY-MUP1681FT6P-UL/MMY-MUP1681FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	23.2	11.08	25.1	12.49	26.4	13.46	27.7	14.48	28.5	15.17	29.8	16.24
	50.0	25.9	11.53	27.9	13.03	29.4	14.05	30.9	15.12	31.7	15.86	33.2	16.98
	47.8	29.7	12.25	32.1	13.88	33.8	14.99	35.5	16.15	36.5	16.95	38.2	18.18
	46.1	33.1	12.91	35.7	14.65	37.6	15.74	39.5	17.08	40.6	17.94	42.5	19.26
	43.3	38.0	13.59	41.0	15.45	43.2	16.73	45.3	18.07	46.6	18.99	48.8	20.40
	41.1	39.5	13.17	42.7	14.98	44.9	16.22	47.2	17.51	48.5	18.41	50.8	19.78
	39.4	40.7	12.85	43.9	14.61	46.2	15.82	48.5	17.08	49.9	17.96	52.2	19.29
	37.2	42.0	12.43	45.4	14.13	47.8	15.30	50.2	16.52	51.6	17.37	54.0	18.66
	35.0	43.3	12.00	46.8	13.65	49.2	14.78	51.7	15.96	53.2	16.78	55.6	18.03
	33.9	43.3	11.61	46.8	13.20	49.2	14.28	51.7	15.42	53.2	16.21	55.6	17.41
	32.8	43.3	11.23	46.8	12.76	49.2	13.81	51.7	14.91	53.2	15.67	55.6	16.82
	30.6	43.3	10.52	46.8	11.95	49.2	12.92	51.7	13.94	53.2	14.65	55.6	15.73
	27.8	43.3	9.69	46.8	11.00	49.2	11.90	51.7	12.83	53.2	13.48	55.6	14.47
	23.9	43.3	8.66	46.8	9.82	49.2	10.61	51.7	11.44	53.2	12.01	55.6	12.89
	22.2	43.3	8.24	46.8	9.34	49.2	10.09	51.7	10.88	53.2	11.42	55.6	12.25
	21.1	43.3	7.98	46.8	9.04	49.2	9.77	51.7	10.53	53.2	11.05	55.6	11.86
	20.0	43.3	7.72	46.8	8.75	49.2	9.45	51.7	10.19	53.2	10.69	55.6	11.47
	18.3	43.3	7.54	46.8	8.54	49.2	9.22	51.7	9.94	53.2	10.43	55.6	11.19
	16.7	43.3	7.39	46.8	8.37	49.2	9.04	51.7	9.74	53.2	10.22	55.6	10.96
	14.4	43.3	7.20	46.8	8.16	49.2	8.81	51.7	9.49	53.2	9.96	55.6	10.68
	12.2	43.3	7.06	46.8	7.99	49.2	8.63	51.7	9.29	53.2	9.75	55.6	10.46
	10.0	43.3	6.90	46.8	7.81	49.2	8.43	51.7	9.09	53.2	9.54	55.6	10.22
	4.4	43.3	6.73	46.8	7.62	49.2	8.22	51.7	8.86	53.2	9.29	55.6	9.96
	-1.1	43.3	6.58	46.8	7.45	49.2	8.04	51.7	8.66	53.2	9.08	55.6	9.73
	-5.0	43.3	6.48	46.8	7.33	49.2	7.91	51.7	8.52	53.2	8.94	55.6	9.58
	-9.4	43.3	6.36	46.8	7.20	49.2	7.77	51.7	8.36	53.2	8.78	55.6	9.40
	-15.0	43.3	6.25	46.8	7.07	49.2	7.63	51.7	8.22	53.2	8.62	55.6	9.24
110	51.7	23.7	11.19	25.6	12.62	26.9	13.60	28.3	14.62	29.1	15.33	30.4	16.40
	50.0	26.4	11.65	28.5	13.16	30.0	14.19	31.5	15.27	32.4	16.02	33.9	17.16
	47.8	30.3	12.38	32.8	14.02	34.5	15.14	36.2	16.31	37.2	17.13	39.0	18.36
	46.1	33.8	13.04	36.5	14.80	38.4	15.90	40.3	17.26	41.4	18.13	43.4	19.45
	43.3	38.7	13.73	41.8	15.61	44.0	16.90	46.2	18.25	47.5	19.18	49.7	20.61
	41.1	40.3	13.30	43.5	15.13	45.8	16.38	48.1	17.69	49.5	18.60	51.8	19.98
	39.4	41.5	12.98	44.8	14.76	47.2	15.98	49.5	17.26	50.9	18.14	53.3	19.49
	37.2	42.9	12.55	46.3	14.28	48.7	15.46	51.2	16.69	52.6	17.55	55.1	18.85
	35.0	44.2	12.13	47.7	13.79	50.2	14.93	52.7	16.13	54.2	16.95	56.7	18.21
	33.9	44.2	11.73	47.7	13.33	50.2	14.43	52.7	15.58	54.2	16.37	56.7	17.59
	32.8	44.2	11.34	47.7	12.89	50.2	13.95	52.7	15.06	54.2	15.83	56.7	17.00
	30.6	44.2	10.63	47.7	12.07	50.2	13.05	52.7	14.09	54.2	14.80	56.7	15.89
	27.8	44.2	9.79	47.7	11.11	50.2	12.02	52.7	12.96	54.2	13.62	56.7	14.61
	23.9	44.2	8.75	47.7	9.92	50.2	10.72	52.7	11.56	54.2	12.14	56.7	13.02
	22.2	44.2	8.32	47.7	9.44	50.2	10.20	52.7	10.99	54.2	11.54	56.7	12.38
	21.1	44.2	8.06	47.7	9.13	50.2	9.87	52.7	10.64	54.2	11.17	56.7	11.98
	20.0	44.2	7.80	47.7	8.84	50.2	9.55	52.7	10.29	54.2	10.80	56.7	11.59
	18.3	44.2	7.61	47.7	8.63	50.2	9.32	52.7	10.04	54.2	10.54	56.7	11.30
	16.7	44.2	7.46	47.7	8.45	50.2	9.13	52.7	9.84	54.2	10.32	56.7	11.07
	14.4	44.2	7.28	47.7	8.24	50.2	8.90	52.7	9.59	54.2	10.06	56.7	10.79
	12.2	44.2	7.13	47.7	8.07	50.2	8.71	52.7	9.39	54.2	9.85	56.7	10.56
	10.0	44.2	6.97	47.7	7.89	50.2	8.52	52.7	9.18	54.2	9.63	56.7	10.33
	4.4	44.2	6.80	47.7	7.69	50.2	8.31	52.7	8.95	54.2	9.39	56.7	10.06
	-1.1	44.2	6.65	47.7	7.52	50.2	8.12	52.7	8.74	54.2	9.17	56.7	9.83
	-5.0	44.2	6.54	47.7	7.40	50.2	7.99	52.7	8.60	54.2	9.03	56.7	9.67
	-9.4	44.2	6.43	47.7	7.27	50.2	7.85	52.7	8.45	54.2	8.87	56.7	9.50
	-15.0	44.2	6.31	47.7	7.14	50.2	7.71	52.7	8.30	54.2	8.71	56.7	9.33
120	51.7	24.4	11.41	26.3	12.87	27.7	13.87	29.1	14.91	29.9	15.63	31.3	16.72
	50.0	27.2	11.87	29.3	13.42	30.9	14.47	32.4	15.57	33.3	16.33	34.9	17.49
	47.8	31.2	12.62	33.7	14.29	35.5	15.44	37.3	16.64	38.3	17.46	40.1	18.72
	46.1	34.8	13.30	37.5	15.09	39.5	16.21	41.5	17.60	42.7	18.48	44.6	19.84
	43.3	39.9	14.00	43.0	15.92	45.3	17.23	47.6	18.61	48.9	19.56	51.2	21.02
	41.1	41.5	13.57	44.8	15.43	47.2	16.70	49.5	18.04	51.0	18.96	53.3	20.37
	39.4	42.7	13.23	46.1	15.05	48.5	16.29	51.0	17.60	52.4	18.50	54.8	19.87
	37.2	44.1	12.80	47.7	14.56	50.2	15.76	52.7	17.02	54.2	17.89	56.7	19.22
	35.0	45.5	12.36	49.1	14.06	51.7	15.22	54.3	16.44	55.8	17.28	58.4	18.57
	33.9	45.5	11.96	49.1	13.59	51.7	14.71	54.3	15.88	55.8	16.70	58.4	17.93
	32.8	45.5	11.57	49.1	13.14	51.7	14.22	54.3	15.35	55.8	16.14	58.4	17.33
	30.6	45.5	10.83	49.1	12.30	51.7	13.31	54.3	14.36	55.8	15.09	58.4	16.20
	27.8	45.5	9.99	49.1	11.33	51.7	12.25	54.3	13.22	55.8	13.88	58.4	14.90
	23.9	45.5	8.92	49.1	10.11	51.7	10.93	54.3	11.78	55.8	12.38	58.4	13.28
	22.2	45.5	8.49	49.1	9.62	51.7	10.40	54.3	11.21	55.8	11.77	58.4	12.62
	21.1	45.5	8.22	49.1	9.31	51.7	10.06	54.3	10.84	55.8	11.39	58.4	12.21
	20.0	45.5	7.95	49.1	9.01	51.7	9.73	54.3	10.49	55.8	11.01	58.4	11.81
	18.3	45.5	7.76	49.1	8.79	51.7	9.50	54.3	10.24	55.8	10.75	58.4	11.53
	16.7	45.5	7.61	49.1	8.62	51.7	9.31	54.3	10.03	55.8	10.53	58.4	11.29
	14.4	45.5	7.42	49.1	8.40	51.7	9.07	54.3	9.78	55.8	10.26	58.4	11.00
	12.2	45.5	7.27	49.1	8.23	51.7	8.89	54.3	9.57	55.8	10.05	58.4	10.77
	10.0	45.5	7.11	49.1	8.05	51.7	8.69	54.3	9.36	55.8	9.82	58.4	10.53
	4.4	45.5	6.93	49.1	7.85	51.7	8.47	54.3	9.12	55.8	9.57	58.4	10.26
	-1.1	45.5	6.78	49.1	7.67	51.7	8.28	54.3	8.92	55.8	9.35	58.4	10.02
	-5.0	45.5	6.67	49.1	7.55	51.7	8.15	54.3	8.77	55.8	9.20	58.4	9.86
	-9.4	45.5	6.55	49.1	7.41	51.7	8.00	54.3	8.62	55.8	9.04	58.4	9.69
	-15.0	45.5	6.44	49.1	7.28	51.7	7.86	54.3	8.46	55.8	8.88	58.4	9.51
130	51.7	25.0	11.57	27.0	13.05	28.4	14.06	29.8	15.12	30.6	15.85	31.8	16.80
	50.0	27.8	12.04	30.0	13.61	31.6	14.68	33.2	15.79	34.1	16.57	35.4	17.57
	47.8	32.0	12.80	34.5	14.50	36.3	15.66	38.2	16.87	39.2	17.71	40.7	18.81
	46.1	35.6	13.49	38.4	15.30	40.5	16.44	42.5	17.85	43.7	18.75	45.3	19.93
	43.3	40.8	14.19	44.1	16.14	46.4	17.48	48.7	18.87	50.1	19.84	51.9	21.12
	41.1	42.5	13.76	45.9	15.65	48.3	16.94	50.7	18.29	52.2	19.23	54.1	20.47
	39.4	43.7	13.42	47.2	15.26	49.7	16.52	52.2	17.85	53.7	18.76	55.6	19.97
	37.2	45.2	12.98	48.8	14.76	51.4	15.98	53.9	17.26	55.5	18.15	57.5	19.31
	35.0	46.6	12.54	50.3	14.26	52.9	15.44	55.6	16.67	57.2	17.53	59.2	18.66
	33.9	46.6	12.12	50.3	13.78	52.9	14.92	55.6	16.11	57.2	16.93	59.2	18.02
	32.8	46.6	11.73	50.3	13.33	52.9	14.42	55.6	15.57	57.2	16.36	59.2	17.41
	30.6	46.6	10.99	50.3	12.48	52.9	13.50	55.6	14.57	57.2	15.31	59.2	16.28
	27.8	46.6	10.13	50.3	11.49	52.9	12.43	55.6	13.40	57.2	14.08	59.2	14.97
	23.9	46.6	9.05	50.3	10.26	52.9	11.08	55.6	11.95	57.2	12.55	59.2	13.34
	22.2	46.6	8.61	50.3	9.76	52.9	10.54	55.6	11.37	57.2	11.93	59.2	12.68
	21.1	46.6	8.33	50.3	9.44	52.9	10.20	55.6	11.00	57.2	11.55	59.2	12.27
	20.0	46.6	8.06	50.3	9.14	52.9	9.87	55.6	10.64	57.2	11.17	59.2	11.87
	18.3	46.6	7.87	50.3	8.92	52.9	9.63	55.6	10.38	57.2	10.90	59.2	11.58
	16.7	46.6	7.72	50.3	8.74	52.9	9.44	55.6	10.17	57.2	10.68	59.2	11.34
	14.4	46.6	7.53	50.3	8.52	52.9	9.20	55.6	9.92	57.2	10.41	59.2	11.05
	12.2	46.6	7.37	50.3	8.35	52.9	9.01	55.6	9.71	57.2	10.19	59.2	10.82
	10.0	46.6	7.21	50.3	8.16	52.9	8.81	55.6	9.49	57.2	9.96	59.2	10.58
	4.4	46.6	7.03	50.3	7.96	52.9	8.59	55.6	9.25	57.2	9.71	59.2	10.31
	-1.1	46.6	6.88	50.3	7.78	52.9	8.40	55.6	9.04	57.2	9.49	59.2	10.07
	-5.0	46.6	6.77	50.3	7.65	52.9	8.26	55.6	8.90	57.2	9.34	59.2	9.91
	-9.4	46.6	6.65	50.3	7.52	52.9	8.11	55.6	8.74	57.2	9.17	59.2	9.73
	-15.0	46.6	6.53	50.3	7.38	52.9	7.97	55.6	8.58	57.2	9.00	59.2	9.56

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	20.9	9.57	22.6	10.80	23.8	11.64	24.9	12.51	25.6	13.12	26.8	14.03
	50.0	23.3	9.96	25.1	11.26	26.5	12.14	27.8	13.07	28.6	13.71	29.9	14.68
	47.8	26.8	10.59	28.9	11.99	30.4	12.95	31.9	13.96	32.9	14.65	34.4	15.71
	46.1	29.8	11.16	32.2	12.66	33.9	13.60	35.6	14.76	36.6	15.51	38.3	16.64
	43.3	34.2	11.74	36.9	13.36	38.8	14.46	40.8	15.61	41.9	16.41	43.9	17.64
	41.1	35.6	11.38	38.4	12.95	40.4	14.01	42.5	15.14	43.7	15.91	45.7	17.09
	39.4	36.6	11.10	39.5	12.63	41.6	13.67	43.7	14.76	44.9	15.52	47.0	16.68
	37.2	37.8	10.74	40.9	12.22	43.0	13.22	45.2	14.28	46.4	15.01	48.6	16.13
	35.0	39.0	10.38	42.1	11.80	44.3	12.77	46.5	13.80	47.8	14.50	50.1	15.58
	33.9	39.0	10.03	42.1	11.40	44.3	12.34	46.5	13.33	47.8	14.01	50.1	15.05
	32.8	39.0	9.70	42.1	11.03	44.3	11.93	46.5	12.88	47.8	13.54	50.1	14.54
	30.6	39.0	9.09	42.1	10.32	44.3	11.17	46.5	12.05	47.8	12.66	50.1	13.60
	27.8	39.0	8.38	42.1	9.51	44.3	10.28	46.5	11.09	47.8	11.65	50.1	12.50
	23.9	39.0	7.48	42.1	8.49	44.3	9.17	46.5	9.89	47.8	10.38	50.1	11.14
	22.2	39.0	7.12	42.1	8.07	44.3	8.72	46.5	9.40	47.8	9.87	50.1	10.59
	21.1	39.0	6.89	42.1	7.81	44.3	8.44	46.5	9.10	47.8	9.55	50.1	10.25
	20.0	39.0	6.67	42.1	7.56	44.3	8.17	46.5	8.80	47.8	9.24	50.1	9.91
	18.3	39.0	6.51	42.1	7.38	44.3	7.97	46.5	8.59	47.8	9.02	50.1	9.67
	16.7	39.0	6.38	42.1	7.23	44.3	7.81	46.5	8.42	47.8	8.83	50.1	9.47
	14.4	39.0	6.23	42.1	7.05	44.3	7.61	46.5	8.20	47.8	8.61	50.1	9.23
	12.2	39.0	6.10	42.1	6.91	44.3	7.46	46.5	8.03	47.8	8.43	50.1	9.04
	10.0	39.0	5.97	42.1	6.75	44.3	7.29	46.5	7.85	47.8	8.24	50.1	8.83
	4.4	39.0	5.82	42.1	6.58	44.3	7.11	46.5	7.65	47.8	8.03	50.1	8.61
	-1.1	39.0	5.69	42.1	6.44	44.3	6.95	46.5	7.48	47.8	7.85	50.1	8.41
	-5.0	39.0	5.60	42.1	6.33	44.3	6.84	46.5	7.36	47.8	7.72	50.1	8.28
	-9.4	39.0	5.50	42.1	6.22	44.3	6.71	46.5	7.23	47.8	7.59	50.1	8.13
	-15.0	39.0	5.40	42.1	6.11	44.3	6.59	46.5	7.10	47.8	7.45	50.1	7.98
80	51.7	18.6	8.19	20.1	9.23	21.1	9.95	22.2	10.70	22.8	11.21	23.9	12.00
	50.0	20.7	8.52	22.3	9.63	23.5	10.38	24.7	11.17	25.4	11.72	26.6	12.55
	47.8	23.8	9.06	25.7	10.26	27.0	11.08	28.4	11.93	29.2	12.53	30.6	13.43
	46.1	26.5	9.54	28.6	10.82	30.1	11.63	31.6	12.62	32.5	13.26	34.0	14.23
	43.3	30.4	10.04	32.8	11.42	34.5	12.36	36.3	13.35	37.3	14.03	39.0	15.08
	41.1	31.6	9.73	34.2	11.07	36.0	11.98	37.8	12.94	38.8	13.60	40.6	14.62
	39.4	32.5	9.49	35.1	10.80	37.0	11.69	38.8	12.62	39.9	13.27	41.8	14.26
	37.2	33.6	9.18	36.3	10.44	38.2	11.31	40.1	12.21	41.3	12.84	43.2	13.79
	35.0	34.7	8.87	37.4	10.09	39.4	10.92	41.4	11.80	42.5	12.40	44.5	13.32
	33.9	34.7	8.58	37.4	9.75	39.4	10.55	41.4	11.40	42.5	11.98	44.5	12.87
	32.8	34.7	8.30	37.4	9.43	39.4	10.20	41.4	11.01	42.5	11.58	44.5	12.43
	30.6	34.7	7.77	37.4	8.83	39.4	9.55	41.4	10.30	42.5	10.83	44.5	11.62
	27.8	34.7	7.16	37.4	8.13	39.4	8.79	41.4	9.48	42.5	9.96	44.5	10.69
	23.9	34.7	6.40	37.4	7.26	39.4	7.84	41.4	8.45	42.5	8.88	44.5	9.52
	22.2	34.7	6.09	37.4	6.90	39.4	7.46	41.4	8.04	42.5	8.44	44.5	9.05
	21.1	34.7	5.89	37.4	6.68	39.4	7.22	41.4	7.78	42.5	8.17	44.5	8.76
	20.0	34.7	5.70	37.4	6.46	39.4	6.98	41.4	7.53	42.5	7.90	44.5	8.47
	18.3	34.7	5.57	37.4	6.31	39.4	6.82	41.4	7.35	42.5	7.71	44.5	8.27
	16.7	34.7	5.46	37.4	6.18	39.4	6.68	41.4	7.19	42.5	7.55	44.5	8.10
	14.4	34.7	5.32	37.4	6.03	39.4	6.51	41.4	7.01	42.5	7.36	44.5	7.89
	12.2	34.7	5.22	37.4	5.90	39.4	6.37	41.4	6.87	42.5	7.21	44.5	7.73
	10.0	34.7	5.10	37.4	5.77	39.4	6.23	41.4	6.71	42.5	7.05	44.5	7.55
	4.4	34.7	4.97	37.4	5.63	39.4	6.08	41.4	6.54	42.5	6.87	44.5	7.36
	-1.1	34.7	4.86	37.4	5.50	39.4	5.94	41.4	6.40	42.5	6.71	44.5	7.19
	-5.0	34.7	4.79	37.4	5.41	39.4	5.84	41.4	6.29	42.5	6.60	44.5	7.08
	-9.4	34.7	4.70	37.4	5.32	39.4	5.74	41.4	6.18	42.5	6.49	44.5	6.95
	-15.0	34.7	4.62	37.4	5.22	39.4	5.64	41.4	6.07	42.5	6.37	44.5	6.83
70	51.7	16.3	6.90	17.6	7.78	18.5	8.39	19.4	9.02	19.9	9.45	20.9	10.11
	50.0	18.1	7.18	19.5	8.11	20.6	8.75	21.6	9.42	22.2	9.88	23.2	10.58
	47.8	20.8	7.63	22.5	8.64	23.7	9.34	24.8	10.06	25.6	10.56	26.7	11.32
	46.1	23.2	8.04	25.0	9.12	26.3	9.80	27.7	10.64	28.4	11.18	29.8	11.99
	43.3	26.6	8.46	28.7	9.62	30.2	10.42	31.7	11.25	32.6	11.83	34.1	12.71
	41.1	27.7	8.20	29.9	9.33	31.5	10.10	33.0	10.91	34.0	11.47	35.5	12.32
	39.4	28.5	8.00	30.7	9.10	32.4	9.85	34.0	10.64	34.9	11.18	36.6	12.02
	37.2	29.4	7.74	31.8	8.80	33.5	9.53	35.1	10.29	36.1	10.82	37.8	11.62
	35.0	30.3	7.48	32.7	8.50	34.5	9.21	36.2	9.94	37.2	10.45	38.9	11.23
	33.9	30.3	7.23	32.7	8.22	34.5	8.90	36.2	9.60	37.2	10.10	38.9	10.84
	32.8	30.3	6.99	32.7	7.95	34.5	8.60	36.2	9.28	37.2	9.76	38.9	10.48
	30.6	30.3	6.55	32.7	7.44	34.5	8.05	36.2	8.69	37.2	9.13	38.9	9.80
	27.8	30.3	6.04	32.7	6.85	34.5	7.41	36.2	7.99	37.2	8.40	38.9	9.01
	23.9	30.3	5.39	32.7	6.12	34.5	6.61	36.2	7.13	37.2	7.48	38.9	8.03
	22.2	30.3	5.13	32.7	5.82	34.5	6.29	36.2	6.78	37.2	7.12	38.9	7.63
	21.1	30.3	4.97	32.7	5.63	34.5	6.08	36.2	6.56	37.2	6.89	38.9	7.38
	20.0	30.3	4.81	32.7	5.45	34.5	5.89	36.2	6.34	37.2	6.66	38.9	7.14
	18.3	30.3	4.69	32.7	5.32	34.5	5.74	36.2	6.19	37.2	6.50	38.9	6.97
	16.7	30.3	4.60	32.7	5.21	34.5	5.63	36.2	6.06	37.2	6.37	38.9	6.83
	14.4	30.3	4.49	32.7	5.08	34.5	5.49	36.2	5.91	37.2	6.21	38.9	6.65
	12.2	30.3	4.40	32.7	4.98	34.5	5.37	36.2	5.79	37.2	6.08	38.9	6.51
	10.0	30.3	4.30	32.7	4.87	34.5	5.25	36.2	5.66	37.2	5.94	38.9	6.37
	4.4	30.3	4.19	32.7	4.74	34.5	5.12	36.2	5.52	37.2	5.79	38.9	6.20
	-1.1	30.3	4.10	32.7	4.64	34.5	5.01	36.2	5.39	37.2	5.66	38.9	6.06
	-5.0	30.3	4.03	32.7	4.56	34.5	4.93	36.2	5.30	37.2	5.57	38.9	5.96
	-9.4	30.3	3.96	32.7	4.48	34.5	4.84	36.2	5.21	37.2	5.47	38.9	5.86
	-15.0	30.3	3.89	32.7	4.40	34.5	4.75	36.2	5.12	37.2	5.37	38.9	5.75

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary

COOLING (°C)

MMY-MUP1921FT6P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	26.5	13.05	28.7	14.71	30.2	15.84	31.7	17.02	32.6	17.83	34.1	19.07
	50.0	29.6	13.58	31.9	15.32	33.6	16.52	35.3	17.77	36.3	18.63	38.0	19.94
	47.8	34.0	14.42	36.7	16.31	38.6	17.61	40.6	18.96	41.7	19.90	43.7	21.32
	46.1	37.8	15.18	40.9	17.21	43.0	18.49	45.2	20.05	46.4	21.05	48.6	22.58
	43.3	43.4	15.96	46.9	18.14	49.3	19.63	51.8	21.19	53.3	22.26	55.7	23.91
	41.1	45.2	15.47	48.8	17.58	51.4	19.02	53.9	20.54	55.5	21.58	58.0	23.18
	39.4	46.5	15.09	50.2	17.15	52.8	18.56	55.5	20.03	57.0	21.05	59.7	22.61
	37.2	48.0	14.60	51.9	16.59	54.6	17.95	57.4	19.38	59.0	20.36	61.7	21.87
	35.0	49.5	14.10	53.5	16.02	56.3	17.34	59.1	18.72	60.8	19.67	63.6	21.13
	33.9	49.5	13.64	53.5	15.49	56.3	16.76	59.1	18.09	60.8	19.00	63.6	20.41
	32.8	49.5	13.19	53.5	14.98	56.3	16.20	59.1	17.48	60.8	18.37	63.6	19.72
	30.6	49.5	12.36	53.5	14.03	56.3	15.17	59.1	16.36	60.8	17.18	63.6	18.44
	27.8	49.5	11.40	53.5	12.92	56.3	13.96	59.1	15.06	60.8	15.81	63.6	16.96
	23.9	49.5	10.18	53.5	11.54	56.3	12.46	59.1	13.43	60.8	14.10	63.6	15.12
	22.2	49.5	9.69	53.5	10.97	56.3	11.85	59.1	12.77	60.8	13.40	63.6	14.37
	21.1	49.5	9.38	53.5	10.62	56.3	11.47	59.1	12.36	60.8	12.97	63.6	13.91
	20.0	49.5	9.08	53.5	10.28	56.3	11.10	59.1	11.96	60.8	12.55	63.6	13.45
	18.3	49.5	8.87	53.5	10.03	56.3	10.83	59.1	11.67	60.8	12.25	63.6	13.13
	16.7	49.5	8.69	53.5	9.83	56.3	10.61	59.1	11.43	60.8	12.00	63.6	12.86
	14.4	49.5	8.48	53.5	9.59	56.3	10.35	59.1	11.15	60.8	11.69	63.6	12.53
	12.2	49.5	8.30	53.5	9.39	56.3	10.14	59.1	10.91	60.8	11.45	63.6	12.27
	10.0	49.5	8.12	53.5	9.18	56.3	9.91	59.1	10.67	60.8	11.19	63.6	11.99
	4.4	49.5	7.92	53.5	8.96	56.3	9.66	59.1	10.40	60.8	10.91	63.6	11.69
	-1.1	49.5	7.75	53.5	8.76	56.3	9.44	59.1	10.17	60.8	10.66	63.6	11.42
	-5.0	49.5	7.62	53.5	8.62	56.3	9.29	59.1	10.00	60.8	10.49	63.6	11.24
	-9.4	49.5	7.49	53.5	8.46	56.3	9.13	59.1	9.82	60.8	10.30	63.6	11.04
	-15.0	49.5	7.36	53.5	8.31	56.3	8.97	59.1	9.65	60.8	10.12	63.6	10.84
110	51.7	27.1	13.19	29.2	14.86	30.8	16.00	32.3	17.20	33.2	18.02	34.8	19.27
	50.0	30.1	13.72	32.6	15.48	34.3	16.69	36.0	17.95	37.0	18.82	38.7	20.14
	47.8	34.7	14.56	37.4	16.48	39.4	17.79	41.4	19.16	42.6	20.10	44.5	21.54
	46.1	38.6	15.33	41.7	17.38	43.9	18.68	46.1	20.25	47.4	21.26	49.6	22.81
	43.3	44.3	16.12	47.8	18.32	50.3	19.83	52.8	21.40	54.3	22.49	56.8	24.16
	41.1	46.1	15.63	49.8	17.76	52.4	19.22	55.0	20.75	56.6	21.80	59.2	23.42
	39.4	47.4	15.25	51.2	17.33	53.9	18.75	56.6	20.24	58.2	21.27	60.9	22.84
	37.2	49.0	14.75	52.9	16.76	55.7	18.13	58.5	19.58	60.2	20.57	62.9	22.10
	35.0	50.5	14.24	54.5	16.19	57.4	17.52	60.3	18.91	62.0	19.87	64.8	21.35
	33.9	50.5	13.77	54.5	15.65	57.4	16.93	60.3	18.27	62.0	19.20	64.8	20.62
	32.8	50.5	13.33	54.5	15.13	57.4	16.37	60.3	17.66	62.0	18.56	64.8	19.92
	30.6	50.5	12.49	54.5	14.17	57.4	15.32	60.3	16.53	62.0	17.36	64.8	18.63
	27.8	50.5	11.51	54.5	13.05	57.4	14.11	60.3	15.21	62.0	15.97	64.8	17.14
	23.9	50.5	10.29	54.5	11.65	57.4	12.59	60.3	13.57	62.0	14.24	64.8	15.27
	22.2	50.5	9.79	54.5	11.09	57.4	11.97	60.3	12.90	62.0	13.54	64.8	14.52
	21.1	50.5	9.48	54.5	10.73	57.4	11.59	60.3	12.49	62.0	13.10	64.8	14.05
	20.0	50.5	9.17	54.5	10.38	57.4	11.21	60.3	12.08	62.0	12.68	64.8	13.59
	18.3	50.5	8.96	54.5	10.14	57.4	10.94	60.3	11.79	62.0	12.37	64.8	13.26
	16.7	50.5	8.78	54.5	9.93	57.4	10.72	60.3	11.55	62.0	12.12	64.8	12.99
	14.4	50.5	8.56	54.5	9.69	57.4	10.46	60.3	11.26	62.0	11.81	64.8	12.66
	12.2	50.5	8.39	54.5	9.49	57.4	10.24	60.3	11.03	62.0	11.57	64.8	12.39
	10.0	50.5	8.21	54.5	9.28	57.4	10.01	60.3	10.78	62.0	11.31	64.8	12.12
	4.4	50.5	8.00	54.5	9.05	57.4	9.76	60.3	10.51	62.0	11.02	64.8	11.81
	-1.1	50.5	7.83	54.5	8.84	57.4	9.54	60.3	10.27	62.0	10.77	64.8	11.54
	-5.0	50.5	7.70	54.5	8.70	57.4	9.39	60.3	10.11	62.0	10.60	64.8	11.35
	-9.4	50.5	7.56	54.5	8.55	57.4	9.22	60.3	9.93	62.0	10.41	64.8	11.15
	-15.0	50.5	7.43	54.5	8.40	57.4	9.06	60.3	9.75	62.0	10.22	64.8	10.95
120	51.7	27.9	13.45	30.1	15.15	31.7	16.32	33.3	17.53	34.2	18.37	35.8	19.65
	50.0	31.0	13.99	33.5	15.78	35.3	17.02	37.0	18.30	38.1	19.19	39.8	20.54
	47.8	35.7	14.85	38.5	16.80	40.6	18.14	42.6	19.53	43.8	20.50	45.8	21.97
	46.1	39.7	15.63	42.9	17.72	45.2	19.05	47.4	20.65	48.8	21.68	51.0	23.26
	43.3	45.6	16.44	49.2	18.68	51.8	20.22	54.4	21.82	55.9	22.93	58.5	24.63
	41.1	47.4	15.94	51.2	18.11	53.9	19.60	56.6	21.15	58.2	22.23	60.9	23.88
	39.4	48.8	15.54	52.7	17.67	55.5	19.12	58.3	20.64	59.9	21.69	62.7	23.29
	37.2	50.5	15.04	54.5	17.09	57.4	18.49	60.2	19.96	61.9	20.98	64.8	22.53
	35.0	52.0	14.52	56.1	16.51	59.1	17.86	62.0	19.28	63.8	20.26	66.7	21.76
	33.9	52.0	14.05	56.1	15.96	59.1	17.26	62.0	18.63	63.8	19.58	66.7	21.02
	32.8	52.0	13.59	56.1	15.43	59.1	16.69	62.0	18.01	63.8	18.92	66.7	20.31
	30.6	52.0	12.73	56.1	14.45	59.1	15.62	62.0	16.85	63.8	17.70	66.7	19.00
	27.8	52.0	11.74	56.1	13.31	59.1	14.38	62.0	15.51	63.8	16.29	66.7	17.47
	23.9	52.0	10.49	56.1	11.88	59.1	12.83	62.0	13.83	63.8	14.52	66.7	15.57
	22.2	52.0	9.98	56.1	11.30	59.1	12.21	62.0	13.16	63.8	13.81	66.7	14.80
	21.1	52.0	9.66	56.1	10.94	59.1	11.82	62.0	12.73	63.8	13.36	66.7	14.33
	20.0	52.0	9.35	56.1	10.59	59.1	11.43	62.0	12.32	63.8	12.93	66.7	13.86
	18.3	52.0	9.13	56.1	10.34	59.1	11.16	62.0	12.02	63.8	12.61	66.7	13.52
	16.7	52.0	8.95	56.1	10.13	59.1	10.93	62.0	11.78	63.8	12.36	66.7	13.24
	14.4	52.0	8.73	56.1	9.88	59.1	10.66	62.0	11.48	63.8	12.05	66.7	12.91
	12.2	52.0	8.55	56.1	9.67	59.1	10.44	62.0	11.24	63.8	11.79	66.7	12.64
	10.0	52.0	8.37	56.1	9.46	59.1	10.21	62.0	10.99	63.8	11.53	66.7	12.35
	4.4	52.0	8.16	56.1	9.22	59.1	9.95	62.0	10.71	63.8	11.24	66.7	12.04
	-1.1	52.0	7.98	56.1	9.02	59.1	9.73	62.0	10.47	63.8	10.98	66.7	11.77
	-5.0	52.0	7.85	56.1	8.87	59.1	9.57	62.0	10.30	63.8	10.81	66.7	11.58
	-9.4	52.0	7.71	56.1	8.72	59.1	9.40	62.0	10.12	63.8	10.61	66.7	11.37
	-15.0	52.0	7.58	56.1	8.56	59.1	9.24	62.0	9.94	63.8	10.43	66.7	11.17
130	51.7	28.5	13.64	30.8	15.37	32.4	16.55	34.0	17.78	35.0	18.63	36.3	19.74
	50.0	31.8	14.18	34.3	16.01	36.1	17.26	37.9	18.56	39.0	19.46	40.4	20.64
	47.8	36.5	15.06	39.5	17.04	41.5	18.39	43.6	19.81	44.8	20.79	46.5	22.07
	46.1	40.7	15.85	43.9	17.97	46.2	19.32	48.5	20.94	49.9	21.99	51.7	23.37
	43.3	46.6	16.67	50.4	18.95	53.0	20.50	55.7	22.13	57.2	23.26	59.3	24.75
	41.1	48.6	16.16	52.5	18.37	55.2	19.87	58.0	21.45	59.6	22.55	61.8	23.99
	39.4	50.0	15.77	54.0	17.92	56.8	19.39	59.6	20.93	61.3	21.99	63.6	23.40
	37.2	51.7	15.25	55.8	17.33	58.7	18.75	61.7	20.24	63.4	21.27	65.7	22.64
	35.0	53.2	14.73	57.5	16.74	60.5	18.11	63.5	19.56	65.3	20.55	67.7	21.87
	33.9	53.2	14.24	57.5	16.18	60.5	17.51	63.5	18.89	65.3	19.85	67.7	21.12
	32.8	53.2	13.78	57.5	15.65	60.5	16.93	63.5	18.27	65.3	19.19	67.7	20.41
	30.6	53.2	12.91	57.5	14.65	60.5	15.84	63.5	17.09	65.3	17.95	67.7	19.09
	27.8	53.2	11.91	57.5	13.50	60.5	14.59	63.5	15.73	65.3	16.52	67.7	17.56
	23.9	53.2	10.64	57.5	12.05	60.5	13.02	63.5	14.03	65.3	14.73	67.7	15.65
	22.2	53.2	10.12	57.5	11.46	60.5	12.38	63.5	13.34	65.3	14.00	67.7	14.88
	21.1	53.2	9.80	57.5	11.10	60.5	11.98	63.5	12.91	65.3	13.55	67.7	14.39
	20.0	53.2	9.49	57.5	10.74	60.5	11.60	63.5	12.49	65.3	13.11	67.7	13.92
	18.3	53.2	9.26	57.5	10.48	60.5	11.32	63.5	12.19	65.3	12.79	67.7	13.59
	16.7	53.2	9.08	57.5	10.27	60.5	11.09	63.5	11.94	65.3	12.53	67.7	13.31
	14.4	53.2	8.86	57.5	10.02	60.5	10.81	63.5	11.64	65.3	12.22	67.7	12.97
	12.2	53.2	8.68	57.5	9.81	60.5	10.59	63.5	11.40	65.3	11.96	67.7	12.70
	10.0	53.2	8.49	57.5	9.59	60.5	10.35	63.5	11.15	65.3	11.69	67.7	12.41
	4.4	53.2	8.28	57.5	9.36	60.5	10.09	63.5	10.87	65.3	11.40	67.7	12.10
	-1.1	53.2	8.09	57.5	9.15	60.5	9.87	63.5	10.62	65.3	11.14	67.7	11.82
	-5.0	53.2	7.96	57.5	9.00	60.5	9.71	63.5	10.45	65.3	10.96	67.7	11.63
	-9.4	53.2	7.82	57.5	8.84	60.5	9.54	63.5	10.26	65.3	10.77	67.7	11.42
	-15.0	53.2	7.68	57.5	8.68	60.5	9.37	63.5	10.08	65.3	10.57	67.7	11.22

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	23.9	11.28	25.8	12.71	27.1	13.69	28.5	14.71	29.3	15.41	30.7	16.49
	50.0	26.6	11.74	28.7	13.24	30.2	14.28	31.7	15.36	32.6	16.10	34.2	17.23
	47.8	30.6	12.46	33.0	14.10	34.8	15.22	36.5	16.39	37.5	17.20	39.3	18.43
	46.1	34.0	13.12	36.8	14.87	38.7	15.98	40.6	17.33	41.8	18.19	43.7	19.52
	43.3	39.0	13.79	42.2	15.68	44.4	16.96	46.6	18.31	47.9	19.24	50.1	20.67
	41.1	40.7	13.37	43.9	15.20	46.2	16.44	48.5	17.75	49.9	18.65	52.2	20.03
	39.4	41.8	13.04	45.2	14.82	47.6	16.04	49.9	17.32	51.3	18.20	53.7	19.54
	37.2	43.2	12.62	46.7	14.34	49.2	15.51	51.6	16.75	53.1	17.60	55.5	18.90
	35.0	44.6	12.19	48.1	13.85	50.6	14.99	53.2	16.18	54.7	17.00	57.2	18.26
	33.9	44.6	11.79	48.1	13.39	50.6	14.48	53.2	15.63	54.7	16.43	57.2	17.64
	32.8	44.6	11.40	48.1	12.95	50.6	14.00	53.2	15.11	54.7	15.88	57.2	17.05
	30.6	44.6	10.68	48.1	12.12	50.6	13.11	53.2	14.14	54.7	14.85	57.2	15.94
	27.8	44.6	9.85	48.1	11.17	50.6	12.07	53.2	13.01	54.7	13.67	57.2	14.66
	23.9	44.6	8.80	48.1	9.97	50.6	10.77	53.2	11.61	54.7	12.18	57.2	13.07
	22.2	44.6	8.38	48.1	9.49	50.6	10.24	53.2	11.04	54.7	11.59	57.2	12.42
	21.1	44.6	8.11	48.1	9.18	50.6	9.91	53.2	10.68	54.7	11.21	57.2	12.02
	20.0	44.6	7.85	48.1	8.88	50.6	9.59	53.2	10.34	54.7	10.85	57.2	11.63
	18.3	44.6	7.66	48.1	8.67	50.6	9.36	53.2	10.09	54.7	10.58	57.2	11.35
	16.7	44.6	7.51	48.1	8.50	50.6	9.17	53.2	9.88	54.7	10.37	57.2	11.11
	14.4	44.6	7.33	48.1	8.29	50.6	8.95	53.2	9.63	54.7	10.11	57.2	10.83
	12.2	44.6	7.18	48.1	8.12	50.6	8.76	53.2	9.43	54.7	9.90	57.2	10.60
	10.0	44.6	7.02	48.1	7.94	50.6	8.57	53.2	9.22	54.7	9.68	57.2	10.37
	4.4	44.6	6.85	48.1	7.74	50.6	8.35	53.2	8.99	54.7	9.43	57.2	10.10
	-1.1	44.6	6.70	48.1	7.57	50.6	8.16	53.2	8.79	54.7	9.22	57.2	9.87
	-5.0	44.6	6.59	48.1	7.45	50.6	8.03	53.2	8.65	54.7	9.07	57.2	9.71
	-9.4	44.6	6.47	48.1	7.31	50.6	7.89	53.2	8.49	54.7	8.91	57.2	9.54
	-15.0	44.6	6.36	48.1	7.18	50.6	7.75	53.2	8.34	54.7	8.75	57.2	9.37
80	51.7	21.2	9.65	22.9	10.87	24.1	11.71	25.3	12.58	26.1	13.18	27.3	14.10
	50.0	23.6	10.03	25.5	11.32	26.9	12.21	28.2	13.13	29.0	13.76	30.4	14.73
	47.8	27.2	10.65	29.4	12.05	30.9	13.01	32.5	14.01	33.4	14.70	34.9	15.76
	46.1	30.3	11.22	32.7	12.71	34.4	13.67	36.1	14.81	37.1	15.56	38.9	16.69
	43.3	34.7	11.79	37.5	13.40	39.5	14.50	41.4	15.66	42.6	16.45	44.6	17.67
	41.1	36.1	11.43	39.0	12.99	41.1	14.06	43.1	15.18	44.4	15.95	46.4	17.13
	39.4	37.2	11.15	40.2	12.67	42.3	13.71	44.4	14.80	45.6	15.56	47.8	16.71
	37.2	38.4	10.79	41.5	12.26	43.7	13.26	45.9	14.32	47.2	15.05	49.4	16.16
	35.0	39.6	10.42	42.8	11.84	45.0	12.81	47.3	13.83	48.6	14.54	50.9	15.61
	33.9	39.6	10.08	42.8	11.45	45.0	12.38	47.3	13.37	48.6	14.04	50.9	15.08
	32.8	39.6	9.75	42.8	11.07	45.0	11.97	47.3	12.92	48.6	13.57	50.9	14.57
	30.6	39.6	9.14	42.8	10.37	45.0	11.21	47.3	12.09	48.6	12.70	50.9	13.63
	27.8	39.6	8.42	42.8	9.55	45.0	10.32	47.3	11.13	48.6	11.68	50.9	12.54
	23.9	39.6	7.52	42.8	8.52	45.0	9.21	47.3	9.92	48.6	10.42	50.9	11.17
	22.2	39.6	7.16	42.8	8.11	45.0	8.76	47.3	9.44	48.6	9.91	50.9	10.62
	21.1	39.6	6.93	42.8	7.85	45.0	8.48	47.3	9.13	48.6	9.59	50.9	10.28
	20.0	39.6	6.71	42.8	7.60	45.0	8.20	47.3	8.84	48.6	9.27	50.9	9.94
	18.3	39.6	6.55	42.8	7.42	45.0	8.01	47.3	8.62	48.6	9.05	50.9	9.70
	16.7	39.6	6.42	42.8	7.27	45.0	7.84	47.3	8.45	48.6	8.86	50.9	9.50
	14.4	39.6	6.26	42.8	7.09	45.0	7.65	47.3	8.24	48.6	8.64	50.9	9.26
	12.2	39.6	6.14	42.8	6.94	45.0	7.49	47.3	8.07	48.6	8.46	50.9	9.07
	10.0	39.6	6.00	42.8	6.79	45.0	7.32	47.3	7.89	48.6	8.27	50.9	8.86
	4.4	39.6	5.85	42.8	6.62	45.0	7.14	47.3	7.69	48.6	8.06	50.9	8.64
	-1.1	39.6	5.72	42.8	6.47	45.0	6.98	47.3	7.51	48.6	7.88	50.9	8.44
	-5.0	39.6	5.63	42.8	6.37	45.0	6.87	47.3	7.39	48.6	7.75	50.9	8.31
	-9.4	39.6	5.53	42.8	6.25	45.0	6.75	47.3	7.26	48.6	7.62	50.9	8.16
	-15.0	39.6	5.44	42.8	6.14	45.0	6.63	47.3	7.13	48.6	7.48	50.9	8.01
70	51.7	18.6	8.13	20.1	9.16	21.1	9.87	22.2	10.60	22.8	11.11	23.9	11.88
	50.0	20.7	8.46	22.3	9.54	23.5	10.29	24.7	11.07	25.4	11.60	26.6	12.42
	47.8	23.8	8.98	25.7	10.16	27.0	10.97	28.4	11.81	29.2	12.39	30.6	13.28
	46.1	26.5	9.45	28.6	10.72	30.1	11.52	31.6	12.49	32.5	13.11	34.0	14.07
	43.3	30.4	9.94	32.8	11.30	34.5	12.22	36.3	13.20	37.3	13.87	39.0	14.89
	41.1	31.6	9.64	34.2	10.95	36.0	11.85	37.8	12.79	38.8	13.44	40.6	14.44
	39.4	32.5	9.40	35.1	10.68	37.0	11.56	38.8	12.48	39.9	13.11	41.8	14.08
	37.2	33.6	9.09	36.3	10.33	38.2	11.18	40.1	12.07	41.3	12.68	43.2	13.62
	35.0	34.7	8.78	37.4	9.98	39.4	10.80	41.4	11.66	42.5	12.25	44.5	13.16
	33.9	34.7	8.49	37.4	9.65	39.4	10.44	41.4	11.27	42.5	11.84	44.5	12.71
	32.8	34.7	8.22	37.4	9.33	39.4	10.09	41.4	10.89	42.5	11.44	44.5	12.28
	30.6	34.7	7.70	37.4	8.74	39.4	9.45	41.4	10.19	42.5	10.70	44.5	11.49
	27.8	34.7	7.10	37.4	8.05	39.4	8.70	41.4	9.38	42.5	9.85	44.5	10.57
	23.9	34.7	6.34	37.4	7.18	39.4	7.76	41.4	8.36	42.5	8.78	44.5	9.42
	22.2	34.7	6.04	37.4	6.84	39.4	7.38	41.4	7.95	42.5	8.35	44.5	8.95
	21.1	34.7	5.84	37.4	6.62	39.4	7.14	41.4	7.70	42.5	8.08	44.5	8.66
	20.0	34.7	5.66	37.4	6.40	39.4	6.91	41.4	7.45	42.5	7.82	44.5	8.38
	18.3	34.7	5.52	37.4	6.25	39.4	6.75	41.4	7.27	42.5	7.63	44.5	8.18
	16.7	34.7	5.41	37.4	6.12	39.4	6.61	41.4	7.12	42.5	7.47	44.5	8.01
	14.4	34.7	5.28	37.4	5.97	39.4	6.45	41.4	6.94	42.5	7.28	44.5	7.81
	12.2	34.7	5.17	37.4	5.85	39.4	6.31	41.4	6.80	42.5	7.13	44.5	7.64
	10.0	34.7	5.06	37.4	5.72	39.4	6.17	41.4	6.65	42.5	6.97	44.5	7.47
	4.4	34.7	4.93	37.4	5.58	39.4	6.02	41.4	6.48	42.5	6.80	44.5	7.28
	-1.1	34.7	4.83	37.4	5.45	39.4	5.88	41.4	6.33	42.5	6.64	44.5	7.11
	-5.0	34.7	4.75	37.4	5.37	39.4	5.79	41.4	6.23	42.5	6.54	44.5	7.00
	-9.4	34.7	4.66	37.4	5.27	39.4	5.69	41.4	6.12	42.5	6.42	44.5	6.87
	-15.0	34.7	4.58	37.4	5.18	39.4	5.58	41.4	6.01	42.5	6.30	44.5	6.75

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1℃~51.7℃, the data is shown as reference.
2.For temperature 14.4℃~-15℃, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor

COOLING (°C)

MMY-UP1921FT6P-UL/MMY-UP1921FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	26.5	10.65	28.7	12.26	30.2	13.36	31.7	14.53	32.6	15.35	34.1	16.60
	50.0	29.6	11.22	31.9	12.94	33.6	14.13	35.3	15.38	36.3	16.25	38.0	17.60
	47.8	34.0	12.14	36.7	14.05	38.6	15.36	40.6	16.75	41.7	17.72	43.7	19.22
	46.1	37.8	12.99	40.9	15.06	43.0	16.40	45.2	18.01	46.4	19.07	48.6	20.71
	43.3	43.4	13.92	46.9	16.20	49.3	17.77	51.8	19.43	53.3	20.59	55.7	22.39
	41.1	45.2	13.49	48.8	15.70	51.4	17.22	53.9	18.83	55.5	19.96	58.0	21.70
	39.4	46.5	13.16	50.2	15.32	52.8	16.80	55.5	18.37	57.0	19.47	59.7	21.17
	37.2	48.0	12.73	51.9	14.82	54.6	16.25	57.4	17.77	59.0	18.84	61.7	20.48
	35.0	49.5	12.30	53.5	14.32	56.3	15.70	59.1	17.17	60.8	18.20	63.6	19.79
	33.9	49.5	11.86	53.5	13.79	56.3	15.12	59.1	16.53	60.8	17.52	63.6	19.05
	32.8	49.5	11.43	53.5	13.29	56.3	14.57	59.1	15.93	60.8	16.88	63.6	18.34
	30.6	49.5	10.65	53.5	12.37	56.3	13.56	59.1	14.81	60.8	15.69	63.6	17.05
	27.8	49.5	9.76	53.5	11.33	56.3	12.40	59.1	13.54	60.8	14.34	63.6	15.58
	23.9	49.5	8.66	53.5	10.04	56.3	10.98	59.1	11.99	60.8	12.69	63.6	13.77
	22.2	49.5	8.22	53.5	9.52	56.3	10.42	59.1	11.37	60.8	12.03	63.6	13.06
	21.1	49.5	7.95	53.5	9.20	56.3	10.07	59.1	10.98	60.8	11.63	63.6	12.61
	20.0	49.5	7.68	53.5	8.89	56.3	9.73	59.1	10.61	60.8	11.23	63.6	12.18
	18.3	49.5	7.48	53.5	8.66	56.3	9.47	59.1	10.33	60.8	10.93	63.6	11.86
	16.7	49.5	7.32	53.5	8.47	56.3	9.27	59.1	10.11	60.8	10.69	63.6	11.60
	14.4	49.5	7.13	53.5	8.25	56.3	9.01	59.1	9.83	60.8	10.40	63.6	11.28
	12.2	49.5	6.97	53.5	8.06	56.3	8.81	59.1	9.61	60.8	10.16	63.6	11.02
	10.0	49.5	6.81	53.5	7.87	56.3	8.60	59.1	9.38	60.8	9.92	63.6	10.76
	4.4	49.5	6.62	53.5	7.66	56.3	8.37	59.1	9.12	60.8	9.64	63.6	10.45
	-1.1	49.5	6.47	53.5	7.47	56.3	8.17	59.1	8.90	60.8	9.41	63.6	10.20
	-5.0	49.5	6.36	53.5	7.35	56.3	8.03	59.1	8.75	60.8	9.26	63.6	10.03
	-9.4	49.5	6.25	53.5	7.22	56.3	7.89	59.1	8.59	60.8	9.09	63.6	9.85
	-15.0	49.5	6.14	53.5	7.09	56.3	7.74	59.1	8.44	60.8	8.92	63.6	9.67
110	51.7	27.1	10.76	29.2	12.38	30.8	13.50	32.3	14.68	33.2	15.50	34.8	16.77
	50.0	30.1	11.33	32.6	13.07	34.3	14.27	36.0	15.54	37.0	16.42	38.7	17.78
	47.8	34.7	12.26	37.4	14.19	39.4	15.52	41.4	16.92	42.6	17.90	44.5	19.42
	46.1	38.6	13.12	41.7	15.22	43.9	16.56	46.1	18.20	47.4	19.27	49.6	20.92
	43.3	44.3	14.06	47.8	16.36	50.3	17.95	52.8	19.63	54.3	20.80	56.8	22.62
	41.1	46.1	13.63	49.8	15.86	52.4	17.40	55.0	19.02	56.6	20.16	59.2	21.93
	39.4	47.4	13.30	51.2	15.47	53.9	16.97	56.6	18.56	58.2	19.67	60.9	21.39
	37.2	49.0	12.86	52.9	14.97	55.7	16.42	58.5	17.95	60.2	19.03	62.9	20.69
	35.0	50.5	12.43	54.5	14.46	57.4	15.86	60.3	17.35	62.0	18.39	64.8	19.99
	33.9	50.5	11.98	54.5	13.93	57.4	15.27	60.3	16.70	62.0	17.70	64.8	19.24
	32.8	50.5	11.55	54.5	13.43	57.4	14.72	60.3	16.09	62.0	17.05	64.8	18.53
	30.6	50.5	10.76	54.5	12.50	57.4	13.70	60.3	14.97	62.0	15.85	64.8	17.22
	27.8	50.5	9.86	54.5	11.44	57.4	12.53	60.3	13.68	62.0	14.49	64.8	15.73
	23.9	50.5	8.75	54.5	10.14	57.4	11.10	60.3	12.11	62.0	12.82	64.8	13.91
	22.2	50.5	8.30	54.5	9.62	57.4	10.53	60.3	11.49	62.0	12.16	64.8	13.19
	21.1	50.5	8.03	54.5	9.30	57.4	10.17	60.3	11.10	62.0	11.74	64.8	12.74
	20.0	50.5	7.76	54.5	8.98	57.4	9.83	60.3	10.72	62.0	11.34	64.8	12.31
	18.3	50.5	7.56	54.5	8.75	57.4	9.57	60.3	10.44	62.0	11.05	64.8	11.98
	16.7	50.5	7.40	54.5	8.56	57.4	9.36	60.3	10.21	62.0	10.80	64.8	11.72
	14.4	50.5	7.20	54.5	8.33	57.4	9.11	60.3	9.93	62.0	10.51	64.8	11.39
	12.2	50.5	7.04	54.5	8.14	57.4	8.90	60.3	9.71	62.0	10.27	64.8	11.13
	10.0	50.5	6.88	54.5	7.95	57.4	8.69	60.3	9.48	62.0	10.02	64.8	10.87
	4.4	50.5	6.69	54.5	7.73	57.4	8.45	60.3	9.21	62.0	9.74	64.8	10.56
	-1.1	50.5	6.53	54.5	7.55	57.4	8.25	60.3	8.99	62.0	9.51	64.8	10.30
	-5.0	50.5	6.43	54.5	7.43	57.4	8.11	60.3	8.84	62.0	9.35	64.8	10.13
	-9.4	50.5	6.31	54.5	7.29	57.4	7.97	60.3	8.68	62.0	9.18	64.8	9.95
	-15.0	50.5	6.20	54.5	7.16	57.4	7.82	60.3	8.52	62.0	9.01	64.8	9.77
120	51.7	27.9	10.97	30.1	12.63	31.7	13.76	33.3	14.97	34.2	15.81	35.8	17.10
	50.0	31.0	11.56	33.5	13.33	35.3	14.55	37.0	15.84	38.1	16.74	39.8	18.13
	47.8	35.7	12.50	38.5	14.47	40.6	15.82	42.6	17.26	43.8	18.26	45.8	19.80
	46.1	39.7	13.38	42.9	15.52	45.2	16.89	47.4	18.55	48.8	19.65	51.0	21.33
	43.3	45.6	14.34	49.2	16.69	51.8	18.30	54.4	20.01	55.9	21.21	58.5	23.06
	41.1	47.4	13.90	51.2	16.17	53.9	17.74	56.6	19.40	58.2	20.56	60.9	22.36
	39.4	48.8	13.56	52.7	15.78	55.5	17.30	58.3	18.92	59.9	20.06	62.7	21.81
	37.2	50.5	13.12	54.5	15.26	57.4	16.74	60.2	18.30	61.9	19.40	64.8	21.10
	35.0	52.0	12.67	56.1	14.75	59.1	16.17	62.0	17.69	63.8	18.75	66.7	20.38
	33.9	52.0	12.21	56.1	14.20	59.1	15.57	62.0	17.03	63.8	18.05	66.7	19.62
	32.8	52.0	11.78	56.1	13.69	59.1	15.01	62.0	16.41	63.8	17.38	66.7	18.89
	30.6	52.0	10.97	56.1	12.75	59.1	13.97	62.0	15.26	63.8	16.16	66.7	17.56
	27.8	52.0	10.05	56.1	11.67	59.1	12.78	62.0	13.95	63.8	14.77	66.7	16.04
	23.9	52.0	8.92	56.1	10.34	59.1	11.31	62.0	12.35	63.8	13.07	66.7	14.19
	22.2	52.0	8.47	56.1	9.81	59.1	10.73	62.0	11.71	63.8	12.40	66.7	13.45
	21.1	52.0	8.18	56.1	9.48	59.1	10.37	62.0	11.32	63.8	11.98	66.7	12.99
	20.0	52.0	7.91	56.1	9.16	59.1	10.02	62.0	10.93	63.8	11.57	66.7	12.55
	18.3	52.0	7.71	56.1	8.92	59.1	9.76	62.0	10.64	63.8	11.26	66.7	12.22
	16.7	52.0	7.54	56.1	8.73	59.1	9.54	62.0	10.41	63.8	11.01	66.7	11.95
	14.4	52.0	7.34	56.1	8.49	59.1	9.29	62.0	10.13	63.8	10.71	66.7	11.62
	12.2	52.0	7.18	56.1	8.30	59.1	9.08	62.0	9.90	63.8	10.47	66.7	11.35
	10.0	52.0	7.01	56.1	8.11	59.1	8.86	62.0	9.66	63.8	10.22	66.7	11.08
	4.4	52.0	6.82	56.1	7.89	59.1	8.62	62.0	9.39	63.8	9.93	66.7	10.77
	-1.1	52.0	6.66	56.1	7.70	59.1	8.41	62.0	9.17	63.8	9.69	66.7	10.51
	-5.0	52.0	6.55	56.1	7.57	59.1	8.27	62.0	9.02	63.8	9.53	66.7	10.33
	-9.4	52.0	6.44	56.1	7.44	59.1	8.12	62.0	8.85	63.8	9.36	66.7	10.14
	-15.0	52.0	6.32	56.1	7.30	59.1	7.98	62.0	8.69	63.8	9.19	66.7	9.96
130	51.7	28.5	11.13	30.8	12.81	32.4	13.96	34.0	15.18	35.0	16.03	36.3	17.18
	50.0	31.8	11.72	34.3	13.52	36.1	14.76	37.9	16.07	39.0	16.98	40.4	18.22
	47.8	36.5	12.68	39.5	14.68	41.5	16.05	43.6	17.50	44.8	18.51	46.5	19.89
	46.1	40.7	13.57	43.9	15.74	46.2	17.13	48.5	18.82	49.9	19.93	51.7	21.44
	43.3	46.6	14.54	50.4	16.92	53.0	18.56	55.7	20.30	57.2	21.51	59.3	23.17
	41.1	48.6	14.10	52.5	16.40	55.2	17.99	58.0	19.67	59.6	20.85	61.8	22.46
	39.4	50.0	13.75	54.0	16.00	56.8	17.55	59.6	19.19	61.3	20.34	63.6	21.91
	37.2	51.7	13.30	55.8	15.48	58.7	16.98	61.7	18.56	63.4	19.68	65.7	21.20
	35.0	53.2	12.85	57.5	14.95	60.5	16.40	63.5	17.94	65.3	19.01	67.7	20.48
	33.9	53.2	12.39	57.5	14.41	60.5	15.79	63.5	17.27	65.3	18.30	67.7	19.71
	32.8	53.2	11.95	57.5	13.89	60.5	15.22	63.5	16.64	65.3	17.63	67.7	18.98
	30.6	53.2	11.13	57.5	12.93	60.5	14.16	63.5	15.48	65.3	16.39	67.7	17.64
	27.8	53.2	10.20	57.5	11.83	60.5	12.96	63.5	14.15	65.3	14.98	67.7	16.12
	23.9	53.2	9.05	57.5	10.48	60.5	11.47	63.5	12.52	65.3	13.26	67.7	14.25
	22.2	53.2	8.59	57.5	9.95	60.5	10.88	63.5	11.88	65.3	12.57	67.7	13.51
	21.1	53.2	8.30	57.5	9.61	60.5	10.52	63.5	11.48	65.3	12.14	67.7	13.06
	20.0	53.2	8.02	57.5	9.29	60.5	10.16	63.5	11.09	65.3	11.73	67.7	12.61
	18.3	53.2	7.82	57.5	9.05	60.5	9.90	63.5	10.80	65.3	11.42	67.7	12.28
	16.7	53.2	7.65	57.5	8.85	60.5	9.68	63.5	10.56	65.3	11.17	67.7	12.00
	14.4	53.2	7.45	57.5	8.61	60.5	9.42	63.5	10.27	65.3	10.86	67.7	11.67
	12.2	53.2	7.28	57.5	8.42	60.5	9.21	63.5	10.04	65.3	10.62	67.7	11.41
	10.0	53.2	7.11	57.5	8.22	60.5	8.99	63.5	9.80	65.3	10.36	67.7	11.13
	4.4	53.2	6.92	57.5	8.00	60.5	8.74	63.5	9.52	65.3	10.07	67.7	10.82
	-1.1	53.2	6.76	57.5	7.81	60.5	8.53	63.5	9.30	65.3	9.83	67.7	10.56
	-5.0	53.2	6.65	57.5	7.68	60.5	8.39	63.5	9.14	65.3	9.67	67.7	10.38
	-9.4	53.2	6.53	57.5	7.54	60.5	8.24	63.5	8.98	65.3	9.49	67.7	10.19
	-15.0	53.2	6.41	57.5	7.41	60.5	8.09	63.5	8.82	65.3	9.32	67.7	10.01

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	23.9	9.21	25.8	10.59	27.1	11.55	28.5	12.56	29.3	13.26	30.7	14.35
	50.0	26.6	9.70	28.7	11.19	30.2	12.21	31.7	13.29	32.6	14.05	34.2	15.21
	47.8	30.6	10.49	33.0	12.14	34.8	13.28	36.5	14.48	37.5	15.32	39.3	16.61
	46.1	34.0	11.22	36.8	13.02	38.7	14.17	40.6	15.57	41.8	16.49	43.7	17.90
	43.3	39.0	12.03	42.2	14.00	44.4	15.35	46.6	16.79	47.9	17.80	50.1	19.35
	41.1	40.7	11.66	43.9	13.57	46.2	14.88	48.5	16.28	49.9	17.25	52.2	18.76
	39.4	41.8	11.38	45.2	13.24	47.6	14.52	49.9	15.88	51.3	16.83	53.7	18.30
	37.2	43.2	11.01	46.7	12.81	49.2	14.04	51.6	15.36	53.1	16.28	55.5	17.70
	35.0	44.6	10.63	48.1	12.37	50.6	13.57	53.2	14.84	54.7	15.73	57.2	17.10
	33.9	44.6	10.25	48.1	11.92	50.6	13.07	53.2	14.29	54.7	15.14	57.2	16.46
	32.8	44.6	9.88	48.1	11.49	50.6	12.59	53.2	13.77	54.7	14.59	57.2	15.85
	30.6	44.6	9.21	48.1	10.70	50.6	11.72	53.2	12.80	54.7	13.56	57.2	14.74
	27.8	44.6	8.44	48.1	9.79	50.6	10.72	53.2	11.71	54.7	12.40	57.2	13.46
	23.9	44.6	7.48	48.1	8.67	50.6	9.49	53.2	10.36	54.7	10.97	57.2	11.90
	22.2	44.6	7.10	48.1	8.23	50.6	9.01	53.2	9.83	54.7	10.40	57.2	11.29
	21.1	44.6	6.87	48.1	7.95	50.6	8.70	53.2	9.49	54.7	10.05	57.2	10.90
	20.0	44.6	6.64	48.1	7.69	50.6	8.41	53.2	9.17	54.7	9.71	57.2	10.53
	18.3	44.6	6.47	48.1	7.49	50.6	8.19	53.2	8.93	54.7	9.45	57.2	10.25
	16.7	44.6	6.33	48.1	7.32	50.6	8.01	53.2	8.73	54.7	9.24	57.2	10.02
	14.4	44.6	6.16	48.1	7.13	50.6	7.79	53.2	8.50	54.7	8.99	57.2	9.75
	12.2	44.6	6.02	48.1	6.97	50.6	7.62	53.2	8.30	54.7	8.78	57.2	9.52
	10.0	44.6	5.88	48.1	6.80	50.6	7.44	53.2	8.11	54.7	8.57	57.2	9.30
	4.4	44.6	5.72	48.1	6.62	50.6	7.23	53.2	7.88	54.7	8.33	57.2	9.03
	-1.1	44.6	5.59	48.1	6.46	50.6	7.06	53.2	7.69	54.7	8.13	57.2	8.82
	-5.0	44.6	5.50	48.1	6.35	50.6	6.94	53.2	7.56	54.7	8.00	57.2	8.67
	-9.4	44.6	5.40	48.1	6.24	50.6	6.82	53.2	7.43	54.7	7.85	57.2	8.51
	-15.0	44.6	5.30	48.1	6.13	50.6	6.69	53.2	7.29	54.7	7.71	57.2	8.36
80	51.7	21.2	7.87	22.9	9.06	24.1	9.88	25.3	10.74	26.1	11.34	27.3	12.27
	50.0	23.6	8.29	25.5	9.56	26.9	10.44	28.2	11.37	29.0	12.01	30.4	13.01
	47.8	27.2	8.97	29.4	10.38	30.9	11.35	32.5	12.38	33.4	13.10	34.9	14.20
	46.1	30.3	9.60	32.7	11.13	34.4	12.12	36.1	13.31	37.1	14.10	38.9	15.31
	43.3	34.7	10.29	37.5	11.97	39.5	13.13	41.4	14.36	42.6	15.22	44.6	16.55
	41.1	36.1	9.97	39.0	11.60	41.1	12.73	43.1	13.92	44.4	14.75	46.4	16.04
	39.4	37.2	9.73	40.2	11.32	42.3	12.41	44.4	13.58	45.6	14.39	47.8	15.65
	37.2	38.4	9.41	41.5	10.95	43.7	12.01	45.9	13.13	47.2	13.92	49.4	15.13
	35.0	39.6	9.09	42.8	10.58	45.0	11.60	47.3	12.69	48.6	13.45	50.9	14.62
	33.9	39.6	8.76	42.8	10.19	45.0	11.17	47.3	12.22	48.6	12.95	50.9	14.07
	32.8	39.6	8.45	42.8	9.82	45.0	10.77	47.3	11.77	48.6	12.47	50.9	13.56
	30.6	39.6	7.87	42.8	9.14	45.0	10.02	47.3	10.95	48.6	11.60	50.9	12.60
	27.8	39.6	7.21	42.8	8.37	45.0	9.17	47.3	10.01	48.6	10.60	50.9	11.51
	23.9	39.6	6.40	42.8	7.42	45.0	8.12	47.3	8.86	48.6	9.38	50.9	10.18
	22.2	39.6	6.07	42.8	7.04	45.0	7.70	47.3	8.40	48.6	8.89	50.9	9.65
	21.1	39.6	5.87	42.8	6.80	45.0	7.44	47.3	8.12	48.6	8.59	50.9	9.32
	20.0	39.6	5.67	42.8	6.57	45.0	7.19	47.3	7.84	48.6	8.30	50.9	9.00
	18.3	39.6	5.53	42.8	6.40	45.0	7.00	47.3	7.64	48.6	8.08	50.9	8.77
	16.7	39.6	5.41	42.8	6.26	45.0	6.85	47.3	7.47	48.6	7.90	50.9	8.57
	14.4	39.6	5.27	42.8	6.09	45.0	6.66	47.3	7.26	48.6	7.68	50.9	8.33
	12.2	39.6	5.15	42.8	5.96	45.0	6.51	47.3	7.10	48.6	7.51	50.9	8.14
	10.0	39.6	5.03	42.8	5.82	45.0	6.36	47.3	6.93	48.6	7.33	50.9	7.95
	4.4	39.6	4.89	42.8	5.66	45.0	6.18	47.3	6.74	48.6	7.13	50.9	7.72
	-1.1	39.6	4.78	42.8	5.52	45.0	6.03	47.3	6.58	48.6	6.95	50.9	7.54
	-5.0	39.6	4.70	42.8	5.43	45.0	5.94	47.3	6.47	48.6	6.84	50.9	7.41
	-9.4	39.6	4.62	42.8	5.33	45.0	5.83	47.3	6.35	48.6	6.71	50.9	7.28
	-15.0	39.6	4.53	42.8	5.24	45.0	5.72	47.3	6.24	48.6	6.59	50.9	7.15
70	51.7	18.6	6.63	20.1	7.63	21.1	8.32	22.2	9.05	22.8	9.56	23.9	10.34
	50.0	20.7	6.99	22.3	8.06	23.5	8.80	24.7	9.58	25.4	10.12	26.6	10.96
	47.8	23.8	7.56	25.7	8.75	27.0	9.57	28.4	10.43	29.2	11.04	30.6	11.97
	46.1	26.5	8.09	28.6	9.38	30.1	10.21	31.6	11.22	32.5	11.88	34.0	12.90
	43.3	30.4	8.67	32.8	10.09	34.5	11.07	36.3	12.10	37.3	12.83	39.0	13.95
	41.1	31.6	8.40	34.2	9.78	36.0	10.73	37.8	11.73	38.8	12.43	40.6	13.52
	39.4	32.5	8.20	35.1	9.54	37.0	10.46	38.8	11.44	39.9	12.13	41.8	13.19
	37.2	33.6	7.93	36.3	9.23	38.2	10.12	40.1	11.07	41.3	11.73	43.2	12.76
	35.0	34.7	7.66	37.4	8.92	39.4	9.78	41.4	10.69	42.5	11.34	44.5	12.33
	33.9	34.7	7.38	37.4	8.59	39.4	9.42	41.4	10.30	42.5	10.91	44.5	11.86
	32.8	34.7	7.12	37.4	8.28	39.4	9.08	41.4	9.92	42.5	10.51	44.5	11.43
	30.6	34.7	6.64	37.4	7.71	39.4	8.44	41.4	9.23	42.5	9.77	44.5	10.62
	27.8	34.7	6.08	37.4	7.05	39.4	7.72	41.4	8.44	42.5	8.93	44.5	9.70
	23.9	34.7	5.39	37.4	6.25	39.4	6.84	41.4	7.47	42.5	7.90	44.5	8.58
	22.2	34.7	5.12	37.4	5.93	39.4	6.49	41.4	7.08	42.5	7.50	44.5	8.13
	21.1	34.7	4.95	37.4	5.73	39.4	6.27	41.4	6.84	42.5	7.24	44.5	7.86
	20.0	34.7	4.78	37.4	5.54	39.4	6.06	41.4	6.61	42.5	6.99	44.5	7.59
	18.3	34.7	4.66	37.4	5.40	39.4	5.90	41.4	6.44	42.5	6.81	44.5	7.39
	16.7	34.7	4.56	37.4	5.28	39.4	5.77	41.4	6.29	42.5	6.66	44.5	7.22
	14.4	34.7	4.44	37.4	5.14	39.4	5.61	41.4	6.12	42.5	6.48	44.5	7.02
	12.2	34.7	4.34	37.4	5.02	39.4	5.49	41.4	5.98	42.5	6.33	44.5	6.86
	10.0	34.7	4.24	37.4	4.90	39.4	5.36	41.4	5.84	42.5	6.18	44.5	6.70
	4.4	34.7	4.13	37.4	4.77	39.4	5.21	41.4	5.68	42.5	6.01	44.5	6.51
	-1.1	34.7	4.03	37.4	4.66	39.4	5.09	41.4	5.54	42.5	5.86	44.5	6.35
	-5.0	34.7	3.96	37.4	4.58	39.4	5.00	41.4	5.45	42.5	5.76	44.5	6.25
	-9.4	34.7	3.89	37.4	4.50	39.4	4.91	41.4	5.35	42.5	5.66	44.5	6.13
	-15.0	34.7	3.82	37.4	4.42	39.4	4.82	41.4	5.26	42.5	5.56	44.5	6.02

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to

COOLING (°C)

MMY-UP2161FT6P-UL/MMY-UP2161FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	29.8	12.53	32.2	14.35	33.9	15.60	35.6	16.91	36.6	17.81	38.3	19.21
	50.0	33.2	13.16	35.9	15.10	37.8	16.43	39.7	17.82	40.8	18.79	42.7	20.28
	47.8	38.2	14.17	41.3	16.30	43.5	17.76	45.6	19.29	46.9	20.36	49.1	22.00
	46.1	42.6	15.10	46.0	17.40	48.4	18.87	50.8	20.63	52.2	21.79	54.7	23.56
	43.3	48.8	16.09	52.7	18.59	55.5	20.30	58.3	22.11	59.9	23.36	62.7	25.30
	41.1	50.8	15.60	54.9	18.02	57.8	19.68	60.7	21.43	62.4	22.65	65.3	24.52
	39.4	52.3	15.22	56.5	17.58	59.4	19.20	62.4	20.90	64.2	22.09	67.1	23.92
	37.2	54.1	14.72	58.4	17.00	61.4	18.57	64.5	20.22	66.3	21.37	69.4	23.14
	35.0	55.7	14.22	60.1	16.43	63.3	17.94	66.5	19.54	68.3	20.65	71.5	22.36
	33.9	55.7	13.72	60.1	15.84	63.3	17.30	66.5	18.83	68.3	19.90	71.5	21.54
	32.8	55.7	13.24	60.1	15.29	63.3	16.69	66.5	18.16	68.3	19.19	71.5	20.77
	30.6	55.7	12.36	60.1	14.26	63.3	15.56	66.5	16.93	68.3	17.88	71.5	19.35
	27.8	55.7	11.34	60.1	13.07	63.3	14.26	66.5	15.51	68.3	16.38	71.5	17.71
	23.9	55.7	10.08	60.1	11.61	63.3	12.66	66.5	13.76	68.3	14.53	71.5	15.71
	22.2	55.7	9.58	60.1	11.03	63.3	12.02	66.5	13.06	68.3	13.79	71.5	14.90
	21.1	55.7	9.26	60.1	10.66	63.3	11.62	66.5	12.63	68.3	13.33	71.5	14.40
	20.0	55.7	8.96	60.1	10.31	63.3	11.23	66.5	12.20	68.3	12.88	71.5	13.92
	18.3	55.7	8.73	60.1	10.05	63.3	10.94	66.5	11.89	68.3	12.55	71.5	13.56
	16.7	55.7	8.55	60.1	9.83	63.3	10.71	66.5	11.64	68.3	12.28	71.5	13.27
	14.4	55.7	8.33	60.1	9.57	63.3	10.43	66.5	11.33	68.3	11.95	71.5	12.91
	12.2	55.7	8.15	60.1	9.36	63.3	10.20	66.5	11.08	68.3	11.69	71.5	12.62
	10.0	55.7	7.96	60.1	9.15	63.3	9.96	66.5	10.82	68.3	11.41	71.5	12.33
	4.4	55.7	7.75	60.1	8.90	63.3	9.69	66.5	10.52	68.3	11.10	71.5	11.99
	-1.1	55.7	7.57	60.1	8.69	63.3	9.47	66.5	10.28	68.3	10.84	71.5	11.71
	-5.0	55.7	7.45	60.1	8.55	63.3	9.31	66.5	10.11	68.3	10.66	71.5	11.51
	-9.4	55.7	7.31	60.1	8.40	63.3	9.14	66.5	9.93	68.3	10.47	71.5	11.31
	-15.0	55.7	7.18	60.1	8.25	63.3	8.98	66.5	9.75	68.3	10.28	71.5	11.10
110	51.7	30.4	12.66	32.9	14.50	34.6	15.76	36.3	17.08	37.4	17.99	39.1	19.40
	50.0	33.9	13.30	36.6	15.25	38.5	16.59	40.5	18.00	41.6	18.98	43.5	20.48
	47.8	39.0	14.32	42.1	16.47	44.3	17.94	46.6	19.49	47.9	20.57	50.1	22.22
	46.1	43.4	15.25	46.9	17.57	49.3	19.07	51.8	20.84	53.3	22.01	55.7	23.81
	43.3	49.8	16.26	53.8	18.78	56.6	20.51	59.4	22.33	61.1	23.60	63.9	25.56
	41.1	51.8	15.76	56.0	18.21	58.9	19.88	61.9	21.65	63.6	22.88	66.6	24.77
	39.4	53.3	15.37	57.6	17.76	60.6	19.39	63.7	21.12	65.5	22.32	68.5	24.17
	37.2	55.1	14.87	59.5	17.18	62.7	18.76	65.8	20.43	67.7	21.59	70.8	23.37
	35.0	56.8	14.37	61.3	16.60	64.6	18.12	67.8	19.74	69.7	20.86	72.9	22.58
	33.9	56.8	13.86	61.3	16.00	64.6	17.47	67.8	19.02	69.7	20.10	72.9	21.76
	32.8	56.8	13.38	61.3	15.44	64.6	16.86	67.8	18.35	69.7	19.39	72.9	20.98
	30.6	56.8	12.49	61.3	14.40	64.6	15.72	67.8	17.10	69.7	18.06	72.9	19.54
	27.8	56.8	11.46	61.3	13.21	64.6	14.41	67.8	15.67	69.7	16.55	72.9	17.90
	23.9	56.8	10.19	61.3	11.73	64.6	12.79	67.8	13.90	69.7	14.68	72.9	15.87
	22.2	56.8	9.68	61.3	11.14	64.6	12.14	67.8	13.20	69.7	13.93	72.9	15.06
	21.1	56.8	9.36	61.3	10.77	64.6	11.74	67.8	12.76	69.7	13.46	72.9	14.55
	20.0	56.8	9.05	61.3	10.41	64.6	11.34	67.8	12.33	69.7	13.01	72.9	14.06
	18.3	56.8	8.82	61.3	10.15	64.6	11.06	67.8	12.01	69.7	12.68	72.9	13.70
	16.7	56.8	8.63	61.3	9.93	64.6	10.82	67.8	11.75	69.7	12.40	72.9	13.40
	14.4	56.8	8.41	61.3	9.67	64.6	10.53	67.8	11.44	69.7	12.07	72.9	13.04
	12.2	56.8	8.23	61.3	9.46	64.6	10.30	67.8	11.19	69.7	11.81	72.9	12.75
	10.0	56.8	8.04	61.3	9.24	64.6	10.06	67.8	10.93	69.7	11.53	72.9	12.45
	4.4	56.8	7.83	61.3	8.99	64.6	9.79	67.8	10.63	69.7	11.22	72.9	12.11
	-1.1	56.8	7.65	61.3	8.78	64.6	9.56	67.8	10.38	69.7	10.95	72.9	11.83
	-5.0	56.8	7.52	61.3	8.64	64.6	9.41	67.8	10.21	69.7	10.77	72.9	11.63
	-9.4	56.8	7.39	61.3	8.48	64.6	9.24	67.8	10.03	69.7	10.58	72.9	11.42
	-15.0	56.8	7.25	61.3	8.33	64.6	9.07	67.8	9.85	69.7	10.39	72.9	11.22
120	51.7	31.3	12.91	33.8	14.78	35.6	16.06	37.4	17.41	38.5	18.35	40.2	19.78
	50.0	34.9	13.56	37.7	15.55	39.7	16.92	41.7	18.36	42.8	19.35	44.8	20.88
	47.8	40.1	14.60	43.4	16.79	45.6	18.29	47.9	19.87	49.3	20.97	51.6	22.66
	46.1	44.7	15.55	48.3	17.92	50.8	19.44	53.3	21.25	54.8	22.44	57.4	24.27
	43.3	51.2	16.58	55.3	19.15	58.3	20.91	61.2	22.77	62.9	24.07	65.8	26.06
	41.1	53.4	16.07	57.6	18.56	60.7	20.27	63.7	22.07	65.5	23.33	68.5	25.26
	39.4	54.9	15.67	59.3	18.11	62.4	19.77	65.5	21.53	67.4	22.76	70.5	24.64
	37.2	56.8	15.16	61.3	17.52	64.5	19.13	67.7	20.83	69.7	22.01	72.9	23.83
	35.0	58.5	14.65	63.1	16.92	66.5	18.48	69.8	20.12	71.8	21.27	75.1	23.03
	33.9	58.5	14.13	63.1	16.32	66.5	17.82	69.8	19.40	71.8	20.50	75.1	22.19
	32.8	58.5	13.64	63.1	15.75	66.5	17.19	69.8	18.71	71.8	19.77	75.1	21.40
	30.6	58.5	12.73	63.1	14.69	66.5	16.02	69.8	17.44	71.8	18.42	75.1	19.93
	27.8	58.5	11.68	63.1	13.47	66.5	14.69	69.8	15.98	71.8	16.87	75.1	18.25
	23.9	58.5	10.39	63.1	11.96	66.5	13.04	69.8	14.17	71.8	14.96	75.1	16.18
	22.2	58.5	9.87	63.1	11.36	66.5	12.38	69.8	13.45	71.8	14.20	75.1	15.35
	21.1	58.5	9.54	63.1	10.98	66.5	11.97	69.8	13.01	71.8	13.73	75.1	14.84
	20.0	58.5	9.23	63.1	10.62	66.5	11.57	69.8	12.57	71.8	13.27	75.1	14.34
	18.3	58.5	8.99	63.1	10.35	66.5	11.27	69.8	12.25	71.8	12.93	75.1	13.97
	16.7	58.5	8.80	63.1	10.13	66.5	11.03	69.8	11.99	71.8	12.65	75.1	13.67
	14.4	58.5	8.58	63.1	9.86	66.5	10.74	69.8	11.67	71.8	12.31	75.1	13.30
	12.2	58.5	8.39	63.1	9.65	66.5	10.50	69.8	11.41	71.8	12.04	75.1	13.00
	10.0	58.5	8.20	63.1	9.42	66.5	10.26	69.8	11.14	71.8	11.76	75.1	12.70
	4.4	58.5	7.98	63.1	9.17	66.5	9.98	69.8	10.84	71.8	11.44	75.1	12.35
	-1.1	58.5	7.80	63.1	8.96	66.5	9.75	69.8	10.59	71.8	11.17	75.1	12.06
	-5.0	58.5	7.67	63.1	8.81	66.5	9.59	69.8	10.41	71.8	10.98	75.1	11.86
	-9.4	58.5	7.53	63.1	8.65	66.5	9.42	69.8	10.22	71.8	10.78	75.1	11.65
	-15.0	58.5	7.40	63.1	8.50	66.5	9.25	69.8	10.04	71.8	10.59	75.1	11.44
130	51.7	32.1	13.09	34.7	14.99	36.5	16.29	38.3	17.66	39.4	18.61	40.8	19.88
	50.0	35.7	13.75	38.6	15.77	40.6	17.16	42.7	18.62	43.9	19.63	45.5	20.98
	47.8	41.1	14.81	44.4	17.03	46.7	18.55	49.1	20.15	50.5	21.27	52.3	22.76
	46.1	45.7	15.77	49.4	18.17	52.0	19.72	54.6	21.56	56.1	22.76	58.2	24.39
	43.3	52.5	16.81	56.7	19.42	59.6	21.21	62.6	23.09	64.4	24.41	66.8	26.18
	41.1	54.6	16.30	59.0	18.83	62.1	20.56	65.2	22.39	67.1	23.66	69.5	25.38
	39.4	56.2	15.90	60.7	18.36	63.9	20.05	67.1	21.84	69.0	23.08	71.5	24.76
	37.2	58.1	15.38	62.8	17.76	66.1	19.40	69.4	21.12	71.3	22.32	73.9	23.95
	35.0	59.9	14.86	64.7	17.16	68.1	18.74	71.5	20.41	73.5	21.57	76.2	23.14
	33.9	59.9	14.33	64.7	16.55	68.1	18.07	71.5	19.67	73.5	20.79	76.2	22.29
	32.8	59.9	13.84	64.7	15.97	68.1	17.43	71.5	18.98	73.5	20.05	76.2	21.50
	30.6	59.9	12.91	64.7	14.89	68.1	16.25	71.5	17.68	73.5	18.68	76.2	20.02
	27.8	59.9	11.85	64.7	13.66	68.1	14.90	71.5	16.20	73.5	17.11	76.2	18.33
	23.9	59.9	10.53	64.7	12.13	68.1	13.22	71.5	14.38	73.5	15.18	76.2	16.25
	22.2	59.9	10.01	64.7	11.52	68.1	12.55	71.5	13.65	73.5	14.40	76.2	15.42
	21.1	59.9	9.68	64.7	11.14	68.1	12.14	71.5	13.19	73.5	13.92	76.2	14.91
	20.0	59.9	9.36	64.7	10.77	68.1	11.73	71.5	12.75	73.5	13.46	76.2	14.41
	18.3	59.9	9.12	64.7	10.49	68.1	11.43	71.5	12.42	73.5	13.11	76.2	14.04
	16.7	59.9	8.93	64.7	10.27	68.1	11.19	71.5	12.16	73.5	12.83	76.2	13.73
	14.4	59.9	8.70	64.7	10.00	68.1	10.89	71.5	11.83	73.5	12.48	76.2	13.36
	12.2	59.9	8.51	64.7	9.78	68.1	10.65	71.5	11.57	73.5	12.21	76.2	13.07
	10.0	59.9	8.31	64.7	9.56	68.1	10.41	71.5	11.30	73.5	11.92	76.2	12.76
	4.4	59.9	8.09	64.7	9.30	68.1	10.13	71.5	10.99	73.5	11.60	76.2	12.41
	-1.1	59.9	7.91	64.7	9.08	68.1	9.89	71.5	10.74	73.5	11.32	76.2	12.12
	-5.0	59.9	7.78	64.7	8.94	68.1	9.73	71.5	10.56	73.5	11.14	76.2	11.92
	-9.4	59.9	7.64	64.7	8.77	68.1	9.55	71.5	10.37	73.5	10.94	76.2	11.70
	-15.0	59.9	7.50	64.7	8.62	68.1	9.38	71.5	10.18	73.5	10.74	76.2	11.49

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	26.9	10.83	29.0	12.40	30.5	13.48	32.1	14.61	33.0	15.40	34.5	16.60
	50.0	29.9	11.38	32.3	13.05	34.0	14.20	35.7	15.40	36.7	16.24	38.4	17.52
	47.8	34.4	12.25	37.2	14.09	39.1	15.35	41.1	16.67	42.2	17.59	44.2	19.01
	46.1	38.3	13.05	41.4	15.04	43.5	16.31	45.7	17.83	47.0	18.83	49.2	20.37
	43.3	43.9	13.91	47.4	16.07	49.9	17.55	52.4	19.11	53.9	20.19	56.4	21.86
	41.1	45.7	13.48	49.4	15.58	52.0	17.01	54.6	18.52	56.1	19.57	58.7	21.19
	39.4	47.1	13.15	50.8	15.19	53.5	16.59	56.2	18.07	57.8	19.09	60.4	20.67
	37.2	48.6	12.72	52.5	14.70	55.3	16.05	58.1	17.48	59.7	18.47	62.5	20.00
	35.0	50.1	12.29	54.1	14.20	57.0	15.51	59.8	16.89	61.5	17.84	64.4	19.32
	33.9	50.1	11.86	54.1	13.69	57.0	14.95	59.8	16.28	61.5	17.20	64.4	18.62
	32.8	50.1	11.45	54.1	13.21	57.0	14.42	59.8	15.70	61.5	16.59	64.4	17.95
	30.6	50.1	10.68	54.1	12.32	57.0	13.45	59.8	14.63	61.5	15.45	64.4	16.72
	27.8	50.1	9.80	54.1	11.30	57.0	12.32	59.8	13.41	61.5	14.16	64.4	15.31
	23.9	50.1	8.72	54.1	10.04	57.0	10.94	59.8	11.89	61.5	12.56	64.4	13.57
	22.2	50.1	8.28	54.1	9.53	57.0	10.39	59.8	11.29	61.5	11.92	64.4	12.88
	21.1	50.1	8.01	54.1	9.21	57.0	10.04	59.8	10.91	61.5	11.52	64.4	12.45
	20.0	50.1	7.74	54.1	8.91	57.0	9.71	59.8	10.55	61.5	11.13	64.4	12.03
	18.3	50.1	7.55	54.1	8.68	57.0	9.46	59.8	10.28	61.5	10.85	64.4	11.72
	16.7	50.1	7.39	54.1	8.50	57.0	9.26	59.8	10.06	61.5	10.61	64.4	11.47
	14.4	50.1	7.20	54.1	8.27	57.0	9.01	59.8	9.79	61.5	10.33	64.4	11.16
	12.2	50.1	7.04	54.1	8.09	57.0	8.81	59.8	9.57	61.5	10.10	64.4	10.91
	10.0	50.1	6.88	54.1	7.91	57.0	8.61	59.8	9.35	61.5	9.86	64.4	10.66
	4.4	50.1	6.70	54.1	7.69	57.0	8.38	59.8	9.10	61.5	9.60	64.4	10.36
	-1.1	50.1	6.54	54.1	7.51	57.0	8.18	59.8	8.88	61.5	9.37	64.4	10.12
	-5.0	50.1	6.44	54.1	7.39	57.0	8.05	59.8	8.74	61.5	9.22	64.4	9.95
	-9.4	50.1	6.32	54.1	7.26	57.0	7.90	59.8	8.58	61.5	9.05	64.4	9.77
	-15.0	50.1	6.21	54.1	7.13	57.0	7.76	59.8	8.43	61.5	8.89	64.4	9.60
80	51.7	23.9	9.26	25.8	10.61	27.1	11.53	28.5	12.49	29.3	13.16	30.7	14.19
	50.0	26.6	9.73	28.7	11.16	30.2	12.14	31.7	13.17	32.6	13.88	34.2	14.98
	47.8	30.6	10.47	33.0	12.05	34.8	13.12	36.5	14.26	37.5	15.04	39.3	16.25
	46.1	34.0	11.16	36.8	12.86	38.7	13.95	40.6	15.25	41.8	16.10	43.7	17.41
	43.3	39.0	11.89	42.2	13.74	44.4	15.00	46.6	16.34	47.9	17.26	50.1	18.69
	41.1	40.7	11.53	43.9	13.32	46.2	14.54	48.5	15.84	49.9	16.73	52.2	18.12
	39.4	41.8	11.25	45.2	12.99	47.6	14.19	49.9	15.45	51.3	16.33	53.7	17.68
	37.2	43.2	10.88	46.7	12.57	49.2	13.72	51.6	14.94	53.1	15.79	55.5	17.10
	35.0	44.5	10.51	48.1	12.14	50.6	13.26	53.2	14.44	54.7	15.26	57.2	16.52
	33.9	44.5	10.14	48.1	11.71	50.6	12.78	53.2	13.92	54.7	14.70	57.2	15.92
	32.8	44.5	9.79	48.1	11.30	50.6	12.33	53.2	13.42	54.7	14.18	57.2	15.35
	30.6	44.5	9.13	48.1	10.54	50.6	11.50	53.2	12.51	54.7	13.21	57.2	14.30
	27.8	44.5	8.38	48.1	9.66	50.6	10.54	53.2	11.46	54.7	12.10	57.2	13.09
	23.9	44.5	7.45	48.1	8.58	50.6	9.35	53.2	10.17	54.7	10.73	57.2	11.61
	22.2	44.5	7.08	48.1	8.15	50.6	8.88	53.2	9.65	54.7	10.19	57.2	11.01
	21.1	44.5	6.85	48.1	7.88	50.6	8.59	53.2	9.33	54.7	9.85	57.2	10.64
	20.0	44.5	6.62	48.1	7.62	50.6	8.30	53.2	9.02	54.7	9.52	57.2	10.29
	18.3	44.5	6.45	48.1	7.42	50.6	8.09	53.2	8.79	54.7	9.27	57.2	10.02
	16.7	44.5	6.32	48.1	7.27	50.6	7.91	53.2	8.60	54.7	9.07	57.2	9.80
	14.4	44.5	6.15	48.1	7.07	50.6	7.71	53.2	8.37	54.7	8.83	57.2	9.54
	12.2	44.5	6.02	48.1	6.92	50.6	7.54	53.2	8.19	54.7	8.64	57.2	9.33
	10.0	44.5	5.88	48.1	6.76	50.6	7.36	53.2	7.99	54.7	8.43	57.2	9.11
	4.4	44.5	5.73	48.1	6.58	50.6	7.16	53.2	7.78	54.7	8.20	57.2	8.86
	-1.1	44.5	5.59	48.1	6.43	50.6	6.99	53.2	7.59	54.7	8.01	57.2	8.65
	-5.0	44.5	5.50	48.1	6.32	50.6	6.88	53.2	7.47	54.7	7.88	57.2	8.51
	-9.4	44.5	5.40	48.1	6.21	50.6	6.76	53.2	7.34	54.7	7.74	57.2	8.35
	-15.0	44.5	5.31	48.1	6.10	50.6	6.64	53.2	7.20	54.7	7.60	57.2	8.20
70	51.7	20.9	7.81	22.6	8.94	23.8	9.71	24.9	10.53	25.6	11.09	26.8	11.96
	50.0	23.3	8.20	25.1	9.40	26.5	10.23	27.8	11.10	28.6	11.70	29.9	12.63
	47.8	26.8	8.83	28.9	10.15	30.4	11.06	31.9	12.02	32.9	12.68	34.4	13.70
	46.1	29.8	9.40	32.2	10.84	33.9	11.75	35.6	12.85	36.6	13.57	38.3	14.68
	43.3	34.2	10.02	36.9	11.58	38.8	12.64	40.8	13.77	41.9	14.55	43.9	15.76
	41.1	35.6	9.72	38.4	11.22	40.4	12.26	42.5	13.35	43.7	14.11	45.7	15.27
	39.4	36.6	9.48	39.5	10.95	41.6	11.96	43.7	13.02	44.9	13.76	47.0	14.90
	37.2	37.8	9.17	40.9	10.59	43.0	11.57	45.2	12.59	46.4	13.31	48.6	14.41
	35.0	39.0	8.86	42.1	10.23	44.3	11.17	46.5	12.17	47.8	12.86	50.1	13.92
	33.9	39.0	8.54	42.1	9.87	44.3	10.77	46.5	11.73	47.8	12.39	50.1	13.42
	32.8	39.0	8.25	42.1	9.52	44.3	10.39	46.5	11.31	47.8	11.95	50.1	12.94
	30.6	39.0	7.70	42.1	8.88	44.3	9.69	46.5	10.54	47.8	11.14	50.1	12.05
	27.8	39.0	7.07	42.1	8.14	44.3	8.88	46.5	9.66	47.8	10.20	50.1	11.03
	23.9	39.0	6.28	42.1	7.23	44.3	7.88	46.5	8.57	47.8	9.05	50.1	9.78
	22.2	39.0	5.97	42.1	6.87	44.3	7.48	46.5	8.14	47.8	8.59	50.1	9.28
	21.1	39.0	5.77	42.1	6.64	44.3	7.24	46.5	7.86	47.8	8.30	50.1	8.97
	20.0	39.0	5.58	42.1	6.42	44.3	6.99	46.5	7.60	47.8	8.02	50.1	8.67
	18.3	39.0	5.44	42.1	6.26	44.3	6.82	46.5	7.41	47.8	7.82	50.1	8.45
	16.7	39.0	5.32	42.1	6.12	44.3	6.67	46.5	7.25	47.8	7.65	50.1	8.26
	14.4	39.0	5.19	42.1	5.96	44.3	6.49	46.5	7.05	47.8	7.44	50.1	8.04
	12.2	39.0	5.07	42.1	5.83	44.3	6.35	46.5	6.90	47.8	7.28	50.1	7.86
	10.0	39.0	4.96	42.1	5.70	44.3	6.20	46.5	6.74	47.8	7.11	50.1	7.68
	4.4	39.0	4.83	42.1	5.54	44.3	6.04	46.5	6.56	47.8	6.91	50.1	7.47
	-1.1	39.0	4.71	42.1	5.42	44.3	5.90	46.5	6.40	47.8	6.75	50.1	7.29
	-5.0	39.0	4.64	42.1	5.33	44.3	5.80	46.5	6.30	47.8	6.64	50.1	7.17
	-9.4	39.0	4.55	42.1	5.23	44.3	5.69	46.5	6.18	47.8	6.52	50.1	7.04
	-15.0	39.0	4.47	42.1	5.14	44.3	5.59	46.5	6.07	47.8	6.40	50.1	6.92

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to

COOLING (°C)

MMY-UP2401FT6P-UL/MMY-UP2401FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	33.2	13.86	35.8	15.89	37.7	17.29	39.6	18.77	40.7	19.81	42.6	21.39
	50.0	37.0	14.57	39.9	16.74	42.0	18.24	44.1	19.82	45.4	20.93	47.5	22.63
	47.8	42.5	15.72	45.9	18.12	48.3	19.77	50.7	21.52	52.2	22.75	54.6	24.64
	46.1	47.3	16.77	51.1	19.38	53.8	21.08	56.4	23.09	58.1	24.43	60.7	26.48
	43.3	54.3	17.93	58.6	20.78	61.7	22.74	64.7	24.83	66.6	26.29	69.7	28.54
	41.1	56.5	17.38	61.0	20.14	64.2	22.05	67.4	24.07	69.3	25.49	72.5	27.67
	39.4	58.1	16.95	62.7	19.65	66.0	21.51	69.4	23.48	71.3	24.86	74.6	26.99
	37.2	60.1	16.40	64.9	19.01	68.3	20.80	71.7	22.71	73.7	24.05	77.1	26.11
	35.0	61.9	15.84	66.8	18.36	70.3	20.10	73.9	21.94	76.0	23.24	79.5	25.22
	33.9	61.9	15.28	66.8	17.70	70.3	19.37	73.9	21.14	76.0	22.38	79.5	24.29
	32.8	61.9	14.74	66.8	17.07	70.3	18.67	73.9	20.37	76.0	21.57	79.5	23.40
	30.6	61.9	13.75	66.8	15.90	70.3	17.39	73.9	18.97	76.0	20.07	79.5	21.77
	27.8	61.9	12.61	66.8	14.57	70.3	15.92	73.9	17.36	76.0	18.37	79.5	19.91
	23.9	61.9	11.20	66.8	12.92	70.3	14.12	73.9	15.38	76.0	16.27	79.5	17.62
	22.2	61.9	10.63	66.8	12.27	70.3	13.40	73.9	14.59	76.0	15.43	79.5	16.72
	21.1	61.9	10.28	66.8	11.86	70.3	12.95	73.9	14.10	76.0	14.91	79.5	16.15
	20.0	61.9	9.94	66.8	11.46	70.3	12.51	73.9	13.63	76.0	14.41	79.5	15.60
	18.3	61.9	9.69	66.8	11.17	70.3	12.19	73.9	13.27	76.0	14.03	79.5	15.20
	16.7	61.9	9.48	66.8	10.93	70.3	11.93	73.9	12.98	76.0	13.72	79.5	14.86
	14.4	61.9	9.23	66.8	10.64	70.3	11.61	73.9	12.63	76.0	13.35	79.5	14.46
	12.2	61.9	9.03	66.8	10.40	70.3	11.35	73.9	12.35	76.0	13.05	79.5	14.13
	10.0	61.9	8.82	66.8	10.16	70.3	11.08	73.9	12.06	76.0	12.75	79.5	13.80
	4.4	61.9	8.59	66.8	9.89	70.3	10.78	73.9	11.73	76.0	12.39	79.5	13.41
	-1.1	61.9	8.39	66.8	9.65	70.3	10.53	73.9	11.45	76.0	12.10	79.5	13.09
	-5.0	61.9	8.25	66.8	9.50	70.3	10.35	73.9	11.26	76.0	11.90	79.5	12.87
	-9.4	61.9	8.10	66.8	9.32	70.3	10.17	73.9	11.06	76.0	11.68	79.5	12.64
	-15.0	61.9	7.96	66.8	9.16	70.3	9.98	73.9	10.86	76.0	11.47	79.5	12.41
110	51.7	33.8	14.01	36.5	16.05	38.5	17.47	40.4	18.96	41.5	20.01	43.5	21.61
	50.0	37.7	14.72	40.7	16.91	42.8	18.43	45.0	20.02	46.3	21.15	48.4	22.86
	47.8	43.4	15.88	46.8	18.30	49.3	19.98	51.7	21.74	53.2	22.99	55.7	24.89
	46.1	48.3	16.94	52.1	19.58	54.8	21.30	57.6	23.32	59.2	24.68	62.0	26.75
	43.3	55.3	18.11	59.7	20.99	62.9	22.98	66.0	25.08	67.9	26.56	71.1	28.83
	41.1	57.6	17.56	62.2	20.35	65.5	22.27	68.8	24.31	70.7	25.75	74.0	27.95
	39.4	59.3	17.13	64.0	19.85	67.4	21.73	70.7	23.72	72.8	25.12	76.1	27.26
	37.2	61.3	16.57	66.2	19.20	69.6	21.02	73.1	22.94	75.2	24.30	78.7	26.37
	35.0	63.1	16.01	68.2	18.55	71.7	20.31	75.3	22.17	77.5	23.48	81.1	25.48
	33.9	63.1	15.43	68.2	17.88	71.7	19.56	75.3	21.35	77.5	22.61	81.1	24.54
	32.8	63.1	14.89	68.2	17.24	71.7	18.86	75.3	20.58	77.5	21.79	81.1	23.64
	30.6	63.1	13.89	68.2	16.07	71.7	17.57	75.3	19.16	77.5	20.28	81.1	21.99
	27.8	63.1	12.73	68.2	14.72	71.7	16.09	75.3	17.53	77.5	18.55	81.1	20.11
	23.9	63.1	11.31	68.2	13.06	71.7	14.26	75.3	15.54	77.5	16.43	81.1	17.80
	22.2	63.1	10.74	68.2	12.39	71.7	13.53	75.3	14.74	77.5	15.59	81.1	16.89
	21.1	63.1	10.38	68.2	11.98	71.7	13.08	75.3	14.25	77.5	15.06	81.1	16.32
	20.0	63.1	10.04	68.2	11.58	71.7	12.64	75.3	13.76	77.5	14.55	81.1	15.76
	18.3	63.1	9.79	68.2	11.28	71.7	12.32	75.3	13.41	77.5	14.18	81.1	15.35
	16.7	63.1	9.58	68.2	11.04	71.7	12.05	75.3	13.12	77.5	13.87	81.1	15.01
	14.4	63.1	9.33	68.2	10.75	71.7	11.73	75.3	12.76	77.5	13.49	81.1	14.60
	12.2	63.1	9.12	68.2	10.51	71.7	11.47	75.3	12.48	77.5	13.19	81.1	14.27
	10.0	63.1	8.91	68.2	10.27	71.7	11.20	75.3	12.18	77.5	12.88	81.1	13.94
	4.4	63.1	8.67	68.2	9.99	71.7	10.89	75.3	11.85	77.5	12.52	81.1	13.55
	-1.1	63.1	8.47	68.2	9.75	71.7	10.63	75.3	11.57	77.5	12.22	81.1	13.22
	-5.0	63.1	8.34	68.2	9.59	71.7	10.46	75.3	11.38	77.5	12.02	81.1	13.01
	-9.4	63.1	8.18	68.2	9.42	71.7	10.27	75.3	11.17	77.5	11.80	81.1	12.77
	-15.0	63.1	8.04	68.2	9.25	71.7	10.09	75.3	10.97	77.5	11.59	81.1	12.54
120	51.7	34.8	14.28	37.6	16.37	39.6	17.81	41.6	19.33	42.8	20.40	44.7	22.03
	50.0	38.8	15.01	41.9	17.25	44.1	18.79	46.3	20.42	47.6	21.56	49.8	23.31
	47.8	44.6	16.19	48.2	18.66	50.7	20.37	53.2	22.17	54.8	23.44	57.3	25.38
	46.1	49.7	17.28	53.6	19.96	56.4	21.72	59.3	23.78	61.0	25.16	63.8	27.27
	43.3	57.0	18.47	61.5	21.40	64.7	23.43	68.0	25.57	69.9	27.09	73.2	29.40
	41.1	59.3	17.90	64.0	20.75	67.4	22.71	70.8	24.79	72.8	26.25	76.2	28.50
	39.4	61.0	17.46	65.9	20.24	69.4	22.15	72.8	24.18	74.9	25.61	78.4	27.80
	37.2	63.1	16.89	68.1	19.58	71.7	21.43	75.3	23.39	77.4	24.77	81.0	26.89
	35.0	65.0	16.32	70.2	18.91	73.9	20.70	77.5	22.60	79.8	23.94	83.5	25.98
	33.9	65.0	15.74	70.2	18.23	73.9	19.95	77.5	21.77	79.8	23.05	83.5	25.02
	32.8	65.0	15.18	70.2	17.58	73.9	19.23	77.5	20.99	79.8	22.22	83.5	24.11
	30.6	65.0	14.16	70.2	16.38	73.9	17.91	77.5	19.54	79.8	20.68	83.5	22.43
	27.8	65.0	12.99	70.2	15.01	73.9	16.40	77.5	17.88	79.8	18.92	83.5	20.51
	23.9	65.0	11.53	70.2	13.31	73.9	14.54	77.5	15.84	79.8	16.76	83.5	18.15
	22.2	65.0	10.95	70.2	12.64	73.9	13.80	77.5	15.03	79.8	15.90	83.5	17.22
	21.1	65.0	10.59	70.2	12.22	73.9	13.34	77.5	14.53	79.8	15.36	83.5	16.64
	20.0	65.0	10.24	70.2	11.81	73.9	12.89	77.5	14.04	79.8	14.84	83.5	16.07
	18.3	65.0	9.98	70.2	11.50	73.9	12.56	77.5	13.67	79.8	14.45	83.5	15.65
	16.7	65.0	9.77	70.2	11.26	73.9	12.28	77.5	13.37	79.8	14.14	83.5	15.31
	14.4	65.0	9.51	70.2	10.96	73.9	11.96	77.5	13.01	79.8	13.76	83.5	14.89
	12.2	65.0	9.30	70.2	10.72	73.9	11.69	77.5	12.72	79.8	13.45	83.5	14.56
	10.0	65.0	9.09	70.2	10.47	73.9	11.42	77.5	12.42	79.8	13.13	83.5	14.21
	4.4	65.0	8.84	70.2	10.18	73.9	11.10	77.5	12.08	79.8	12.77	83.5	13.81
	-1.1	65.0	8.64	70.2	9.94	73.9	10.84	77.5	11.79	79.8	12.46	83.5	13.48
	-5.0	65.0	8.50	70.2	9.78	73.9	10.67	77.5	11.60	79.8	12.26	83.5	13.26
	-9.4	65.0	8.35	70.2	9.60	73.9	10.47	77.5	11.39	79.8	12.03	83.5	13.02
	-15.0	65.0	8.20	70.2	9.43	73.9	10.28	77.5	11.19	79.8	11.82	83.5	12.79
130	51.7	35.7	14.48	38.5	16.60	40.5	18.06	42.6	19.61	43.8	20.69	45.4	22.14
	50.0	39.7	15.22	42.9	17.49	45.1	19.05	47.4	20.71	48.8	21.87	50.5	23.42
	47.8	45.7	16.42	49.3	18.93	51.9	20.66	54.5	22.49	56.1	23.77	58.1	25.50
	46.1	50.9	17.52	54.9	20.25	57.8	22.02	60.7	24.12	62.4	25.52	64.7	27.40
	43.3	58.3	18.73	63.0	21.71	66.3	23.76	69.6	25.94	71.6	27.47	74.2	29.54
	41.1	60.7	18.16	65.6	21.04	69.0	23.03	72.5	25.14	74.5	26.63	77.3	28.63
	39.4	62.5	17.71	67.5	20.53	71.0	22.47	74.6	24.53	76.7	25.97	79.5	27.93
	37.2	64.6	17.13	69.7	19.86	73.4	21.73	77.1	23.72	79.3	25.13	82.2	27.02
	35.0	66.5	16.55	71.8	19.18	75.6	21.00	79.4	22.92	81.7	24.28	84.7	26.11
	33.9	66.5	15.96	71.8	18.49	75.6	20.23	79.4	22.08	81.7	23.38	84.7	25.14
	32.8	66.5	15.40	71.8	17.83	75.6	19.51	79.4	21.28	81.7	22.53	84.7	24.22
	30.6	66.5	14.36	71.8	16.61	75.6	18.17	79.4	19.81	81.7	20.97	84.7	22.53
	27.8	66.5	13.17	71.8	15.22	75.6	16.63	79.4	18.13	81.7	19.19	84.7	20.60
	23.9	66.5	11.70	71.8	13.50	75.6	14.75	79.4	16.07	81.7	16.99	84.7	18.24
	22.2	66.5	11.11	71.8	12.82	75.6	14.00	79.4	15.24	81.7	16.12	84.7	17.30
	21.1	66.5	10.74	71.8	12.39	75.6	13.53	79.4	14.73	81.7	15.58	84.7	16.72
	20.0	66.5	10.38	71.8	11.97	75.6	13.07	79.4	14.23	81.7	15.05	84.7	16.15
	18.3	66.5	10.12	71.8	11.67	75.6	12.74	79.4	13.87	81.7	14.66	84.7	15.73
	16.7	66.5	9.90	71.8	11.42	75.6	12.46	79.4	13.56	81.7	14.34	84.7	15.38
	14.4	66.5	9.64	71.8	11.11	75.6	12.13	79.4	13.20	81.7	13.95	84.7	14.96
	12.2	66.5	9.43	71.8	10.87	75.6	11.86	79.4	12.90	81.7	13.64	84.7	14.62
	10.0	66.5	9.22	71.8	10.62	75.6	11.58	79.4	12.60	81.7	13.32	84.7	14.28
	4.4	66.5	8.97	71.8	10.33	75.6	11.26	79.4	12.25	81.7	12.95	84.7	13.88
	-1.1	66.5	8.76	71.8	10.08	75.6	11.00	79.4	11.96	81.7	12.64	84.7	13.55
	-5.0	66.5	8.62	71.8	9.92	75.6	10.82	79.4	11.76	81.7	12.43	84.7	13.32
	-9.4	66.5	8.46	71.8	9.74	75.6	10.62	79.4	11.55	81.7	12.21	84.7	13.08
	-15.0	66.5	8.31	71.8	9.57	75.6	10.43	79.4	11.34	81.7	11.99	84.7	12.85

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	29.9	11.98	32.2	13.74	33.9	14.95	35.6	16.22	36.6	17.12	38.3	18.49
	50.0	33.3	12.60	35.9	14.47	37.8	15.76	39.7	17.13	40.8	18.09	42.7	19.56
	47.8	38.3	13.59	41.3	15.66	43.5	17.09	45.6	18.60	46.9	19.67	49.1	21.29
	46.1	42.6	14.50	46.0	16.75	48.4	18.22	50.8	19.95	52.2	21.11	54.7	22.89
	43.3	48.8	15.50	52.7	17.96	55.5	19.66	58.3	21.46	59.9	22.73	62.7	24.67
	41.1	50.8	15.02	54.9	17.41	57.8	19.06	60.7	20.80	62.4	22.03	65.3	23.91
	39.4	52.3	14.65	56.5	16.98	59.4	18.59	62.4	20.29	64.2	21.49	67.2	23.33
	37.2	54.1	14.17	58.4	16.43	61.4	17.98	64.5	19.63	66.4	20.79	69.4	22.56
	35.0	55.7	13.69	60.1	15.87	63.3	17.37	66.5	18.96	68.4	20.08	71.5	21.80
	33.9	55.7	13.20	60.1	15.30	63.3	16.74	66.5	18.27	68.4	19.34	71.5	20.99
	32.8	55.7	12.74	60.1	14.75	63.3	16.14	66.5	17.61	68.4	18.64	71.5	20.23
	30.6	55.7	11.88	60.1	13.75	63.3	15.03	66.5	16.39	68.4	17.35	71.5	18.82
	27.8	55.7	10.90	60.1	12.59	63.3	13.76	66.5	15.00	68.4	15.87	71.5	17.21
	23.9	55.7	9.68	60.1	11.17	63.3	12.20	66.5	13.29	68.4	14.06	71.5	15.23
	22.2	55.7	9.19	60.1	10.60	63.3	11.58	66.5	12.61	68.4	13.34	71.5	14.45
	21.1	55.7	8.89	60.1	10.25	63.3	11.19	66.5	12.19	68.4	12.89	71.5	13.96
	20.0	55.7	8.59	60.1	9.91	63.3	10.82	66.5	11.78	68.4	12.45	71.5	13.49
	18.3	55.7	8.37	60.1	9.65	63.3	10.54	66.5	11.47	68.4	12.13	71.5	13.13
	16.7	55.7	8.19	60.1	9.45	63.3	10.31	66.5	11.22	68.4	11.86	71.5	12.84
	14.4	55.7	7.98	60.1	9.19	63.3	10.03	66.5	10.92	68.4	11.54	71.5	12.50
	12.2	55.7	7.81	60.1	8.99	63.3	9.81	66.5	10.68	68.4	11.28	71.5	12.21
	10.0	55.7	7.63	60.1	8.78	63.3	9.58	66.5	10.42	68.4	11.02	71.5	11.92
	4.4	55.7	7.42	60.1	8.54	63.3	9.32	66.5	10.14	68.4	10.71	71.5	11.59
	-1.1	55.7	7.25	60.1	8.34	63.3	9.10	66.5	9.90	68.4	10.46	71.5	11.31
	-5.0	55.7	7.13	60.1	8.21	63.3	8.95	66.5	9.73	68.4	10.28	71.5	11.13
	-9.4	55.7	7.00	60.1	8.06	63.3	8.79	66.5	9.56	68.4	10.10	71.5	10.93
	-15.0	55.7	6.88	60.1	7.91	63.3	8.63	66.5	9.39	68.4	9.92	71.5	10.73
80	51.7	26.5	10.24	28.7	11.74	30.2	12.78	31.7	13.87	32.6	14.64	34.1	15.81
	50.0	29.6	10.77	31.9	12.37	33.6	13.48	35.3	14.65	36.3	15.47	38.0	16.72
	47.8	34.0	11.62	36.7	13.39	38.6	14.61	40.6	15.91	41.7	16.81	43.7	18.20
	46.1	37.8	12.40	40.9	14.32	43.0	15.58	45.2	17.06	46.4	18.05	48.6	19.57
	43.3	43.4	13.25	46.9	15.36	49.3	16.81	51.8	18.35	53.3	19.43	55.7	21.09
	41.1	45.2	12.84	48.8	14.88	51.4	16.29	53.9	17.78	55.5	18.83	58.0	20.44
	39.4	46.5	12.53	50.2	14.52	52.8	15.89	55.5	17.35	57.1	18.37	59.7	19.94
	37.2	48.1	12.12	51.9	14.05	54.6	15.37	57.4	16.78	59.0	17.77	61.7	19.29
	35.0	49.5	11.71	53.5	13.57	56.3	14.85	59.1	16.21	60.8	17.17	63.6	18.64
	33.9	49.5	11.29	53.5	13.08	56.3	14.31	59.1	15.62	60.8	16.54	63.6	17.95
	32.8	49.5	10.89	53.5	12.61	56.3	13.80	59.1	15.06	60.8	15.94	63.6	17.29
	30.6	49.5	10.16	53.5	11.75	56.3	12.85	59.1	14.01	60.8	14.83	63.6	16.09
	27.8	49.5	9.32	53.5	10.77	56.3	11.77	59.1	12.83	60.8	13.57	63.6	14.71
	23.9	49.5	8.27	53.5	9.55	56.3	10.43	59.1	11.36	60.8	12.02	63.6	13.02
	22.2	49.5	7.86	53.5	9.07	56.3	9.90	59.1	10.78	60.8	11.40	63.6	12.35
	21.1	49.5	7.60	53.5	8.76	56.3	9.57	59.1	10.42	60.8	11.02	63.6	11.94
	20.0	49.5	7.34	53.5	8.47	56.3	9.25	59.1	10.07	60.8	10.65	63.6	11.53
	18.3	49.5	7.16	53.5	8.25	56.3	9.01	59.1	9.81	60.8	10.37	63.6	11.23
	16.7	49.5	7.01	53.5	8.08	56.3	8.81	59.1	9.59	60.8	10.14	63.6	10.98
	14.4	49.5	6.82	53.5	7.86	56.3	8.58	59.1	9.34	60.8	9.87	63.6	10.68
	12.2	49.5	6.67	53.5	7.69	56.3	8.39	59.1	9.13	60.8	9.65	63.6	10.44
	10.0	49.5	6.52	53.5	7.51	56.3	8.19	59.1	8.91	60.8	9.42	63.6	10.19
	4.4	49.5	6.35	53.5	7.31	56.3	7.97	59.1	8.67	60.8	9.16	63.6	9.91
	-1.1	49.5	6.20	53.5	7.13	56.3	7.78	59.1	8.46	60.8	8.94	63.6	9.67
	-5.0	49.5	6.10	53.5	7.02	56.3	7.65	59.1	8.32	60.8	8.79	63.6	9.51
	-9.4	49.5	5.99	53.5	6.89	56.3	7.51	59.1	8.17	60.8	8.63	63.6	9.34
	-15.0	49.5	5.88	53.5	6.77	56.3	7.38	59.1	8.02	60.8	8.48	63.6	9.17
70	51.7	23.2	8.63	25.1	9.90	26.4	10.77	27.7	11.69	28.5	12.34	29.8	13.32
	50.0	25.9	9.08	27.9	10.43	29.4	11.36	30.9	12.35	31.7	13.04	33.2	14.09
	47.8	29.8	9.79	32.1	11.29	33.8	12.32	35.5	13.41	36.5	14.17	38.2	15.34
	46.1	33.1	10.45	35.7	12.07	37.6	13.13	39.5	14.38	40.6	15.21	42.5	16.49
	43.3	38.0	11.17	41.0	12.94	43.2	14.17	45.3	15.46	46.6	16.38	48.8	17.78
	41.1	39.5	10.82	42.7	12.55	44.9	13.73	47.2	14.99	48.5	15.88	50.8	17.23
	39.4	40.7	10.56	43.9	12.24	46.2	13.40	48.5	14.62	49.9	15.49	52.2	16.81
	37.2	42.1	10.21	45.4	11.84	47.8	12.96	50.2	14.14	51.6	14.98	54.0	16.26
	35.0	43.3	9.87	46.8	11.44	49.2	12.52	51.7	13.67	53.2	14.47	55.6	15.71
	33.9	43.3	9.52	46.8	11.02	49.2	12.06	51.7	13.16	53.2	13.94	55.6	15.13
	32.8	43.3	9.18	46.8	10.63	49.2	11.63	51.7	12.69	53.2	13.44	55.6	14.58
	30.6	43.3	8.56	46.8	9.91	49.2	10.83	51.7	11.81	53.2	12.50	55.6	13.56
	27.8	43.3	7.85	46.8	9.07	49.2	9.92	51.7	10.81	53.2	11.44	55.6	12.40
	23.9	43.3	6.97	46.8	8.05	49.2	8.79	51.7	9.58	53.2	10.13	55.6	10.98
	22.2	43.3	6.62	46.8	7.64	49.2	8.34	51.7	9.09	53.2	9.61	55.6	10.41
	21.1	43.3	6.40	46.8	7.39	49.2	8.07	51.7	8.78	53.2	9.29	55.6	10.06
	20.0	43.3	6.19	46.8	7.14	49.2	7.79	51.7	8.49	53.2	8.97	55.6	9.72
	18.3	43.3	6.03	46.8	6.96	49.2	7.59	51.7	8.27	53.2	8.74	55.6	9.46
	16.7	43.3	5.90	46.8	6.81	49.2	7.43	51.7	8.09	53.2	8.55	55.6	9.26
	14.4	43.3	5.75	46.8	6.63	49.2	7.23	51.7	7.87	53.2	8.32	55.6	9.00
	12.2	43.3	5.62	46.8	6.48	49.2	7.07	51.7	7.69	53.2	8.13	55.6	8.80
	10.0	43.3	5.50	46.8	6.33	49.2	6.90	51.7	7.51	53.2	7.94	55.6	8.59
	4.4	43.3	5.35	46.8	6.16	49.2	6.71	51.7	7.30	53.2	7.72	55.6	8.35
	-1.1	43.3	5.22	46.8	6.01	49.2	6.56	51.7	7.13	53.2	7.54	55.6	8.15
	-5.0	43.3	5.14	46.8	5.91	49.2	6.45	51.7	7.01	53.2	7.41	55.6	8.02
	-9.4	43.3	5.05	46.8	5.81	49.2	6.33	51.7	6.89	53.2	7.28	55.6	7.87
	-15.0	43.3	4.96	46.8	5.70	49.2	6.22	51.7	6.76	53.2	7.15	55.6	7.73

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to

COOLING (°C)

MMY-UP2641FT6P-UL/MMY-UP2641FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	36.5	17.57	39.4	19.79	41.5	21.29	43.5	22.84	44.8	23.91	46.9	25.51
	50.0	40.6	18.28	43.9	20.59	46.2	22.16	48.5	23.79	49.9	24.90	52.2	26.58
	47.8	46.7	19.39	50.3	21.86	53.1	23.53	55.8	25.27	57.4	26.46	60.0	28.26
	46.1	52.0	20.37	56.2	22.98	59.1	24.65	62.1	26.59	63.9	27.85	66.8	29.75
	43.3	59.7	21.34	64.4	24.10	67.8	25.97	71.2	27.90	73.2	29.24	76.6	31.25
	41.1	62.1	20.68	67.1	23.36	70.6	25.17	74.2	27.05	76.3	28.34	79.8	30.29
	39.4	63.9	20.18	69.0	22.78	72.7	24.55	76.3	26.39	78.5	27.65	82.1	29.55
	37.2	66.1	19.52	71.3	22.04	75.1	23.75	78.9	25.52	81.1	26.74	84.9	28.58
	35.0	68.1	18.85	73.5	21.29	77.4	22.94	81.2	24.65	83.6	25.83	87.4	27.61
	33.9	68.1	18.24	73.5	20.60	77.4	22.19	81.2	23.85	83.6	24.99	87.4	26.70
	32.8	68.1	17.66	73.5	19.94	77.4	21.48	81.2	23.08	83.6	24.18	87.4	25.84
	30.6	68.1	16.57	73.5	18.70	77.4	20.14	81.2	21.64	83.6	22.67	87.4	24.22
	27.8	68.1	15.29	73.5	17.25	77.4	18.58	81.2	19.96	83.6	20.91	87.4	22.34
	23.9	68.1	13.68	73.5	15.43	77.4	16.61	81.2	17.84	83.6	18.69	87.4	19.96
	22.2	68.1	13.02	73.5	14.69	77.4	15.81	81.2	16.98	83.6	17.79	87.4	19.00
	21.1	68.1	12.61	73.5	14.22	77.4	15.31	81.2	16.44	83.6	17.22	87.4	18.39
	20.0	68.1	12.20	73.5	13.76	77.4	14.82	81.2	15.92	83.6	16.67	87.4	17.80
	18.3	68.1	11.92	73.5	13.44	77.4	14.47	81.2	15.54	83.6	16.28	87.4	17.38
	16.7	68.1	11.68	73.5	13.18	77.4	14.19	81.2	15.23	83.6	15.95	87.4	17.03
	14.4	68.1	11.40	73.5	12.85	77.4	13.84	81.2	14.86	83.6	15.56	87.4	16.62
	12.2	68.1	11.17	73.5	12.59	77.4	13.56	81.2	14.56	83.6	15.24	87.4	16.28
	10.0	68.1	10.93	73.5	12.32	77.4	13.26	81.2	14.24	83.6	14.91	87.4	15.92
	4.4	68.1	10.66	73.5	12.02	77.4	12.93	81.2	13.89	83.6	14.54	87.4	15.52
	-1.1	68.1	10.42	73.5	11.75	77.4	12.65	81.2	13.58	83.6	14.22	87.4	15.18
	-5.0	68.1	10.26	73.5	11.56	77.4	12.45	81.2	13.36	83.6	13.99	87.4	14.94
	-9.4	68.1	10.08	73.5	11.36	77.4	12.23	81.2	13.12	83.6	13.74	87.4	14.67
	-15.0	68.1	9.90	73.5	11.16	77.4	12.01	81.2	12.89	83.6	13.50	87.4	14.41
110	51.7	37.2	17.75	40.2	19.99	42.3	21.51	44.4	23.08	45.7	24.15	47.8	25.77
	50.0	41.5	18.47	44.8	20.80	47.1	22.39	49.5	24.03	50.9	25.16	53.2	26.85
	47.8	47.7	19.58	51.5	22.08	54.2	23.77	56.9	25.53	58.5	26.73	61.2	28.55
	46.1	53.1	20.57	57.3	23.21	60.3	24.90	63.3	26.86	65.1	28.13	68.1	30.05
	43.3	60.9	21.56	65.7	24.34	69.2	26.23	72.6	28.19	74.7	29.54	78.2	31.57
	41.1	63.4	20.90	68.4	23.60	72.0	25.43	75.6	27.33	77.8	28.63	81.4	30.60
	39.4	65.2	20.38	70.4	23.02	74.1	24.80	77.8	26.66	80.0	27.93	83.7	29.85
	37.2	67.4	19.72	72.8	22.26	76.6	23.99	80.4	25.78	82.7	27.01	86.6	28.87
	35.0	69.4	19.04	75.0	21.51	78.9	23.17	82.9	24.91	85.2	26.10	89.2	27.89
	33.9	69.4	18.43	75.0	20.81	78.9	22.42	82.9	24.09	85.2	25.24	89.2	26.98
	32.8	69.4	17.84	75.0	20.14	78.9	21.70	82.9	23.32	85.2	24.43	89.2	26.11
	30.6	69.4	16.74	75.0	18.89	78.9	20.35	82.9	21.86	85.2	22.90	89.2	24.47
	27.8	69.4	15.45	75.0	17.43	78.9	18.77	82.9	20.17	85.2	21.12	89.2	22.57
	23.9	69.4	13.82	75.0	15.58	78.9	16.78	82.9	18.03	85.2	18.88	89.2	20.17
	22.2	69.4	13.15	75.0	14.84	78.9	15.98	82.9	17.16	85.2	17.97	89.2	19.19
	21.1	69.4	12.74	75.0	14.36	78.9	15.47	82.9	16.61	85.2	17.40	89.2	18.58
	20.0	69.4	12.33	75.0	13.90	78.9	14.97	82.9	16.08	85.2	16.84	89.2	17.98
	18.3	69.4	12.04	75.0	13.58	78.9	14.62	82.9	15.70	85.2	16.44	89.2	17.56
	16.7	69.4	11.80	75.0	13.31	78.9	14.33	82.9	15.39	85.2	16.11	89.2	17.21
	14.4	69.4	11.52	75.0	12.99	78.9	13.98	82.9	15.01	85.2	15.72	89.2	16.79
	12.2	69.4	11.28	75.0	12.72	78.9	13.70	82.9	14.71	85.2	15.40	89.2	16.44
	10.0	69.4	11.04	75.0	12.44	78.9	13.40	82.9	14.38	85.2	15.06	89.2	16.08
	4.4	69.4	10.77	75.0	12.14	78.9	13.07	82.9	14.03	85.2	14.69	89.2	15.68
	-1.1	69.4	10.53	75.0	11.87	78.9	12.78	82.9	13.72	85.2	14.36	89.2	15.33
	-5.0	69.4	10.36	75.0	11.68	78.9	12.57	82.9	13.50	85.2	14.13	89.2	15.09
	-9.4	69.4	10.18	75.0	11.47	78.9	12.35	82.9	13.26	85.2	13.88	89.2	14.82
	-15.0	69.4	10.00	75.0	11.27	78.9	12.13	82.9	13.02	85.2	13.64	89.2	14.56
120	51.7	38.3	18.10	41.4	20.38	43.5	21.93	45.7	23.53	47.0	24.63	49.2	26.28
	50.0	42.7	18.83	46.1	21.21	48.5	22.83	50.9	24.50	52.4	25.65	54.8	27.38
	47.8	49.1	19.97	53.0	22.52	55.8	24.24	58.6	26.03	60.2	27.26	63.0	29.11
	46.1	54.6	20.98	59.0	23.67	62.1	25.39	65.2	27.38	67.0	28.68	70.2	30.64
	43.3	62.7	21.98	67.6	24.82	71.2	26.75	74.8	28.74	76.9	30.12	80.5	32.19
	41.1	65.3	21.31	70.4	24.06	74.2	25.93	77.9	27.86	80.1	29.19	83.8	31.20
	39.4	67.1	20.78	72.5	23.47	76.3	25.29	80.1	27.18	82.4	28.48	86.2	30.44
	37.2	69.4	20.10	74.9	22.70	78.9	24.46	82.8	26.29	85.2	27.54	89.1	29.44
	35.0	71.5	19.42	77.2	21.93	81.2	23.63	85.3	25.39	87.7	26.61	91.8	28.44
	33.9	71.5	18.79	77.2	21.22	81.2	22.86	85.3	24.57	87.7	25.74	91.8	27.51
	32.8	71.5	18.19	77.2	20.54	81.2	22.13	85.3	23.78	87.7	24.91	91.8	26.62
	30.6	71.5	17.07	77.2	19.26	81.2	20.75	85.3	22.29	87.7	23.35	91.8	24.95
	27.8	71.5	15.75	77.2	17.77	81.2	19.14	85.3	20.56	87.7	21.54	91.8	23.01
	23.9	71.5	14.09	77.2	15.89	81.2	17.11	85.3	18.38	87.7	19.25	91.8	20.56
	22.2	71.5	13.41	77.2	15.13	81.2	16.29	85.3	17.49	87.7	18.32	91.8	19.57
	21.1	71.5	12.99	77.2	14.65	81.2	15.77	85.3	16.94	87.7	17.74	91.8	18.95
	20.0	71.5	12.57	77.2	14.18	81.2	15.27	85.3	16.39	87.7	17.17	91.8	18.34
	18.3	71.5	12.28	77.2	13.85	81.2	14.91	85.3	16.01	87.7	16.76	91.8	17.90
	16.7	71.5	12.04	77.2	13.57	81.2	14.61	85.3	15.69	87.7	16.43	91.8	17.55
	14.4	71.5	11.74	77.2	13.24	81.2	14.25	85.3	15.31	87.7	16.03	91.8	17.12
	12.2	71.5	11.51	77.2	12.97	81.2	13.96	85.3	14.99	87.7	15.70	91.8	16.77
	10.0	71.5	11.26	77.2	12.69	81.2	13.66	85.3	14.67	87.7	15.36	91.8	16.40
	4.4	71.5	10.98	77.2	12.38	81.2	13.32	85.3	14.30	87.7	14.98	91.8	15.99
	-1.1	71.5	10.74	77.2	12.10	81.2	13.03	85.3	13.99	87.7	14.64	91.8	15.64
	-5.0	71.5	10.57	77.2	11.91	81.2	12.82	85.3	13.76	87.7	14.41	91.8	15.39
	-9.4	71.5	10.38	77.2	11.70	81.2	12.59	85.3	13.52	87.7	14.15	91.8	15.11
	-15.0	71.5	10.20	77.2	11.49	81.2	12.37	85.3	13.28	87.7	13.90	91.8	14.84
130	51.7	39.2	18.36	42.4	20.67	44.6	22.24	46.8	23.86	48.1	24.98	49.9	26.41
	50.0	43.7	19.09	47.2	21.51	49.7	23.15	52.1	24.85	53.6	26.01	55.6	27.51
	47.8	50.3	20.25	54.3	22.83	57.1	24.58	60.0	26.40	61.7	27.64	63.9	29.25
	46.1	55.9	21.28	60.4	24.00	63.6	25.75	66.7	27.77	68.6	29.09	71.2	30.79
	43.3	64.2	22.29	69.3	25.17	72.9	27.13	76.6	29.15	78.7	30.54	81.6	32.34
	41.1	66.8	21.61	72.1	24.40	75.9	26.29	79.7	28.26	82.0	29.61	85.0	31.35
	39.4	68.7	21.08	74.2	23.80	78.1	25.65	82.0	27.57	84.3	28.88	87.4	30.58
	37.2	71.0	20.39	76.7	23.02	80.7	24.81	84.8	26.66	87.2	27.94	90.4	29.58
	35.0	73.2	19.69	79.0	22.24	83.2	23.96	87.3	25.75	89.8	26.99	93.1	28.57
	33.9	73.2	19.06	79.0	21.52	83.2	23.19	87.3	24.92	89.8	26.10	93.1	27.64
	32.8	73.2	18.45	79.0	20.83	83.2	22.44	87.3	24.11	89.8	25.26	93.1	26.75
	30.6	73.2	17.31	79.0	19.53	83.2	21.04	87.3	22.61	89.8	23.68	93.1	25.07
	27.8	73.2	15.97	79.0	18.02	83.2	19.41	87.3	20.85	89.8	21.84	93.1	23.12
	23.9	73.2	14.29	79.0	16.12	83.2	17.36	87.3	18.64	89.8	19.52	93.1	20.66
	22.2	73.2	13.60	79.0	15.34	83.2	16.52	87.3	17.74	89.8	18.58	93.1	19.66
	21.1	73.2	13.17	79.0	14.85	83.2	16.00	87.3	17.18	89.8	17.99	93.1	19.04
	20.0	73.2	12.75	79.0	14.38	83.2	15.48	87.3	16.63	89.8	17.41	93.1	18.42
	18.3	73.2	12.45	79.0	14.04	83.2	15.12	87.3	16.24	89.8	17.00	93.1	17.99
	16.7	73.2	12.21	79.0	13.76	83.2	14.82	87.3	15.91	89.8	16.66	93.1	17.63
	14.4	73.2	11.91	79.0	13.43	83.2	14.46	87.3	15.52	89.8	16.26	93.1	17.20
	12.2	73.2	11.67	79.0	13.16	83.2	14.16	87.3	15.21	89.8	15.92	93.1	16.84
	10.0	73.2	11.42	79.0	12.87	83.2	13.85	87.3	14.87	89.8	15.57	93.1	16.48
	4.4	73.2	11.14	79.0	12.55	83.2	13.51	87.3	14.51	89.8	15.19	93.1	16.07
	-1.1	73.2	10.89	79.0	12.27	83.2	13.21	87.3	14.18	89.8	14.85	93.1	15.71
	-5.0	73.2	10.72	79.0	12.08	83.2	13.00	87.3	13.96	89.8	14.62	93.1	15.46
	-9.4	73.2	10.53	79.0	11.86	83.2	12.77	87.3	13.71	89.8	14.36	93.1	15.18
	-15.0	73.2	10.34	79.0	11.65	83.2	12.54	87.3	13.47	89.8	14.10	93.1	14.91

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	32.8	15.19	35.5	17.10	37.3	18.40	39.2	19.74	40.3	20.66	42.2	22.05
	50.0	36.6	15.80	39.5	17.80	41.6	19.15	43.7	20.56	44.9	21.52	47.0	22.97
	47.8	42.1	16.76	45.4	18.89	47.8	20.34	50.2	21.84	51.6	22.87	54.0	24.42
	46.1	46.8	17.60	50.6	19.86	53.2	21.30	55.9	22.98	57.5	24.07	60.1	25.71
	43.3	53.7	18.44	58.0	20.83	61.0	22.44	64.1	24.12	65.9	25.27	69.0	27.01
	41.1	55.9	17.88	60.4	20.19	63.6	21.75	66.7	23.38	68.6	24.50	71.8	26.18
	39.4	57.5	17.44	62.1	19.69	65.4	21.22	68.7	22.81	70.6	23.90	73.9	25.54
	37.2	59.5	16.87	64.2	19.05	67.6	20.53	71.0	22.06	73.0	23.11	76.4	24.70
	35.0	61.3	16.29	66.2	18.40	69.6	19.83	73.1	21.31	75.2	22.33	78.7	23.86
	33.9	61.3	15.77	66.2	17.80	69.6	19.18	73.1	20.61	75.2	21.60	78.7	23.08
	32.8	61.3	15.27	66.2	17.23	69.6	18.57	73.1	19.95	75.2	20.90	78.7	22.34
	30.6	61.3	14.32	66.2	16.16	69.6	17.41	73.1	18.71	75.2	19.60	78.7	20.94
	27.8	61.3	13.22	66.2	14.91	69.6	16.06	73.1	17.25	75.2	18.07	78.7	19.31
	23.9	61.3	11.82	66.2	13.33	69.6	14.36	73.1	15.42	75.2	16.15	78.7	17.25
	22.2	61.3	11.25	66.2	12.69	69.6	13.67	73.1	14.68	75.2	15.37	78.7	16.42
	21.1	61.3	10.90	66.2	12.29	69.6	13.23	73.1	14.21	75.2	14.88	78.7	15.90
	20.0	61.3	10.55	66.2	11.90	69.6	12.81	73.1	13.76	75.2	14.41	78.7	15.39
	18.3	61.3	10.30	66.2	11.62	69.6	12.51	73.1	13.43	75.2	14.07	78.7	15.02
	16.7	61.3	10.10	66.2	11.39	69.6	12.26	73.1	13.17	75.2	13.79	78.7	14.72
	14.4	61.3	9.85	66.2	11.11	69.6	11.96	73.1	12.84	75.2	13.45	78.7	14.36
	12.2	61.3	9.65	66.2	10.88	69.6	11.72	73.1	12.58	75.2	13.17	78.7	14.07
	10.0	61.3	9.44	66.2	10.65	69.6	11.46	73.1	12.31	75.2	12.89	78.7	13.76
	4.4	61.3	9.21	66.2	10.39	69.6	11.18	73.1	12.00	75.2	12.57	78.7	13.42
	-1.1	61.3	9.01	66.2	10.16	69.6	10.93	73.1	11.74	75.2	12.29	78.7	13.12
	-5.0	61.3	8.87	66.2	9.99	69.6	10.76	73.1	11.55	75.2	12.09	78.7	12.91
	-9.4	61.3	8.71	66.2	9.82	69.6	10.57	73.1	11.34	75.2	11.88	78.7	12.68
	-15.0	61.3	8.56	66.2	9.64	69.6	10.38	73.1	11.14	75.2	11.67	78.7	12.46
80	51.7	29.2	12.99	31.5	14.62	33.2	15.73	34.8	16.88	35.8	17.67	37.5	18.85
	50.0	32.5	13.51	35.1	15.22	37.0	16.38	38.8	17.58	39.9	18.40	41.8	19.64
	47.8	37.4	14.33	40.4	16.15	42.5	17.39	44.6	18.67	45.9	19.56	48.0	20.88
	46.1	41.6	15.05	44.9	16.98	47.3	18.22	49.7	19.65	51.1	20.58	53.5	21.98
	43.3	47.7	15.77	51.5	17.81	54.3	19.19	57.0	20.62	58.6	21.61	61.3	23.09
	41.1	49.7	15.29	53.7	17.26	56.5	18.60	59.3	19.99	61.0	20.94	63.8	22.38
	39.4	51.1	14.91	55.2	16.84	58.1	18.14	61.0	19.50	62.8	20.43	65.7	21.84
	37.2	52.9	14.42	57.1	16.29	60.1	17.55	63.1	18.86	64.9	19.76	67.9	21.12
	35.0	54.5	13.93	58.8	15.73	61.9	16.95	65.0	18.22	66.8	19.09	69.9	20.40
	33.9	54.5	13.48	58.8	15.22	61.9	16.40	65.0	17.62	66.8	18.47	69.9	19.73
	32.8	54.5	13.05	58.8	14.73	61.9	15.87	65.0	17.06	66.8	17.87	69.9	19.10
	30.6	54.5	12.24	58.8	13.82	61.9	14.89	65.0	15.99	66.8	16.75	69.9	17.90
	27.8	54.5	11.30	58.8	12.75	61.9	13.73	65.0	14.75	66.8	15.45	69.9	16.51
	23.9	54.5	10.11	58.8	11.40	61.9	12.28	65.0	13.19	66.8	13.81	69.9	14.75
	22.2	54.5	9.62	58.8	10.85	61.9	11.69	65.0	12.55	66.8	13.14	69.9	14.04
	21.1	54.5	9.32	58.8	10.51	61.9	11.31	65.0	12.15	66.8	12.73	69.9	13.59
	20.0	54.5	9.02	58.8	10.17	61.9	10.95	65.0	11.76	66.8	12.32	69.9	13.15
	18.3	54.5	8.81	58.8	9.93	61.9	10.69	65.0	11.48	66.8	12.03	69.9	12.84
	16.7	54.5	8.63	58.8	9.74	61.9	10.48	65.0	11.26	66.8	11.79	69.9	12.59
	14.4	54.5	8.43	58.8	9.50	61.9	10.23	65.0	10.98	66.8	11.50	69.9	12.28
	12.2	54.5	8.25	58.8	9.31	61.9	10.02	65.0	10.76	66.8	11.26	69.9	12.03
	10.0	54.5	8.07	58.8	9.10	61.9	9.80	65.0	10.52	66.8	11.02	69.9	11.76
	4.4	54.5	7.88	58.8	8.88	61.9	9.56	65.0	10.26	66.8	10.74	69.9	11.47
	-1.1	54.5	7.70	58.8	8.68	61.9	9.35	65.0	10.03	66.8	10.51	69.9	11.22
	-5.0	54.5	7.58	58.8	8.55	61.9	9.20	65.0	9.87	66.8	10.34	69.9	11.04
	-9.4	54.5	7.45	58.8	8.39	61.9	9.03	65.0	9.70	66.8	10.15	69.9	10.84
	-15.0	54.5	7.31	58.8	8.24	61.9	8.87	65.0	9.53	66.8	9.97	69.9	10.65
70	51.7	25.5	10.95	27.6	12.33	29.0	13.26	30.5	14.23	31.4	14.89	32.8	15.89
	50.0	28.5	11.38	30.7	12.83	32.3	13.80	34.0	14.82	34.9	15.51	36.5	16.56
	47.8	32.7	12.07	35.3	13.61	37.2	14.66	39.0	15.74	40.2	16.48	42.0	17.60
	46.1	36.4	12.68	39.3	14.31	41.4	15.35	43.5	16.56	44.7	17.34	46.8	18.53
	43.3	41.8	13.29	45.1	15.01	47.5	16.17	49.8	17.38	51.3	18.21	53.6	19.46
	41.1	43.5	12.88	47.0	14.55	49.4	15.68	51.9	16.85	53.4	17.65	55.9	18.87
	39.4	44.8	12.57	48.3	14.19	50.9	15.29	53.4	16.43	54.9	17.22	57.5	18.40
	37.2	46.3	12.16	49.9	13.73	52.6	14.79	55.2	15.90	56.8	16.66	59.4	17.80
	35.0	47.7	11.74	51.5	13.26	54.2	14.29	56.9	15.36	58.5	16.09	61.2	17.20
	33.9	47.7	11.36	51.5	12.83	54.2	13.82	56.9	14.86	58.5	15.56	61.2	16.63
	32.8	47.7	11.00	51.5	12.42	54.2	13.38	56.9	14.38	58.5	15.06	61.2	16.10
	30.6	47.7	10.32	51.5	11.65	54.2	12.55	56.9	13.48	58.5	14.12	61.2	15.09
	27.8	47.7	9.52	51.5	10.75	54.2	11.57	56.9	12.43	58.5	13.02	61.2	13.91
	23.9	47.7	8.52	51.5	9.61	54.2	10.35	56.9	11.11	58.5	11.64	61.2	12.43
	22.2	47.7	8.11	51.5	9.15	54.2	9.85	56.9	10.58	58.5	11.08	61.2	11.83
	21.1	47.7	7.85	51.5	8.86	54.2	9.54	56.9	10.24	58.5	10.73	61.2	11.46
	20.0	47.7	7.60	51.5	8.57	54.2	9.23	56.9	9.91	58.5	10.38	61.2	11.09
	18.3	47.7	7.42	51.5	8.37	54.2	9.01	56.9	9.68	58.5	10.14	61.2	10.83
	16.7	47.7	7.28	51.5	8.21	54.2	8.84	56.9	9.49	58.5	9.93	61.2	10.61
	14.4	47.7	7.10	51.5	8.01	54.2	8.62	56.9	9.26	58.5	9.69	61.2	10.35
	12.2	47.7	6.96	51.5	7.84	54.2	8.44	56.9	9.07	58.5	9.49	61.2	10.14
	10.0	47.7	6.81	51.5	7.67	54.2	8.26	56.9	8.87	58.5	9.29	61.2	9.91
	4.4	47.7	6.64	51.5	7.48	54.2	8.06	56.9	8.65	58.5	9.06	61.2	9.67
	-1.1	47.7	6.49	51.5	7.32	54.2	7.88	56.9	8.46	58.5	8.85	61.2	9.45
	-5.0	47.7	6.39	51.5	7.20	54.2	7.75	56.9	8.32	58.5	8.71	61.2	9.30
	-9.4	47.7	6.28	51.5	7.07	54.2	7.61	56.9	8.17	58.5	8.56	61.2	9.14
	-15.0	47.7	6.17	51.5	6.95	54.2	7.48	56.9	8.03	58.5	8.41	61.2	8.98

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP2881FT6P-UL/MMY-UP2881FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	39.8	18.42	43.0	20.94	45.2	22.65	47.5	24.45	48.9	25.69	51.1	27.58
	50.0	44.3	19.26	47.9	21.92	50.4	23.74	52.9	25.64	54.4	26.95	56.9	28.95
	47.8	51.0	20.61	55.1	23.50	58.0	25.47	60.9	27.53	62.6	28.96	65.5	31.13
	46.1	56.8	21.82	61.3	24.91	64.5	26.93	67.7	29.24	69.7	30.77	72.9	33.11
	43.3	65.1	23.09	70.3	26.41	74.0	28.68	77.7	31.06	79.9	32.71	83.6	35.22
	41.1	67.8	22.38	73.2	25.60	77.0	27.80	80.9	30.10	83.2	31.70	87.0	34.14
	39.4	69.7	21.83	75.3	24.97	79.3	27.12	83.2	29.37	85.6	30.93	89.6	33.31
	37.2	72.1	21.12	77.8	24.16	81.9	26.23	86.0	28.40	88.5	29.91	92.6	32.22
	35.0	74.3	20.40	80.2	23.34	84.4	25.34	88.6	27.44	91.1	28.90	95.4	31.12
	33.9	74.3	19.71	80.2	22.54	84.4	24.47	88.6	26.49	91.1	27.90	95.4	30.04
	32.8	74.3	19.05	80.2	21.78	84.4	23.64	88.6	25.59	91.1	26.94	95.4	29.01
	30.6	74.3	17.82	80.2	20.36	84.4	22.09	88.6	23.91	91.1	25.17	95.4	27.09
	27.8	74.3	16.39	80.2	18.72	84.4	20.30	88.6	21.97	91.1	23.12	95.4	24.88
	23.9	74.3	14.61	80.2	16.67	84.4	18.08	88.6	19.55	91.1	20.57	95.4	22.13
	22.2	74.3	13.89	80.2	15.85	84.4	17.18	88.6	18.58	91.1	19.55	95.4	21.03
	21.1	74.3	13.44	80.2	15.33	84.4	16.62	88.6	17.97	91.1	18.91	95.4	20.34
	20.0	74.3	13.00	80.2	14.83	84.4	16.08	88.6	17.38	91.1	18.29	95.4	19.67
	18.3	74.3	12.68	80.2	14.47	84.4	15.68	88.6	16.95	91.1	17.84	95.4	19.18
	16.7	74.3	12.42	80.2	14.17	84.4	15.36	88.6	16.60	91.1	17.46	95.4	18.77
	14.4	74.3	12.11	80.2	13.81	84.4	14.96	88.6	16.17	91.1	17.01	95.4	18.29
	12.2	74.3	11.86	80.2	13.51	84.4	14.64	88.6	15.83	91.1	16.65	95.4	17.90
	10.0	74.3	11.59	80.2	13.21	84.4	14.31	88.6	15.47	91.1	16.27	95.4	17.49
	4.4	74.3	11.29	80.2	12.87	84.4	13.94	88.6	15.07	91.1	15.84	95.4	17.03
	-1.1	74.3	11.04	80.2	12.57	84.4	13.62	88.6	14.72	91.1	15.48	95.4	16.63
	-5.0	74.3	10.86	80.2	12.37	84.4	13.40	88.6	14.48	91.1	15.23	95.4	16.37
	-9.4	74.3	10.67	80.2	12.15	84.4	13.16	88.6	14.22	91.1	14.96	95.4	16.07
	-15.0	74.3	10.48	80.2	11.93	84.4	12.93	88.6	13.97	91.1	14.69	95.4	15.78
110	51.7	40.6	18.60	43.8	21.15	46.1	22.88	48.5	24.70	49.8	25.95	52.1	27.86
	50.0	45.2	19.46	48.8	22.15	51.4	23.98	54.0	25.90	55.5	27.23	58.1	29.24
	47.8	52.0	20.82	56.2	23.74	59.1	25.73	62.1	27.81	63.8	29.26	66.8	31.45
	46.1	57.9	22.04	62.5	25.17	65.8	27.20	69.1	29.54	71.1	31.09	74.3	33.45
	43.3	66.4	23.32	71.7	26.68	75.5	28.97	79.2	31.37	81.5	33.04	85.3	35.58
	41.1	69.1	22.61	74.7	25.86	78.6	28.08	82.5	30.41	84.9	32.03	88.8	34.49
	39.4	71.1	22.06	76.8	25.23	80.8	27.40	84.9	29.67	87.3	31.24	91.3	33.65
	37.2	73.5	21.33	79.4	24.40	83.6	26.50	87.7	28.70	90.2	30.22	94.4	32.54
	35.0	75.8	20.61	81.8	23.57	86.1	25.60	90.4	27.72	93.0	29.20	97.3	31.44
	33.9	75.8	19.91	81.8	22.77	86.1	24.72	90.4	26.76	93.0	28.18	97.3	30.34
	32.8	75.8	19.24	81.8	22.00	86.1	23.88	90.4	25.85	93.0	27.22	97.3	29.30
	30.6	75.8	18.00	81.8	20.56	86.1	22.32	90.4	24.15	93.0	25.43	97.3	27.37
	27.8	75.8	16.56	81.8	18.91	86.1	20.51	90.4	22.19	93.0	23.36	97.3	25.13
	23.9	75.8	14.76	81.8	16.84	86.1	18.26	90.4	19.75	93.0	20.78	97.3	22.36
	22.2	75.8	14.03	81.8	16.01	86.1	17.36	90.4	18.77	93.0	19.75	97.3	21.24
	21.1	75.8	13.58	81.8	15.49	86.1	16.79	90.4	18.16	93.0	19.10	97.3	20.54
	20.0	75.8	13.13	81.8	14.98	86.1	16.24	90.4	17.56	93.0	18.47	97.3	19.87
	18.3	75.8	12.81	81.8	14.61	86.1	15.84	90.4	17.13	93.0	18.02	97.3	19.37
	16.7	75.8	12.55	81.8	14.31	86.1	15.51	90.4	16.77	93.0	17.64	97.3	18.97
	14.4	75.8	12.23	81.8	13.95	86.1	15.12	90.4	16.34	93.0	17.19	97.3	18.48
	12.2	75.8	11.98	81.8	13.65	86.1	14.79	90.4	15.99	93.0	16.82	97.3	18.08
	10.0	75.8	11.71	81.8	13.34	86.1	14.46	90.4	15.63	93.0	16.44	97.3	17.67
	4.4	75.8	11.41	81.8	13.00	86.1	14.08	90.4	15.22	93.0	16.01	97.3	17.20
	-1.1	75.8	11.15	81.8	12.70	86.1	13.76	90.4	14.87	93.0	15.64	97.3	16.80
	-5.0	75.8	10.97	81.8	12.50	86.1	13.54	90.4	14.63	93.0	15.38	97.3	16.53
	-9.4	75.8	10.77	81.8	12.27	86.1	13.30	90.4	14.37	93.0	15.11	97.3	16.24
	-15.0	75.8	10.58	81.8	12.06	86.1	13.06	90.4	14.11	93.0	14.84	97.3	15.95
120	51.7	41.8	18.97	45.1	21.56	47.5	23.33	49.9	25.18	51.3	26.46	53.7	28.40
	50.0	46.6	19.84	50.3	22.58	52.9	24.45	55.6	26.41	57.1	27.76	59.8	29.82
	47.8	53.5	21.23	57.8	24.20	60.9	26.23	63.9	28.36	65.7	29.83	68.8	32.07
	46.1	59.6	22.47	64.3	25.66	67.7	27.74	71.1	30.12	73.1	31.70	76.5	34.10
	43.3	68.4	23.78	73.8	27.20	77.7	29.54	81.6	31.99	83.9	33.69	87.8	36.28
	41.1	71.2	23.05	76.9	26.37	80.9	28.63	84.9	31.01	87.4	32.66	91.4	35.17
	39.4	73.2	22.49	79.1	25.72	83.2	27.93	87.4	30.25	89.9	31.86	94.0	34.31
	37.2	75.7	21.75	81.7	24.88	86.0	27.02	90.3	29.26	92.9	30.81	97.2	33.18
	35.0	78.0	21.01	84.2	24.04	88.6	26.10	93.1	28.27	95.7	29.77	100.1	32.06
	33.9	78.0	20.30	84.2	23.21	88.6	25.20	93.1	27.29	95.7	28.74	100.1	30.94
	32.8	78.0	19.62	84.2	22.43	88.6	24.35	93.1	26.36	95.7	27.75	100.1	29.88
	30.6	78.0	18.35	84.2	20.97	88.6	22.75	93.1	24.63	95.7	25.93	100.1	27.90
	27.8	78.0	16.88	84.2	19.28	88.6	20.91	93.1	22.63	95.7	23.82	100.1	25.63
	23.9	78.0	15.05	84.2	17.17	88.6	18.62	93.1	20.14	95.7	21.19	100.1	22.79
	22.2	78.0	14.31	84.2	16.32	88.6	17.70	93.1	19.14	95.7	20.14	100.1	21.66
	21.1	78.0	13.84	84.2	15.79	88.6	17.12	93.1	18.51	95.7	19.48	100.1	20.95
	20.0	78.0	13.39	84.2	15.27	88.6	16.56	93.1	17.90	95.7	18.84	100.1	20.26
	18.3	78.0	13.07	84.2	14.90	88.6	16.15	93.1	17.46	95.7	18.37	100.1	19.75
	16.7	78.0	12.80	84.2	14.59	88.6	15.82	93.1	17.10	95.7	17.99	100.1	19.34
	14.4	78.0	12.47	84.2	14.22	88.6	15.41	93.1	16.66	95.7	17.52	100.1	18.84
	12.2	78.0	12.21	84.2	13.92	88.6	15.09	93.1	16.30	95.7	17.15	100.1	18.43
	10.0	78.0	11.94	84.2	13.61	88.6	14.74	93.1	15.93	95.7	16.76	100.1	18.01
	4.4	78.0	11.63	84.2	13.25	88.6	14.36	93.1	15.52	95.7	16.32	100.1	17.54
	-1.1	78.0	11.37	84.2	12.95	88.6	14.03	93.1	15.16	95.7	15.94	100.1	17.13
	-5.0	78.0	11.19	84.2	12.74	88.6	13.81	93.1	14.92	95.7	15.69	100.1	16.86
	-9.4	78.0	10.99	84.2	12.52	88.6	13.56	93.1	14.65	95.7	15.41	100.1	16.55
	-15.0	78.0	10.79	84.2	12.29	88.6	13.32	93.1	14.39	95.7	15.13	100.1	16.26
130	51.7	42.8	19.24	46.2	21.87	48.6	23.66	51.1	25.54	52.5	26.84	54.4	28.54
	50.0	47.7	20.12	51.5	22.90	54.2	24.80	56.9	26.78	58.5	28.15	60.6	29.96
	47.8	54.8	21.53	59.2	24.55	62.3	26.60	65.4	28.76	67.3	30.25	69.7	32.22
	46.1	61.0	22.79	65.9	26.03	69.3	28.13	72.8	30.54	74.9	32.15	77.6	34.27
	43.3	70.0	24.12	75.6	27.59	79.5	29.96	83.5	32.44	85.9	34.17	89.0	36.45
	41.1	72.9	23.38	78.7	26.74	82.8	29.04	87.0	31.45	89.4	33.12	92.7	35.33
	39.4	75.0	22.81	80.9	26.09	85.2	28.33	89.5	30.68	92.0	32.31	95.4	34.47
	37.2	77.5	22.06	83.7	25.23	88.1	27.40	92.5	29.67	95.1	31.25	98.6	33.34
	35.0	79.8	21.31	86.2	24.38	90.7	26.47	95.3	28.67	98.0	30.19	101.6	32.21
	33.9	79.8	20.59	86.2	23.54	90.7	25.56	95.3	27.67	98.0	29.14	101.6	31.09
	32.8	79.8	19.90	86.2	22.75	90.7	24.69	95.3	26.73	98.0	28.15	101.6	30.02
	30.6	79.8	18.61	86.2	21.27	90.7	23.08	95.3	24.98	98.0	26.29	101.6	28.04
	27.8	79.8	17.12	86.2	19.55	90.7	21.21	95.3	22.95	98.0	24.15	101.6	25.75
	23.9	79.8	15.26	86.2	17.42	90.7	18.89	95.3	20.43	98.0	21.49	101.6	22.90
	22.2	79.8	14.51	86.2	16.55	90.7	17.95	95.3	19.41	98.0	20.42	101.6	21.76
	21.1	79.8	14.04	86.2	16.02	90.7	17.36	95.3	18.78	98.0	19.76	101.6	21.05
	20.0	79.8	13.58	86.2	15.49	90.7	16.79	95.3	18.16	98.0	19.10	101.6	20.35
	18.3	79.8	13.25	86.2	15.11	90.7	16.38	95.3	17.71	98.0	18.63	101.6	19.85
	16.7	79.8	12.98	86.2	14.80	90.7	16.04	95.3	17.34	98.0	18.24	101.6	19.43
	14.4	79.8	12.65	86.2	14.42	90.7	15.63	95.3	16.90	98.0	17.77	101.6	18.93
	12.2	79.8	12.39	86.2	14.12	90.7	15.30	95.3	16.54	98.0	17.39	101.6	18.52
	10.0	79.8	12.11	86.2	13.80	90.7	14.95	95.3	16.16	98.0	17.00	101.6	18.10
	4.4	79.8	11.80	86.2	13.44	90.7	14.56	95.3	15.74	98.0	16.55	101.6	17.62
	-1.1	79.8	11.53	86.2	13.14	90.7	14.23	95.3	15.38	98.0	16.17	101.6	17.22
	-5.0	79.8	11.34	86.2	12.92	90.7	14.00	95.3	15.13	98.0	15.91	101.6	16.94
	-9.4	79.8	11.14	86.2	12.69	90.7	13.75	95.3	14.86	98.0	15.62	101.6	16.63
	-15.0	79.8	10.94	86.2	12.47	90.7	13.51	95.3	14.59	98.0	15.34	101.6	16.34

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	35.8	15.92	38.7	18.09	40.7	19.58	42.8	21.13	44.0	22.20	46.0	23.83
	50.0	39.9	16.65	43.1	18.95	45.4	20.52	47.6	22.16	49.0	23.29	51.2	25.02
	47.8	45.9	17.81	49.6	20.31	52.2	22.01	54.8	23.79	56.3	25.03	58.9	26.91
	46.1	51.1	18.86	55.2	21.53	58.1	23.27	61.0	25.27	62.7	26.60	65.6	28.62
	43.3	58.6	19.96	63.3	22.83	66.6	24.79	69.9	26.84	71.9	28.27	75.2	30.44
	41.1	61.0	19.34	65.9	22.13	69.3	24.03	72.8	26.02	74.9	27.40	78.3	29.51
	39.4	62.8	18.87	67.8	21.59	71.3	23.44	74.9	25.38	77.0	26.73	80.6	28.79
	37.2	64.9	18.25	70.0	20.88	73.7	22.67	77.4	24.55	79.6	25.86	83.3	27.84
	35.0	66.8	17.63	72.2	20.17	76.0	21.90	79.8	23.72	82.0	24.98	85.8	26.90
	33.9	66.8	17.03	72.2	19.48	76.0	21.15	79.8	22.90	82.0	24.11	85.8	25.96
	32.8	66.8	16.46	72.2	18.82	76.0	20.43	79.8	22.12	82.0	23.29	85.8	25.07
	30.6	66.8	15.40	72.2	17.59	76.0	19.09	79.8	20.66	82.0	21.75	85.8	23.41
	27.8	66.8	14.17	72.2	16.18	76.0	17.55	79.8	18.99	82.0	19.98	85.8	21.50
	23.9	66.8	12.63	72.2	14.41	76.0	15.63	79.8	16.90	82.0	17.78	85.8	19.13
	22.2	66.8	12.00	72.2	13.70	76.0	14.85	79.8	16.06	82.0	16.90	85.8	18.17
	21.1	66.8	11.62	72.2	13.25	76.0	14.37	79.8	15.54	82.0	16.34	85.8	17.58
	20.0	66.8	11.24	72.2	12.82	76.0	13.90	79.8	15.02	82.0	15.81	85.8	17.00
	18.3	66.8	10.96	72.2	12.50	76.0	13.55	79.8	14.65	82.0	15.42	85.8	16.57
	16.7	66.8	10.74	72.2	12.24	76.0	13.27	79.8	14.35	82.0	15.09	85.8	16.23
	14.4	66.8	10.47	72.2	11.93	76.0	12.93	79.8	13.98	82.0	14.70	85.8	15.81
	12.2	66.8	10.25	72.2	11.68	76.0	12.66	79.8	13.68	82.0	14.39	85.8	15.47
	10.0	66.8	10.02	72.2	11.42	76.0	12.37	79.8	13.37	82.0	14.06	85.8	15.11
	4.4	66.8	9.76	72.2	11.12	76.0	12.05	79.8	13.02	82.0	13.69	85.8	14.72
	-1.1	66.8	9.54	72.2	10.87	76.0	11.77	79.8	12.72	82.0	13.38	85.8	14.38
	-5.0	66.8	9.39	72.2	10.69	76.0	11.58	79.8	12.52	82.0	13.16	85.8	14.15
	-9.4	66.8	9.22	72.2	10.50	76.0	11.38	79.8	12.29	82.0	12.93	85.8	13.89
	-15.0	66.8	9.05	72.2	10.31	76.0	11.17	79.8	12.07	82.0	12.70	85.8	13.64
80	51.7	31.8	13.61	34.4	15.47	36.2	16.74	38.0	18.07	39.1	18.98	40.9	20.38
	50.0	35.5	14.23	38.3	16.20	40.3	17.54	42.3	18.94	43.5	19.92	45.5	21.39
	47.8	40.8	15.23	44.0	17.36	46.4	18.82	48.7	20.34	50.1	21.40	52.4	23.01
	46.1	45.4	16.12	49.0	18.41	51.6	19.90	54.2	21.61	55.7	22.74	58.3	24.47
	43.3	52.1	17.06	56.2	19.52	59.2	21.19	62.1	22.95	63.9	24.17	66.9	26.03
	41.1	54.2	16.54	58.6	18.92	61.6	20.54	64.7	22.25	66.6	23.43	69.6	25.23
	39.4	55.8	16.13	60.2	18.45	63.4	20.04	66.6	21.70	68.5	22.85	71.6	24.61
	37.2	57.7	15.61	62.3	17.85	65.5	19.38	68.8	20.99	70.8	22.11	74.1	23.81
	35.0	59.4	15.08	64.2	17.24	67.5	18.73	70.9	20.28	72.9	21.36	76.3	23.00
	33.9	59.4	14.56	64.2	16.65	67.5	18.08	70.9	19.58	72.9	20.62	76.3	22.20
	32.8	59.4	14.08	64.2	16.09	67.5	17.47	70.9	18.91	72.9	19.91	76.3	21.44
	30.6	59.4	13.17	64.2	15.04	67.5	16.32	70.9	17.67	72.9	18.60	76.3	20.02
	27.8	59.4	12.11	64.2	13.83	67.5	15.00	70.9	16.23	72.9	17.09	76.3	18.38
	23.9	59.4	10.79	64.2	12.32	67.5	13.36	70.9	14.45	72.9	15.20	76.3	16.35
	22.2	59.4	10.26	64.2	11.71	67.5	12.70	70.9	13.73	72.9	14.45	76.3	15.54
	21.1	59.4	9.93	64.2	11.33	67.5	12.28	70.9	13.28	72.9	13.97	76.3	15.03
	20.0	59.4	9.61	64.2	10.96	67.5	11.88	70.9	12.85	72.9	13.51	76.3	14.53
	18.3	59.4	9.37	64.2	10.69	67.5	11.59	70.9	12.53	72.9	13.18	76.3	14.17
	16.7	59.4	9.18	64.2	10.47	67.5	11.35	70.9	12.27	72.9	12.90	76.3	13.87
	14.4	59.4	8.95	64.2	10.20	67.5	11.06	70.9	11.95	72.9	12.57	76.3	13.52
	12.2	59.4	8.76	64.2	9.99	67.5	10.82	70.9	11.70	72.9	12.30	76.3	13.22
	10.0	59.4	8.56	64.2	9.76	67.5	10.58	70.9	11.43	72.9	12.02	76.3	12.92
	4.4	59.4	8.35	64.2	9.51	67.5	10.30	70.9	11.13	72.9	11.71	76.3	12.58
	-1.1	59.4	8.16	64.2	9.29	67.5	10.07	70.9	10.88	72.9	11.44	76.3	12.29
	-5.0	59.4	8.03	64.2	9.14	67.5	9.90	70.9	10.70	72.9	11.25	76.3	12.09
	-9.4	59.4	7.88	64.2	8.98	67.5	9.73	70.9	10.51	72.9	11.05	76.3	11.88
	-15.0	59.4	7.74	64.2	8.82	67.5	9.55	70.9	10.32	72.9	10.85	76.3	11.66
70	51.7	27.9	11.47	30.1	13.04	31.7	14.11	33.3	15.23	34.2	16.00	35.8	17.18
	50.0	31.0	12.00	33.5	13.65	35.3	14.79	37.0	15.97	38.1	16.79	39.9	18.03
	47.8	35.7	12.84	38.5	14.63	40.6	15.86	42.6	17.15	43.8	18.04	45.8	19.39
	46.1	39.7	13.59	42.9	15.52	45.2	16.77	47.4	18.21	48.8	19.17	51.0	20.62
	43.3	45.6	14.38	49.2	16.45	51.8	17.86	54.4	19.34	55.9	20.37	58.5	21.94
	41.1	47.5	13.94	51.2	15.95	53.9	17.31	56.6	18.75	58.2	19.75	60.9	21.27
	39.4	48.8	13.60	52.7	15.55	55.5	16.89	58.3	18.29	59.9	19.26	62.7	20.74
	37.2	50.5	13.15	54.5	15.05	57.4	16.34	60.2	17.69	61.9	18.63	64.8	20.07
	35.0	52.0	12.71	56.1	14.53	59.1	15.78	62.0	17.09	63.8	18.00	66.8	19.38
	33.9	52.0	12.27	56.1	14.04	59.1	15.24	62.0	16.50	63.8	17.38	66.8	18.71
	32.8	52.0	11.86	56.1	13.56	59.1	14.72	62.0	15.94	63.8	16.78	66.8	18.07
	30.6	52.0	11.10	56.1	12.68	59.1	13.76	62.0	14.89	63.8	15.68	66.8	16.87
	27.8	52.0	10.21	56.1	11.66	59.1	12.65	62.0	13.68	63.8	14.40	66.8	15.50
	23.9	52.0	9.10	56.1	10.38	59.1	11.26	62.0	12.18	63.8	12.81	66.8	13.78
	22.2	52.0	8.65	56.1	9.87	59.1	10.70	62.0	11.57	63.8	12.18	66.8	13.10
	21.1	52.0	8.37	56.1	9.55	59.1	10.35	62.0	11.20	63.8	11.78	66.8	12.67
	20.0	52.0	8.10	56.1	9.24	59.1	10.01	62.0	10.83	63.8	11.39	66.8	12.25
	18.3	52.0	7.90	56.1	9.01	59.1	9.77	62.0	10.56	63.8	11.11	66.8	11.94
	16.7	52.0	7.74	56.1	8.82	59.1	9.56	62.0	10.34	63.8	10.88	66.8	11.69
	14.4	52.0	7.54	56.1	8.60	59.1	9.32	62.0	10.07	63.8	10.60	66.8	11.39
	12.2	52.0	7.38	56.1	8.42	59.1	9.12	62.0	9.86	63.8	10.37	66.8	11.15
	10.0	52.0	7.22	56.1	8.23	59.1	8.92	62.0	9.63	63.8	10.13	66.8	10.89
	4.4	52.0	7.03	56.1	8.01	59.1	8.68	62.0	9.38	63.8	9.87	66.8	10.61
	-1.1	52.0	6.87	56.1	7.83	59.1	8.48	62.0	9.17	63.8	9.64	66.8	10.36
	-5.0	52.0	6.76	56.1	7.71	59.1	8.35	62.0	9.02	63.8	9.49	66.8	10.19
	-9.4	52.0	6.64	56.1	7.57	59.1	8.20	62.0	8.86	63.8	9.32	66.8	10.01
	-15.0	52.0	6.52	56.1	7.43	59.1	8.05	62.0	8.70	63.8	9.15	66.8	9.83

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP3121FT6P-UL/MMY-UP3121FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	43.1	20.83	46.6	23.57	49.0	25.43	51.5	27.35	52.9	28.67	55.4	30.67
	50.0	48.0	21.73	51.9	24.60	54.6	26.54	57.3	28.56	58.9	29.95	61.7	32.05
	47.8	55.2	23.14	59.6	26.22	62.8	28.31	65.9	30.47	67.8	31.97	70.9	34.22
	46.1	61.5	24.39	66.4	27.66	69.9	29.77	73.4	32.18	75.5	33.76	79.0	36.16
	43.3	70.5	25.66	76.1	29.13	80.1	31.48	84.2	33.92	86.5	35.60	90.6	38.15
	41.1	73.4	24.88	79.3	28.23	83.5	30.51	87.6	32.88	90.1	34.51	94.3	36.98
	39.4	75.5	24.27	81.6	27.54	85.9	29.76	90.2	32.08	92.7	33.67	97.0	36.08
	37.2	78.1	23.47	84.3	26.64	88.8	28.79	93.2	31.02	95.8	32.56	100.3	34.90
	35.0	80.5	22.67	86.9	25.73	91.4	27.81	96.0	29.97	98.7	31.46	103.3	33.71
	33.9	80.5	21.92	86.9	24.88	91.4	26.89	96.0	28.97	98.7	30.41	103.3	32.58
	32.8	80.5	21.21	86.9	24.07	91.4	26.00	96.0	28.02	98.7	29.41	103.3	31.51
	30.6	80.5	19.87	86.9	22.54	91.4	24.35	96.0	26.24	98.7	27.53	103.3	29.50
	27.8	80.5	18.32	86.9	20.77	91.4	22.44	96.0	24.17	98.7	25.36	103.3	27.16
	23.9	80.5	16.36	86.9	18.54	91.4	20.03	96.0	21.57	98.7	22.62	103.3	24.23
	22.2	80.5	15.57	86.9	17.64	91.4	19.05	96.0	20.51	98.7	21.52	103.3	23.04
	21.1	80.5	15.07	86.9	17.08	91.4	18.44	96.0	19.86	98.7	20.83	103.3	22.30
	20.0	80.5	14.58	86.9	16.53	91.4	17.84	96.0	19.21	98.7	20.15	103.3	21.58
	18.3	80.5	14.24	86.9	16.13	91.4	17.42	96.0	18.75	98.7	19.67	103.3	21.06
	16.7	80.5	13.95	86.9	15.81	91.4	17.06	96.0	18.37	98.7	19.27	103.3	20.63
	14.4	80.5	13.60	86.9	15.41	91.4	16.64	96.0	17.91	98.7	18.79	103.3	20.11
	12.2	80.5	13.32	86.9	15.10	91.4	16.29	96.0	17.54	98.7	18.40	103.3	19.70
	10.0	80.5	13.03	86.9	14.76	91.4	15.93	96.0	17.15	98.7	17.99	103.3	19.26
	4.4	80.5	12.70	86.9	14.39	91.4	15.53	96.0	16.72	98.7	17.53	103.3	18.77
	-1.1	80.5	12.42	86.9	14.07	91.4	15.18	96.0	16.34	98.7	17.14	103.3	18.35
	-5.0	80.5	12.22	86.9	13.84	91.4	14.94	96.0	16.08	98.7	16.87	103.3	18.05
	-9.4	80.5	12.00	86.9	13.60	91.4	14.67	96.0	15.79	98.7	16.56	103.3	17.73
	-15.0	80.5	11.79	86.9	13.35	91.4	14.41	96.0	15.51	98.7	16.27	103.3	17.41
110	51.7	44.0	21.05	47.5	23.81	50.0	25.69	52.5	27.63	54.0	28.96	56.5	30.98
	50.0	49.0	21.95	52.9	24.85	55.7	26.82	58.5	28.85	60.1	30.26	62.9	32.37
	47.8	56.3	23.38	60.8	26.49	64.0	28.60	67.2	30.79	69.2	32.29	72.4	34.57
	46.1	62.7	24.64	67.7	27.94	71.3	30.08	74.8	32.51	77.0	34.11	80.5	36.53
	43.3	71.9	25.92	77.7	29.42	81.8	31.80	85.8	34.27	88.3	35.97	92.4	38.54
	41.1	74.9	25.13	80.9	28.52	85.1	30.82	89.4	33.22	91.9	34.87	96.2	37.36
	39.4	77.1	24.51	83.2	27.82	87.6	30.07	92.0	32.40	94.6	34.01	98.9	36.45
	37.2	79.7	23.71	86.0	26.91	90.5	29.08	95.1	31.34	97.8	32.90	102.3	35.25
	35.0	82.1	22.90	88.6	26.00	93.3	28.09	97.9	30.28	100.7	31.78	105.4	34.06
	33.9	82.1	22.15	88.6	25.14	93.3	27.16	97.9	29.27	100.7	30.72	105.4	32.92
	32.8	82.1	21.43	88.6	24.31	93.3	26.27	97.9	28.31	100.7	29.71	105.4	31.83
	30.6	82.1	20.08	88.6	22.77	93.3	24.60	97.9	26.51	100.7	27.81	105.4	29.80
	27.8	82.1	18.50	88.6	20.98	93.3	22.66	97.9	24.41	100.7	25.61	105.4	27.44
	23.9	82.1	16.53	88.6	18.73	93.3	20.23	97.9	21.79	100.7	22.86	105.4	24.48
	22.2	82.1	15.72	88.6	17.82	93.3	19.25	97.9	20.72	100.7	21.74	105.4	23.28
	21.1	82.1	15.22	88.6	17.25	93.3	18.63	97.9	20.06	100.7	21.04	105.4	22.53
	20.0	82.1	14.73	88.6	16.69	93.3	18.03	97.9	19.41	100.7	20.36	105.4	21.80
	18.3	82.1	14.38	88.6	16.30	93.3	17.59	97.9	18.94	100.7	19.87	105.4	21.27
	16.7	82.1	14.09	88.6	15.97	93.3	17.24	97.9	18.56	100.7	19.47	105.4	20.84
	14.4	82.1	13.74	88.6	15.57	93.3	16.81	97.9	18.10	100.7	18.98	105.4	20.32
	12.2	82.1	13.46	88.6	15.25	93.3	16.46	97.9	17.72	100.7	18.59	105.4	19.90
	10.0	82.1	13.16	88.6	14.91	93.3	16.10	97.9	17.33	100.7	18.17	105.4	19.45
	4.4	82.1	12.83	88.6	14.54	93.3	15.69	97.9	16.89	100.7	17.71	105.4	18.96
	-1.1	82.1	12.55	88.6	14.21	93.3	15.34	97.9	16.51	100.7	17.31	105.4	18.53
	-5.0	82.1	12.35	88.6	13.98	93.3	15.09	97.9	16.25	100.7	17.04	105.4	18.24
	-9.4	82.1	12.13	88.6	13.73	93.3	14.82	97.9	15.96	100.7	16.73	105.4	17.91
	-15.0	82.1	11.91	88.6	13.49	93.3	14.56	97.9	15.67	100.7	16.44	105.4	17.59
120	51.7	45.3	21.46	48.9	24.28	51.5	26.19	54.0	28.17	55.6	29.53	58.1	31.59
	50.0	50.4	22.38	54.5	25.34	57.3	27.34	60.2	29.42	61.9	30.85	64.8	33.01
	47.8	58.0	23.84	62.6	27.01	65.9	29.16	69.2	31.39	71.2	32.93	74.5	35.25
	46.1	64.6	25.12	69.7	28.49	73.4	30.67	77.0	33.14	79.2	34.78	82.9	37.25
	43.3	74.0	26.43	79.9	30.00	84.2	32.42	88.4	34.94	90.9	36.67	95.1	39.30
	41.1	77.1	25.62	83.3	29.08	87.6	31.43	92.0	33.87	94.6	35.55	99.0	38.10
	39.4	79.3	24.99	85.6	28.37	90.2	30.66	94.7	33.04	97.4	34.68	101.9	37.16
	37.2	82.0	24.18	88.5	27.44	93.2	29.65	97.9	31.96	100.6	33.54	105.3	35.95
	35.0	84.5	23.35	91.2	26.51	96.0	28.65	100.8	30.87	103.7	32.40	108.5	34.72
	33.9	84.5	22.58	91.2	25.63	96.0	27.69	100.8	29.84	103.7	31.32	108.5	33.56
	32.8	84.5	21.85	91.2	24.79	96.0	26.79	100.8	28.86	103.7	30.29	108.5	32.45
	30.6	84.5	20.47	91.2	23.22	96.0	25.09	100.8	27.03	103.7	28.36	108.5	30.38
	27.8	84.5	18.87	91.2	21.40	96.0	23.11	100.8	24.89	103.7	26.12	108.5	27.97
	23.9	84.5	16.85	91.2	19.10	96.0	20.63	100.8	22.21	103.7	23.31	108.5	24.96
	22.2	84.5	16.03	91.2	18.17	96.0	19.62	100.8	21.13	103.7	22.17	108.5	23.74
	21.1	84.5	15.52	91.2	17.59	96.0	18.99	100.8	20.45	103.7	21.46	108.5	22.97
	20.0	84.5	15.02	91.2	17.02	96.0	18.38	100.8	19.79	103.7	20.76	108.5	22.23
	18.3	84.5	14.66	91.2	16.62	96.0	17.94	100.8	19.32	103.7	20.26	108.5	21.69
	16.7	84.5	14.37	91.2	16.28	96.0	17.58	100.8	18.92	103.7	19.85	108.5	21.25
	14.4	84.5	14.01	91.2	15.88	96.0	17.14	100.8	18.45	103.7	19.35	108.5	20.72
	12.2	84.5	13.72	91.2	15.55	96.0	16.78	100.8	18.07	103.7	18.95	108.5	20.29
	10.0	84.5	13.42	91.2	15.20	96.0	16.41	100.8	17.67	103.7	18.53	108.5	19.84
	4.4	84.5	13.09	91.2	14.82	96.0	16.00	100.8	17.22	103.7	18.06	108.5	19.33
	-1.1	84.5	12.79	91.2	14.49	96.0	15.64	100.8	16.83	103.7	17.65	108.5	18.90
	-5.0	84.5	12.59	91.2	14.26	96.0	15.39	100.8	16.57	103.7	17.37	108.5	18.59
	-9.4	84.5	12.37	91.2	14.00	96.0	15.12	100.8	16.27	103.7	17.06	108.5	18.26
	-15.0	84.5	12.15	91.2	13.76	96.0	14.85	100.8	15.98	103.7	16.76	108.5	17.94
130	51.7	46.4	21.77	50.1	24.62	52.7	26.56	55.3	28.57	56.9	29.95	59.0	31.74
	50.0	51.6	22.70	55.8	25.70	58.7	27.73	61.6	29.84	63.4	31.29	65.7	33.17
	47.8	59.4	24.17	64.1	27.39	67.5	29.57	70.9	31.84	72.9	33.39	75.6	35.42
	46.1	66.1	25.48	71.4	28.89	75.1	31.10	78.9	33.61	81.1	35.27	84.1	37.42
	43.3	75.8	26.81	81.9	30.43	86.2	32.88	90.5	35.44	93.0	37.19	96.4	39.49
	41.1	78.9	25.99	85.2	29.49	89.7	31.87	94.2	34.35	96.9	36.05	100.4	38.28
	39.4	81.2	25.35	87.7	28.77	92.3	31.09	96.9	33.51	99.7	35.17	103.3	37.34
	37.2	83.9	24.52	90.6	27.83	95.4	30.07	100.2	32.41	103.0	34.02	106.8	36.12
	35.0	86.5	23.68	93.4	26.88	98.3	29.05	103.2	31.31	106.1	32.86	110.0	34.89
	33.9	86.5	22.90	93.4	25.99	98.3	28.09	103.2	30.27	106.1	31.77	110.0	33.72
	32.8	86.5	22.16	93.4	25.14	98.3	27.17	103.2	29.27	106.1	30.72	110.0	32.61
	30.6	86.5	20.76	93.4	23.55	98.3	25.44	103.2	27.41	106.1	28.76	110.0	30.53
	27.8	86.5	19.14	93.4	21.70	98.3	23.44	103.2	25.25	106.1	26.49	110.0	28.11
	23.9	86.5	17.09	93.4	19.37	98.3	20.92	103.2	22.53	106.1	23.64	110.0	25.08
	22.2	86.5	16.26	93.4	18.43	98.3	19.90	103.2	21.43	106.1	22.48	110.0	23.85
	21.1	86.5	15.74	93.4	17.84	98.3	19.26	103.2	20.74	106.1	21.76	110.0	23.08
	20.0	86.5	15.23	93.4	17.26	98.3	18.64	103.2	20.07	106.1	21.05	110.0	22.33
	18.3	86.5	14.87	93.4	16.85	98.3	18.19	103.2	19.59	106.1	20.55	110.0	21.80
	16.7	86.5	14.57	93.4	16.51	98.3	17.83	103.2	19.19	106.1	20.13	110.0	21.35
	14.4	86.5	14.21	93.4	16.10	98.3	17.38	103.2	18.71	106.1	19.63	110.0	20.82
	12.2	86.5	13.92	93.4	15.77	98.3	17.02	103.2	18.33	106.1	19.22	110.0	20.38
	10.0	86.5	13.61	93.4	15.42	98.3	16.65	103.2	17.92	106.1	18.79	110.0	19.93
	4.4	86.5	13.27	93.4	15.03	98.3	16.23	103.2	17.47	106.1	18.32	110.0	19.42
	-1.1	86.5	12.98	93.4	14.70	98.3	15.86	103.2	17.07	106.1	17.90	110.0	18.99
	-5.0	86.5	12.77	93.4	14.46	98.3	15.61	103.2	16.80	106.1	17.62	110.0	18.68
	-9.4	86.5	12.54	93.4	14.20	98.3	15.33	103.2	16.50	106.1	17.30	110.0	18.35
	-15.0	86.5	12.32	93.4	13.95	98.3	15.06	103.2	16.21	106.1	17.00	110.0	18.02

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	38.8	18.01	41.9	20.37	44.1	21.98	46.3	23.64	47.6	24.78	49.8	26.51
	50.0	43.2	18.78	46.7	21.26	49.1	22.94	51.6	24.69	53.1	25.89	55.5	27.70
	47.8	49.7	20.00	53.7	22.66	56.5	24.47	59.3	26.34	61.0	27.63	63.8	29.58
	46.1	55.3	21.08	59.7	23.91	62.9	25.73	66.0	27.81	67.9	29.18	71.1	31.25
	43.3	63.5	22.18	68.5	25.17	72.1	27.21	75.7	29.32	77.9	30.77	81.5	32.98
	41.1	66.1	21.50	71.4	24.40	75.1	26.37	78.9	28.42	81.1	29.83	84.9	31.97
	39.4	68.0	20.97	73.4	23.80	77.3	25.73	81.1	27.72	83.4	29.10	87.3	31.18
	37.2	70.3	20.29	75.9	23.02	79.9	24.88	83.9	26.82	86.3	28.15	90.3	30.16
	35.0	72.4	19.60	78.2	22.24	82.3	24.04	86.4	25.90	88.9	27.19	93.0	29.14
	33.9	72.4	18.95	78.2	21.51	82.3	23.24	86.4	25.04	88.9	26.28	93.0	28.16
	32.8	72.4	18.33	78.2	20.80	82.3	22.48	86.4	24.22	88.9	25.42	93.0	27.23
	30.6	72.4	17.18	78.2	19.49	82.3	21.05	86.4	22.68	88.9	23.80	93.0	25.49
	27.8	72.4	15.83	78.2	17.95	82.3	19.39	86.4	20.89	88.9	21.92	93.0	23.47
	23.9	72.4	14.14	78.2	16.03	82.3	17.31	86.4	18.64	88.9	19.56	93.0	20.94
	22.2	72.4	13.45	78.2	15.25	82.3	16.47	86.4	17.73	88.9	18.60	93.0	19.92
	21.1	72.4	13.02	78.2	14.76	82.3	15.94	86.4	17.16	88.9	18.00	93.0	19.28
	20.0	72.4	12.60	78.2	14.28	82.3	15.42	86.4	16.61	88.9	17.42	93.0	18.65
	18.3	72.4	12.30	78.2	13.94	82.3	15.05	86.4	16.21	88.9	17.00	93.0	18.20
	16.7	72.4	12.06	78.2	13.66	82.3	14.75	86.4	15.88	88.9	16.66	93.0	17.83
	14.4	72.4	11.76	78.2	13.32	82.3	14.38	86.4	15.48	88.9	16.24	93.0	17.39
	12.2	72.4	11.52	78.2	13.05	82.3	14.08	86.4	15.16	88.9	15.90	93.0	17.02
	10.0	72.4	11.26	78.2	12.76	82.3	13.77	86.4	14.82	88.9	15.55	93.0	16.64
	4.4	72.4	10.98	78.2	12.44	82.3	13.42	86.4	14.45	88.9	15.16	93.0	16.22
	-1.1	72.4	10.74	78.2	12.16	82.3	13.12	86.4	14.13	88.9	14.81	93.0	15.86
	-5.0	72.4	10.56	78.2	11.96	82.3	12.91	86.4	13.90	88.9	14.58	93.0	15.60
	-9.4	72.4	10.38	78.2	11.75	82.3	12.68	86.4	13.65	88.9	14.32	93.0	15.32
	-15.0	72.4	10.19	78.2	11.54	82.3	12.46	86.4	13.41	88.9	14.06	93.0	15.05
80	51.7	34.5	15.40	37.3	17.42	39.2	18.79	41.2	20.21	42.3	21.19	44.3	22.66
	50.0	38.4	16.06	41.5	18.18	43.7	19.62	45.9	21.11	47.2	22.13	49.3	23.68
	47.8	44.2	17.10	47.7	19.38	50.2	20.92	52.7	22.52	54.2	23.62	56.8	25.29
	46.1	49.2	18.02	53.1	20.44	55.9	22.00	58.7	23.78	60.4	24.95	63.2	26.72
	43.3	56.4	18.96	60.9	21.52	64.1	23.26	67.3	25.07	69.2	26.31	72.4	28.20
	41.1	58.7	18.38	63.4	20.86	66.8	22.55	70.1	24.30	72.1	25.50	75.4	27.33
	39.4	60.4	17.93	65.3	20.35	68.7	21.99	72.1	23.70	74.2	24.88	77.6	26.66
	37.2	62.5	17.34	67.5	19.69	71.0	21.27	74.6	22.93	76.7	24.06	80.2	25.79
	35.0	64.4	16.75	69.5	19.02	73.2	20.55	76.8	22.15	79.0	23.25	82.6	24.91
	33.9	64.4	16.20	69.5	18.39	73.2	19.87	76.8	21.41	79.0	22.47	82.6	24.08
	32.8	64.4	15.67	69.5	17.79	73.2	19.22	76.8	20.71	79.0	21.73	82.6	23.28
	30.6	64.4	14.69	69.5	16.66	73.2	18.00	76.8	19.39	79.0	20.35	82.6	21.80
	27.8	64.4	13.54	69.5	15.35	73.2	16.58	76.8	17.86	79.0	18.74	82.6	20.07
	23.9	64.4	12.09	69.5	13.70	73.2	14.80	76.8	15.94	79.0	16.72	82.6	17.90
	22.2	64.4	11.50	69.5	13.04	73.2	14.08	76.8	15.16	79.0	15.90	82.6	17.03
	21.1	64.4	11.13	69.5	12.62	73.2	13.63	76.8	14.67	79.0	15.39	82.6	16.48
	20.0	64.4	10.78	69.5	12.21	73.2	13.19	76.8	14.20	79.0	14.89	82.6	15.95
	18.3	64.4	10.52	69.5	11.92	73.2	12.87	76.8	13.86	79.0	14.54	82.6	15.56
	16.7	64.4	10.31	69.5	11.68	73.2	12.61	76.8	13.58	79.0	14.24	82.6	15.25
	14.4	64.4	10.05	69.5	11.39	73.2	12.30	76.8	13.24	79.0	13.88	82.6	14.86
	12.2	64.4	9.85	69.5	11.15	73.2	12.04	76.8	12.96	79.0	13.60	82.6	14.55
	10.0	64.4	9.63	69.5	10.91	73.2	11.77	76.8	12.68	79.0	13.29	82.6	14.23
	4.4	64.4	9.39	69.5	10.63	73.2	11.48	76.8	12.35	79.0	12.96	82.6	13.87
	-1.1	64.4	9.18	69.5	10.40	73.2	11.22	76.8	12.08	79.0	12.67	82.6	13.56
	-5.0	64.4	9.03	69.5	10.23	73.2	11.04	76.8	11.88	79.0	12.46	82.6	13.34
	-9.4	64.4	8.87	69.5	10.05	73.2	10.84	76.8	11.67	79.0	12.24	82.6	13.10
	-15.0	64.4	8.71	69.5	9.87	73.2	10.65	76.8	11.46	79.0	12.02	82.6	12.87
70	51.7	30.2	12.98	32.6	14.68	34.3	15.84	36.0	17.04	37.0	17.86	38.8	19.10
	50.0	33.6	13.53	36.3	15.32	38.2	16.53	40.1	17.79	41.3	18.65	43.2	19.96
	47.8	38.7	14.41	41.8	16.33	44.0	17.63	46.1	18.98	47.5	19.91	49.7	21.32
	46.1	43.0	15.19	46.5	17.23	48.9	18.54	51.4	20.04	52.8	21.03	55.3	22.52
	43.3	49.4	15.98	53.3	18.14	56.1	19.60	58.9	21.13	60.6	22.18	63.4	23.76
	41.1	51.4	15.49	55.5	17.59	58.4	19.00	61.3	20.48	63.1	21.50	66.0	23.04
	39.4	52.9	15.11	57.1	17.15	60.1	18.54	63.1	19.98	64.9	20.97	67.9	22.47
	37.2	54.7	14.62	59.0	16.59	62.1	17.93	65.2	19.32	67.1	20.28	70.2	21.74
	35.0	56.3	14.12	60.8	16.03	64.0	17.32	67.2	18.67	69.1	19.59	72.3	21.00
	33.9	56.3	13.66	60.8	15.50	64.0	16.75	67.2	18.05	69.1	18.94	72.3	20.29
	32.8	56.3	13.21	60.8	14.99	64.0	16.20	67.2	17.45	69.1	18.32	72.3	19.62
	30.6	56.3	12.38	60.8	14.04	64.0	15.17	67.2	16.34	69.1	17.15	72.3	18.37
	27.8	56.3	11.41	60.8	12.94	64.0	13.97	67.2	15.05	69.1	15.79	72.3	16.92
	23.9	56.3	10.19	60.8	11.55	64.0	12.47	67.2	13.43	69.1	14.09	72.3	15.09
	22.2	56.3	9.69	60.8	10.99	64.0	11.87	67.2	12.78	69.1	13.40	72.3	14.35
	21.1	56.3	9.39	60.8	10.64	64.0	11.49	67.2	12.37	69.1	12.97	72.3	13.89
	20.0	56.3	9.08	60.8	10.29	64.0	11.11	67.2	11.97	69.1	12.55	72.3	13.44
	18.3	56.3	8.87	60.8	10.05	64.0	10.85	67.2	11.68	69.1	12.25	72.3	13.12
	16.7	56.3	8.69	60.8	9.84	64.0	10.63	67.2	11.44	69.1	12.00	72.3	12.85
	14.4	56.3	8.47	60.8	9.60	64.0	10.36	67.2	11.16	69.1	11.70	72.3	12.53
	12.2	56.3	8.30	60.8	9.40	64.0	10.15	67.2	10.93	69.1	11.46	72.3	12.27
	10.0	56.3	8.12	60.8	9.19	64.0	9.92	67.2	10.68	69.1	11.20	72.3	11.99
	4.4	56.3	7.91	60.8	8.96	64.0	9.67	67.2	10.41	69.1	10.92	72.3	11.69
	-1.1	56.3	7.74	60.8	8.76	64.0	9.46	67.2	10.18	69.1	10.68	72.3	11.43
	-5.0	56.3	7.61	60.8	8.62	64.0	9.31	67.2	10.02	69.1	10.50	72.3	11.24
	-9.4	56.3	7.48	60.8	8.47	64.0	9.14	67.2	9.84	69.1	10.32	72.3	11.04
	-15.0	56.3	7.34	60.8	8.32	64.0	8.98	67.2	9.66	69.1	10.13	72.3	10.85

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc

MMY-UP3361FT6P-UL/MMY-UP3361FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	46.4	21.69	50.1	24.79	52.8	26.92	55.4	29.16	57.0	30.72	59.6	33.10
	50.0	51.7	22.76	55.9	26.06	58.8	28.33	61.7	30.72	63.5	32.38	66.4	34.93
	47.8	59.5	24.47	64.2	28.11	67.6	30.60	71.0	33.23	73.0	35.06	76.4	37.87
	46.1	66.2	26.04	71.5	29.97	75.3	32.57	79.0	35.52	81.3	37.51	85.0	40.56
	43.3	75.9	27.74	82.0	32.01	86.3	34.94	90.6	38.04	93.2	40.21	97.5	43.53
	41.1	79.1	26.89	85.4	31.03	89.9	33.87	94.4	36.88	97.1	38.97	101.5	42.20
	39.4	81.3	26.23	87.8	30.27	92.5	33.04	97.1	35.97	99.8	38.02	104.5	41.16
	37.2	84.1	25.37	90.8	29.28	95.6	31.96	100.4	34.80	103.2	36.78	108.0	39.82
	35.0	86.6	24.51	93.6	28.29	98.5	30.88	103.4	33.62	106.3	35.53	111.3	38.47
	33.9	86.6	23.65	93.6	27.28	98.5	29.77	103.4	32.41	106.3	34.25	111.3	37.07
	32.8	86.6	22.83	93.6	26.33	98.5	28.73	103.4	31.26	106.3	33.03	111.3	35.75
	30.6	86.6	21.31	93.6	24.56	98.5	26.79	103.4	29.14	106.3	30.78	111.3	33.29
	27.8	86.6	19.57	93.6	22.53	98.5	24.56	103.4	26.70	106.3	28.19	111.3	30.49
	23.9	86.6	17.40	93.6	20.01	98.5	21.80	103.4	23.69	106.3	25.01	111.3	27.03
	22.2	86.6	16.53	93.6	19.00	98.5	20.70	103.4	22.49	106.3	23.74	111.3	25.66
	21.1	86.6	15.99	93.6	18.38	98.5	20.02	103.4	21.75	106.3	22.95	111.3	24.80
	20.0	86.6	15.46	93.6	17.77	98.5	19.35	103.4	21.02	106.3	22.18	111.3	23.96
	18.3	86.6	15.08	93.6	17.32	98.5	18.86	103.4	20.48	106.3	21.61	111.3	23.35
	16.7	86.6	14.76	93.6	16.95	98.5	18.45	103.4	20.04	106.3	21.15	111.3	22.84
	14.4	86.6	14.38	93.6	16.51	98.5	17.97	103.4	19.51	106.3	20.58	111.3	22.23
	12.2	86.6	14.07	93.6	16.15	98.5	17.58	103.4	19.08	106.3	20.13	111.3	21.74
	10.0	86.6	13.75	93.6	15.78	98.5	17.17	103.4	18.64	106.3	19.66	111.3	21.23
	4.4	86.6	13.38	93.6	15.36	98.5	16.71	103.4	18.13	106.3	19.13	111.3	20.65
	-1.1	86.6	13.08	93.6	15.00	98.5	16.32	103.4	17.71	106.3	18.68	111.3	20.16
	-5.0	86.6	12.86	93.6	14.75	98.5	16.05	103.4	17.42	106.3	18.37	111.3	19.83
	-9.4	86.6	12.63	93.6	14.49	98.5	15.76	103.4	17.10	106.3	18.04	111.3	19.47
	-15.0	86.6	12.41	93.6	14.23	98.5	15.48	103.4	16.80	106.3	17.71	111.3	19.12
110	51.7	47.4	21.91	51.1	25.05	53.8	27.20	56.5	29.46	58.1	31.03	60.8	33.44
	50.0	52.8	22.99	57.0	26.33	60.0	28.62	63.0	31.03	64.7	32.71	67.7	35.29
	47.8	60.7	24.72	65.5	28.39	69.0	30.91	72.4	33.57	74.5	35.42	77.9	38.26
	46.1	67.5	26.31	72.9	30.28	76.8	32.91	80.6	35.89	82.9	37.89	86.7	40.97
	43.3	77.5	28.02	83.6	32.34	88.0	35.30	92.4	38.43	95.1	40.62	99.5	43.98
	41.1	80.7	27.16	87.1	31.35	91.7	34.22	96.3	37.25	99.0	39.37	103.6	42.63
	39.4	83.0	26.50	89.6	30.58	94.3	33.38	99.0	36.34	101.8	38.41	106.6	41.58
	37.2	85.8	25.63	92.6	29.58	97.5	32.29	102.4	35.15	105.3	37.15	110.1	40.22
	35.0	88.4	24.76	95.4	28.58	100.4	31.20	105.5	33.96	108.5	35.89	113.5	38.86
	33.9	88.4	23.89	95.4	27.56	100.4	30.08	105.5	32.74	108.5	34.60	113.5	37.45
	32.8	88.4	23.07	95.4	26.60	100.4	29.02	105.5	31.58	108.5	33.37	113.5	36.11
	30.6	88.4	21.53	95.4	24.81	100.4	27.06	105.5	29.43	108.5	31.09	113.5	33.63
	27.8	88.4	19.77	95.4	22.76	100.4	24.81	105.5	26.97	108.5	28.48	113.5	30.80
	23.9	88.4	17.58	95.4	20.22	100.4	22.03	105.5	23.94	108.5	25.27	113.5	27.31
	22.2	88.4	16.70	95.4	19.20	100.4	20.91	105.5	22.72	108.5	23.98	113.5	25.92
	21.1	88.4	16.15	95.4	18.56	100.4	20.22	105.5	21.97	108.5	23.18	113.5	25.05
	20.0	88.4	15.62	95.4	17.95	100.4	19.55	105.5	21.23	108.5	22.41	113.5	24.21
	18.3	88.4	15.23	95.4	17.50	100.4	19.05	105.5	20.69	108.5	21.83	113.5	23.59
	16.7	88.4	14.91	95.4	17.12	100.4	18.64	105.5	20.25	108.5	21.36	113.5	23.07
	14.4	88.4	14.52	95.4	16.68	100.4	18.15	105.5	19.71	108.5	20.79	113.5	22.46
	12.2	88.4	14.21	95.4	16.31	100.4	17.76	105.5	19.28	108.5	20.34	113.5	21.96
	10.0	88.4	13.89	95.4	15.94	100.4	17.34	105.5	18.83	108.5	19.86	113.5	21.45
	4.4	88.4	13.52	95.4	15.51	100.4	16.88	105.5	18.32	108.5	19.32	113.5	20.86
	-1.1	88.4	13.21	95.4	15.15	100.4	16.48	105.5	17.89	108.5	18.87	113.5	20.37
	-5.0	88.4	13.00	95.4	14.91	100.4	16.22	105.5	17.60	108.5	18.56	113.5	20.03
	-9.4	88.4	12.76	95.4	14.64	100.4	15.92	105.5	17.28	108.5	18.22	113.5	19.67
	-15.0	88.4	12.53	95.4	14.37	100.4	15.64	105.5	16.97	108.5	17.90	113.5	19.32
120	51.7	48.8	22.34	52.7	25.54	55.4	27.73	58.2	30.04	59.8	31.64	62.6	34.10
	50.0	54.3	23.44	58.6	26.85	61.7	29.18	64.8	31.64	66.7	33.35	69.7	35.98
	47.8	62.5	25.21	67.4	28.95	71.0	31.52	74.5	34.23	76.7	36.11	80.2	39.01
	46.1	69.5	26.82	75.1	30.88	79.0	33.55	83.0	36.59	85.3	38.64	89.3	41.78
	43.3	79.7	28.57	86.1	32.97	90.6	36.00	95.2	39.19	97.9	41.42	102.4	44.84
	41.1	83.0	27.69	89.7	31.96	94.4	34.89	99.1	37.99	101.9	40.15	106.6	43.46
	39.4	85.4	27.02	92.2	31.18	97.1	34.04	101.9	37.06	104.8	39.16	109.7	42.40
	37.2	88.3	26.13	95.3	30.16	100.4	32.92	105.4	35.84	108.4	37.88	113.4	41.01
	35.0	91.0	25.25	98.2	29.14	103.4	31.81	108.6	34.63	111.6	36.60	116.8	39.63
	33.9	91.0	24.36	98.2	28.10	103.4	30.67	108.6	33.38	111.6	35.28	116.8	38.18
	32.8	91.0	23.52	98.2	27.12	103.4	29.59	108.6	32.20	111.6	34.02	116.8	36.82
	30.6	91.0	21.95	98.2	25.30	103.4	27.59	108.6	30.01	111.6	31.70	116.8	34.29
	27.8	91.0	20.16	98.2	23.20	103.4	25.30	108.6	27.50	111.6	29.04	116.8	31.41
	23.9	91.0	17.92	98.2	20.61	103.4	22.46	108.6	24.41	111.6	25.76	116.8	27.85
	22.2	91.0	17.03	98.2	19.58	103.4	21.32	108.6	23.17	111.6	24.45	116.8	26.43
	21.1	91.0	16.47	98.2	18.93	103.4	20.62	108.6	22.40	111.6	23.64	116.8	25.54
	20.0	91.0	15.92	98.2	18.30	103.4	19.93	108.6	21.65	111.6	22.85	116.8	24.68
	18.3	91.0	15.53	98.2	17.84	103.4	19.43	108.6	21.10	111.6	22.26	116.8	24.05
	16.7	91.0	15.20	98.2	17.46	103.4	19.01	108.6	20.64	111.6	21.78	116.8	23.53
	14.4	91.0	14.81	98.2	17.00	103.4	18.51	108.6	20.10	111.6	21.20	116.8	22.90
	12.2	91.0	14.49	98.2	16.63	103.4	18.10	108.6	19.65	111.6	20.73	116.8	22.39
	10.0	91.0	14.16	98.2	16.25	103.4	17.69	108.6	19.20	111.6	20.25	116.8	21.87
	4.4	91.0	13.79	98.2	15.82	103.4	17.21	108.6	18.68	111.6	19.70	116.8	21.27
	-1.1	91.0	13.47	98.2	15.45	103.4	16.81	108.6	18.24	111.6	19.24	116.8	20.77
	-5.0	91.0	13.25	98.2	15.20	103.4	16.53	108.6	17.94	111.6	18.92	116.8	20.43
	-9.4	91.0	13.01	98.2	14.92	103.4	16.24	108.6	17.62	111.6	18.58	116.8	20.06
	-15.0	91.0	12.78	98.2	14.66	103.4	15.94	108.6	17.30	111.6	18.25	116.8	19.70
130	51.7	49.9	22.66	53.9	25.90	56.7	28.12	59.6	30.46	61.3	32.09	63.5	34.26
	50.0	55.6	23.77	60.0	27.23	63.2	29.60	66.4	32.09	68.2	33.83	70.7	36.15
	47.8	63.9	25.57	69.1	29.36	72.7	31.97	76.3	34.71	78.5	36.63	81.4	39.19
	46.1	71.2	27.20	76.9	31.31	80.9	34.03	84.9	37.11	87.4	39.18	90.5	41.98
	43.3	81.6	28.98	88.1	33.44	92.8	36.51	97.4	39.74	100.2	42.00	103.9	45.05
	41.1	85.0	28.09	91.8	32.42	96.6	35.39	101.5	38.52	104.3	40.71	108.1	43.67
	39.4	87.5	27.40	94.4	31.62	99.4	34.52	104.4	37.58	107.3	39.72	111.3	42.60
	37.2	90.4	26.50	97.6	30.59	102.8	33.39	107.9	36.35	110.9	38.42	115.0	41.21
	35.0	93.1	25.60	100.6	29.55	105.9	32.26	111.2	35.12	114.3	37.12	118.5	39.81
	33.9	93.1	24.70	100.6	28.50	105.9	31.10	111.2	33.86	114.3	35.78	118.5	38.36
	32.8	93.1	23.85	100.6	27.50	105.9	30.01	111.2	32.66	114.3	34.50	118.5	36.99
	30.6	93.1	22.27	100.6	25.66	105.9	27.98	111.2	30.44	114.3	32.15	118.5	34.46
	27.8	93.1	20.44	100.6	23.53	105.9	25.65	111.2	27.89	114.3	29.45	118.5	31.55
	23.9	93.1	18.18	100.6	20.91	105.9	22.78	111.2	24.75	114.3	26.13	118.5	27.98
	22.2	93.1	17.27	100.6	19.85	105.9	21.63	111.2	23.50	114.3	24.80	118.5	26.55
	21.1	93.1	16.70	100.6	19.20	105.9	20.91	111.2	22.72	114.3	23.97	118.5	25.66
	20.0	93.1	16.15	100.6	18.56	105.9	20.21	111.2	21.96	114.3	23.17	118.5	24.80
	18.3	93.1	15.75	100.6	18.09	105.9	19.70	111.2	21.40	114.3	22.58	118.5	24.16
	16.7	93.1	15.42	100.6	17.71	105.9	19.28	111.2	20.94	114.3	22.09	118.5	23.64
	14.4	93.1	15.02	100.6	17.24	105.9	18.77	111.2	20.38	114.3	21.50	118.5	23.01
	12.2	93.1	14.70	100.6	16.87	105.9	18.36	111.2	19.93	114.3	21.03	118.5	22.50
	10.0	93.1	14.36	100.6	16.48	105.9	17.94	111.2	19.47	114.3	20.54	118.5	21.97
	4.4	93.1	13.98	100.6	16.04	105.9	17.45	111.2	18.94	114.3	19.98	118.5	21.37
	-1.1	93.1	13.66	100.6	15.67	105.9	17.05	111.2	18.50	114.3	19.51	118.5	20.86
	-5.0	93.1	13.44	100.6	15.41	105.9	16.77	111.2	18.20	114.3	19.19	118.5	20.52
	-9.4	93.1	13.20	100.6	15.14	105.9	16.47	111.2	17.87	114.3	18.84	118.5	20.15
	-15.0	93.1	12.96	100.6	14.86	105.9	16.17	111.2	17.55	114.3	18.51	118.5	19.79

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	41.8	18.75	45.1	21.43	47.5	23.27	49.9	25.20	51.3	26.55	53.7	28.61
	50.0	46.5	19.67	50.3	22.53	52.9	24.49	55.6	26.55	57.1	27.99	59.8	30.19
	47.8	53.5	21.15	57.8	24.29	60.9	26.45	63.9	28.72	65.7	30.30	68.8	32.73
	46.1	59.6	22.51	64.3	25.91	67.7	28.15	71.1	30.70	73.1	32.42	76.5	35.06
	43.3	68.3	23.97	73.8	27.67	77.7	30.20	81.6	32.88	83.9	34.75	87.8	37.62
	41.1	71.2	23.24	76.9	26.82	80.9	29.28	84.9	31.87	87.3	33.69	91.4	36.47
	39.4	73.2	22.67	79.1	26.16	83.2	28.56	87.4	31.09	89.9	32.86	94.0	35.58
	37.2	75.7	21.93	81.7	25.31	86.0	27.63	90.3	30.08	92.9	31.79	97.2	34.41
	35.0	78.0	21.18	84.2	24.45	88.6	26.69	93.1	29.06	95.7	30.71	100.1	33.25
	33.9	78.0	20.44	84.2	23.58	88.6	25.73	93.1	28.01	95.7	29.60	100.1	32.04
	32.8	78.0	19.73	84.2	22.76	88.6	24.83	93.1	27.02	95.7	28.55	100.1	30.90
	30.6	78.0	18.42	84.2	21.23	88.6	23.15	93.1	25.18	95.7	26.60	100.1	28.78
	27.8	78.0	16.91	84.2	19.47	88.6	21.23	93.1	23.08	95.7	24.37	100.1	26.35
	23.9	78.0	15.04	84.2	17.30	88.6	18.85	93.1	20.48	95.7	21.62	100.1	23.37
	22.2	78.0	14.29	84.2	16.43	88.6	17.89	93.1	19.44	95.7	20.52	100.1	22.17
	21.1	78.0	13.82	84.2	15.88	88.6	17.30	93.1	18.79	95.7	19.84	100.1	21.43
	20.0	78.0	13.36	84.2	15.36	88.6	16.72	93.1	18.17	95.7	19.17	100.1	20.71
	18.3	78.0	13.03	84.2	14.97	88.6	16.30	93.1	17.70	95.7	18.68	100.1	20.18
	16.7	78.0	12.76	84.2	14.65	88.6	15.95	93.1	17.32	95.7	18.28	100.1	19.74
	14.4	78.0	12.43	84.2	14.27	88.6	15.53	93.1	16.86	95.7	17.79	100.1	19.21
	12.2	78.0	12.16	84.2	13.96	88.6	15.19	93.1	16.49	95.7	17.40	100.1	18.79
	10.0	78.0	11.88	84.2	13.64	88.6	14.84	93.1	16.11	95.7	16.99	100.1	18.35
	4.4	78.0	11.57	84.2	13.27	88.6	14.44	93.1	15.67	95.7	16.53	100.1	17.85
	-1.1	78.0	11.30	84.2	12.96	88.6	14.10	93.1	15.30	95.7	16.14	100.1	17.42
	-5.0	78.0	11.12	84.2	12.75	88.6	13.87	93.1	15.06	95.7	15.88	100.1	17.14
	-9.4	78.0	10.92	84.2	12.52	88.6	13.62	93.1	14.78	95.7	15.59	100.1	16.83
	-15.0	78.0	10.72	84.2	12.30	88.6	13.38	93.1	14.52	95.7	15.31	100.1	16.53
80	51.7	37.2	16.03	40.1	18.32	42.2	19.89	44.3	21.55	45.6	22.70	47.7	24.46
	50.0	41.4	16.82	44.7	19.26	47.0	20.94	49.4	22.70	50.8	23.93	53.1	25.81
	47.8	47.6	18.09	51.4	20.77	54.1	22.61	56.8	24.56	58.4	25.91	61.1	27.98
	46.1	53.0	19.24	57.2	22.15	60.2	24.07	63.2	26.25	65.0	27.72	68.0	29.97
	43.3	60.7	20.50	65.6	23.66	69.1	25.82	72.5	28.11	74.6	29.71	78.0	32.17
	41.1	63.3	19.87	68.3	22.93	71.9	25.03	75.5	27.25	77.6	28.80	81.2	31.18
	39.4	65.1	19.38	70.3	22.37	74.0	24.42	77.7	26.58	79.9	28.10	83.6	30.42
	37.2	67.3	18.75	72.6	21.64	76.5	23.62	80.3	25.71	82.6	27.18	86.4	29.42
	35.0	69.3	18.11	74.8	20.90	78.8	22.82	82.7	24.84	85.1	26.26	89.0	28.43
	33.9	69.3	17.48	74.8	20.16	78.8	22.00	82.7	23.95	85.1	25.31	89.0	27.39
	32.8	69.3	16.87	74.8	19.46	78.8	21.23	82.7	23.10	85.1	24.41	89.0	26.41
	30.6	69.3	15.75	74.8	18.15	78.8	19.79	82.7	21.53	85.1	22.74	89.0	24.60
	27.8	69.3	14.46	74.8	16.65	78.8	18.15	82.7	19.73	85.1	20.84	89.0	22.53
	23.9	69.3	12.86	74.8	14.79	78.8	16.11	82.7	17.51	85.1	18.48	89.0	19.98
	22.2	69.3	12.22	74.8	14.04	78.8	15.30	82.7	16.62	85.1	17.54	89.0	18.96
	21.1	69.3	11.81	74.8	13.58	78.8	14.79	82.7	16.07	85.1	16.96	89.0	18.33
	20.0	69.3	11.42	74.8	13.13	78.8	14.30	82.7	15.53	85.1	16.39	89.0	17.71
	18.3	69.3	11.14	74.8	12.80	78.8	13.94	82.7	15.14	85.1	15.97	89.0	17.25
	16.7	69.3	10.91	74.8	12.53	78.8	13.64	82.7	14.81	85.1	15.63	89.0	16.88
	14.4	69.3	10.62	74.8	12.20	78.8	13.28	82.7	14.42	85.1	15.21	89.0	16.43
	12.2	69.3	10.40	74.8	11.93	78.8	12.99	82.7	14.10	85.1	14.88	89.0	16.06
	10.0	69.3	10.16	74.8	11.66	78.8	12.69	82.7	13.77	85.1	14.53	89.0	15.69
	4.4	69.3	9.89	74.8	11.35	78.8	12.35	82.7	13.40	85.1	14.13	89.0	15.26
	-1.1	69.3	9.66	74.8	11.08	78.8	12.06	82.7	13.09	85.1	13.80	89.0	14.90
	-5.0	69.3	9.51	74.8	10.90	78.8	11.86	82.7	12.87	85.1	13.57	89.0	14.65
	-9.4	69.3	9.34	74.8	10.71	78.8	11.65	82.7	12.64	85.1	13.33	89.0	14.39
	-15.0	69.3	9.17	74.8	10.52	78.8	11.44	82.7	12.41	85.1	13.09	89.0	14.13
70	51.7	32.5	13.51	35.1	15.44	36.9	16.77	38.8	18.16	39.9	19.13	41.7	20.62
	50.0	36.2	14.17	39.1	16.23	41.2	17.65	43.2	19.13	44.4	20.17	46.5	21.76
	47.8	41.6	15.24	45.0	17.51	47.3	19.06	49.7	20.70	51.1	21.84	53.5	23.59
	46.1	46.3	16.22	50.0	18.67	52.7	20.29	55.3	22.13	56.9	23.36	59.5	25.26
	43.3	53.2	17.28	57.4	19.94	60.4	21.77	63.4	23.70	65.2	25.04	68.3	27.11
	41.1	55.4	16.75	59.8	19.33	62.9	21.10	66.1	22.97	67.9	24.27	71.1	26.28
	39.4	56.9	16.34	61.5	18.85	64.7	20.58	68.0	22.41	69.9	23.68	73.1	25.64
	37.2	58.9	15.80	63.6	18.24	66.9	19.91	70.3	21.67	72.2	22.91	75.6	24.80
	35.0	60.6	15.27	65.5	17.62	68.9	19.23	72.4	20.94	74.4	22.13	77.9	23.96
	33.9	60.6	14.73	65.5	16.99	68.9	18.55	72.4	20.19	74.4	21.33	77.9	23.09
	32.8	60.6	14.22	65.5	16.40	68.9	17.89	72.4	19.47	74.4	20.57	77.9	22.26
	30.6	60.6	13.28	65.5	15.30	68.9	16.68	72.4	18.15	74.4	19.17	77.9	20.74
	27.8	60.6	12.19	65.5	14.03	68.9	15.30	72.4	16.63	74.4	17.56	77.9	18.99
	23.9	60.6	10.84	65.5	12.46	68.9	13.58	72.4	14.76	74.4	15.58	77.9	16.84
	22.2	60.6	10.30	65.5	11.84	68.9	12.89	72.4	14.01	74.4	14.79	77.9	15.98
	21.1	60.6	9.96	65.5	11.45	68.9	12.47	72.4	13.54	74.4	14.29	77.9	15.45
	20.0	60.6	9.63	65.5	11.07	68.9	12.05	72.4	13.09	74.4	13.81	77.9	14.93
	18.3	60.6	9.39	65.5	10.79	68.9	11.75	72.4	12.76	74.4	13.46	77.9	14.54
	16.7	60.6	9.19	65.5	10.56	68.9	11.49	72.4	12.48	74.4	13.17	77.9	14.23
	14.4	60.6	8.95	65.5	10.28	68.9	11.19	72.4	12.15	74.4	12.82	77.9	13.85
	12.2	60.6	8.76	65.5	10.06	68.9	10.95	72.4	11.88	74.4	12.54	77.9	13.54
	10.0	60.6	8.56	65.5	9.83	68.9	10.69	72.4	11.61	74.4	12.25	77.9	13.22
	4.4	60.6	8.34	65.5	9.56	68.9	10.41	72.4	11.29	74.4	11.91	77.9	12.86
	-1.1	60.6	8.14	65.5	9.34	68.9	10.16	72.4	11.03	74.4	11.63	77.9	12.56
	-5.0	60.6	8.01	65.5	9.19	68.9	10.00	72.4	10.85	74.4	11.44	77.9	12.35
	-9.4	60.6	7.87	65.5	9.02	68.9	9.82	72.4	10.65	74.4	11.23	77.9	12.13
	-15.0	60.6	7.73	65.5	8.86	68.9	9.64	72.4	10.46	74.4	11.03	77.9	11.91

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°C)

MMY-UP3601FT6P-UL/MMY-UP3601FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	49.8	24.03	53.7	27.38	56.6	29.68	59.4	32.09	61.1	33.77	63.9	36.33
	50.0	55.4	25.17	59.8	28.73	63.0	31.17	66.1	33.73	68.0	35.53	71.2	38.25
	47.8	63.8	26.99	68.8	30.89	72.4	33.56	76.1	36.38	78.2	38.35	81.9	41.34
	46.1	71.0	28.66	76.6	32.86	80.6	35.65	84.7	38.79	87.1	40.92	91.1	44.16
	43.3	81.4	30.43	87.9	34.99	92.5	38.11	97.1	41.41	99.9	43.72	104.5	47.25
	41.1	84.7	29.50	91.5	33.91	96.3	36.95	101.1	40.14	104.0	42.38	108.8	45.80
	39.4	87.2	28.78	94.1	33.08	99.1	36.04	104.0	39.16	107.0	41.34	112.0	44.68
	37.2	90.1	27.84	97.3	32.00	102.4	34.86	107.5	37.88	110.6	39.99	115.7	43.21
	35.0	92.8	26.89	100.2	30.92	105.5	33.68	110.8	36.59	114.0	38.64	119.2	41.75
	33.9	92.8	25.96	100.2	29.83	105.5	32.49	110.8	35.30	114.0	37.26	119.2	40.25
	32.8	92.8	25.08	100.2	28.80	105.5	31.36	110.8	34.06	114.0	35.95	119.2	38.84
	30.6	92.8	23.43	100.2	26.89	105.5	29.27	110.8	31.78	114.0	33.53	119.2	36.21
	27.8	92.8	21.53	100.2	24.69	105.5	26.86	110.8	29.15	114.0	30.75	119.2	33.19
	23.9	92.8	19.16	100.2	21.96	105.5	23.88	110.8	25.90	114.0	27.31	119.2	29.47
	22.2	92.8	18.21	100.2	20.86	105.5	22.68	110.8	24.60	114.0	25.94	119.2	27.98
	21.1	92.8	17.62	100.2	20.18	105.5	21.93	110.8	23.78	114.0	25.08	119.2	27.05
	20.0	92.8	17.04	100.2	19.51	105.5	21.21	110.8	22.99	114.0	24.24	119.2	26.14
	18.3	92.8	16.62	100.2	19.03	105.5	20.68	110.8	22.42	114.0	23.63	119.2	25.48
	16.7	92.8	16.28	100.2	18.63	105.5	20.24	110.8	21.94	114.0	23.13	119.2	24.93
	14.4	92.8	15.86	100.2	18.15	105.5	19.71	110.8	21.37	114.0	22.52	119.2	24.28
	12.2	92.8	15.52	100.2	17.76	105.5	19.29	110.8	20.90	114.0	22.03	119.2	23.74
	10.0	92.8	15.17	100.2	17.35	105.5	18.85	110.8	20.42	114.0	21.52	119.2	23.19
	4.4	92.8	14.78	100.2	16.89	105.5	18.35	110.8	19.87	114.0	20.94	119.2	22.57
	-1.1	92.8	14.44	100.2	16.50	105.5	17.92	110.8	19.41	114.0	20.45	119.2	22.04
	-5.0	92.8	14.21	100.2	16.24	105.5	17.63	110.8	19.10	114.0	20.12	119.2	21.68
	-9.4	92.8	13.95	100.2	15.95	105.5	17.31	110.8	18.75	114.0	19.76	119.2	21.29
	-15.0	92.8	13.70	100.2	15.66	105.5	17.00	110.8	18.42	114.0	19.40	119.2	20.91
110	51.7	50.8	24.28	54.8	27.66	57.7	29.98	60.6	32.42	62.3	34.12	65.2	36.70
	50.0	56.5	25.43	61.0	29.02	64.2	31.49	67.5	34.08	69.4	35.89	72.6	38.64
	47.8	65.0	27.27	70.2	31.21	73.9	33.91	77.6	36.75	79.8	38.74	83.5	41.77
	46.1	72.4	28.95	78.1	33.20	82.2	36.01	86.4	39.19	88.8	41.34	92.9	44.61
	43.3	83.0	30.75	89.6	35.34	94.3	38.50	99.0	41.84	101.9	44.17	106.6	47.73
	41.1	86.4	29.80	93.3	34.26	98.2	37.32	103.1	40.55	106.1	42.81	111.0	46.26
	39.4	88.9	29.07	96.0	33.42	101.1	36.41	106.1	39.56	109.1	41.77	114.2	45.13
	37.2	91.9	28.12	99.2	32.33	104.5	35.22	109.7	38.26	112.8	40.40	118.0	43.65
	35.0	94.7	27.17	102.2	31.23	107.6	34.02	113.0	36.97	116.2	39.03	121.6	42.18
	33.9	94.7	26.23	102.2	30.14	107.6	32.82	113.0	35.66	116.2	37.64	121.6	40.66
	32.8	94.7	25.33	102.2	29.10	107.6	31.69	113.0	34.41	116.2	36.32	121.6	39.23
	30.6	94.7	23.67	102.2	27.17	107.6	29.57	113.0	32.10	116.2	33.87	121.6	36.58
	27.8	94.7	21.75	102.2	24.94	107.6	27.14	113.0	29.45	116.2	31.07	121.6	33.53
	23.9	94.7	19.36	102.2	22.18	107.6	24.12	113.0	26.16	116.2	27.59	121.6	29.77
	22.2	94.7	18.40	102.2	21.08	107.6	22.91	113.0	24.85	116.2	26.20	121.6	28.26
	21.1	94.7	17.80	102.2	20.38	107.6	22.16	113.0	24.03	116.2	25.33	121.6	27.32
	20.0	94.7	17.22	102.2	19.71	107.6	21.42	113.0	23.23	116.2	24.49	121.6	26.41
	18.3	94.7	16.79	102.2	19.22	107.6	20.89	113.0	22.64	116.2	23.87	121.6	25.74
	16.7	94.7	16.44	102.2	18.82	107.6	20.45	113.0	22.16	116.2	23.36	121.6	25.19
	14.4	94.7	16.02	102.2	18.33	107.6	19.92	113.0	21.58	116.2	22.75	121.6	24.52
	12.2	94.7	15.68	102.2	17.94	107.6	19.49	113.0	21.11	116.2	22.25	121.6	23.99
	10.0	94.7	15.33	102.2	17.53	107.6	19.04	113.0	20.63	116.2	21.74	121.6	23.43
	4.4	94.7	14.93	102.2	17.07	107.6	18.53	113.0	20.08	116.2	21.16	121.6	22.80
	-1.1	94.7	14.59	102.2	16.67	107.6	18.10	113.0	19.61	116.2	20.66	121.6	22.27
	-5.0	94.7	14.35	102.2	16.40	107.6	17.81	113.0	19.29	116.2	20.33	121.6	21.90
	-9.4	94.7	14.10	102.2	16.11	107.6	17.49	113.0	18.94	116.2	19.96	121.6	21.51
	-15.0	94.7	13.84	102.2	15.82	107.6	17.18	113.0	18.61	116.2	19.60	121.6	21.12
120	51.7	52.3	24.76	56.4	28.20	59.4	30.57	62.4	33.05	64.1	34.79	67.1	37.42
	50.0	58.2	25.93	62.8	29.59	66.1	32.10	69.4	34.75	71.4	36.59	74.7	39.40
	47.8	66.9	27.81	72.3	31.82	76.1	34.57	79.9	37.47	82.2	39.50	86.0	42.59
	46.1	74.5	29.52	80.4	33.85	84.7	36.72	88.9	39.96	91.4	42.15	95.7	45.49
	43.3	85.5	31.35	92.2	36.04	97.1	39.26	102.0	42.66	104.9	45.04	109.7	48.67
	41.1	89.0	30.39	96.1	34.93	101.1	38.06	106.2	41.35	109.2	43.65	114.3	47.17
	39.4	91.5	29.64	98.8	34.08	104.0	37.12	109.2	40.34	112.3	42.59	117.5	46.02
	37.2	94.6	28.67	102.2	32.96	107.5	35.91	112.9	39.02	116.1	41.19	121.5	44.51
	35.0	97.5	27.70	105.2	31.84	110.8	34.69	116.3	37.69	119.6	39.80	125.2	43.00
	33.9	97.5	26.74	105.2	30.73	110.8	33.47	116.3	36.36	119.6	38.38	125.2	41.46
	32.8	97.5	25.83	105.2	29.67	110.8	32.31	116.3	35.09	119.6	37.03	125.2	40.00
	30.6	97.5	24.13	105.2	27.70	110.8	30.15	116.3	32.73	119.6	34.54	125.2	37.30
	27.8	97.5	22.18	105.2	25.43	110.8	27.67	116.3	30.03	119.6	31.68	125.2	34.19
	23.9	97.5	19.74	105.2	22.62	110.8	24.60	116.3	26.68	119.6	28.13	125.2	30.35
	22.2	97.5	18.76	105.2	21.49	110.8	23.36	116.3	25.34	119.6	26.71	125.2	28.82
	21.1	97.5	18.15	105.2	20.78	110.8	22.59	116.3	24.50	119.6	25.83	125.2	27.86
	20.0	97.5	17.55	105.2	20.10	110.8	21.84	116.3	23.68	119.6	24.97	125.2	26.93
	18.3	97.5	17.12	105.2	19.60	110.8	21.30	116.3	23.09	119.6	24.34	125.2	26.25
	16.7	97.5	16.77	105.2	19.19	110.8	20.85	116.3	22.60	119.6	23.82	125.2	25.68
	14.4	97.5	16.34	105.2	18.69	110.8	20.31	116.3	22.01	119.6	23.20	125.2	25.01
	12.2	97.5	15.99	105.2	18.29	110.8	19.87	116.3	21.53	119.6	22.69	125.2	24.46
	10.0	97.5	15.63	105.2	17.87	110.8	19.41	116.3	21.03	119.6	22.17	125.2	23.89
	4.4	97.5	15.22	105.2	17.40	110.8	18.90	116.3	20.47	119.6	21.57	125.2	23.25
	-1.1	97.5	14.87	105.2	17.00	110.8	18.46	116.3	20.00	119.6	21.07	125.2	22.70
	-5.0	97.5	14.63	105.2	16.73	110.8	18.16	116.3	19.67	119.6	20.73	125.2	22.33
	-9.4	97.5	14.37	105.2	16.42	110.8	17.83	116.3	19.32	119.6	20.35	125.2	21.93
	-15.0	97.5	14.12	105.2	16.13	110.8	17.52	116.3	18.97	119.6	19.99	125.2	21.54
130	51.7	53.5	25.11	57.8	28.60	60.8	31.00	63.8	33.52	65.7	35.28	68.1	37.60
	50.0	59.6	26.29	64.3	30.01	67.7	32.56	71.1	35.24	73.1	37.11	75.8	39.59
	47.8	68.5	28.20	74.0	32.27	77.9	35.06	81.8	38.00	84.1	40.06	87.2	42.79
	46.1	76.3	29.94	82.3	34.33	86.7	37.24	91.0	40.52	93.6	42.74	97.0	45.70
	43.3	87.5	31.79	94.4	36.55	99.4	39.82	104.4	43.26	107.4	45.67	111.3	48.90
	41.1	91.1	30.82	98.4	35.43	103.5	38.60	108.7	41.94	111.8	44.27	115.9	47.40
	39.4	93.7	30.06	101.2	34.56	106.5	37.65	111.8	40.91	115.0	43.19	119.2	46.24
	37.2	96.9	29.08	104.6	33.43	110.1	36.42	115.6	39.57	118.9	41.78	123.2	44.72
	35.0	99.8	28.09	107.8	32.30	113.4	35.18	119.1	38.23	122.5	40.36	127.0	43.21
	33.9	99.8	27.12	107.8	31.16	113.4	33.94	119.1	36.87	122.5	38.92	127.0	41.66
	32.8	99.8	26.20	107.8	30.09	113.4	32.77	119.1	35.59	122.5	37.56	127.0	40.19
	30.6	99.8	24.48	107.8	28.09	113.4	30.58	119.1	33.20	122.5	35.03	127.0	37.47
	27.8	99.8	22.49	107.8	25.79	113.4	28.06	119.1	30.45	122.5	32.12	127.0	34.35
	23.9	99.8	20.02	107.8	22.94	113.4	24.94	119.1	27.06	122.5	28.53	127.0	30.49
	22.2	99.8	19.03	107.8	21.79	113.4	23.69	119.1	25.69	122.5	27.09	127.0	28.95
	21.1	99.8	18.41	107.8	21.08	113.4	22.91	119.1	24.85	122.5	26.20	127.0	27.99
	20.0	99.8	17.80	107.8	20.38	113.4	22.15	119.1	24.02	122.5	25.32	127.0	27.06
	18.3	99.8	17.36	107.8	19.88	113.4	21.60	119.1	23.42	122.5	24.69	127.0	26.37
	16.7	99.8	17.00	107.8	19.46	113.4	21.14	119.1	22.92	122.5	24.16	127.0	25.80
	14.4	99.8	16.57	107.8	18.96	113.4	20.59	119.1	22.32	122.5	23.52	127.0	25.12
	12.2	99.8	16.22	107.8	18.55	113.4	20.15	119.1	21.83	122.5	23.01	127.0	24.57
	10.0	99.8	15.85	107.8	18.12	113.4	19.69	119.1	21.33	122.5	22.48	127.0	24.00
	4.4	99.8	15.44	107.8	17.65	113.4	19.17	119.1	20.76	122.5	21.88	127.0	23.36
	-1.1	99.8	15.09	107.8	17.24	113.4	18.72	119.1	20.28	122.5	21.37	127.0	22.81
	-5.0	99.8	14.84	107.8	16.96	113.4	18.42	119.1	19.95	122.5	21.02	127.0	22.44
	-9.4	99.8	14.58	107.8	16.66	113.4	18.09	119.1	19.59	122.5	20.64	127.0	22.03
	-15.0	99.8	14.32	107.8	16.36	113.4	17.76	119.1	19.24	122.5	20.27	127.0	21.64

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	44.8	20.77	48.4	23.66	50.9	25.65	53.4	27.74	55.0	29.19	57.5	31.40
	50.0	49.9	21.75	53.9	24.83	56.7	26.94	59.5	29.16	61.2	30.71	64.1	33.06
	47.8	57.4	23.33	61.9	26.70	65.2	29.01	68.5	31.44	70.4	33.14	73.7	35.73
	46.1	63.9	24.77	68.9	28.40	72.6	30.81	76.2	33.53	78.4	35.37	82.0	38.17
	43.3	73.2	26.31	79.1	30.24	83.2	32.94	87.4	35.79	89.9	37.79	94.1	40.83
	41.1	76.3	25.50	82.3	29.31	86.7	31.93	91.0	34.70	93.6	36.63	97.9	39.58
	39.4	78.5	24.87	84.7	28.59	89.2	31.15	93.6	33.85	96.3	35.73	100.8	38.61
	37.2	81.1	24.06	87.6	27.66	92.2	30.13	96.8	32.74	99.5	34.56	104.2	37.35
	35.0	83.6	23.24	90.2	26.72	95.0	29.11	99.7	31.63	102.6	33.39	107.3	36.08
	33.9	83.6	22.44	90.2	25.78	95.0	28.08	99.7	30.51	102.6	32.20	107.3	34.79
	32.8	83.6	21.67	90.2	24.90	95.0	27.11	99.7	29.44	102.6	31.08	107.3	33.57
	30.6	83.6	20.25	90.2	23.24	95.0	25.30	99.7	27.47	102.6	28.98	107.3	31.29
	27.8	83.6	18.61	90.2	21.34	95.0	23.22	99.7	25.20	102.6	26.58	107.3	28.69
	23.9	83.6	16.56	90.2	18.98	95.0	20.64	99.7	22.38	102.6	23.61	107.3	25.47
	22.2	83.6	15.74	90.2	18.03	95.0	19.60	99.7	21.26	102.6	22.42	107.3	24.18
	21.1	83.6	15.23	90.2	17.44	95.0	18.96	99.7	20.56	102.6	21.67	107.3	23.38
	20.0	83.6	14.73	90.2	16.86	95.0	18.33	99.7	19.87	102.6	20.95	107.3	22.60
	18.3	83.6	14.37	90.2	16.44	95.0	17.87	99.7	19.37	102.6	20.42	107.3	22.02
	16.7	83.6	14.07	90.2	16.10	95.0	17.49	99.7	18.96	102.6	19.99	107.3	21.55
	14.4	83.6	13.71	90.2	15.68	95.0	17.04	99.7	18.47	102.6	19.46	107.3	20.98
	12.2	83.6	13.42	90.2	15.35	95.0	16.67	99.7	18.06	102.6	19.04	107.3	20.52
	10.0	83.6	13.11	90.2	15.00	95.0	16.29	99.7	17.65	102.6	18.60	107.3	20.05
	4.4	83.6	12.77	90.2	14.60	95.0	15.86	99.7	17.18	102.6	18.10	107.3	19.51
	-1.1	83.6	12.48	90.2	14.26	95.0	15.49	99.7	16.78	102.6	17.68	107.3	19.05
	-5.0	83.6	12.28	90.2	14.03	95.0	15.24	99.7	16.51	102.6	17.39	107.3	18.74
	-9.4	83.6	12.06	90.2	13.78	95.0	14.96	99.7	16.21	102.6	17.08	107.3	18.40
	-15.0	83.6	11.84	90.2	13.54	95.0	14.70	99.7	15.92	102.6	16.77	107.3	18.07
80	51.7	39.8	17.76	43.0	20.23	45.2	21.93	47.5	23.71	48.9	24.96	51.1	26.85
	50.0	44.3	18.60	47.9	21.23	50.4	23.03	52.9	24.93	54.4	26.25	56.9	28.27
	47.8	51.0	19.95	55.1	22.83	58.0	24.80	60.9	26.88	62.6	28.34	65.5	30.55
	46.1	56.8	21.18	61.3	24.28	64.5	26.34	67.7	28.66	69.7	30.24	72.9	32.63
	43.3	65.1	22.49	70.3	25.85	74.0	28.17	77.7	30.60	79.9	32.31	83.6	34.91
	41.1	67.8	21.80	73.2	25.06	77.0	27.30	80.9	29.66	83.2	31.32	87.1	33.84
	39.4	69.7	21.27	75.3	24.45	79.3	26.63	83.2	28.94	85.6	30.55	89.6	33.01
	37.2	72.1	20.57	77.8	23.65	81.9	25.76	86.0	27.99	88.5	29.55	92.6	31.93
	35.0	74.3	19.87	80.2	22.85	84.4	24.89	88.6	27.04	91.2	28.55	95.4	30.85
	33.9	74.3	19.18	80.2	22.05	84.4	24.01	88.6	26.08	91.2	27.53	95.4	29.75
	32.8	74.3	18.53	80.2	21.29	84.4	23.18	88.6	25.17	91.2	26.57	95.4	28.70
	30.6	74.3	17.31	80.2	19.87	84.4	21.63	88.6	23.48	91.2	24.78	95.4	26.76
	27.8	74.3	15.91	80.2	18.25	84.4	19.85	88.6	21.54	91.2	22.72	95.4	24.53
	23.9	74.3	14.16	80.2	16.23	84.4	17.65	88.6	19.14	91.2	20.18	95.4	21.77
	22.2	74.3	13.46	80.2	15.42	84.4	16.76	88.6	18.18	91.2	19.17	95.4	20.67
	21.1	74.3	13.02	80.2	14.91	84.4	16.21	88.6	17.58	91.2	18.53	95.4	19.99
	20.0	74.3	12.59	80.2	14.42	84.4	15.67	88.6	16.99	91.2	17.91	95.4	19.32
	18.3	74.3	12.28	80.2	14.06	84.4	15.28	88.6	16.56	91.2	17.46	95.4	18.83
	16.7	74.3	12.03	80.2	13.76	84.4	14.96	88.6	16.21	91.2	17.09	95.4	18.43
	14.4	74.3	11.72	80.2	13.41	84.4	14.57	88.6	15.79	91.2	16.64	95.4	17.94
	12.2	74.3	11.47	80.2	13.12	84.4	14.25	88.6	15.45	91.2	16.28	95.4	17.55
	10.0	74.3	11.21	80.2	12.82	84.4	13.93	88.6	15.09	91.2	15.90	95.4	17.14
	4.4	74.3	10.92	80.2	12.48	84.4	13.56	88.6	14.69	91.2	15.48	95.4	16.68
	-1.1	74.3	10.67	80.2	12.20	84.4	13.24	88.6	14.35	91.2	15.11	95.4	16.29
	-5.0	74.3	10.50	80.2	12.00	84.4	13.03	88.6	14.11	91.2	14.87	95.4	16.02
	-9.4	74.3	10.31	80.2	11.78	84.4	12.79	88.6	13.86	91.2	14.60	95.4	15.73
	-15.0	74.3	10.13	80.2	11.57	84.4	12.57	88.6	13.61	91.2	14.34	95.4	15.45
70	51.7	34.8	14.97	37.6	17.05	39.6	18.48	41.6	19.99	42.8	21.03	44.7	22.63
	50.0	38.8	15.68	41.9	17.89	44.1	19.41	46.3	21.01	47.6	22.13	49.8	23.83
	47.8	44.6	16.81	48.2	19.24	50.7	20.91	53.2	22.66	54.8	23.88	57.3	25.75
	46.1	49.7	17.85	53.6	20.47	56.4	22.20	59.3	24.16	61.0	25.49	63.8	27.51
	43.3	57.0	18.96	61.5	21.79	64.7	23.74	68.0	25.79	69.9	27.23	73.2	29.43
	41.1	59.3	18.37	64.0	21.12	67.4	23.01	70.8	25.00	72.8	26.40	76.2	28.52
	39.4	61.0	17.92	65.9	20.61	69.4	22.45	72.8	24.39	74.9	25.75	78.4	27.83
	37.2	63.1	17.34	68.1	19.93	71.7	21.71	75.3	23.59	77.4	24.91	81.0	26.92
	35.0	65.0	16.75	70.2	19.26	73.9	20.98	77.5	22.79	79.8	24.06	83.5	26.00
	33.9	65.0	16.17	70.2	18.58	73.9	20.24	77.5	21.98	79.8	23.21	83.5	25.07
	32.8	65.0	15.62	70.2	17.94	73.9	19.54	77.5	21.22	79.8	22.39	83.5	24.19
	30.6	65.0	14.59	70.2	16.75	73.9	18.23	77.5	19.79	79.8	20.89	83.5	22.55
	27.8	65.0	13.41	70.2	15.38	73.9	16.73	77.5	18.16	79.8	19.15	83.5	20.67
	23.9	65.0	11.94	70.2	13.68	73.9	14.87	77.5	16.13	79.8	17.01	83.5	18.35
	22.2	65.0	11.34	70.2	12.99	73.9	14.13	77.5	15.32	79.8	16.15	83.5	17.42
	21.1	65.0	10.97	70.2	12.57	73.9	13.66	77.5	14.81	79.8	15.62	83.5	16.85
	20.0	65.0	10.61	70.2	12.15	73.9	13.21	77.5	14.32	79.8	15.10	83.5	16.28
	18.3	65.0	10.35	70.2	11.85	73.9	12.88	77.5	13.96	79.8	14.72	83.5	15.87
	16.7	65.0	10.14	70.2	11.60	73.9	12.61	77.5	13.66	79.8	14.40	83.5	15.53
	14.4	65.0	9.88	70.2	11.30	73.9	12.28	77.5	13.31	79.8	14.03	83.5	15.12
	12.2	65.0	9.67	70.2	11.06	73.9	12.01	77.5	13.02	79.8	13.72	83.5	14.79
	10.0	65.0	9.45	70.2	10.81	73.9	11.74	77.5	12.72	79.8	13.40	83.5	14.45
	4.4	65.0	9.20	70.2	10.52	73.9	11.43	77.5	12.38	79.8	13.04	83.5	14.06
	-1.1	65.0	8.99	70.2	10.28	73.9	11.16	77.5	12.09	79.8	12.74	83.5	13.73
	-5.0	65.0	8.85	70.2	10.11	73.9	10.98	77.5	11.89	79.8	12.53	83.5	13.50
	-9.4	65.0	8.69	70.2	9.93	73.9	10.78	77.5	11.68	79.8	12.31	83.5	13.26
	-15.0	65.0	8.54	70.2	9.75	73.9	10.59	77.5	11.47	79.8	12.09	83.5	13.02

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

COOLING (°C)

MMY-UP3841FT6P-UL/MMY-UP3841FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	53.1	25.63	57.3	29.20	60.3	31.65	63.3	34.22	65.1	36.02	68.2	38.75
	50.0	59.1	26.84	63.8	30.64	67.2	33.24	70.5	35.98	72.6	37.89	75.9	40.80
	47.8	68.0	28.79	73.4	32.94	77.3	35.80	81.1	38.80	83.5	40.89	87.3	44.09
	46.1	75.7	30.56	81.7	35.04	86.0	38.02	90.3	41.37	92.9	43.64	97.2	47.10
	43.3	86.8	32.46	93.7	37.31	98.6	40.65	103.6	44.17	106.5	46.63	111.5	50.38
	41.1	90.4	31.46	97.6	36.17	102.7	39.40	107.9	42.81	110.9	45.20	116.1	48.84
	39.4	93.0	30.69	100.4	35.28	105.7	38.44	111.0	41.76	114.1	44.09	119.4	47.64
	37.2	96.1	29.69	103.8	34.13	109.2	37.18	114.7	40.40	118.0	42.65	123.4	46.08
	35.0	99.0	28.68	106.9	32.97	112.5	35.92	118.2	39.03	121.5	41.20	127.2	44.52
	33.9	99.0	27.69	106.9	31.82	112.5	34.65	118.2	37.64	121.5	39.73	127.2	42.93
	32.8	99.0	26.74	106.9	30.72	112.5	33.45	118.2	36.33	121.5	38.34	127.2	41.42
	30.6	99.0	24.99	106.9	28.68	112.5	31.22	118.2	33.89	121.5	35.76	127.2	38.61
	27.8	99.0	22.96	106.9	26.33	112.5	28.65	118.2	31.09	121.5	32.79	127.2	35.40
	23.9	99.0	20.44	106.9	23.42	112.5	25.47	118.2	27.62	121.5	29.13	127.2	31.42
	22.2	99.0	19.42	106.9	22.25	112.5	24.19	118.2	26.23	121.5	27.66	127.2	29.83
	21.1	99.0	18.79	106.9	21.52	112.5	23.39	118.2	25.37	121.5	26.74	127.2	28.84
	20.0	99.0	18.17	106.9	20.81	112.5	22.62	118.2	24.52	121.5	25.85	127.2	27.88
	18.3	99.0	17.73	106.9	20.29	112.5	22.05	118.2	23.91	121.5	25.20	127.2	27.17
	16.7	99.0	17.36	106.9	19.87	112.5	21.59	118.2	23.40	121.5	24.66	127.2	26.59
	14.4	99.0	16.91	106.9	19.35	112.5	21.03	118.2	22.79	121.5	24.01	127.2	25.89
	12.2	99.0	16.55	106.9	18.94	112.5	20.57	118.2	22.29	121.5	23.49	127.2	25.32
	10.0	99.0	16.18	106.9	18.50	112.5	20.10	118.2	21.78	121.5	22.95	127.2	24.73
	4.4	99.0	15.76	106.9	18.02	112.5	19.57	118.2	21.20	121.5	22.33	127.2	24.07
	-1.1	99.0	15.40	106.9	17.60	112.5	19.11	118.2	20.70	121.5	21.81	127.2	23.50
	-5.0	99.0	15.15	106.9	17.32	112.5	18.80	118.2	20.37	121.5	21.46	127.2	23.12
	-9.4	99.0	14.88	106.9	17.01	112.5	18.47	118.2	20.00	121.5	21.07	127.2	22.70
	-15.0	99.0	14.61	106.9	16.70	112.5	18.14	118.2	19.64	121.5	20.69	127.2	22.30
110	51.7	54.1	25.89	58.5	29.50	61.5	31.97	64.6	34.57	66.5	36.38	69.5	39.14
	50.0	60.3	27.12	65.1	30.95	68.5	33.58	72.0	36.35	74.0	38.27	77.4	41.21
	47.8	69.4	29.08	74.9	33.28	78.8	36.16	82.8	39.20	85.1	41.31	89.1	44.54
	46.1	77.2	30.87	83.3	35.40	87.7	38.41	92.1	41.79	94.7	44.08	99.1	47.58
	43.3	88.5	32.79	95.6	37.70	100.6	41.07	105.6	44.62	108.7	47.10	113.7	50.90
	41.1	92.2	31.78	99.5	36.54	104.8	39.81	110.0	43.25	113.2	45.66	118.4	49.34
	39.4	94.9	31.00	102.4	35.64	107.8	38.83	113.2	42.19	116.4	44.54	121.8	48.13
	37.2	98.0	29.99	105.9	34.48	111.4	37.56	117.0	40.81	120.3	43.08	125.9	46.56
	35.0	101.0	28.97	109.1	33.31	114.8	36.29	120.5	39.43	124.0	41.62	129.7	44.98
	33.9	101.0	27.97	109.1	32.14	114.8	35.01	120.5	38.03	124.0	40.14	129.7	43.37
	32.8	101.0	27.02	109.1	31.03	114.8	33.79	120.5	36.70	124.0	38.73	129.7	41.84
	30.6	101.0	25.24	109.1	28.97	114.8	31.54	120.5	34.24	124.0	36.13	129.7	39.01
	27.8	101.0	23.19	109.1	26.60	114.8	28.94	120.5	31.41	124.0	33.13	129.7	35.76
	23.9	101.0	20.65	109.1	23.66	114.8	25.73	120.5	27.90	124.0	29.42	129.7	31.74
	22.2	101.0	19.62	109.1	22.48	114.8	24.44	120.5	26.50	124.0	27.94	129.7	30.14
	21.1	101.0	18.98	109.1	21.74	114.8	23.63	120.5	25.63	124.0	27.02	129.7	29.14
	20.0	101.0	18.36	109.1	21.02	114.8	22.85	120.5	24.77	124.0	26.12	129.7	28.17
	18.3	101.0	17.91	109.1	20.50	114.8	22.28	120.5	24.15	124.0	25.46	129.7	27.45
	16.7	101.0	17.54	109.1	20.07	114.8	21.81	120.5	23.64	124.0	24.91	129.7	26.86
	14.4	101.0	17.09	109.1	19.55	114.8	21.24	120.5	23.02	124.0	24.26	129.7	26.15
	12.2	101.0	16.72	109.1	19.13	114.8	20.78	120.5	22.52	124.0	23.73	129.7	25.58
	10.0	101.0	16.35	109.1	18.69	114.8	20.30	120.5	22.00	124.0	23.18	129.7	24.99
	4.4	101.0	15.92	109.1	18.20	114.8	19.77	120.5	21.41	124.0	22.56	129.7	24.31
	-1.1	101.0	15.56	109.1	17.78	114.8	19.31	120.5	20.92	124.0	22.04	129.7	23.74
	-5.0	101.0	15.31	109.1	17.49	114.8	19.00	120.5	20.58	124.0	21.68	129.7	23.36
	-9.4	101.0	15.03	109.1	17.18	114.8	18.65	120.5	20.20	124.0	21.29	129.7	22.94
	-15.0	101.0	14.76	109.1	16.87	114.8	18.32	120.5	19.84	124.0	20.91	129.7	22.53
120	51.7	55.7	26.40	60.2	30.08	63.3	32.60	66.5	35.25	68.4	37.10	71.6	39.91
	50.0	62.1	27.65	67.0	31.56	70.5	34.24	74.1	37.06	76.2	39.03	79.7	42.02
	47.8	71.4	29.65	77.1	33.93	81.1	36.87	85.2	39.96	87.6	42.12	91.7	45.42
	46.1	79.5	31.48	85.8	36.10	90.3	39.17	94.8	42.61	97.5	44.95	102.0	48.51
	43.3	91.1	33.43	98.4	38.44	103.6	41.87	108.8	45.49	111.9	48.03	117.0	51.90
	41.1	94.9	32.41	102.5	37.26	107.9	40.59	113.3	44.10	116.5	46.56	121.9	50.31
	39.4	97.6	31.61	105.4	36.34	111.0	39.59	116.5	43.02	119.8	45.42	125.4	49.08
	37.2	100.9	30.58	109.0	35.15	114.7	38.30	120.4	41.61	123.9	43.93	129.6	47.47
	35.0	104.0	29.54	112.3	33.96	118.2	37.00	124.1	40.20	127.6	42.44	133.5	45.86
	33.9	104.0	28.52	112.3	32.77	118.2	35.69	124.1	38.77	127.6	40.93	133.5	44.22
	32.8	104.0	27.55	112.3	31.64	118.2	34.46	124.1	37.42	127.6	39.49	133.5	42.66
	30.6	104.0	25.74	112.3	29.54	118.2	32.16	124.1	34.91	127.6	36.83	133.5	39.77
	27.8	104.0	23.65	112.3	27.12	118.2	29.51	124.1	32.02	127.6	33.78	133.5	36.46
	23.9	104.0	21.05	112.3	24.12	118.2	26.23	124.1	28.45	127.6	30.00	133.5	32.37
	22.2	104.0	20.01	112.3	22.92	118.2	24.92	124.1	27.02	127.6	28.49	133.5	30.73
	21.1	104.0	19.36	112.3	22.17	118.2	24.10	124.1	26.13	127.6	27.55	133.5	29.71
	20.0	104.0	18.72	112.3	21.43	118.2	23.30	124.1	25.26	127.6	26.63	133.5	28.72
	18.3	104.0	18.26	112.3	20.90	118.2	22.72	124.1	24.62	127.6	25.96	133.5	27.99
	16.7	104.0	17.88	112.3	20.46	118.2	22.24	124.1	24.10	127.6	25.40	133.5	27.39
	14.4	104.0	17.42	112.3	19.93	118.2	21.66	124.1	23.47	127.6	24.74	133.5	26.67
	12.2	104.0	17.05	112.3	19.51	118.2	21.19	124.1	22.96	127.6	24.20	133.5	26.08
	10.0	104.0	16.67	112.3	19.06	118.2	20.70	124.1	22.43	127.6	23.64	133.5	25.48
	4.4	104.0	16.23	112.3	18.56	118.2	20.15	124.1	21.83	127.6	23.01	133.5	24.79
	-1.1	104.0	15.86	112.3	18.13	118.2	19.69	124.1	21.33	127.6	22.47	133.5	24.21
	-5.0	104.0	15.61	112.3	17.84	118.2	19.37	124.1	20.98	127.6	22.10	133.5	23.82
	-9.4	104.0	15.33	112.3	17.52	118.2	19.02	124.1	20.60	127.6	21.70	133.5	23.39
	-15.0	104.0	15.05	112.3	17.20	118.2	18.68	124.1	20.23	127.6	21.32	133.5	22.97
130	51.7	57.1	26.78	61.6	30.50	64.8	33.06	68.1	35.75	70.0	37.62	72.6	40.10
	50.0	63.6	28.04	68.6	32.00	72.2	34.72	75.8	37.58	78.0	39.58	80.9	42.22
	47.8	73.1	30.07	78.9	34.42	83.1	37.40	87.2	40.53	89.7	42.72	93.0	45.63
	46.1	81.4	31.92	87.8	36.61	92.5	39.72	97.1	43.22	99.8	45.58	103.5	48.74
	43.3	93.3	33.91	100.7	38.98	106.0	42.47	111.3	46.14	114.5	48.71	118.7	52.15
	41.1	97.2	32.87	104.9	37.79	110.4	41.16	116.0	44.72	119.3	47.22	123.6	50.55
	39.4	100.0	32.06	107.9	36.86	113.6	40.15	119.3	43.63	122.7	46.06	127.2	49.31
	37.2	103.3	31.01	111.6	35.65	117.4	38.84	123.3	42.20	126.8	44.55	131.5	47.69
	35.0	106.5	29.96	114.9	34.44	121.0	37.52	127.0	40.77	130.7	43.04	135.4	46.08
	33.9	106.5	28.92	114.9	33.24	121.0	36.20	127.0	39.32	130.7	41.51	135.4	44.43
	32.8	106.5	27.94	114.9	32.09	121.0	34.94	127.0	37.95	130.7	40.05	135.4	42.86
	30.6	106.5	26.10	114.9	29.96	121.0	32.61	127.0	35.40	130.7	37.36	135.4	39.96
	27.8	106.5	23.98	114.9	27.51	121.0	29.93	127.0	32.48	130.7	34.26	135.4	36.63
	23.9	106.5	21.35	114.9	24.47	121.0	26.60	127.0	28.85	130.7	30.43	135.4	32.52
	22.2	106.5	20.29	114.9	23.24	121.0	25.27	127.0	27.40	130.7	28.89	135.4	30.88
	21.1	106.5	19.63	114.9	22.48	121.0	24.44	127.0	26.50	130.7	27.94	135.4	29.85
	20.0	106.5	18.99	114.9	21.74	121.0	23.63	127.0	25.62	130.7	27.01	135.4	28.85
	18.3	106.5	18.52	114.9	21.20	121.0	23.04	127.0	24.97	130.7	26.33	135.4	28.12
	16.7	106.5	18.13	114.9	20.75	121.0	22.55	127.0	24.44	130.7	25.76	135.4	27.52
	14.4	106.5	17.67	114.9	20.22	121.0	21.96	127.0	23.80	130.7	25.09	135.4	26.79
	12.2	106.5	17.29	114.9	19.78	121.0	21.49	127.0	23.29	130.7	24.54	135.4	26.21
	10.0	106.5	16.90	114.9	19.33	121.0	21.00	127.0	22.75	130.7	23.97	135.4	25.60
	4.4	106.5	16.46	114.9	18.82	121.0	20.44	127.0	22.14	130.7	23.33	135.4	24.91
	-1.1	106.5	16.09	114.9	18.39	121.0	19.97	127.0	21.63	130.7	22.79	135.4	24.33
	-5.0	106.5	15.83	114.9	18.09	121.0	19.64	127.0	21.28	130.7	22.42	135.4	23.93
	-9.4	106.5	15.54	114.9	17.77	121.0	19.29	127.0	20.89	130.7	22.01	135.4	23.50
	-15.0	106.5	15.27	114.9	17.45	121.0	18.95	127.0	20.52	130.7	21.62	135.4	23.08

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	47.8	22.15	51.6	25.24	54.3	27.36	57.0	29.58	58.6	31.13	61.3	33.49
	50.0	53.2	23.20	57.4	26.48	60.5	28.73	63.5	31.10	65.3	32.75	68.3	35.26
	47.8	61.2	24.88	66.1	28.47	69.6	30.94	73.0	33.53	75.1	35.35	78.6	38.11
	46.1	68.1	26.41	73.5	30.29	77.4	32.87	81.3	35.76	83.6	37.71	87.5	40.70
	43.3	78.1	28.05	84.3	32.25	88.8	35.13	93.2	38.17	95.9	40.30	100.3	43.55
	41.1	81.4	27.19	87.8	31.26	92.5	34.06	97.1	37.00	99.8	39.06	104.5	42.21
	39.4	83.7	26.53	90.4	30.50	95.1	33.22	99.9	36.10	102.7	38.11	107.5	41.18
	37.2	86.5	25.66	93.4	29.50	98.3	32.14	103.2	34.92	106.2	36.86	111.1	39.83
	35.0	89.1	24.79	96.2	28.50	101.3	31.05	106.4	33.73	109.4	35.61	114.5	38.48
	33.9	89.1	23.93	96.2	27.50	101.3	29.95	106.4	32.54	109.4	34.34	114.5	37.10
	32.8	89.1	23.11	96.2	26.55	101.3	28.91	106.4	31.40	109.4	33.14	114.5	35.80
	30.6	89.1	21.60	96.2	24.79	101.3	26.98	106.4	29.29	109.4	30.91	114.5	33.37
	27.8	89.1	19.84	96.2	22.76	101.3	24.76	106.4	26.87	109.4	28.34	114.5	30.59
	23.9	89.1	17.66	96.2	20.24	101.3	22.01	106.4	23.87	109.4	25.17	114.5	27.16
	22.2	89.1	16.79	96.2	19.23	101.3	20.91	106.4	22.67	109.4	23.91	114.5	25.79
	21.1	89.1	16.24	96.2	18.60	101.3	20.22	106.4	21.92	109.4	23.11	114.5	24.93
	20.0	89.1	15.71	96.2	17.99	101.3	19.55	106.4	21.19	109.4	22.34	114.5	24.10
	18.3	89.1	15.32	96.2	17.54	101.3	19.06	106.4	20.66	109.4	21.78	114.5	23.49
	16.7	89.1	15.00	96.2	17.17	101.3	18.66	106.4	20.22	109.4	21.32	114.5	22.98
	14.4	89.1	14.62	96.2	16.73	101.3	18.17	106.4	19.69	109.4	20.76	114.5	22.38
	12.2	89.1	14.31	96.2	16.37	101.3	17.78	106.4	19.27	109.4	20.30	114.5	21.89
	10.0	89.1	13.98	96.2	15.99	101.3	17.37	106.4	18.82	109.4	19.83	114.5	21.38
	4.4	89.1	13.62	96.2	15.57	101.3	16.91	106.4	18.32	109.4	19.30	114.5	20.80
	-1.1	89.1	13.31	96.2	15.21	101.3	16.52	106.4	17.89	109.4	18.85	114.5	20.32
	-5.0	89.1	13.10	96.2	14.97	101.3	16.25	106.4	17.60	109.4	18.55	114.5	19.98
	-9.4	89.1	12.86	96.2	14.70	101.3	15.96	106.4	17.29	109.4	18.21	114.5	19.62
	-15.0	89.1	12.63	96.2	14.44	101.3	15.67	106.4	16.98	109.4	17.89	114.5	19.27
80	51.7	42.5	18.94	45.8	21.58	48.3	23.39	50.7	25.29	52.1	26.62	54.5	28.63
	50.0	47.3	19.84	51.1	22.64	53.8	24.56	56.4	26.59	58.0	28.00	60.7	30.15
	47.8	54.4	21.27	58.7	24.34	61.8	26.45	64.9	28.67	66.8	30.22	69.9	32.58
	46.1	60.5	22.58	65.4	25.90	68.8	28.10	72.2	30.57	74.3	32.25	77.7	34.80
	43.3	69.4	23.98	75.0	27.57	78.9	30.04	82.9	32.64	85.2	34.46	89.2	37.23
	41.1	72.3	23.25	78.1	26.73	82.2	29.12	86.3	31.64	88.7	33.40	92.9	36.09
	39.4	74.4	22.68	80.3	26.07	84.5	28.40	88.8	30.86	91.3	32.58	95.5	35.21
	37.2	76.9	21.94	83.0	25.22	87.4	27.48	91.8	29.85	94.4	31.52	98.7	34.06
	35.0	79.2	21.19	85.5	24.37	90.0	26.54	94.5	28.84	97.2	30.45	101.7	32.90
	33.9	79.2	20.46	85.5	23.51	90.0	25.61	94.5	27.82	97.2	29.36	101.7	31.72
	32.8	79.2	19.76	85.5	22.70	90.0	24.72	94.5	26.85	97.2	28.33	101.7	30.61
	30.6	79.2	18.46	85.5	21.19	90.0	23.07	94.5	25.04	97.2	26.43	101.7	28.53
	27.8	79.2	16.97	85.5	19.46	90.0	21.17	94.5	22.97	97.2	24.23	101.7	26.16
	23.9	79.2	15.10	85.5	17.31	90.0	18.82	94.5	20.41	97.2	21.52	101.7	23.22
	22.2	79.2	14.35	85.5	16.44	90.0	17.88	94.5	19.38	97.2	20.44	101.7	22.05
	21.1	79.2	13.89	85.5	15.90	90.0	17.29	94.5	18.74	97.2	19.76	101.7	21.32
	20.0	79.2	13.43	85.5	15.38	90.0	16.71	94.5	18.12	97.2	19.10	101.7	20.60
	18.3	79.2	13.10	85.5	14.99	90.0	16.30	94.5	17.67	97.2	18.62	101.7	20.08
	16.7	79.2	12.83	85.5	14.68	90.0	15.95	94.5	17.29	97.2	18.22	101.7	19.65
	14.4	79.2	12.50	85.5	14.30	90.0	15.54	94.5	16.84	97.2	17.75	101.7	19.13
	12.2	79.2	12.23	85.5	13.99	90.0	15.20	94.5	16.47	97.2	17.36	101.7	18.71
	10.0	79.2	11.96	85.5	13.67	90.0	14.85	94.5	16.09	97.2	16.96	101.7	18.28
	4.4	79.2	11.65	85.5	13.31	90.0	14.46	94.5	15.66	97.2	16.50	101.7	17.79
	-1.1	79.2	11.38	85.5	13.01	90.0	14.12	94.5	15.30	97.2	16.12	101.7	17.37
	-5.0	79.2	11.20	85.5	12.80	90.0	13.90	94.5	15.05	97.2	15.86	101.7	17.09
	-9.4	79.2	11.00	85.5	12.57	90.0	13.65	94.5	14.78	97.2	15.57	101.7	16.78
	-15.0	79.2	10.80	85.5	12.34	90.0	13.40	94.5	14.52	97.2	15.29	101.7	16.48
70	51.7	37.2	15.96	40.1	18.19	42.2	19.71	44.3	21.32	45.6	22.43	47.7	24.13
	50.0	41.4	16.72	44.7	19.08	47.0	20.70	49.4	22.41	50.8	23.60	53.1	25.41
	47.8	47.6	17.93	51.4	20.52	54.1	22.30	56.8	24.17	58.4	25.47	61.1	27.46
	46.1	53.0	19.03	57.2	21.83	60.2	23.68	63.2	25.77	65.0	27.18	68.0	29.33
	43.3	60.8	20.22	65.6	23.24	69.1	25.32	72.5	27.51	74.6	29.04	78.0	31.38
	41.1	63.3	19.60	68.3	22.53	71.9	24.54	75.5	26.67	77.7	28.15	81.3	30.42
	39.4	65.1	19.12	70.3	21.98	74.0	23.94	77.7	26.01	79.9	27.46	83.6	29.67
	37.2	67.3	18.49	72.6	21.26	76.5	23.16	80.3	25.16	82.6	26.56	86.4	28.70
	35.0	69.3	17.86	74.8	20.54	78.8	22.37	82.7	24.31	85.1	25.66	89.0	27.73
	33.9	69.3	17.24	74.8	19.82	78.8	21.58	82.7	23.45	85.1	24.75	89.0	26.74
	32.8	69.3	16.66	74.8	19.13	78.8	20.83	82.7	22.63	85.1	23.88	89.0	25.80
	30.6	69.3	15.56	74.8	17.86	78.8	19.44	82.7	21.11	85.1	22.27	89.0	24.05
	27.8	69.3	14.30	74.8	16.40	78.8	17.84	82.7	19.36	85.1	20.43	89.0	22.05
	23.9	69.3	12.73	74.8	14.59	78.8	15.86	82.7	17.20	85.1	18.14	89.0	19.57
	22.2	69.3	12.10	74.8	13.86	78.8	15.07	82.7	16.34	85.1	17.23	89.0	18.58
	21.1	69.3	11.70	74.8	13.40	78.8	14.57	82.7	15.80	85.1	16.66	89.0	17.97
	20.0	69.3	11.32	74.8	12.96	78.8	14.09	82.7	15.27	85.1	16.10	89.0	17.37
	18.3	69.3	11.04	74.8	12.64	78.8	13.74	82.7	14.89	85.1	15.70	89.0	16.92
	16.7	69.3	10.81	74.8	12.37	78.8	13.44	82.7	14.57	85.1	15.36	89.0	16.56
	14.4	69.3	10.54	74.8	12.05	78.8	13.10	82.7	14.19	85.1	14.96	89.0	16.12
	12.2	69.3	10.31	74.8	11.79	78.8	12.81	82.7	13.88	85.1	14.63	89.0	15.77
	10.0	69.3	10.08	74.8	11.53	78.8	12.52	82.7	13.56	85.1	14.29	89.0	15.41
	4.4	69.3	9.82	74.8	11.22	78.8	12.19	82.7	13.20	85.1	13.91	89.0	14.99
	-1.1	69.3	9.59	74.8	10.96	78.8	11.90	82.7	12.90	85.1	13.59	89.0	14.64
	-5.0	69.3	9.44	74.8	10.79	78.8	11.71	82.7	12.69	85.1	13.37	89.0	14.40
	-9.4	69.3	9.27	74.8	10.59	78.8	11.50	82.7	12.46	85.1	13.12	89.0	14.14
	-15.0	69.3	9.10	74.8	10.40	78.8	11.30	82.7	12.23	85.1	12.89	89.0	13.89

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to

COOLING (°C)

MMY-UP4081FT6P-UL/MMY-UP4081FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	56.4	28.73	60.9	32.54	64.1	35.15	67.3	37.88	69.2	39.77	72.4	42.64
	50.0	62.8	29.98	67.8	34.01	71.4	36.77	75.0	39.66	77.1	41.66	80.7	44.70
	47.8	72.2	31.99	78.0	36.37	82.1	39.36	86.2	42.50	88.7	44.68	92.8	48.00
	46.1	80.4	33.80	86.8	38.50	91.4	41.61	96.0	45.08	98.7	47.42	103.3	50.98
	43.3	92.2	35.69	99.6	40.74	104.8	44.20	110.1	47.82	113.2	50.34	118.4	54.18
	41.1	96.0	34.60	103.7	39.49	109.1	42.84	114.6	46.35	117.9	48.80	123.3	52.52
	39.4	98.8	33.75	106.7	38.52	112.3	41.79	117.9	45.22	121.3	47.60	126.9	51.23
	37.2	102.1	32.64	110.3	37.26	116.1	40.42	121.9	43.74	125.3	46.04	131.1	49.56
	35.0	105.2	31.53	113.6	36.00	119.6	39.05	125.6	42.25	129.1	44.48	135.1	47.88
	33.9	105.2	30.47	113.6	34.77	119.6	37.71	125.6	40.80	129.1	42.95	135.1	46.21
	32.8	105.2	29.46	113.6	33.61	119.6	36.44	125.6	39.42	129.1	41.49	135.1	44.63
	30.6	105.2	27.57	113.6	31.43	119.6	34.07	125.6	36.84	129.1	38.77	135.1	41.70
	27.8	105.2	25.38	113.6	28.92	119.6	31.33	125.6	33.87	129.1	35.63	135.1	38.31
	23.9	105.2	22.64	113.6	25.77	119.6	27.92	125.6	30.16	129.1	31.72	135.1	34.09
	22.2	105.2	21.54	113.6	24.51	119.6	26.54	125.6	28.67	129.1	30.15	135.1	32.40
	21.1	105.2	20.84	113.6	23.71	119.6	25.68	125.6	27.74	129.1	29.16	135.1	31.34
	20.0	105.2	20.17	113.6	22.94	119.6	24.84	125.6	26.83	129.1	28.21	135.1	30.31
	18.3	105.2	19.68	113.6	22.38	119.6	24.23	125.6	26.17	129.1	27.51	135.1	29.56
	16.7	105.2	19.28	113.6	21.93	119.6	23.73	125.6	25.63	129.1	26.94	135.1	28.94
	14.4	105.2	18.80	113.6	21.37	119.6	23.13	125.6	24.97	129.1	26.25	135.1	28.20
	12.2	105.2	18.41	113.6	20.92	119.6	22.64	125.6	24.45	129.1	25.70	135.1	27.60
	10.0	105.2	18.00	113.6	20.46	119.6	22.14	125.6	23.89	129.1	25.11	135.1	26.97
	4.4	105.2	17.55	113.6	19.93	119.6	21.57	125.6	23.28	129.1	24.46	135.1	26.26
	-1.1	105.2	17.15	113.6	19.48	119.6	21.08	125.6	22.74	129.1	23.90	135.1	25.66
	-5.0	105.2	16.88	113.6	19.17	119.6	20.74	125.6	22.38	129.1	23.52	135.1	25.25
	-9.4	105.2	16.58	113.6	18.83	119.6	20.37	125.6	21.98	129.1	23.09	135.1	24.79
	-15.0	105.2	16.28	113.6	18.49	119.6	20.00	125.6	21.59	129.1	22.68	135.1	24.35
110	51.7	57.5	29.02	62.1	32.87	65.4	35.51	68.6	38.26	70.6	40.17	73.9	43.07
	50.0	64.1	30.29	69.2	34.36	72.8	37.15	76.5	40.06	78.6	42.08	82.3	45.15
	47.8	73.7	32.31	79.6	36.74	83.8	39.77	87.9	42.94	90.4	45.14	94.6	48.49
	46.1	82.0	34.14	88.6	38.89	93.2	42.04	97.9	45.54	100.7	47.91	105.3	51.51
	43.3	94.1	36.06	101.6	41.16	106.9	44.65	112.3	48.31	115.4	50.86	120.8	54.73
	41.1	98.0	34.95	105.8	39.89	111.3	43.28	116.9	46.83	120.2	49.30	125.8	53.06
	39.4	100.8	34.09	108.8	38.92	114.5	42.22	120.3	45.68	123.7	48.09	129.4	51.76
	37.2	104.2	32.98	112.5	37.64	118.4	40.83	124.3	44.19	127.8	46.51	133.8	50.06
	35.0	107.3	31.86	115.9	36.36	122.0	39.45	128.1	42.69	131.7	44.94	137.8	48.36
	33.9	107.3	30.78	115.9	35.13	122.0	38.10	128.1	41.22	131.7	43.38	137.8	46.69
	32.8	107.3	29.76	115.9	33.95	122.0	36.82	128.1	39.82	131.7	41.91	137.8	45.09
	30.6	107.3	27.86	115.9	31.75	122.0	34.42	128.1	37.22	131.7	39.16	137.8	42.12
	27.8	107.3	25.64	115.9	29.21	122.0	31.65	128.1	34.21	131.7	35.99	137.8	38.70
	23.9	107.3	22.88	115.9	26.04	122.0	28.20	128.1	30.47	131.7	32.04	137.8	34.44
	22.2	107.3	21.76	115.9	24.76	122.0	26.81	128.1	28.96	131.7	30.46	137.8	32.73
	21.1	107.3	21.06	115.9	23.96	122.0	25.94	128.1	28.02	131.7	29.46	137.8	31.66
	20.0	107.3	20.37	115.9	23.18	122.0	25.09	128.1	27.10	131.7	28.49	137.8	30.62
	18.3	107.3	19.88	115.9	22.61	122.0	24.48	128.1	26.44	131.7	27.79	137.8	29.86
	16.7	107.3	19.48	115.9	22.15	122.0	23.98	128.1	25.89	131.7	27.22	137.8	29.24
	14.4	107.3	18.99	115.9	21.59	122.0	23.37	128.1	25.23	131.7	26.52	137.8	28.49
	12.2	107.3	18.60	115.9	21.14	122.0	22.88	128.1	24.70	131.7	25.96	137.8	27.88
	10.0	107.3	18.19	115.9	20.67	122.0	22.36	128.1	24.14	131.7	25.37	137.8	27.24
	4.4	107.3	17.73	115.9	20.14	122.0	21.79	128.1	23.51	131.7	24.71	137.8	26.53
	-1.1	107.3	17.33	115.9	19.68	122.0	21.29	128.1	22.98	131.7	24.15	137.8	25.92
	-5.0	107.3	17.05	115.9	19.37	122.0	20.95	128.1	22.61	131.7	23.76	137.8	25.51
	-9.4	107.3	16.75	115.9	19.02	122.0	20.57	128.1	22.20	131.7	23.33	137.8	25.05
	-15.0	107.3	16.45	115.9	18.68	122.0	20.21	128.1	21.81	131.7	22.91	137.8	24.60
120	51.7	59.2	29.59	63.9	33.52	67.3	36.21	70.7	39.02	72.7	40.96	76.0	43.92
	50.0	66.0	30.88	71.2	35.04	75.0	37.88	78.7	40.85	80.9	42.91	84.7	46.04
	47.8	75.9	32.95	81.9	37.46	86.2	40.55	90.5	43.78	93.1	46.03	97.4	49.44
	46.1	84.4	34.81	91.2	39.65	96.0	42.86	100.7	46.44	103.6	48.85	108.4	52.52
	43.3	96.8	36.76	104.5	41.96	110.1	45.52	115.6	49.26	118.8	51.85	124.3	55.81
	41.1	100.8	35.64	108.9	40.68	114.6	44.13	120.3	47.75	123.8	50.26	129.5	54.10
	39.4	103.7	34.76	112.0	39.68	117.9	43.05	123.8	46.58	127.3	49.03	133.2	52.77
	37.2	107.2	33.62	115.8	38.38	121.9	41.64	128.0	45.05	131.6	47.43	137.7	51.05
	35.0	110.5	32.48	119.3	37.08	125.6	40.22	131.8	43.52	135.6	45.82	141.9	49.31
	33.9	110.5	31.39	119.3	35.82	125.6	38.85	131.8	42.03	135.6	44.24	141.9	47.60
	32.8	110.5	30.35	119.3	34.62	125.6	37.54	131.8	40.60	135.6	42.73	141.9	45.98
	30.6	110.5	28.40	119.3	32.38	125.6	35.10	131.8	37.95	135.6	39.93	141.9	42.95
	27.8	110.5	26.15	119.3	29.79	125.6	32.28	131.8	34.89	135.6	36.70	141.9	39.46
	23.9	110.5	23.32	119.3	26.55	125.6	28.76	131.8	31.07	135.6	32.67	141.9	35.12
	22.2	110.5	22.18	119.3	25.24	125.6	27.34	131.8	29.53	135.6	31.05	141.9	33.37
	21.1	110.5	21.47	119.3	24.43	125.6	26.45	131.8	28.57	135.6	30.04	141.9	32.28
	20.0	110.5	20.77	119.3	23.63	125.6	25.59	131.8	27.63	135.6	29.05	141.9	31.22
	18.3	110.5	20.27	119.3	23.06	125.6	24.96	131.8	26.96	135.6	28.34	141.9	30.45
	16.7	110.5	19.86	119.3	22.58	125.6	24.45	131.8	26.40	135.6	27.75	141.9	29.81
	14.4	110.5	19.37	119.3	22.02	125.6	23.83	131.8	25.73	135.6	27.04	141.9	29.04
	12.2	110.5	18.96	119.3	21.55	125.6	23.33	131.8	25.18	135.6	26.47	141.9	28.42
	10.0	110.5	18.54	119.3	21.07	125.6	22.80	131.8	24.61	135.6	25.87	141.9	27.78
	4.4	110.5	18.07	119.3	20.53	125.6	22.21	131.8	23.98	135.6	25.20	141.9	27.05
	-1.1	110.5	17.67	119.3	20.07	125.6	21.71	131.8	23.43	135.6	24.62	141.9	26.43
	-5.0	110.5	17.38	119.3	19.75	125.6	21.36	131.8	23.05	135.6	24.22	141.9	26.01
	-9.4	110.5	17.07	119.3	19.39	125.6	20.98	131.8	22.64	135.6	23.79	141.9	25.54
	-15.0	110.5	16.77	119.3	19.05	125.6	20.60	131.8	22.23	135.6	23.36	141.9	25.08
130	51.7	60.6	30.01	65.5	33.99	68.9	36.72	72.3	39.57	74.4	41.54	77.1	44.12
	50.0	67.5	31.32	72.9	35.53	76.7	38.41	80.6	41.43	82.9	43.52	85.9	46.26
	47.8	77.7	33.41	83.9	37.99	88.3	41.12	92.7	44.40	95.3	46.68	98.8	49.67
	46.1	86.4	35.31	93.3	40.22	98.2	43.47	103.1	47.10	106.1	49.54	110.0	52.77
	43.3	99.1	37.28	107.0	42.56	112.7	46.17	118.3	49.96	121.7	52.59	126.1	56.07
	41.1	103.2	36.14	111.5	41.25	117.3	44.75	123.2	48.42	126.7	50.98	131.3	54.36
	39.4	106.2	35.26	114.7	40.24	120.7	43.66	126.7	47.24	130.3	49.73	135.1	53.02
	37.2	109.8	34.10	118.5	38.93	124.8	42.23	131.0	45.69	134.7	48.10	139.7	51.29
	35.0	113.1	32.94	122.1	37.60	128.5	40.79	135.0	44.14	138.8	46.47	143.9	49.55
	33.9	113.1	31.83	122.1	36.32	128.5	39.40	135.0	42.62	138.8	44.86	143.9	47.83
	32.8	113.1	30.78	122.1	35.11	128.5	38.07	135.0	41.18	138.8	43.34	143.9	46.19
	30.6	113.1	28.81	122.1	32.84	128.5	35.60	135.0	38.49	138.8	40.50	143.9	43.15
	27.8	113.1	26.52	122.1	30.21	128.5	32.73	135.0	35.38	138.8	37.22	143.9	39.65
	23.9	113.1	23.66	122.1	26.93	128.5	29.16	135.0	31.51	138.8	33.14	143.9	35.28
	22.2	113.1	22.50	122.1	25.60	128.5	27.73	135.0	29.95	138.8	31.49	143.9	33.53
	21.1	113.1	21.78	122.1	24.77	128.5	26.83	135.0	28.98	138.8	30.47	143.9	32.43
	20.0	113.1	21.07	122.1	23.97	128.5	25.95	135.0	28.03	138.8	29.47	143.9	31.36
	18.3	113.1	20.56	122.1	23.38	128.5	25.32	135.0	27.34	138.8	28.74	143.9	30.59
	16.7	113.1	20.14	122.1	22.90	128.5	24.79	135.0	26.77	138.8	28.14	143.9	29.95
	14.4	113.1	19.64	122.1	22.33	128.5	24.17	135.0	26.09	138.8	27.43	143.9	29.18
	12.2	113.1	19.23	122.1	21.86	128.5	23.66	135.0	25.54	138.8	26.84	143.9	28.56
	10.0	113.1	18.81	122.1	21.37	128.5	23.12	135.0	24.96	138.8	26.24	143.9	27.91
	4.4	113.1	18.33	122.1	20.82	128.5	22.53	135.0	24.32	138.8	25.55	143.9	27.18
	-1.1	113.1	17.92	122.1	20.35	128.5	22.02	135.0	23.76	138.8	24.97	143.9	26.56
	-5.0	113.1	17.63	122.1	20.03	128.5	21.66	135.0	23.38	138.8	24.57	143.9	26.13
	-9.4	113.1	17.32	122.1	19.67	128.5	21.28	135.0	22.96	138.8	24.13	143.9	25.66
	-15.0	113.1	17.01	122.1	19.32	128.5	20.90	135.0	22.55	138.8	23.70	143.9	25.20

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	50.8	24.83	54.8	28.13	57.7	30.38	60.6	32.74	62.3	34.37	65.2	36.85
	50.0	56.5	25.91	61.0	29.40	64.2	31.78	67.5	34.28	69.4	36.00	72.6	38.63
	47.8	65.0	27.65	70.2	31.43	73.9	34.02	77.6	36.74	79.8	38.62	83.5	41.48
	46.1	72.4	29.21	78.1	33.27	82.2	35.97	86.4	38.96	88.8	40.99	92.9	44.07
	43.3	83.0	30.85	89.6	35.21	94.3	38.20	99.0	41.33	101.9	43.51	106.6	46.83
	41.1	86.4	29.90	93.3	34.13	98.2	37.03	103.1	40.06	106.1	42.18	111.0	45.39
	39.4	88.9	29.17	96.0	33.30	101.1	36.12	106.1	39.08	109.1	41.14	114.2	44.28
	37.2	91.9	28.21	99.2	32.21	104.5	34.94	109.7	37.80	112.8	39.80	118.0	42.83
	35.0	94.7	27.26	102.2	31.11	107.6	33.75	113.0	36.52	116.2	38.45	121.6	41.38
	33.9	94.7	26.34	102.2	30.05	107.6	32.60	113.0	35.26	116.2	37.12	121.6	39.94
	32.8	94.7	25.46	102.2	29.05	107.6	31.50	113.0	34.07	116.2	35.86	121.6	38.58
	30.6	94.7	23.83	102.2	27.17	107.6	29.45	113.0	31.84	116.2	33.51	121.6	36.04
	27.8	94.7	21.94	102.2	24.99	107.6	27.08	113.0	29.27	116.2	30.79	121.6	33.11
	23.9	94.7	19.57	102.2	22.28	107.6	24.13	113.0	26.07	116.2	27.42	121.6	29.46
	22.2	94.7	18.61	102.2	21.18	107.6	22.94	113.0	24.78	116.2	26.06	121.6	28.00
	21.1	94.7	18.02	102.2	20.50	107.6	22.19	113.0	23.97	116.2	25.21	121.6	27.09
	20.0	94.7	17.43	102.2	19.83	107.6	21.47	113.0	23.19	116.2	24.38	121.6	26.19
	18.3	94.7	17.01	102.2	19.35	107.6	20.95	113.0	22.62	116.2	23.78	121.6	25.55
	16.7	94.7	16.67	102.2	18.95	107.6	20.51	113.0	22.15	116.2	23.29	121.6	25.01
	14.4	94.7	16.25	102.2	18.47	107.6	19.99	113.0	21.59	116.2	22.69	121.6	24.37
	12.2	94.7	15.91	102.2	18.09	107.6	19.57	113.0	21.13	116.2	22.21	121.6	23.85
	10.0	94.7	15.56	102.2	17.68	107.6	19.13	113.0	20.65	116.2	21.71	121.6	23.31
	4.4	94.7	15.17	102.2	17.23	107.6	18.64	113.0	20.12	116.2	21.14	121.6	22.70
	-1.1	94.7	14.82	102.2	16.84	107.6	18.22	113.0	19.66	116.2	20.66	121.6	22.18
	-5.0	94.7	14.59	102.2	16.57	107.6	17.92	113.0	19.34	116.2	20.33	121.6	21.82
	-9.4	94.7	14.33	102.2	16.27	107.6	17.60	113.0	19.00	116.2	19.96	121.6	21.43
	-15.0	94.7	14.07	102.2	15.98	107.6	17.29	113.0	18.66	116.2	19.61	121.6	21.05
80	51.7	45.1	21.23	48.7	24.05	51.3	25.97	53.8	27.99	55.4	29.39	57.9	31.51
	50.0	50.3	22.15	54.3	25.13	57.1	27.17	60.0	29.31	61.7	30.78	64.5	33.03
	47.8	57.8	23.64	62.4	26.87	65.7	29.09	69.0	31.41	70.9	33.02	74.2	35.47
	46.1	64.3	24.98	69.5	28.45	73.1	30.75	76.8	33.31	78.9	35.04	82.6	37.68
	43.3	73.8	26.37	79.7	30.11	83.8	32.66	88.0	35.34	90.5	37.20	94.7	40.04
	41.1	76.8	25.57	83.0	29.18	87.3	31.66	91.7	34.25	94.3	36.06	98.7	38.81
	39.4	79.0	24.94	85.3	28.47	89.8	30.88	94.3	33.42	97.0	35.18	101.5	37.86
	37.2	81.7	24.12	88.2	27.54	92.9	29.87	97.5	32.32	100.3	34.03	104.9	36.62
	35.0	84.2	23.30	90.9	26.60	95.7	28.86	100.4	31.22	103.3	32.87	108.1	35.38
	33.9	84.2	22.52	90.9	25.70	95.7	27.87	100.4	30.15	103.3	31.74	108.1	34.15
	32.8	84.2	21.77	90.9	24.83	95.7	26.93	100.4	29.13	103.3	30.66	108.1	32.98
	30.6	84.2	20.38	90.9	23.23	95.7	25.18	100.4	27.23	103.3	28.65	108.1	30.81
	27.8	84.2	18.76	90.9	21.37	95.7	23.16	100.4	25.03	103.3	26.33	108.1	28.31
	23.9	84.2	16.73	90.9	19.05	95.7	20.63	100.4	22.29	103.3	23.44	108.1	25.19
	22.2	84.2	15.92	90.9	18.11	95.7	19.61	100.4	21.19	103.3	22.28	108.1	23.94
	21.1	84.2	15.40	90.9	17.52	95.7	18.98	100.4	20.50	103.3	21.55	108.1	23.16
	20.0	84.2	14.90	90.9	16.95	95.7	18.36	100.4	19.82	103.3	20.84	108.1	22.39
	18.3	84.2	14.55	90.9	16.54	95.7	17.91	100.4	19.34	103.3	20.33	108.1	21.84
	16.7	84.2	14.25	90.9	16.20	95.7	17.54	100.4	18.94	103.3	19.91	108.1	21.39
	14.4	84.2	13.89	90.9	15.79	95.7	17.09	100.4	18.46	103.3	19.40	108.1	20.84
	12.2	84.2	13.60	90.9	15.46	95.7	16.73	100.4	18.06	103.3	18.99	108.1	20.39
	10.0	84.2	13.30	90.9	15.12	95.7	16.36	100.4	17.66	103.3	18.56	108.1	19.93
	4.4	84.2	12.97	90.9	14.73	95.7	15.94	100.4	17.20	103.3	18.08	108.1	19.41
	-1.1	84.2	12.67	90.9	14.40	95.7	15.57	100.4	16.81	103.3	17.66	108.1	18.96
	-5.0	84.2	12.47	90.9	14.17	95.7	15.32	100.4	16.54	103.3	17.38	108.1	18.66
	-9.4	84.2	12.25	90.9	13.91	95.7	15.05	100.4	16.24	103.3	17.07	108.1	18.32
	-15.0	84.2	12.03	90.9	13.66	95.7	14.78	100.4	15.95	103.3	16.76	108.1	18.00
70	51.7	39.5	17.89	42.6	20.27	44.9	21.89	47.1	23.59	48.5	24.77	50.7	26.56
	50.0	44.0	18.67	47.5	21.18	50.0	22.90	52.5	24.70	54.0	25.95	56.5	27.84
	47.8	50.6	19.92	54.6	22.65	57.5	24.52	60.3	26.47	62.1	27.83	64.9	29.89
	46.1	56.3	21.05	60.8	23.98	64.0	25.92	67.2	28.08	69.1	29.54	72.3	31.76
	43.3	64.6	22.23	69.7	25.37	73.4	27.53	77.0	29.79	79.2	31.36	82.9	33.75
	41.1	67.2	21.55	72.6	24.60	76.4	26.68	80.2	28.87	82.5	30.39	86.3	32.71
	39.4	69.2	21.02	74.7	23.99	78.6	26.03	82.5	28.16	84.9	29.65	88.8	31.91
	37.2	71.5	20.33	77.2	23.21	81.2	25.18	85.3	27.24	87.7	28.68	91.8	30.87
	35.0	73.7	19.64	79.5	22.42	83.7	24.32	87.9	26.32	90.4	27.71	94.6	29.82
	33.9	73.7	18.98	79.5	21.66	83.7	23.49	87.9	25.41	90.4	26.75	94.6	28.78
	32.8	73.7	18.35	79.5	20.93	83.7	22.70	87.9	24.55	90.4	25.84	94.6	27.80
	30.6	73.7	17.17	79.5	19.58	83.7	21.22	87.9	22.95	90.4	24.15	94.6	25.97
	27.8	73.7	15.81	79.5	18.01	83.7	19.52	87.9	21.09	90.4	22.19	94.6	23.86
	23.9	73.7	14.10	79.5	16.05	83.7	17.39	87.9	18.79	90.4	19.76	94.6	21.23
	22.2	73.7	13.41	79.5	15.26	83.7	16.53	87.9	17.86	90.4	18.78	94.6	20.18
	21.1	73.7	12.98	79.5	14.77	83.7	15.99	87.9	17.28	90.4	18.17	94.6	19.52
	20.0	73.7	12.56	79.5	14.29	83.7	15.47	87.9	16.71	90.4	17.57	94.6	18.88
	18.3	73.7	12.26	79.5	13.94	83.7	15.09	87.9	16.30	90.4	17.14	94.6	18.41
	16.7	73.7	12.01	79.5	13.66	83.7	14.78	87.9	15.96	90.4	16.78	94.6	18.03
	14.4	73.7	11.71	79.5	13.31	83.7	14.41	87.9	15.56	90.4	16.35	94.6	17.56
	12.2	73.7	11.47	79.5	13.03	83.7	14.10	87.9	15.23	90.4	16.00	94.6	17.19
	10.0	73.7	11.21	79.5	12.74	83.7	13.79	87.9	14.88	90.4	15.64	94.6	16.80
	4.4	73.7	10.93	79.5	12.42	83.7	13.43	87.9	14.50	90.4	15.24	94.6	16.36
	-1.1	73.7	10.68	79.5	12.13	83.7	13.13	87.9	14.17	90.4	14.89	94.6	15.98
	-5.0	73.7	10.51	79.5	11.94	83.7	12.92	87.9	13.94	90.4	14.65	94.6	15.73
	-9.4	73.7	10.32	79.5	11.73	83.7	12.68	87.9	13.69	90.4	14.38	94.6	15.44
	-15.0	73.7	10.14	79.5	11.52	83.7	12.46	87.9	13.44	90.4	14.13	94.6	15.17

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to

MMY-UP4321FT6P-UL/MMY-UP4321FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	59.7	30.48	64.5	34.73	67.9	37.64	71.3	40.70	73.3	42.83	76.7	45.99
	50.0	66.5	31.92	71.8	36.44	75.6	39.53	79.4	42.79	81.6	45.05	85.4	48.42
	47.8	76.5	34.23	82.6	39.18	86.9	42.57	91.3	46.14	93.9	48.63	98.2	52.32
	46.1	85.1	36.34	91.9	41.68	96.8	45.24	101.6	49.20	104.5	51.89	109.3	55.89
	43.3	97.6	38.60	105.4	44.38	111.0	48.35	116.5	52.53	119.8	55.45	125.4	59.79
	41.1	101.7	37.41	109.8	43.02	115.6	46.86	121.3	50.92	124.8	53.75	130.6	57.95
	39.4	104.6	36.50	112.9	41.96	118.9	45.71	124.8	49.67	128.4	52.43	134.3	56.53
	37.2	108.1	35.30	116.7	40.59	122.9	44.22	129.0	48.04	132.7	50.72	138.9	54.68
	35.0	111.4	34.10	120.3	39.21	126.6	42.72	132.9	46.42	136.7	49.00	143.1	52.83
	33.9	111.4	32.92	120.3	37.84	126.6	41.21	132.9	44.77	136.7	47.25	143.1	50.94
	32.8	111.4	31.80	120.3	36.53	126.6	39.78	132.9	43.21	136.7	45.60	143.1	49.15
	30.6	111.4	29.71	120.3	34.11	126.6	37.13	132.9	40.31	136.7	42.52	143.1	45.82
	27.8	111.4	27.30	120.3	31.32	126.6	34.07	132.9	36.98	136.7	39.00	143.1	42.00
	23.9	111.4	24.30	120.3	27.85	126.6	30.29	132.9	32.85	136.7	34.64	143.1	37.29
	22.2	111.4	23.10	120.3	26.46	126.6	28.77	132.9	31.20	136.7	32.89	143.1	35.40
	21.1	111.4	22.35	120.3	25.59	126.6	27.82	132.9	30.17	136.7	31.80	143.1	34.23
	20.0	111.4	21.61	120.3	24.75	126.6	26.90	132.9	29.16	136.7	30.74	143.1	33.09
	18.3	111.4	21.08	120.3	24.13	126.6	26.23	132.9	28.43	136.7	29.97	143.1	32.25
	16.7	111.4	20.64	120.3	23.63	126.6	25.67	132.9	27.83	136.7	29.33	143.1	31.56
	14.4	111.4	20.11	120.3	23.02	126.6	25.01	132.9	27.10	136.7	28.56	143.1	30.72
	12.2	111.4	19.69	120.3	22.52	126.6	24.46	132.9	26.51	136.7	27.94	143.1	30.05
	10.0	111.4	19.24	120.3	22.01	126.6	23.90	132.9	25.90	136.7	27.29	143.1	29.35
	4.4	111.4	18.74	120.3	21.43	126.6	23.27	132.9	25.21	136.7	26.56	143.1	28.56
	-1.1	111.4	18.31	120.3	20.93	126.6	22.73	132.9	24.62	136.7	25.94	143.1	27.89
	-5.0	111.4	18.02	120.3	20.60	126.6	22.36	132.9	24.22	136.7	25.52	143.1	27.44
	-9.4	111.4	17.69	120.3	20.23	126.6	21.96	132.9	23.79	136.7	25.06	143.1	26.94
	-15.0	111.4	17.38	120.3	19.86	126.6	21.57	132.9	23.36	136.7	24.61	143.1	26.46
110	51.7	60.9	30.79	65.8	35.08	69.2	38.03	72.7	41.12	74.8	43.27	78.2	46.46
	50.0	67.8	32.25	73.2	36.81	77.1	39.94	81.0	43.23	83.3	45.51	87.1	48.91
	47.8	78.0	34.58	84.2	39.58	88.7	43.01	93.1	46.62	95.8	49.13	100.2	52.86
	46.1	86.8	36.71	93.8	42.11	98.7	45.70	103.6	49.70	106.6	52.42	111.5	56.46
	43.3	99.6	38.99	107.5	44.83	113.2	48.84	118.9	53.06	122.2	56.01	127.9	60.40
	41.1	103.7	37.79	112.0	43.46	117.9	47.34	123.8	51.44	127.3	54.30	133.2	58.55
	39.4	106.7	36.87	115.2	42.39	121.3	46.18	127.3	50.18	130.9	52.97	137.0	57.11
	37.2	110.3	35.66	119.1	41.00	125.4	44.67	131.6	48.54	135.4	51.23	141.6	55.24
	35.0	113.6	34.45	122.7	39.61	129.1	43.16	135.6	46.89	139.5	49.50	145.9	53.37
	33.9	113.6	33.26	122.7	38.23	129.1	41.63	135.6	45.23	139.5	47.73	145.9	51.46
	32.8	113.6	32.13	122.7	36.91	129.1	40.19	135.6	43.65	139.5	46.06	145.9	49.65
	30.6	113.6	30.02	122.7	34.46	129.1	37.51	135.6	40.72	139.5	42.96	145.9	46.29
	27.8	113.6	27.58	122.7	31.64	129.1	34.42	135.6	37.35	139.5	39.40	145.9	42.43
	23.9	113.6	24.55	122.7	28.14	129.1	30.60	135.6	33.19	139.5	34.99	145.9	37.67
	22.2	113.6	23.33	122.7	26.73	129.1	29.06	135.6	31.52	139.5	33.23	145.9	35.77
	21.1	113.6	22.57	122.7	25.86	129.1	28.11	135.6	30.48	139.5	32.13	145.9	34.58
	20.0	113.6	21.83	122.7	25.00	129.1	27.17	135.6	29.46	139.5	31.06	145.9	33.42
	18.3	113.6	21.30	122.7	24.38	129.1	26.50	135.6	28.72	139.5	30.27	145.9	32.58
	16.7	113.6	20.85	122.7	23.87	129.1	25.94	135.6	28.11	139.5	29.63	145.9	31.88
	14.4	113.6	20.32	122.7	23.25	129.1	25.26	135.6	27.38	139.5	28.85	145.9	31.04
	12.2	113.6	19.89	122.7	22.75	129.1	24.72	135.6	26.78	139.5	28.22	145.9	30.36
	10.0	113.6	19.44	122.7	22.23	129.1	24.15	135.6	26.17	139.5	27.57	145.9	29.65
	4.4	113.6	18.93	122.7	21.65	129.1	23.51	135.6	25.47	139.5	26.83	145.9	28.85
	-1.1	113.6	18.50	122.7	21.15	129.1	22.96	135.6	24.87	139.5	26.20	145.9	28.18
	-5.0	113.6	18.20	122.7	20.81	129.1	22.59	135.6	24.47	139.5	25.78	145.9	27.72
	-9.4	113.6	17.88	122.7	20.43	129.1	22.19	135.6	24.03	139.5	25.31	145.9	27.22
	-15.0	113.6	17.56	122.7	20.07	129.1	21.79	135.6	23.60	139.5	24.86	145.9	26.73
120	51.7	62.7	31.40	67.7	35.77	71.3	38.77	74.8	41.93	76.9	44.12	80.5	47.37
	50.0	69.8	32.88	75.4	37.53	79.4	40.72	83.3	44.07	85.7	46.41	89.7	49.87
	47.8	80.3	35.26	86.7	40.36	91.3	43.85	95.8	47.53	98.6	50.09	103.1	53.90
	46.1	89.4	37.43	96.5	42.93	101.6	46.60	106.7	50.68	109.7	53.45	114.8	57.57
	43.3	102.5	39.76	110.7	45.71	116.5	49.80	122.4	54.11	125.8	57.11	131.7	61.58
	41.1	106.8	38.54	115.3	44.31	121.3	48.27	127.4	52.45	131.0	55.36	137.1	59.70
	39.4	109.8	37.59	118.6	43.22	124.8	47.09	131.1	51.16	134.8	54.01	141.0	58.23
	37.2	113.5	36.36	122.6	41.81	129.0	45.55	135.5	49.49	139.3	52.24	145.8	56.33
	35.0	117.0	35.13	126.3	40.39	132.9	44.00	139.6	47.81	143.6	50.47	150.2	54.42
	33.9	117.0	33.91	126.3	38.98	132.9	42.45	139.6	46.11	143.6	48.67	150.2	52.47
	32.8	117.0	32.76	126.3	37.63	132.9	40.98	139.6	44.51	143.6	46.97	150.2	50.62
	30.6	117.0	30.60	126.3	35.14	132.9	38.24	139.6	41.52	143.6	43.80	150.2	47.20
	27.8	117.0	28.12	126.3	32.26	132.9	35.10	139.6	38.09	143.6	40.17	150.2	43.27
	23.9	117.0	25.03	126.3	28.69	132.9	31.20	139.6	33.84	143.6	35.68	150.2	38.41
	22.2	117.0	23.79	126.3	27.26	132.9	29.63	139.6	32.14	143.6	33.88	150.2	36.47
	21.1	117.0	23.02	126.3	26.36	132.9	28.66	139.6	31.07	143.6	32.76	150.2	35.26
	20.0	117.0	22.26	126.3	25.49	132.9	27.71	139.6	30.04	143.6	31.67	150.2	34.08
	18.3	117.0	21.71	126.3	24.86	132.9	27.02	139.6	29.29	143.6	30.87	150.2	33.22
	16.7	117.0	21.26	126.3	24.34	132.9	26.44	139.6	28.66	143.6	30.21	150.2	32.50
	14.4	117.0	20.72	126.3	23.71	132.9	25.76	139.6	27.91	143.6	29.42	150.2	31.65
	12.2	117.0	20.28	126.3	23.20	132.9	25.20	139.6	27.31	143.6	28.77	150.2	30.95
	10.0	117.0	19.82	126.3	22.67	132.9	24.62	139.6	26.68	143.6	28.11	150.2	30.24
	4.4	117.0	19.30	126.3	22.07	132.9	23.97	139.6	25.97	143.6	27.36	150.2	29.42
	-1.1	117.0	18.86	126.3	21.56	132.9	23.42	139.6	25.36	143.6	26.72	150.2	28.73
	-5.0	117.0	18.56	126.3	21.21	132.9	23.04	139.6	24.95	143.6	26.29	150.2	28.26
	-9.4	117.0	18.23	126.3	20.83	132.9	22.62	139.6	24.50	143.6	25.81	150.2	27.75
	-15.0	117.0	17.90	126.3	20.46	132.9	22.22	139.6	24.06	143.6	25.35	150.2	27.26
130	51.7	64.2	31.84	69.3	36.28	73.0	39.32	76.6	42.52	78.8	44.74	81.7	47.59
	50.0	71.5	33.34	77.2	38.06	81.3	41.30	85.3	44.70	87.7	47.07	91.0	50.11
	47.8	82.2	35.76	88.8	40.93	93.5	44.47	98.1	48.20	100.9	50.80	104.6	54.15
	46.1	91.5	37.96	98.8	43.54	104.0	47.26	109.2	51.40	112.3	54.21	116.4	57.84
	43.3	105.0	40.32	113.3	46.36	119.3	50.50	125.3	54.87	128.8	57.92	133.5	61.88
	41.1	109.3	39.08	118.0	44.94	124.2	48.96	130.4	53.19	134.2	56.15	139.1	59.98
	39.4	112.4	38.13	121.4	43.84	127.8	47.76	134.2	51.89	138.0	54.77	143.1	58.51
	37.2	116.2	36.88	125.5	42.40	132.1	46.19	138.7	50.19	142.7	52.98	147.9	56.60
	35.0	119.8	35.63	129.3	40.97	136.1	44.63	142.9	48.49	147.0	51.19	152.4	54.68
	33.9	119.8	34.39	129.3	39.53	136.1	43.05	142.9	46.77	147.0	49.36	152.4	52.72
	32.8	119.8	33.22	129.3	38.17	136.1	41.56	142.9	45.14	147.0	47.63	152.4	50.86
	30.6	119.8	31.04	129.3	35.63	136.1	38.79	142.9	42.11	147.0	44.42	152.4	47.42
	27.8	119.8	28.52	129.3	32.72	136.1	35.60	142.9	38.63	147.0	40.74	152.4	43.47
	23.9	119.8	25.39	129.3	29.10	136.1	31.64	142.9	34.32	147.0	36.18	152.4	38.59
	22.2	119.8	24.13	129.3	27.64	136.1	30.05	142.9	32.59	147.0	34.36	152.4	36.64
	21.1	119.8	23.34	129.3	26.74	136.1	29.06	142.9	31.52	147.0	33.22	152.4	35.43
	20.0	119.8	22.58	129.3	25.85	136.1	28.10	142.9	30.47	147.0	32.12	152.4	34.24
	18.3	119.8	22.02	129.3	25.21	136.1	27.40	142.9	29.70	147.0	31.31	152.4	33.37
	16.7	119.8	21.56	129.3	24.68	136.1	26.82	142.9	29.07	147.0	30.64	152.4	32.66
	14.4	119.8	21.01	129.3	24.04	136.1	26.12	142.9	28.31	147.0	29.83	152.4	31.80
	12.2	119.8	20.57	129.3	23.53	136.1	25.56	142.9	27.69	147.0	29.18	152.4	31.10
	10.0	119.8	20.10	129.3	22.99	136.1	24.97	142.9	27.06	147.0	28.51	152.4	30.38
	4.4	119.8	19.58	129.3	22.39	136.1	24.31	142.9	26.34	147.0	27.75	152.4	29.56
	-1.1	119.8	19.13	129.3	21.87	136.1	23.75	142.9	25.72	147.0	27.10	152.4	28.87
	-5.0	119.8	18.82	129.3	21.52	136.1	23.36	142.9	25.31	147.0	26.66	152.4	28.40
	-9.4	119.8	18.48	129.3	21.13	136.1	22.94	142.9	24.85	147.0	26.18	152.4	27.89
	-15.0	119.8	18.16	129.3	20.75	136.1	22.53	142.9	24.40	147.0	25.71	152.4	27.39

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	53.7	26.34	58.0	30.02	61.1	32.53	64.1	35.18	66.0	37.02	69.0	39.75
	50.0	59.9	27.59	64.6	31.49	68.0	34.17	71.4	36.98	73.5	38.94	76.9	41.85
	47.8	68.8	29.59	74.3	33.86	78.2	36.80	82.2	39.88	84.5	42.03	88.4	45.22
	46.1	76.6	31.41	82.7	36.02	87.1	39.10	91.4	42.52	94.0	44.85	98.4	48.30
	43.3	87.9	33.36	94.9	38.36	99.9	41.79	104.9	45.40	107.9	47.92	112.8	51.67
	41.1	91.5	32.34	98.8	37.18	104.0	40.50	109.2	44.01	112.3	46.45	117.5	50.09
	39.4	94.1	31.54	101.6	36.27	107.0	39.51	112.3	42.93	115.5	45.32	120.9	48.86
	37.2	97.3	30.51	105.1	35.08	110.6	38.22	116.1	41.53	119.4	43.83	125.0	47.26
	35.0	100.3	29.48	108.3	33.89	114.0	36.92	119.6	40.12	123.1	42.35	128.7	45.66
	33.9	100.3	28.46	108.3	32.70	114.0	35.62	119.6	38.69	123.1	40.84	128.7	44.03
	32.8	100.3	27.49	108.3	31.58	114.0	34.39	119.6	37.34	123.1	39.41	128.7	42.48
	30.6	100.3	25.68	108.3	29.48	114.0	32.09	119.6	34.84	123.1	36.75	128.7	39.60
	27.8	100.3	23.60	108.3	27.07	114.0	29.45	119.6	31.96	123.1	33.71	128.7	36.31
	23.9	100.3	21.01	108.3	24.07	114.0	26.18	119.6	28.39	123.1	29.94	128.7	32.23
	22.2	100.3	19.96	108.3	22.87	114.0	24.87	119.6	26.96	123.1	28.43	128.7	30.60
	21.1	100.3	19.31	108.3	22.12	114.0	24.05	119.6	26.07	123.1	27.49	128.7	29.59
	20.0	100.3	18.68	108.3	21.39	114.0	23.25	119.6	25.21	123.1	26.57	128.7	28.60
	18.3	100.3	18.22	108.3	20.86	114.0	22.67	119.6	24.57	123.1	25.90	128.7	27.87
	16.7	100.3	17.84	108.3	20.42	114.0	22.19	119.6	24.05	123.1	25.35	128.7	27.27
	14.4	100.3	17.38	108.3	19.89	114.0	21.61	119.6	23.42	123.1	24.68	128.7	26.55
	12.2	100.3	17.02	108.3	19.46	114.0	21.15	119.6	22.91	123.1	24.14	128.7	25.97
	10.0	100.3	16.63	108.3	19.02	114.0	20.66	119.6	22.39	123.1	23.59	128.7	25.37
	4.4	100.3	16.20	108.3	18.52	114.0	20.11	119.6	21.79	123.1	22.96	128.7	24.69
	-1.1	100.3	15.83	108.3	18.09	114.0	19.65	119.6	21.28	123.1	22.42	128.7	24.11
	-5.0	100.3	15.57	108.3	17.80	114.0	19.33	119.6	20.94	123.1	22.06	128.7	23.72
	-9.4	100.3	15.29	108.3	17.48	114.0	18.98	119.6	20.56	123.1	21.66	128.7	23.29
	-15.0	100.3	15.02	108.3	17.17	114.0	18.64	119.6	20.19	123.1	21.27	128.7	22.87
80	51.7	47.8	22.52	51.6	25.66	54.3	27.82	57.0	30.08	58.6	31.65	61.3	33.98
	50.0	53.2	23.59	57.4	26.92	60.5	29.21	63.5	31.62	65.3	33.29	68.3	35.78
	47.8	61.2	25.30	66.1	28.95	69.6	31.46	73.0	34.10	75.1	35.94	78.6	38.67
	46.1	68.1	26.85	73.5	30.80	77.4	33.43	81.3	36.36	83.6	38.35	87.5	41.30
	43.3	78.1	28.52	84.3	32.79	88.8	35.73	93.2	38.82	95.9	40.97	100.3	44.18
	41.1	81.3	27.65	87.8	31.79	92.5	34.63	97.1	37.63	99.8	39.72	104.5	42.83
	39.4	83.7	26.97	90.4	31.01	95.1	33.78	99.9	36.70	102.7	38.75	107.5	41.78
	37.2	86.5	26.09	93.4	29.99	98.3	32.68	103.2	35.50	106.2	37.48	111.1	40.41
	35.0	89.1	25.20	96.2	28.98	101.3	31.57	106.4	34.30	109.4	36.21	114.4	39.04
	33.9	89.1	24.33	96.2	27.96	101.3	30.46	106.4	33.08	109.4	34.92	114.4	37.64
	32.8	89.1	23.50	96.2	27.00	101.3	29.40	106.4	31.93	109.4	33.69	114.4	36.32
	30.6	89.1	21.96	96.2	25.21	101.3	27.44	106.4	29.79	109.4	31.42	114.4	33.86
	27.8	89.1	20.18	96.2	23.14	101.3	25.18	106.4	27.32	109.4	28.82	114.4	31.04
	23.9	89.1	17.96	96.2	20.58	101.3	22.38	106.4	24.28	109.4	25.60	114.4	27.56
	22.2	89.1	17.07	96.2	19.55	101.3	21.26	106.4	23.05	109.4	24.31	114.4	26.16
	21.1	89.1	16.51	96.2	18.91	101.3	20.56	106.4	22.29	109.4	23.50	114.4	25.29
	20.0	89.1	15.97	96.2	18.29	101.3	19.88	106.4	21.55	109.4	22.72	114.4	24.45
	18.3	89.1	15.58	96.2	17.83	101.3	19.38	106.4	21.01	109.4	22.14	114.4	23.83
	16.7	89.1	15.25	96.2	17.46	101.3	18.97	106.4	20.56	109.4	21.67	114.4	23.32
	14.4	89.1	14.86	96.2	17.01	101.3	18.48	106.4	20.03	109.4	21.10	114.4	22.70
	12.2	89.1	14.55	96.2	16.64	101.3	18.08	106.4	19.59	109.4	20.64	114.4	22.21
	10.0	89.1	14.22	96.2	16.26	101.3	17.66	106.4	19.14	109.4	20.17	114.4	21.69
	4.4	89.1	13.85	96.2	15.83	101.3	17.20	106.4	18.63	109.4	19.63	114.4	21.11
	-1.1	89.1	13.53	96.2	15.47	101.3	16.80	106.4	18.20	109.4	19.17	114.4	20.61
	-5.0	89.1	13.31	96.2	15.22	101.3	16.53	106.4	17.90	109.4	18.86	114.4	20.28
	-9.4	89.1	13.08	96.2	14.95	101.3	16.23	106.4	17.58	109.4	18.52	114.4	19.91
	-15.0	89.1	12.84	96.2	14.68	101.3	15.94	106.4	17.26	109.4	18.19	114.4	19.55
70	51.7	41.8	18.98	45.1	21.63	47.5	23.44	49.9	25.35	51.3	26.68	53.7	28.64
	50.0	46.6	19.88	50.3	22.69	52.9	24.62	55.6	26.65	57.1	28.06	59.8	30.16
	47.8	53.5	21.32	57.8	24.40	60.9	26.52	63.9	28.74	65.7	30.29	68.8	32.59
	46.1	59.6	22.63	64.3	25.96	67.7	28.18	71.1	30.64	73.1	32.32	76.5	34.81
	43.3	68.4	24.04	73.8	27.64	77.7	30.11	81.6	32.72	83.9	34.54	87.8	37.24
	41.1	71.2	23.30	76.9	26.79	80.9	29.19	84.9	31.71	87.4	33.48	91.4	36.10
	39.4	73.2	22.73	79.1	26.14	83.2	28.47	87.4	30.94	89.9	32.66	94.0	35.21
	37.2	75.7	21.99	81.7	25.28	86.0	27.54	90.3	29.92	92.9	31.59	97.2	34.06
	35.0	78.0	21.24	84.2	24.42	88.6	26.61	93.1	28.91	95.7	30.52	100.1	32.91
	33.9	78.0	20.51	84.2	23.57	88.6	25.67	93.1	27.88	95.7	29.43	100.1	31.73
	32.8	78.0	19.81	84.2	22.76	88.6	24.78	93.1	26.91	95.7	28.40	100.1	30.61
	30.6	78.0	18.51	84.2	21.25	88.6	23.12	93.1	25.11	95.7	26.49	100.1	28.54
	27.8	78.0	17.01	84.2	19.51	88.6	21.22	93.1	23.03	95.7	24.29	100.1	26.16
	23.9	78.0	15.14	84.2	17.35	88.6	18.86	93.1	20.46	95.7	21.57	100.1	23.23
	22.2	78.0	14.39	84.2	16.48	88.6	17.92	93.1	19.43	95.7	20.49	100.1	22.05
	21.1	78.0	13.92	84.2	15.94	88.6	17.33	93.1	18.79	95.7	19.81	100.1	21.32
	20.0	78.0	13.46	84.2	15.41	88.6	16.75	93.1	18.17	95.7	19.15	100.1	20.61
	18.3	78.0	13.13	84.2	15.03	88.6	16.34	93.1	17.71	95.7	18.66	100.1	20.09
	16.7	78.0	12.86	84.2	14.72	88.6	15.99	93.1	17.33	95.7	18.27	100.1	19.65
	14.4	78.0	12.53	84.2	14.34	88.6	15.57	93.1	16.88	95.7	17.79	100.1	19.14
	12.2	78.0	12.26	84.2	14.03	88.6	15.24	93.1	16.51	95.7	17.40	100.1	18.72
	10.0	78.0	11.98	84.2	13.71	88.6	14.89	93.1	16.13	95.7	17.00	100.1	18.28
	4.4	78.0	11.67	84.2	13.35	88.6	14.49	93.1	15.70	95.7	16.54	100.1	17.79
	-1.1	78.0	11.41	84.2	13.04	88.6	14.16	93.1	15.34	95.7	16.16	100.1	17.37
	-5.0	78.0	11.22	84.2	12.83	88.6	13.93	93.1	15.09	95.7	15.89	100.1	17.09
	-9.4	78.0	11.02	84.2	12.60	88.6	13.68	93.1	14.82	95.7	15.61	100.1	16.78
	-15.0	78.0	10.82	84.2	12.37	88.6	13.43	93.1	14.55	95.7	15.33	100.1	16.48

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc

COOLING (°C)

MMY-UP4561FT6P-UL/MMY-UP4561FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	63.0	32.18	68.1	36.66	71.6	39.74	75.2	42.97	77.4	45.21	80.9	48.64
	50.0	70.2	33.70	75.8	38.46	79.8	41.73	83.8	45.17	86.2	47.56	90.1	51.21
	47.8	80.7	36.14	87.2	41.36	91.8	44.95	96.4	48.71	99.1	51.34	103.7	55.35
	46.1	89.9	38.36	97.0	44.00	102.1	47.77	107.2	51.94	110.3	54.78	115.4	59.12
	43.3	103.1	40.74	111.3	46.85	117.1	51.04	123.0	55.45	126.5	58.53	132.3	63.25
	41.1	107.3	39.49	115.9	45.41	122.0	49.47	128.1	53.75	131.7	56.74	137.8	61.31
	39.4	110.4	38.53	119.2	44.30	125.5	48.26	131.8	52.44	135.5	55.35	141.8	59.81
	37.2	114.1	37.27	123.2	42.85	129.7	46.68	136.2	50.72	140.1	53.54	146.6	57.85
	35.0	117.6	36.00	127.0	41.40	133.6	45.10	140.3	49.00	144.3	51.72	151.0	55.89
	33.9	117.6	34.75	127.0	39.95	133.6	43.51	140.3	47.26	144.3	49.88	151.0	53.89
	32.8	117.6	33.57	127.0	38.57	133.6	42.00	140.3	45.61	144.3	48.13	151.0	51.99
	30.6	117.6	31.37	127.0	36.01	133.6	39.20	140.3	42.55	144.3	44.89	151.0	48.47
	27.8	117.6	28.82	127.0	33.06	133.6	35.97	140.3	39.04	144.3	41.17	151.0	44.44
	23.9	117.6	25.66	127.0	29.40	133.6	31.97	140.3	34.68	144.3	36.56	151.0	39.45
	22.2	117.6	24.38	127.0	27.94	133.6	30.37	140.3	32.94	144.3	34.72	151.0	37.45
	21.1	117.6	23.59	127.0	27.02	133.6	29.37	140.3	31.85	144.3	33.57	151.0	36.21
	20.0	117.6	22.81	127.0	26.13	133.6	28.40	140.3	30.79	144.3	32.45	151.0	35.00
	18.3	117.6	22.25	127.0	25.48	133.6	27.69	140.3	30.02	144.3	31.64	151.0	34.11
	16.7	117.6	21.79	127.0	24.94	133.6	27.10	140.3	29.38	144.3	30.96	151.0	33.38
	14.4	117.6	21.23	127.0	24.30	133.6	26.40	140.3	28.61	144.3	30.15	151.0	32.50
	12.2	117.6	20.78	127.0	23.78	133.6	25.83	140.3	27.99	144.3	29.49	151.0	31.79
	10.0	117.6	20.31	127.0	23.23	133.6	25.24	140.3	27.34	144.3	28.81	151.0	31.05
	4.4	117.6	19.78	127.0	22.62	133.6	24.57	140.3	26.61	144.3	28.04	151.0	30.21
	-1.1	117.6	19.33	127.0	22.10	133.6	24.00	140.3	25.99	144.3	27.38	151.0	29.51
	-5.0	117.6	19.02	127.0	21.74	133.6	23.61	140.3	25.57	144.3	26.94	151.0	29.03
	-9.4	117.6	18.68	127.0	21.35	133.6	23.18	140.3	25.11	144.3	26.45	151.0	28.50
	-15.0	117.6	18.35	127.0	20.97	133.6	22.77	140.3	24.66	144.3	25.98	151.0	27.99
110	51.7	64.3	32.50	69.4	37.04	73.1	40.14	76.7	43.41	78.9	45.68	82.6	49.14
	50.0	71.6	34.04	77.3	38.86	81.4	42.16	85.5	45.63	87.9	48.05	91.9	51.74
	47.8	82.4	36.51	88.9	41.79	93.6	45.40	98.3	49.21	101.1	51.86	105.8	55.92
	46.1	91.7	38.75	99.0	44.45	104.2	48.26	109.4	52.47	112.5	55.34	117.7	59.73
	43.3	105.1	41.16	113.5	47.33	119.5	51.56	125.5	56.02	129.0	59.13	135.0	63.90
	41.1	109.5	39.90	118.2	45.88	124.4	49.98	130.6	54.30	134.4	57.32	140.6	61.94
	39.4	112.6	38.92	121.6	44.75	128.0	48.76	134.4	52.97	138.2	55.92	144.6	60.42
	37.2	116.4	37.65	125.7	43.29	132.3	47.16	138.9	51.24	142.9	54.09	149.5	58.44
	35.0	119.9	36.37	129.5	41.82	136.3	45.56	143.1	49.50	147.2	52.25	154.0	56.47
	33.9	119.9	35.11	129.5	40.36	136.3	43.95	143.1	47.75	147.2	50.39	154.0	54.44
	32.8	119.9	33.91	129.5	38.96	136.3	42.43	143.1	46.08	147.2	48.63	154.0	52.52
	30.6	119.9	31.69	129.5	36.38	136.3	39.60	143.1	42.99	147.2	45.35	154.0	48.97
	27.8	119.9	29.12	129.5	33.40	136.3	36.34	143.1	39.43	147.2	41.59	154.0	44.89
	23.9	119.9	25.92	129.5	29.71	136.3	32.30	143.1	35.03	147.2	36.94	154.0	39.85
	22.2	119.9	24.63	129.5	28.22	136.3	30.68	143.1	33.27	147.2	35.08	154.0	37.84
	21.1	119.9	23.83	129.5	27.30	136.3	29.67	143.1	32.17	147.2	33.92	154.0	36.58
	20.0	119.9	23.05	129.5	26.39	136.3	28.69	143.1	31.10	147.2	32.79	154.0	35.36
	18.3	119.9	22.48	129.5	25.74	136.3	27.97	143.1	30.32	147.2	31.96	154.0	34.46
	16.7	119.9	22.01	129.5	25.20	136.3	27.38	143.1	29.68	147.2	31.28	154.0	33.72
	14.4	119.9	21.45	129.5	24.55	136.3	26.67	143.1	28.90	147.2	30.46	154.0	32.83
	12.2	119.9	20.99	129.5	24.02	136.3	26.09	143.1	28.27	147.2	29.79	154.0	32.11
	10.0	119.9	20.52	129.5	23.47	136.3	25.49	143.1	27.62	147.2	29.10	154.0	31.37
	4.4	119.9	19.99	129.5	22.85	136.3	24.82	143.1	26.89	147.2	28.32	154.0	30.52
	-1.1	119.9	19.53	129.5	22.33	136.3	24.24	143.1	26.26	147.2	27.66	154.0	29.81
	-5.0	119.9	19.22	129.5	21.97	136.3	23.85	143.1	25.83	147.2	27.21	154.0	29.32
	-9.4	119.9	18.87	129.5	21.57	136.3	23.42	143.1	25.37	147.2	26.72	154.0	28.79
	-15.0	119.9	18.53	129.5	21.18	136.3	23.00	143.1	24.91	147.2	26.24	154.0	28.28
120	51.7	66.2	33.14	71.5	37.76	75.2	40.93	79.0	44.26	81.2	46.57	85.0	50.10
	50.0	73.7	34.71	79.6	39.62	83.8	42.99	88.0	46.53	90.5	48.99	94.7	52.75
	47.8	84.8	37.23	91.5	42.61	96.4	46.30	101.2	50.18	104.0	52.88	108.9	57.01
	46.1	94.4	39.52	101.9	45.32	107.2	49.20	112.6	53.50	115.8	56.43	121.2	60.90
	43.3	108.2	41.97	116.8	48.26	123.0	52.57	129.1	57.12	132.8	60.29	139.0	65.15
	41.1	112.7	40.68	121.7	46.78	128.1	50.96	134.5	55.37	138.3	58.44	144.7	63.15
	39.4	115.9	39.69	125.2	45.63	131.8	49.71	138.4	54.01	142.3	57.01	148.9	61.61
	37.2	119.8	38.39	129.4	44.14	136.2	48.09	143.0	52.25	147.1	55.15	153.9	59.59
	35.0	123.5	37.08	133.3	42.64	140.3	46.46	147.3	50.48	151.5	53.28	158.5	57.57
	33.9	123.5	35.80	133.3	41.15	140.3	44.82	147.3	48.68	151.5	51.38	158.5	55.51
	32.8	123.5	34.58	133.3	39.73	140.3	43.26	147.3	46.99	151.5	49.58	158.5	53.56
	30.6	123.5	32.31	133.3	37.09	140.3	40.37	147.3	43.83	151.5	46.24	158.5	49.93
	27.8	123.5	29.69	133.3	34.06	140.3	37.05	147.3	40.21	151.5	42.41	158.5	45.77
	23.9	123.5	26.43	133.3	30.29	140.3	32.94	147.3	35.72	151.5	37.66	158.5	40.63
	22.2	123.5	25.12	133.3	28.78	140.3	31.29	147.3	33.93	151.5	35.77	158.5	38.58
	21.1	123.5	24.30	133.3	27.83	140.3	30.26	147.3	32.81	151.5	34.58	158.5	37.30
	20.0	123.5	23.50	133.3	26.91	140.3	29.25	147.3	31.71	151.5	33.43	158.5	36.05
	18.3	123.5	22.92	133.3	26.24	140.3	28.52	147.3	30.92	151.5	32.59	158.5	35.14
	16.7	123.5	22.45	133.3	25.69	140.3	27.92	147.3	30.26	151.5	31.89	158.5	34.38
	14.4	123.5	21.87	133.3	25.03	140.3	27.19	147.3	29.47	151.5	31.05	158.5	33.48
	12.2	123.5	21.41	133.3	24.49	140.3	26.60	147.3	28.83	151.5	30.38	158.5	32.74
	10.0	123.5	20.92	133.3	23.93	140.3	25.99	147.3	28.17	151.5	29.68	158.5	31.98
	4.4	123.5	20.38	133.3	23.30	140.3	25.31	147.3	27.41	151.5	28.88	158.5	31.12
	-1.1	123.5	19.91	133.3	22.76	140.3	24.72	147.3	26.78	151.5	28.21	158.5	30.39
	-5.0	123.5	19.59	133.3	22.40	140.3	24.32	147.3	26.34	151.5	27.75	158.5	29.90
	-9.4	123.5	19.24	133.3	21.99	140.3	23.88	147.3	25.87	151.5	27.25	158.5	29.36
	-15.0	123.5	18.90	133.3	21.60	140.3	23.45	147.3	25.40	151.5	26.76	158.5	28.83
130	51.7	67.8	33.61	73.2	38.30	77.0	41.51	80.9	44.89	83.2	47.23	86.2	50.34
	50.0	75.5	35.20	81.5	40.18	85.8	43.60	90.1	47.19	92.6	49.69	96.0	53.00
	47.8	86.8	37.75	93.7	43.21	98.7	46.95	103.6	50.89	106.5	53.63	110.4	57.28
	46.1	96.6	40.08	104.3	45.97	109.8	49.90	115.3	54.26	118.6	57.23	122.9	61.19
	43.3	110.8	42.56	119.6	48.94	125.9	53.32	132.2	57.93	136.0	61.15	141.0	65.46
	41.1	115.4	41.26	124.6	47.44	131.1	51.68	137.7	56.15	141.6	59.27	146.8	63.45
	39.4	118.7	40.25	128.2	46.28	134.9	50.42	141.6	54.78	145.7	57.82	151.0	61.90
	37.2	122.7	38.93	132.5	44.76	139.5	48.77	146.4	52.99	150.6	55.93	156.1	59.88
	35.0	126.4	37.61	136.5	43.25	143.7	47.11	150.9	51.19	155.1	54.03	160.8	57.85
	33.9	126.4	36.31	136.5	41.73	143.7	45.45	150.9	49.37	155.1	52.11	160.8	55.77
	32.8	126.4	35.07	136.5	40.29	143.7	43.88	150.9	47.65	155.1	50.28	160.8	53.81
	30.6	126.4	32.77	136.5	37.62	143.7	40.95	150.9	44.45	155.1	46.90	160.8	50.17
	27.8	126.4	30.11	136.5	34.54	143.7	37.58	150.9	40.78	155.1	43.01	160.8	45.99
	23.9	126.4	26.80	136.5	30.72	143.7	33.40	150.9	36.23	155.1	38.20	160.8	40.83
	22.2	126.4	25.47	136.5	29.18	143.7	31.73	150.9	34.41	155.1	36.27	160.8	38.76
	21.1	126.4	24.64	136.5	28.23	143.7	30.68	150.9	33.27	155.1	35.07	160.8	37.48
	20.0	126.4	23.83	136.5	27.29	143.7	29.67	150.9	32.16	155.1	33.90	160.8	36.22
	18.3	126.4	23.25	136.5	26.62	143.7	28.93	150.9	31.36	155.1	33.05	160.8	35.30
	16.7	126.4	22.76	136.5	26.06	143.7	28.31	150.9	30.69	155.1	32.34	160.8	34.55
	14.4	126.4	22.18	136.5	25.38	143.7	27.58	150.9	29.89	155.1	31.49	160.8	33.64
	12.2	126.4	21.71	136.5	24.84	143.7	26.98	150.9	29.24	155.1	30.81	160.8	32.90
	10.0	126.4	21.22	136.5	24.27	143.7	26.36	150.9	28.56	155.1	30.10	160.8	32.14
	4.4	126.4	20.67	136.5	23.63	143.7	25.66	150.9	27.80	155.1	29.29	160.8	31.27
	-1.1	126.4	20.20	136.5	23.09	143.7	25.07	150.9	27.16	155.1	28.61	160.8	30.54
	-5.0	126.4	19.87	136.5	22.71	143.7	24.66	150.9	26.72	155.1	28.14	160.8	30.04
	-9.4	126.4	19.51	136.5	22.31	143.7	24.22	150.9	26.23	155.1	27.63	160.8	29.50
	-15.0	126.4	19.17	136.5	21.91	143.7	23.79	150.9	25.76	155.1	27.14	160.8	28.97

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	56.7	27.81	61.2	31.69	64.5	34.35	67.7	37.14	69.6	39.08	72.8	42.04
	50.0	63.2	29.12	68.2	33.25	71.8	36.07	75.4	39.04	77.5	41.11	81.1	44.26
	47.8	72.7	31.24	78.5	35.75	82.6	38.85	86.7	42.10	89.2	44.37	93.3	47.84
	46.1	80.9	33.16	87.3	38.03	91.9	41.29	96.5	44.89	99.3	47.35	103.9	51.10
	43.3	92.8	35.22	100.2	40.49	105.4	44.11	110.7	47.93	113.8	50.59	119.1	54.67
	41.1	96.6	34.14	104.3	39.25	109.8	42.76	115.3	46.46	118.6	49.04	124.0	52.99
	39.4	99.4	33.30	107.3	38.29	112.9	41.71	118.6	45.32	122.0	47.84	127.6	51.69
	37.2	102.7	32.21	110.9	37.04	116.7	40.35	122.6	43.84	126.1	46.27	131.9	50.00
	35.0	105.8	31.12	114.3	35.78	120.3	38.98	126.3	42.35	129.9	44.71	135.9	48.31
	33.9	105.8	30.04	114.3	34.53	120.3	37.61	126.3	40.85	129.9	43.11	135.9	46.58
	32.8	105.8	29.02	114.3	33.34	120.3	36.30	126.3	39.42	129.9	41.60	135.9	44.94
	30.6	105.8	27.11	114.3	31.12	120.3	33.88	126.3	36.78	129.9	38.80	135.9	41.90
	27.8	105.8	24.91	114.3	28.58	120.3	31.09	126.3	33.74	129.9	35.58	135.9	38.41
	23.9	105.8	22.18	114.3	25.41	120.3	27.64	126.3	29.97	129.9	31.60	135.9	34.10
	22.2	105.8	21.08	114.3	24.15	120.3	26.25	126.3	28.47	129.9	30.01	135.9	32.37
	21.1	105.8	20.39	114.3	23.35	120.3	25.39	126.3	27.53	129.9	29.02	135.9	31.30
	20.0	105.8	19.72	114.3	22.58	120.3	24.55	126.3	26.61	129.9	28.05	135.9	30.25
	18.3	105.8	19.23	114.3	22.02	120.3	23.93	126.3	25.94	129.9	27.34	135.9	29.48
	16.7	105.8	18.83	114.3	21.56	120.3	23.43	126.3	25.39	129.9	26.76	135.9	28.85
	14.4	105.8	18.35	114.3	21.00	120.3	22.82	126.3	24.73	129.9	26.06	135.9	28.09
	12.2	105.8	17.96	114.3	20.55	120.3	22.32	126.3	24.19	129.9	25.49	135.9	27.48
	10.0	105.8	17.56	114.3	20.08	120.3	21.81	126.3	23.63	129.9	24.90	135.9	26.84
	4.4	105.8	17.10	114.3	19.55	120.3	21.23	126.3	23.00	129.9	24.23	135.9	26.11
	-1.1	105.8	16.71	114.3	19.10	120.3	20.74	126.3	22.47	129.9	23.67	135.9	25.50
	-5.0	105.8	16.44	114.3	18.79	120.3	20.41	126.3	22.10	129.9	23.28	135.9	25.09
	-9.4	105.8	16.14	114.3	18.45	120.3	20.04	126.3	21.70	129.9	22.86	135.9	24.63
	-15.0	105.8	15.86	114.3	18.13	120.3	19.68	126.3	21.32	129.9	22.45	135.9	24.19
80	51.7	50.4	23.78	54.4	27.09	57.3	29.37	60.2	31.75	61.9	33.41	64.7	35.95
	50.0	56.2	24.90	60.6	28.42	63.8	30.84	67.0	33.38	68.9	35.15	72.1	37.85
	47.8	64.6	26.71	69.7	30.57	73.4	33.21	77.1	36.00	79.3	37.94	82.9	40.90
	46.1	71.9	28.35	77.6	32.52	81.7	35.30	85.8	38.38	88.2	40.48	92.3	43.69
	43.3	82.5	30.11	89.0	34.62	93.7	37.72	98.4	40.98	101.2	43.26	105.9	46.74
	41.1	85.9	29.19	92.7	33.56	97.6	36.56	102.5	39.72	105.4	41.93	110.3	45.31
	39.4	88.3	28.47	95.4	32.74	100.4	35.66	105.4	38.75	108.4	40.90	113.4	44.20
	37.2	91.3	27.54	98.6	31.67	103.8	34.50	109.0	37.48	112.1	39.56	117.2	42.75
	35.0	94.1	26.60	101.6	30.59	106.9	33.33	112.3	36.21	115.5	38.22	120.8	41.30
	33.9	94.1	25.68	101.6	29.52	106.9	32.15	112.3	34.93	115.5	36.86	120.8	39.82
	32.8	94.1	24.81	101.6	28.50	106.9	31.04	112.3	33.71	115.5	35.57	120.8	38.42
	30.6	94.1	23.18	101.6	26.61	106.9	28.96	112.3	31.45	115.5	33.17	120.8	35.82
	27.8	94.1	21.30	101.6	24.43	106.9	26.58	112.3	28.85	115.5	30.42	120.8	32.84
	23.9	94.1	18.96	101.6	21.73	106.9	23.63	112.3	25.63	115.5	27.02	120.8	29.15
	22.2	94.1	18.02	101.6	20.64	106.9	22.44	112.3	24.34	115.5	25.66	120.8	27.68
	21.1	94.1	17.43	101.6	19.97	106.9	21.71	112.3	23.54	115.5	24.81	120.8	26.76
	20.0	94.1	16.86	101.6	19.31	106.9	20.99	112.3	22.75	115.5	23.98	120.8	25.86
	18.3	94.1	16.44	101.6	18.83	106.9	20.46	112.3	22.18	115.5	23.38	120.8	25.21
	16.7	94.1	16.10	101.6	18.43	106.9	20.03	112.3	21.71	115.5	22.88	120.8	24.67
	14.4	94.1	15.69	101.6	17.96	106.9	19.51	112.3	21.14	115.5	22.28	120.8	24.02
	12.2	94.1	15.36	101.6	17.57	106.9	19.09	112.3	20.68	115.5	21.79	120.8	23.49
	10.0	94.1	15.01	101.6	17.17	106.9	18.65	112.3	20.21	115.5	21.29	120.8	22.95
	4.4	94.1	14.62	101.6	16.72	106.9	18.15	112.3	19.67	115.5	20.72	120.8	22.33
	-1.1	94.1	14.29	101.6	16.33	106.9	17.73	112.3	19.21	115.5	20.24	120.8	21.80
	-5.0	94.1	14.06	101.6	16.07	106.9	17.45	112.3	18.90	115.5	19.91	120.8	21.45
	-9.4	94.1	13.80	101.6	15.78	106.9	17.13	112.3	18.56	115.5	19.55	120.8	21.06
	-15.0	94.1	13.56	101.6	15.50	106.9	16.83	112.3	18.23	115.5	19.20	120.8	20.69
70	51.7	44.1	20.04	47.6	22.84	50.1	24.75	52.7	26.76	54.1	28.16	56.7	30.30
	50.0	49.1	20.99	53.1	23.96	55.9	25.99	58.6	28.14	60.3	29.62	63.1	31.90
	47.8	56.5	22.51	61.0	25.76	64.2	27.99	67.4	30.34	69.4	31.98	72.6	34.47
	46.1	62.9	23.89	67.9	27.41	71.5	29.75	75.1	32.35	77.2	34.12	80.8	36.82
	43.3	72.1	25.38	77.9	29.18	82.0	31.79	86.1	34.54	88.5	36.46	92.6	39.40
	41.1	75.1	24.60	81.1	28.29	85.4	30.81	89.7	33.48	92.2	35.34	96.5	38.19
	39.4	77.3	24.00	83.5	27.59	87.8	30.06	92.2	32.66	94.9	34.47	99.2	37.25
	37.2	79.9	23.21	86.3	26.69	90.8	29.08	95.3	31.59	98.1	33.35	102.6	36.03
	35.0	82.3	22.42	88.9	25.78	93.6	28.09	98.2	30.52	101.0	32.22	105.7	34.81
	33.9	82.3	21.65	88.9	24.88	93.6	27.10	98.2	29.44	101.0	31.07	105.7	33.57
	32.8	82.3	20.91	88.9	24.02	93.6	26.16	98.2	28.41	101.0	29.98	105.7	32.38
	30.6	82.3	19.54	88.9	22.43	93.6	24.41	98.2	26.50	101.0	27.96	105.7	30.19
	27.8	82.3	17.95	88.9	20.59	93.6	22.40	98.2	24.31	101.0	25.64	105.7	27.68
	23.9	82.3	15.98	88.9	18.31	93.6	19.92	98.2	21.60	101.0	22.77	105.7	24.57
	22.2	82.3	15.19	88.9	17.40	93.6	18.92	98.2	20.51	101.0	21.63	105.7	23.33
	21.1	82.3	14.69	88.9	16.83	93.6	18.29	98.2	19.84	101.0	20.91	105.7	22.55
	20.0	82.3	14.21	88.9	16.27	93.6	17.69	98.2	19.18	101.0	20.21	105.7	21.80
	18.3	82.3	13.86	88.9	15.87	93.6	17.25	98.2	18.70	101.0	19.70	105.7	21.25
	16.7	82.3	13.57	88.9	15.54	93.6	16.88	98.2	18.30	101.0	19.28	105.7	20.79
	14.4	82.3	13.23	88.9	15.13	93.6	16.44	98.2	17.82	101.0	18.78	105.7	20.24
	12.2	82.3	12.94	88.9	14.81	93.6	16.09	98.2	17.43	101.0	18.37	105.7	19.80
	10.0	82.3	12.65	88.9	14.47	93.6	15.72	98.2	17.03	101.0	17.94	105.7	19.34
	4.4	82.3	12.32	88.9	14.09	93.6	15.30	98.2	16.58	101.0	17.46	105.7	18.82
	-1.1	82.3	12.04	88.9	13.77	93.6	14.95	98.2	16.19	101.0	17.06	105.7	18.38
	-5.0	82.3	11.85	88.9	13.54	93.6	14.71	98.2	15.93	101.0	16.78	105.7	18.08
	-9.4	82.3	11.63	88.9	13.30	93.6	14.44	98.2	15.64	101.0	16.48	105.7	17.75
	-15.0	82.3	11.43	88.9	13.06	93.6	14.18	98.2	15.36	101.0	16.18	105.7	17.43

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4801FT6P-UL/MMY-UP4801FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	66.4	34.85	71.6	39.63	75.4	42.90	79.2	46.34	81.4	48.74	85.2	52.38
	50.0	73.9	36.46	79.8	41.52	84.0	45.00	88.2	48.66	90.7	51.21	94.9	55.08
	47.8	85.0	39.03	91.8	44.58	96.6	48.38	101.4	52.38	104.3	55.17	109.2	59.42
	46.1	94.6	41.38	102.1	47.35	107.5	51.35	112.9	55.77	116.1	58.78	121.5	63.38
	43.3	108.5	43.87	117.1	50.33	123.3	54.76	129.5	59.43	133.2	62.70	139.3	67.68
	41.1	113.0	42.52	122.0	48.78	128.4	53.08	134.8	57.61	138.7	60.78	145.1	65.61
	39.4	116.2	41.48	125.5	47.59	132.1	51.78	138.7	56.20	142.7	59.29	149.3	64.00
	37.2	120.2	40.12	129.7	46.03	136.5	50.09	143.4	54.36	147.5	57.35	154.3	61.91
	35.0	123.8	38.76	133.6	44.47	140.7	48.39	147.7	52.52	151.9	55.41	159.0	59.81
	33.9	123.8	37.43	133.6	42.92	140.7	46.70	147.7	50.67	151.9	53.45	159.0	57.68
	32.8	123.8	36.17	133.6	41.46	140.7	45.09	147.7	48.92	151.9	51.59	159.0	55.67
	30.6	123.8	33.81	133.6	38.73	140.7	42.10	147.7	45.66	151.9	48.14	159.0	51.93
	27.8	123.8	31.08	133.6	35.58	140.7	38.66	147.7	41.91	151.9	44.17	159.0	47.63
	23.9	123.8	27.69	133.6	31.66	140.7	34.39	147.7	37.26	151.9	39.26	159.0	42.31
	22.2	123.8	26.32	133.6	30.09	140.7	32.67	147.7	35.39	151.9	37.29	159.0	40.18
	21.1	123.8	25.47	133.6	29.10	140.7	31.60	147.7	34.23	151.9	36.06	159.0	38.85
	20.0	123.8	24.63	133.6	28.15	140.7	30.56	147.7	33.09	151.9	34.86	159.0	37.56
	18.3	123.8	24.03	133.6	27.45	140.7	29.80	147.7	32.27	151.9	33.99	159.0	36.61
	16.7	123.8	23.53	133.6	26.88	140.7	29.17	147.7	31.59	151.9	33.27	159.0	35.84
	14.4	123.8	22.94	133.6	26.19	140.7	28.42	147.7	30.77	151.9	32.40	159.0	34.90
	12.2	123.8	22.45	133.6	25.63	140.7	27.81	147.7	30.10	151.9	31.70	159.0	34.14
	10.0	123.8	21.95	133.6	25.05	140.7	27.18	147.7	29.41	151.9	30.98	159.0	33.35
	4.4	123.8	21.38	133.6	24.39	140.7	26.46	147.7	28.64	151.9	30.15	159.0	32.46
	-1.1	123.8	20.90	133.6	23.84	140.7	25.85	147.7	27.97	151.9	29.45	159.0	31.70
	-5.0	123.8	20.56	133.6	23.45	140.7	25.44	147.7	27.52	151.9	28.98	159.0	31.19
	-9.4	123.8	20.19	133.6	23.03	140.7	24.98	147.7	27.03	151.9	28.45	159.0	30.63
	-15.0	123.8	19.83	133.6	22.62	140.7	24.53	147.7	26.54	151.9	27.94	159.0	30.08
110	51.7	67.7	35.21	73.1	40.03	76.9	43.34	80.8	46.82	83.1	49.24	86.9	52.92
	50.0	75.4	36.83	81.4	41.95	85.7	45.46	89.9	49.16	92.5	51.73	96.8	55.64
	47.8	86.7	39.43	93.6	45.03	98.5	48.88	103.5	52.92	106.4	55.74	111.3	60.03
	46.1	96.5	41.80	104.2	47.83	109.7	51.88	115.1	56.34	118.4	59.38	123.9	64.02
	43.3	110.7	44.32	119.5	50.84	125.8	55.32	132.1	60.04	135.8	63.34	142.1	68.37
	41.1	115.3	42.96	124.4	49.28	131.0	53.63	137.5	58.20	141.5	61.40	148.0	66.28
	39.4	118.6	41.91	128.0	48.08	134.7	52.31	141.5	56.77	145.5	59.90	152.3	64.65
	37.2	122.6	40.53	132.3	46.50	139.3	50.60	146.2	54.92	150.4	57.94	157.4	62.54
	35.0	126.3	39.16	136.3	44.93	143.5	48.88	150.7	53.05	155.0	55.97	162.1	60.42
	33.9	126.3	37.81	136.3	43.36	143.5	47.17	150.7	51.19	155.0	53.99	162.1	58.27
	32.8	126.3	36.54	136.3	41.88	143.5	45.55	150.7	49.42	155.0	52.12	162.1	56.24
	30.6	126.3	34.15	136.3	39.12	143.5	42.53	150.7	46.12	155.0	48.63	162.1	52.46
	27.8	126.3	31.40	136.3	35.94	143.5	39.06	150.7	42.33	155.0	44.63	162.1	48.12
	23.9	126.3	27.97	136.3	31.98	143.5	34.74	150.7	37.64	155.0	39.66	162.1	42.74
	22.2	126.3	26.59	136.3	30.39	143.5	33.01	150.7	35.75	155.0	37.67	162.1	40.59
	21.1	126.3	25.73	136.3	29.40	143.5	31.92	150.7	34.58	155.0	36.43	162.1	39.25
	20.0	126.3	24.88	136.3	28.43	143.5	30.87	150.7	33.43	155.0	35.22	162.1	37.94
	18.3	126.3	24.28	136.3	27.73	143.5	30.10	150.7	32.60	155.0	34.34	162.1	36.99
	16.7	126.3	23.77	136.3	27.15	143.5	29.47	150.7	31.91	155.0	33.61	162.1	36.20
	14.4	126.3	23.17	136.3	26.46	143.5	28.71	150.7	31.08	155.0	32.74	162.1	35.25
	12.2	126.3	22.68	136.3	25.89	143.5	28.09	150.7	30.41	155.0	32.03	162.1	34.49
	10.0	126.3	22.17	136.3	25.30	143.5	27.45	150.7	29.71	155.0	31.29	162.1	33.69
	4.4	126.3	21.60	136.3	24.64	143.5	26.73	150.7	28.93	155.0	30.46	162.1	32.79
	-1.1	126.3	21.11	136.3	24.08	143.5	26.12	150.7	28.26	155.0	29.75	162.1	32.03
	-5.0	126.3	20.77	136.3	23.69	143.5	25.70	150.7	27.80	155.0	29.27	162.1	31.51
	-9.4	126.3	20.40	136.3	23.27	143.5	25.23	150.7	27.30	155.0	28.74	162.1	30.94
	-15.0	126.3	20.03	136.3	22.85	143.5	24.78	150.7	26.81	155.0	28.23	162.1	30.39
120	51.7	69.7	35.90	75.2	40.82	79.2	44.19	83.1	47.74	85.5	50.20	89.5	53.96
	50.0	77.6	37.55	83.8	42.77	88.2	46.36	92.6	50.12	95.2	52.75	99.6	56.74
	47.8	89.3	40.21	96.4	45.92	101.4	49.84	106.5	53.96	109.5	56.83	114.6	61.21
	46.1	99.3	42.62	107.2	48.77	112.9	52.90	118.5	57.44	121.9	60.55	127.6	65.28
	43.3	113.9	45.19	123.0	51.84	129.5	56.41	135.9	61.22	139.8	64.59	146.3	69.72
	41.1	118.6	43.80	128.1	50.25	134.8	54.68	141.6	59.34	145.6	62.61	152.4	67.58
	39.4	122.1	42.73	131.8	49.02	138.7	53.34	145.6	57.89	149.8	61.07	156.7	65.92
	37.2	126.2	41.33	136.2	47.42	143.4	51.59	150.5	55.99	154.8	59.07	162.0	63.77
	35.0	130.0	39.93	140.3	45.81	147.7	49.84	155.1	54.10	159.5	57.07	166.9	61.61
	33.9	130.0	38.56	140.3	44.21	147.7	48.10	155.1	52.19	159.5	55.05	166.9	59.42
	32.8	130.0	37.25	140.3	42.70	147.7	46.45	155.1	50.39	159.5	53.14	166.9	57.34
	30.6	130.0	34.82	140.3	39.89	147.7	43.37	155.1	47.03	159.5	49.59	166.9	53.49
	27.8	130.0	32.02	140.3	36.65	147.7	39.82	155.1	43.17	159.5	45.50	166.9	49.06
	23.9	130.0	28.52	140.3	32.61	147.7	35.42	155.1	38.38	159.5	40.44	166.9	43.58
	22.2	130.0	27.11	140.3	30.99	147.7	33.65	155.1	36.45	159.5	38.41	166.9	41.39
	21.1	130.0	26.23	140.3	29.98	147.7	32.55	155.1	35.26	159.5	37.15	166.9	40.02
	20.0	130.0	25.37	140.3	28.99	147.7	31.48	155.1	34.09	159.5	35.91	166.9	38.69
	18.3	130.0	24.75	140.3	28.28	147.7	30.69	155.1	33.24	159.5	35.01	166.9	37.72
	16.7	130.0	24.24	140.3	27.69	147.7	30.05	155.1	32.54	159.5	34.27	166.9	36.91
	14.4	130.0	23.63	140.3	26.98	147.7	29.27	155.1	31.69	159.5	33.38	166.9	35.95
	12.2	130.0	23.13	140.3	26.40	147.7	28.65	155.1	31.01	159.5	32.66	166.9	35.16
	10.0	130.0	22.61	140.3	25.80	147.7	27.99	155.1	30.30	159.5	31.91	166.9	34.35
	4.4	130.0	22.03	140.3	25.13	147.7	27.26	155.1	29.50	159.5	31.06	166.9	33.44
	-1.1	130.0	21.52	140.3	24.55	147.7	26.63	155.1	28.81	159.5	30.34	166.9	32.66
	-5.0	130.0	21.18	140.3	24.16	147.7	26.20	155.1	28.35	159.5	29.85	166.9	32.13
	-9.4	130.0	20.80	140.3	23.72	147.7	25.73	155.1	27.84	159.5	29.31	166.9	31.55
	-15.0	130.0	20.43	140.3	23.30	147.7	25.27	155.1	27.34	159.5	28.78	166.9	30.98
130	51.7	71.3	36.41	77.0	41.40	81.1	44.82	85.1	48.41	87.5	50.92	90.7	54.21
	50.0	79.5	38.08	85.8	43.38	90.3	47.01	94.8	50.83	97.5	53.49	101.1	57.01
	47.8	91.4	40.78	98.7	46.57	103.8	50.54	109.0	54.72	112.2	57.64	116.3	61.50
	46.1	101.7	43.22	109.8	49.46	115.6	53.65	121.4	58.26	124.8	61.41	129.4	65.59
	43.3	116.6	45.83	125.9	52.58	132.6	57.21	139.2	62.09	143.2	65.50	148.4	70.05
	41.1	121.5	44.42	131.1	50.96	138.0	55.45	144.9	60.18	149.1	63.49	154.5	67.90
	39.4	125.0	43.34	134.9	49.72	142.0	54.10	149.1	58.71	153.4	61.94	159.0	66.24
	37.2	129.2	41.92	139.5	48.09	146.8	52.33	154.1	56.79	158.5	59.91	164.3	64.07
	35.0	133.1	40.49	143.7	46.46	151.2	50.55	158.8	54.86	163.3	57.88	169.3	61.90
	33.9	133.1	39.10	143.7	44.84	151.2	48.78	158.8	52.93	163.3	55.83	169.3	59.70
	32.8	133.1	37.78	143.7	43.31	151.2	47.10	158.8	51.10	163.3	53.89	169.3	57.61
	30.6	133.1	35.32	143.7	40.45	151.2	43.98	158.8	47.70	163.3	50.29	169.3	53.74
	27.8	133.1	32.47	143.7	37.16	151.2	40.39	158.8	43.78	163.3	46.15	169.3	49.29
	23.9	133.1	28.92	143.7	33.07	151.2	35.92	158.8	38.92	163.3	41.01	169.3	43.79
	22.2	133.1	27.50	143.7	31.43	151.2	34.13	158.8	36.97	163.3	38.96	169.3	41.59
	21.1	133.1	26.60	143.7	30.40	151.2	33.01	158.8	35.76	163.3	37.67	169.3	40.21
	20.0	133.1	25.73	143.7	29.40	151.2	31.92	158.8	34.57	163.3	36.42	169.3	38.87
	18.3	133.1	25.10	143.7	28.68	151.2	31.13	158.8	33.71	163.3	35.51	169.3	37.89
	16.7	133.1	24.59	143.7	28.08	151.2	30.48	158.8	33.00	163.3	34.76	169.3	37.09
	14.4	133.1	23.96	143.7	27.36	151.2	29.69	158.8	32.14	163.3	33.85	169.3	36.12
	12.2	133.1	23.46	143.7	26.77	151.2	29.05	158.8	31.45	163.3	33.12	169.3	35.33
	10.0	133.1	22.93	143.7	26.17	151.2	28.39	158.8	30.73	163.3	32.36	169.3	34.52
	4.4	133.1	22.34	143.7	25.48	151.2	27.64	158.8	29.92	163.3	31.50	169.3	33.59
	-1.1	133.1	21.83	143.7	24.90	151.2	27.01	158.8	29.22	163.3	30.77	169.3	32.81
	-5.0	133.1	21.48	143.7	24.50	151.2	26.57	158.8	28.75	163.3	30.27	169.3	32.28
	-9.4	133.1	21.09	143.7	24.06	151.2	26.09	158.8	28.23	163.3	29.72	169.3	31.70
	-15.0	133.1	20.72	143.7	23.63	151.2	25.63	158.8	27.73	163.3	29.19	169.3	31.13

Combination	Outdoor air temp.	Indoor air temp.(°CWB) 16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	59.7	30.12	64.5	34.25	67.9	37.08	71.3	40.06	73.3	42.13	76.7	45.27
	50.0	66.5	31.51	71.8	35.89	75.6	38.90	79.4	42.06	81.6	44.26	85.4	47.61
	47.8	76.5	33.74	82.6	38.53	86.9	41.82	91.3	45.27	93.9	47.69	98.2	51.36
	46.1	85.1	35.76	91.9	40.93	96.8	44.38	101.6	48.20	104.5	50.81	109.3	54.78
	43.3	97.7	37.92	105.4	43.50	111.0	47.33	116.5	51.37	119.9	54.19	125.4	58.50
	41.1	101.7	36.75	109.8	42.17	115.6	45.88	121.3	49.79	124.8	52.53	130.6	56.70
	39.4	104.6	35.85	112.9	41.13	118.9	44.76	124.8	48.57	128.4	51.24	134.3	55.32
	37.2	108.1	34.68	116.7	39.79	122.9	43.29	129.0	46.98	132.7	49.57	138.9	53.51
	35.0	111.4	33.50	120.3	38.44	126.6	41.82	132.9	45.39	136.7	47.89	143.1	51.69
	33.9	111.4	32.35	120.3	37.10	126.6	40.36	132.9	43.79	136.7	46.20	143.1	49.86
	32.8	111.4	31.26	120.3	35.83	126.6	38.97	132.9	42.28	136.7	44.59	143.1	48.11
	30.6	111.4	29.22	120.3	33.47	126.6	36.39	132.9	39.46	136.7	41.61	143.1	44.88
	27.8	111.4	26.87	120.3	30.75	126.6	33.41	132.9	36.22	136.7	38.18	143.1	41.17
	23.9	111.4	23.93	120.3	27.36	126.6	29.72	132.9	32.20	136.7	33.93	143.1	36.57
	22.2	111.4	22.75	120.3	26.00	126.6	28.24	132.9	30.59	136.7	32.23	143.1	34.73
	21.1	111.4	22.01	120.3	25.15	126.6	27.31	132.9	29.58	136.7	31.17	143.1	33.58
	20.0	111.4	21.29	120.3	24.33	126.6	26.41	132.9	28.60	136.7	30.13	143.1	32.46
	18.3	111.4	20.77	120.3	23.73	126.6	25.76	132.9	27.89	136.7	29.38	143.1	31.65
	16.7	111.4	20.34	120.3	23.23	126.6	25.21	132.9	27.30	136.7	28.76	143.1	30.97
	14.4	111.4	19.82	120.3	22.63	126.6	24.56	132.9	26.59	136.7	28.01	143.1	30.16
	12.2	111.4	19.41	120.3	22.15	126.6	24.04	132.9	26.02	136.7	27.40	143.1	29.51
	10.0	111.4	18.97	120.3	21.65	126.6	23.49	132.9	25.42	136.7	26.77	143.1	28.83
	4.4	111.4	18.48	120.3	21.08	126.6	22.87	132.9	24.75	136.7	26.06	143.1	28.06
	-1.1	111.4	18.06	120.3	20.60	126.6	22.35	132.9	24.18	136.7	25.46	143.1	27.40
	-5.0	111.4	17.77	120.3	20.27	126.6	21.98	132.9	23.79	136.7	25.04	143.1	26.96
	-9.4	111.4	17.45	120.3	19.91	126.6	21.59	132.9	23.36	136.7	24.59	143.1	26.47
	-15.0	111.4	17.14	120.3	19.55	126.6	21.20	132.9	22.94	136.7	24.15	143.1	26.00
80	51.7	53.1	25.75	57.3	29.28	60.3	31.70	63.3	34.25	65.2	36.02	68.2	38.71
	50.0	59.1	26.94	63.8	30.69	67.2	33.26	70.5	35.96	72.6	37.84	75.9	40.70
	47.8	68.0	28.84	73.4	32.94	77.3	35.75	81.1	38.71	83.5	40.77	87.3	43.91
	46.1	75.7	30.58	81.7	34.99	86.0	37.95	90.3	41.21	92.9	43.44	97.2	46.83
	43.3	86.8	32.42	93.7	37.19	98.6	40.47	103.6	43.92	106.5	46.33	111.5	50.02
	41.1	90.4	31.42	97.6	36.05	102.7	39.23	107.9	42.57	110.9	44.91	116.1	48.48
	39.4	93.0	30.66	100.4	35.17	105.7	38.27	111.0	41.53	114.1	43.81	119.4	47.29
	37.2	96.1	29.65	103.8	34.02	109.2	37.01	114.7	40.17	118.0	42.38	123.4	45.75
	35.0	99.0	28.65	106.9	32.86	112.5	35.76	118.2	38.81	121.5	40.94	127.2	44.20
	33.9	99.0	27.66	106.9	31.72	112.5	34.51	118.2	37.44	121.5	39.50	127.2	42.63
	32.8	99.0	26.73	106.9	30.64	112.5	33.32	118.2	36.15	121.5	38.12	127.2	41.14
	30.6	99.0	24.98	106.9	28.62	112.5	31.11	118.2	33.74	121.5	35.57	127.2	38.37
	27.8	99.0	22.97	106.9	26.29	112.5	28.57	118.2	30.97	121.5	32.64	127.2	35.20
	23.9	99.0	20.46	106.9	23.40	112.5	25.41	118.2	27.53	121.5	29.01	127.2	31.27
	22.2	99.0	19.45	106.9	22.23	112.5	24.14	118.2	26.15	121.5	27.56	127.2	29.69
	21.1	99.0	18.82	106.9	21.51	112.5	23.35	118.2	25.29	121.5	26.65	127.2	28.71
	20.0	99.0	18.20	106.9	20.80	112.5	22.58	118.2	24.46	121.5	25.76	127.2	27.76
	18.3	99.0	17.76	106.9	20.29	112.5	22.02	118.2	23.84	121.5	25.12	127.2	27.06
	16.7	99.0	17.39	106.9	19.86	112.5	21.56	118.2	23.34	121.5	24.59	127.2	26.48
	14.4	99.0	16.95	106.9	19.35	112.5	21.00	118.2	22.74	121.5	23.95	127.2	25.79
	12.2	99.0	16.59	106.9	18.94	112.5	20.55	118.2	22.25	121.5	23.43	127.2	25.23
	10.0	99.0	16.22	106.9	18.51	112.5	20.08	118.2	21.74	121.5	22.89	127.2	24.65
	4.4	99.0	15.80	106.9	18.03	112.5	19.56	118.2	21.16	121.5	22.28	127.2	23.99
	-1.1	99.0	15.44	106.9	17.61	112.5	19.11	118.2	20.67	121.5	21.77	127.2	23.43
	-5.0	99.0	15.19	106.9	17.33	112.5	18.80	118.2	20.34	121.5	21.41	127.2	23.05
	-9.4	99.0	14.92	106.9	17.02	112.5	18.46	118.2	19.97	121.5	21.03	127.2	22.63
	-15.0	99.0	14.66	106.9	16.71	112.5	18.13	118.2	19.61	121.5	20.65	127.2	22.23
70	51.7	46.5	21.71	50.1	24.68	52.8	26.72	55.4	28.86	57.0	30.36	59.6	32.63
	50.0	51.7	22.71	55.9	25.86	58.8	28.03	61.7	30.31	63.5	31.89	66.4	34.31
	47.8	59.5	24.31	64.2	27.76	67.6	30.13	71.0	32.63	73.0	34.36	76.4	37.01
	46.1	66.2	25.77	71.5	29.49	75.3	31.98	79.0	34.73	81.3	36.61	85.0	39.47
	43.3	76.0	27.32	82.0	31.35	86.3	34.11	90.6	37.02	93.2	39.05	97.5	42.16
	41.1	79.1	26.49	85.4	30.39	89.9	33.06	94.4	35.88	97.1	37.86	101.6	40.86
	39.4	81.4	25.84	87.8	29.64	92.5	32.25	97.1	35.00	99.9	36.93	104.5	39.86
	37.2	84.1	24.99	90.8	28.67	95.6	31.20	100.4	33.86	103.2	35.72	108.0	38.56
	35.0	86.7	24.14	93.6	27.70	98.5	30.14	103.4	32.71	106.4	34.51	111.3	37.25
	33.9	86.7	23.31	93.6	26.74	98.5	29.09	103.4	31.56	106.4	33.29	111.3	35.93
	32.8	86.7	22.53	93.6	25.82	98.5	28.08	103.4	30.47	106.4	32.13	111.3	34.67
	30.6	86.7	21.06	93.6	24.12	98.5	26.22	103.4	28.44	106.4	29.98	111.3	32.34
	27.8	86.7	19.36	93.6	22.16	98.5	24.08	103.4	26.10	106.4	27.51	111.3	29.67
	23.9	86.7	17.25	93.6	19.72	98.5	21.42	103.4	23.20	106.4	24.45	111.3	26.35
	22.2	86.7	16.39	93.6	18.74	98.5	20.35	103.4	22.04	106.4	23.23	111.3	25.03
	21.1	86.7	15.86	93.6	18.13	98.5	19.68	103.4	21.32	106.4	22.46	111.3	24.20
	20.0	86.7	15.34	93.6	17.53	98.5	19.03	103.4	20.61	106.4	21.72	111.3	23.39
	18.3	86.7	14.97	93.6	17.10	98.5	18.56	103.4	20.10	106.4	21.17	111.3	22.81
	16.7	86.7	14.66	93.6	16.74	98.5	18.17	103.4	19.67	106.4	20.72	111.3	22.32
	14.4	86.7	14.29	93.6	16.31	98.5	17.70	103.4	19.16	106.4	20.18	111.3	21.74
	12.2	86.7	13.98	93.6	15.96	98.5	17.32	103.4	18.75	106.4	19.75	111.3	21.26
	10.0	86.7	13.67	93.6	15.60	98.5	16.93	103.4	18.32	106.4	19.29	111.3	20.77
	4.4	86.7	13.32	93.6	15.19	98.5	16.48	103.4	17.84	106.4	18.78	111.3	20.22
	-1.1	86.7	13.02	93.6	14.85	98.5	16.10	103.4	17.42	106.4	18.34	111.3	19.75
	-5.0	86.7	12.81	93.6	14.61	98.5	15.84	103.4	17.14	106.4	18.05	111.3	19.43
	-9.4	86.7	12.58	93.6	14.34	98.5	15.56	103.4	16.83	106.4	17.72	111.3	19.08
	-15.0	86.7	12.35	93.6	14.09	98.5	15.28	103.4	16.53	106.4	17.41	111.3	18.73

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP5041FT6P-UL/MMY-UP5041FT9P-UL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	69.7	37.88	75.2	43.07	79.2	46.64	83.1	50.38	85.5	52.98	89.5	56.94
	50.0	77.6	39.63	83.8	45.14	88.2	48.92	92.6	52.89	95.2	55.66	99.6	59.87
	47.8	89.3	42.43	96.4	48.45	101.4	52.59	106.5	56.94	109.5	59.97	114.6	64.59
	46.1	99.3	44.97	107.2	51.47	112.9	55.83	118.5	60.62	121.9	63.89	127.6	68.89
	43.3	113.9	47.68	123.0	54.71	129.5	59.53	135.9	64.60	139.8	68.15	146.3	73.57
	41.1	118.6	46.22	128.1	53.03	134.8	57.70	141.6	62.62	145.6	66.06	152.3	71.31
	39.4	122.1	45.09	131.8	51.73	138.7	56.29	145.6	61.09	149.8	64.44	156.7	69.56
	37.2	126.2	43.61	136.2	50.04	143.4	54.45	150.5	59.09	154.8	62.34	162.0	67.29
	35.0	130.0	42.13	140.3	48.34	147.7	52.60	155.1	57.09	159.5	60.22	166.9	65.01
	33.9	130.0	40.69	140.3	46.66	147.7	50.76	155.1	55.08	159.5	58.09	166.9	62.70
	32.8	130.0	39.31	140.3	45.06	147.7	49.01	155.1	53.17	159.5	56.08	166.9	60.51
	30.6	130.0	36.75	140.3	42.09	147.7	45.76	155.1	49.63	159.5	52.33	166.9	56.44
	27.8	130.0	33.79	140.3	38.67	147.7	42.02	155.1	45.55	159.5	48.02	166.9	51.77
	23.9	130.0	30.09	140.3	34.41	147.7	37.38	155.1	40.50	159.5	42.67	166.9	45.99
	22.2	130.0	28.61	140.3	32.70	147.7	35.51	155.1	38.47	159.5	40.53	166.9	43.68
	21.1	130.0	27.68	140.3	31.64	147.7	34.35	155.1	37.21	159.5	39.20	166.9	42.23
	20.0	130.0	26.77	140.3	30.59	147.7	33.22	155.1	35.97	159.5	37.90	166.9	40.83
	18.3	130.0	26.12	140.3	29.84	147.7	32.39	155.1	35.07	159.5	36.95	166.9	39.80
	16.7	130.0	25.58	140.3	29.22	147.7	31.71	155.1	34.33	159.5	36.16	166.9	38.95
	14.4	130.0	24.93	140.3	28.47	147.7	30.89	155.1	33.44	159.5	35.22	166.9	37.93
	12.2	130.0	24.40	140.3	27.86	147.7	30.23	155.1	32.72	159.5	34.46	166.9	37.11
	10.0	130.0	23.86	140.3	27.23	147.7	29.54	155.1	31.97	159.5	33.67	166.9	36.25
	4.4	130.0	23.24	140.3	26.52	147.7	28.77	155.1	31.13	159.5	32.77	166.9	35.28
	-1.1	130.0	22.71	140.3	25.91	147.7	28.10	155.1	30.41	159.5	32.01	166.9	34.46
	-5.0	130.0	22.35	140.3	25.49	147.7	27.65	155.1	29.92	159.5	31.50	166.9	33.90
	-9.4	130.0	21.95	140.3	25.03	147.7	27.15	155.1	29.38	159.5	30.93	166.9	33.29
	-15.0	130.0	21.56	140.3	24.59	147.7	26.67	155.1	28.85	159.5	30.37	166.9	32.69
110	51.7	71.1	38.27	76.7	43.51	80.8	47.11	84.8	50.89	87.2	53.52	91.3	57.52
	50.0	79.2	40.03	85.5	45.60	89.9	49.42	94.4	53.43	97.1	56.23	101.6	60.48
	47.8	91.0	42.86	98.3	48.95	103.5	53.13	108.6	57.52	111.7	60.58	116.9	65.25
	46.1	101.3	45.43	109.4	52.00	115.1	56.40	120.9	61.24	124.3	64.55	130.1	69.59
	43.3	116.2	48.17	125.5	55.27	132.1	60.14	138.7	65.26	142.6	68.85	149.2	74.32
	41.1	121.0	46.69	130.6	53.57	137.5	58.23	144.4	63.26	148.5	66.74	155.4	72.04
	39.4	124.5	45.55	134.4	52.26	141.5	56.86	148.5	61.71	152.8	65.10	159.9	70.28
	37.2	128.7	44.06	138.9	50.55	146.2	55.00	153.6	59.69	157.9	62.97	165.2	67.98
	35.0	132.6	42.56	143.1	48.83	150.7	53.14	158.2	57.67	162.7	60.84	170.2	65.67
	33.9	132.6	41.10	143.1	47.14	150.7	51.28	158.2	55.64	162.7	58.69	170.2	63.34
	32.8	132.6	39.71	143.1	45.52	150.7	49.51	158.2	53.71	162.7	56.65	170.2	61.13
	30.6	132.6	37.12	143.1	42.52	150.7	46.23	158.2	50.14	162.7	52.86	170.2	57.02
	27.8	132.6	34.13	143.1	39.07	150.7	42.45	158.2	46.02	162.7	48.51	170.2	52.30
	23.9	132.6	30.40	143.1	34.77	150.7	37.76	158.2	40.91	162.7	43.11	170.2	46.46
	22.2	132.6	28.90	143.1	33.04	150.7	35.88	158.2	38.86	162.7	40.95	170.2	44.12
	21.1	132.6	27.96	143.1	31.96	150.7	34.70	158.2	37.59	162.7	39.60	170.2	42.66
	20.0	132.6	27.05	143.1	30.91	150.7	33.56	158.2	36.34	162.7	38.28	170.2	41.24
	18.3	132.6	26.39	143.1	30.14	150.7	32.72	158.2	35.43	162.7	37.32	170.2	40.21
	16.7	132.6	25.84	143.1	29.51	150.7	32.04	158.2	34.69	162.7	36.53	170.2	39.35
	14.4	132.6	25.19	143.1	28.76	150.7	31.21	158.2	33.79	162.7	35.58	170.2	38.32
	12.2	132.6	24.65	143.1	28.14	150.7	30.54	158.2	33.06	162.7	34.81	170.2	37.49
	10.0	132.6	24.10	143.1	27.51	150.7	29.84	158.2	32.30	162.7	34.01	170.2	36.62
	4.4	132.6	23.48	143.1	26.79	150.7	29.06	158.2	31.45	162.7	33.11	170.2	35.64
	-1.1	132.6	22.94	143.1	26.17	150.7	28.39	158.2	30.72	162.7	32.34	170.2	34.81
	-5.0	132.6	22.58	143.1	25.75	150.7	27.93	158.2	30.22	162.7	31.82	170.2	34.25
	-9.4	132.6	22.17	143.1	25.29	150.7	27.43	158.2	29.68	162.7	31.24	170.2	33.63
	-15.0	132.6	21.78	143.1	24.84	150.7	26.94	158.2	29.15	162.7	30.69	170.2	33.03
120	51.7	73.2	39.02	79.0	44.37	83.1	48.04	87.3	51.89	89.8	54.57	93.9	58.65
	50.0	81.5	40.82	88.0	46.49	92.6	50.39	97.2	54.48	100.0	57.33	104.6	61.67
	47.8	93.7	43.70	101.2	49.91	106.5	54.17	111.8	58.65	115.0	61.77	120.3	66.53
	46.1	104.3	46.32	112.6	53.02	118.5	57.51	124.5	62.44	128.0	65.82	133.9	70.96
	43.3	119.6	49.12	129.1	56.35	135.9	61.32	142.7	66.55	146.8	70.20	153.6	75.78
	41.1	124.6	47.61	134.5	54.62	141.6	59.44	148.6	64.51	152.9	68.05	160.0	73.45
	39.4	128.2	46.45	138.4	53.29	145.6	57.98	152.9	62.93	157.3	66.38	164.6	71.66
	37.2	132.5	44.92	143.0	51.54	150.5	56.08	158.1	60.87	162.6	64.21	170.1	69.31
	35.0	136.5	43.40	147.3	49.79	155.1	54.18	162.9	58.80	167.5	62.03	175.3	66.96
	33.9	136.5	41.91	147.3	48.06	155.1	52.29	162.9	56.73	167.5	59.84	175.3	64.58
	32.8	136.5	40.49	147.3	46.42	155.1	50.49	162.9	54.77	167.5	57.76	175.3	62.33
	30.6	136.5	37.85	147.3	43.36	155.1	47.14	162.9	51.12	167.5	53.90	175.3	58.14
	27.8	136.5	34.80	147.3	39.83	155.1	43.29	162.9	46.92	167.5	49.46	175.3	53.33
	23.9	136.5	31.00	147.3	35.45	155.1	38.50	162.9	41.71	167.5	43.96	175.3	47.37
	22.2	136.5	29.47	147.3	33.69	155.1	36.58	162.9	39.63	167.5	41.75	175.3	44.99
	21.1	136.5	28.51	147.3	32.59	155.1	35.38	162.9	38.32	167.5	40.38	175.3	43.50
	20.0	136.5	27.58	147.3	31.51	155.1	34.21	162.9	37.05	167.5	39.03	175.3	42.05
	18.3	136.5	26.90	147.3	30.74	155.1	33.36	162.9	36.13	167.5	38.06	175.3	40.99
	16.7	136.5	26.35	147.3	30.09	155.1	32.66	162.9	35.37	167.5	37.25	175.3	40.12
	14.4	136.5	25.68	147.3	29.32	155.1	31.82	162.9	34.45	167.5	36.28	175.3	39.07
	12.2	136.5	25.14	147.3	28.70	155.1	31.14	162.9	33.71	167.5	35.50	175.3	38.22
	10.0	136.5	24.57	147.3	28.05	155.1	30.43	162.9	32.93	167.5	34.68	175.3	37.34
	4.4	136.5	23.94	147.3	27.31	155.1	29.63	162.9	32.06	167.5	33.76	175.3	36.34
	-1.1	136.5	23.40	147.3	26.69	155.1	28.95	162.9	31.32	167.5	32.98	175.3	35.50
	-5.0	136.5	23.02	147.3	26.26	155.1	28.48	162.9	30.81	167.5	32.44	175.3	34.92
	-9.4	136.5	22.61	147.3	25.79	155.1	27.97	162.9	30.26	167.5	31.86	175.3	34.29
	-15.0	136.5	22.20	147.3	25.33	155.1	27.47	162.9	29.72	167.5	31.29	175.3	33.68
130	51.7	74.9	39.57	80.9	45.00	85.1	48.72	89.4	52.63	91.9	55.34	95.3	58.93
	50.0	83.4	41.39	90.1	47.15	94.8	51.11	99.5	55.26	102.4	58.15	106.1	61.96
	47.8	95.9	44.32	103.6	50.62	109.0	54.94	114.5	59.48	117.8	62.65	122.1	66.85
	46.1	106.8	46.98	115.3	53.77	121.4	58.32	127.4	63.33	131.1	66.75	135.8	71.29
	43.3	122.5	49.81	132.2	57.15	139.2	62.19	146.1	67.49	150.3	71.20	155.8	76.14
	41.1	127.5	48.29	137.7	55.40	144.9	60.28	152.2	65.42	156.5	69.01	162.3	73.80
	39.4	131.2	47.10	141.6	54.04	149.1	58.80	156.6	63.82	161.0	67.32	166.9	72.00
	37.2	135.6	45.56	146.4	52.27	154.1	56.88	161.8	61.73	166.5	65.12	172.5	69.64
	35.0	139.7	44.02	150.9	50.50	158.8	54.95	166.7	59.64	171.5	62.91	177.8	67.28
	33.9	139.7	42.50	150.9	48.74	158.8	53.03	166.7	57.54	171.5	60.69	177.8	64.89
	32.8	139.7	41.07	150.9	47.08	158.8	51.20	166.7	55.55	171.5	58.58	177.8	62.62
	30.6	139.7	38.39	150.9	43.97	158.8	47.81	166.7	51.84	171.5	54.66	177.8	58.41
	27.8	139.7	35.29	150.9	40.40	158.8	43.90	166.7	47.59	171.5	50.16	177.8	53.58
	23.9	139.7	31.44	150.9	35.95	158.8	39.05	166.7	42.31	171.5	44.58	177.8	47.60
	22.2	139.7	29.89	150.9	34.16	158.8	37.10	166.7	40.19	171.5	42.34	177.8	45.20
	21.1	139.7	28.92	150.9	33.05	158.8	35.88	166.7	38.87	171.5	40.95	177.8	43.71
	20.0	139.7	27.97	150.9	31.96	158.8	34.70	166.7	37.58	171.5	39.59	177.8	42.25
	18.3	139.7	27.29	150.9	31.17	158.8	33.84	166.7	36.64	171.5	38.60	177.8	41.19
	16.7	139.7	26.72	150.9	30.52	158.8	33.13	166.7	35.87	171.5	37.78	177.8	40.31
	14.4	139.7	26.04	150.9	29.74	158.8	32.27	166.7	34.94	171.5	36.80	177.8	39.26
	12.2	139.7	25.49	150.9	29.10	158.8	31.58	166.7	34.18	171.5	36.00	177.8	38.40
	10.0	139.7	24.92	150.9	28.44	158.8	30.86	166.7	33.40	171.5	35.17	177.8	37.52
	4.4	139.7	24.28	150.9	27.70	158.8	30.05	166.7	32.52	171.5	34.24	177.8	36.51
	-1.1	139.7	23.73	150.9	27.07	158.8	29.36	166.7	31.77	171.5	33.44	177.8	35.66
	-5.0	139.7	23.35	150.9	26.63	158.8	28.88	166.7	31.25	171.5	32.90	177.8	35.09
	-9.4	139.7	22.92	150.9	26.15	158.8	28.36	166.7	30.69	171.5	32.31	177.8	34.45
	-15.0	139.7	22.52	150.9	25.69	158.8	27.86	166.7	30.14	171.5	31.73	177.8	33.84

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	62.7	32.74	67.7	37.23	71.3	40.31	74.8	43.54	77.0	45.79	80.5	49.21
	50.0	69.8	34.25	75.4	39.01	79.4	42.28	83.3	45.72	85.7	48.11	89.7	51.75
	47.8	80.3	36.67	86.7	41.88	91.3	45.45	95.8	49.21	98.6	51.83	103.1	55.83
	46.1	89.4	38.87	96.5	44.49	101.6	48.25	106.7	52.39	109.7	55.22	114.8	59.54
	43.3	102.5	41.21	110.7	47.28	116.5	51.45	122.4	55.84	125.8	58.91	131.7	63.59
	41.1	106.8	39.95	115.3	45.83	121.3	49.87	127.4	54.13	131.0	57.10	137.1	61.63
	39.4	109.8	38.97	118.6	44.71	124.8	48.65	131.1	52.80	134.8	55.70	141.1	60.13
	37.2	113.5	37.70	122.6	43.25	129.0	47.06	135.5	51.07	139.4	53.88	145.8	58.16
	35.0	117.0	36.42	126.3	41.78	132.9	45.46	139.6	49.34	143.6	52.05	150.2	56.19
	33.9	117.0	35.17	126.3	40.33	132.9	43.87	139.6	47.60	143.6	50.21	150.2	54.19
	32.8	117.0	33.98	126.3	38.95	132.9	42.36	139.6	45.96	143.6	48.47	150.2	52.30
	30.6	117.0	31.76	126.3	36.38	132.9	39.56	139.6	42.89	143.6	45.23	150.2	48.78
	27.8	117.0	29.20	126.3	33.42	132.9	36.32	139.6	39.37	143.6	41.50	150.2	44.75
	23.9	117.0	26.01	126.3	29.74	132.9	32.31	139.6	35.00	143.6	36.88	150.2	39.75
	22.2	117.0	24.73	126.3	28.27	132.9	30.70	139.6	33.25	143.6	35.03	150.2	37.75
	21.1	117.0	23.92	126.3	27.34	132.9	29.69	139.6	32.16	143.6	33.88	150.2	36.50
	20.0	117.0	23.14	126.3	26.44	132.9	28.71	139.6	31.09	143.6	32.75	150.2	35.29
	18.3	117.0	22.58	126.3	25.79	132.9	28.00	139.6	30.32	143.6	31.93	150.2	34.40
	16.7	117.0	22.11	126.3	25.25	132.9	27.41	139.6	29.68	143.6	31.26	150.2	33.67
	14.4	117.0	21.55	126.3	24.60	132.9	26.70	139.6	28.91	143.6	30.44	150.2	32.78
	12.2	117.0	21.09	126.3	24.08	132.9	26.13	139.6	28.28	143.6	29.78	150.2	32.07
	10.0	117.0	20.62	126.3	23.53	132.9	25.53	139.6	27.63	143.6	29.10	150.2	31.33
	4.4	117.0	20.09	126.3	22.92	132.9	24.86	139.6	26.90	143.6	28.33	150.2	30.49
	-1.1	117.0	19.63	126.3	22.39	132.9	24.29	139.6	26.28	143.6	27.67	150.2	29.78
	-5.0	117.0	19.32	126.3	22.03	132.9	23.90	139.6	25.86	143.6	27.22	150.2	29.30
	-9.4	117.0	18.97	126.3	21.64	132.9	23.47	139.6	25.39	143.6	26.73	150.2	28.77
	-15.0	117.0	18.63	126.3	21.25	132.9	23.05	139.6	24.94	143.6	26.25	150.2	28.26
80	51.7	55.7	27.99	60.2	31.83	63.3	34.46	66.5	37.23	68.4	39.15	71.6	42.07
	50.0	62.1	29.28	67.0	33.36	70.5	36.15	74.1	39.09	76.2	41.13	79.7	44.24
	47.8	71.4	31.35	77.1	35.81	81.1	38.86	85.2	42.08	87.6	44.32	91.7	47.73
	46.1	79.5	33.23	85.8	38.03	90.3	41.26	94.8	44.80	97.5	47.22	102.0	50.91
	43.3	91.1	35.24	98.4	40.43	103.6	43.99	108.8	47.74	111.9	50.36	117.0	54.36
	41.1	94.9	34.16	102.5	39.19	107.9	42.64	113.3	46.28	116.5	48.82	121.9	52.70
	39.4	97.6	33.32	105.4	38.23	111.0	41.60	116.5	45.14	119.8	47.62	125.4	51.41
	37.2	100.9	32.23	109.0	36.98	114.7	40.23	120.4	43.67	123.9	46.06	129.6	49.72
	35.0	104.0	31.14	112.3	35.72	118.2	38.87	124.1	42.19	127.6	44.50	133.5	48.04
	33.9	104.0	30.07	112.3	34.48	118.2	37.51	124.1	40.70	127.6	42.93	133.5	46.33
	32.8	104.0	29.05	112.3	33.30	118.2	36.22	124.1	39.29	127.6	41.44	133.5	44.71
	30.6	104.0	27.15	112.3	31.11	118.2	33.82	124.1	36.67	127.6	38.67	133.5	41.71
	27.8	104.0	24.97	112.3	28.58	118.2	31.05	124.1	33.66	127.6	35.48	133.5	38.26
	23.9	104.0	22.24	112.3	25.43	118.2	27.62	124.1	29.93	127.6	31.53	133.5	33.99
	22.2	104.0	21.14	112.3	24.17	118.2	26.24	124.1	28.43	127.6	29.95	133.5	32.28
	21.1	104.0	20.45	112.3	23.38	118.2	25.38	124.1	27.49	127.6	28.97	133.5	31.21
	20.0	104.0	19.78	112.3	22.61	118.2	24.55	124.1	26.58	127.6	28.00	133.5	30.17
	18.3	104.0	19.30	112.3	22.05	118.2	23.94	124.1	25.92	127.6	27.30	133.5	29.41
	16.7	104.0	18.90	112.3	21.59	118.2	23.43	124.1	25.37	127.6	26.72	133.5	28.78
	14.4	104.0	18.42	112.3	21.04	118.2	22.83	124.1	24.71	127.6	26.03	133.5	28.03
	12.2	104.0	18.03	112.3	20.59	118.2	22.34	124.1	24.18	127.6	25.46	133.5	27.42
	10.0	104.0	17.63	112.3	20.12	118.2	21.83	124.1	23.63	127.6	24.88	133.5	26.79
	4.4	104.0	17.18	112.3	19.60	118.2	21.26	124.1	23.00	127.6	24.22	133.5	26.07
	-1.1	104.0	16.78	112.3	19.15	118.2	20.77	124.1	22.47	127.6	23.66	133.5	25.47
	-5.0	104.0	16.51	112.3	18.84	118.2	20.43	124.1	22.11	127.6	23.27	133.5	25.05
	-9.4	104.0	16.22	112.3	18.50	118.2	20.06	124.1	21.71	127.6	22.85	133.5	24.60
	-15.0	104.0	15.93	112.3	18.17	118.2	19.71	124.1	21.32	127.6	22.45	133.5	24.16
70	51.7	48.8	23.59	52.7	26.83	55.4	29.05	58.2	31.38	59.9	33.00	62.6	35.46
	50.0	54.3	24.68	58.6	28.11	61.7	30.47	64.8	32.94	66.7	34.67	69.8	37.29
	47.8	62.5	26.43	67.4	30.18	71.0	32.76	74.5	35.46	76.7	37.35	80.2	40.23
	46.1	69.5	28.01	75.1	32.06	79.0	34.77	83.0	37.76	85.3	39.80	89.3	42.91
	43.3	79.8	29.70	86.1	34.07	90.6	37.08	95.2	40.24	97.9	42.45	102.4	45.82
	41.1	83.0	28.79	89.7	33.03	94.4	35.94	99.1	39.00	101.9	41.15	106.6	44.42
	39.4	85.4	28.08	92.2	32.22	97.1	35.06	101.9	38.05	104.9	40.14	109.7	43.33
	37.2	88.3	27.16	95.3	31.17	100.4	33.91	105.4	36.80	108.4	38.83	113.4	41.91
	35.0	91.0	26.24	98.2	30.11	103.4	32.76	108.6	35.56	111.7	37.51	116.8	40.49
	33.9	91.0	25.34	98.2	29.06	103.4	31.62	108.6	34.31	111.7	36.18	116.8	39.05
	32.8	91.0	24.48	98.2	28.07	103.4	30.53	108.6	33.12	111.7	34.93	116.8	37.69
	30.6	91.0	22.89	98.2	26.22	103.4	28.50	108.6	30.91	111.7	32.59	116.8	35.15
	27.8	91.0	21.04	98.2	24.09	103.4	26.17	108.6	28.37	111.7	29.91	116.8	32.25
	23.9	91.0	18.74	98.2	21.43	103.4	23.28	108.6	25.22	111.7	26.58	116.8	28.64
	22.2	91.0	17.82	98.2	20.37	103.4	22.12	108.6	23.96	111.7	25.25	116.8	27.20
	21.1	91.0	17.24	98.2	19.70	103.4	21.40	108.6	23.17	111.7	24.41	116.8	26.30
	20.0	91.0	16.68	98.2	19.06	103.4	20.69	108.6	22.41	111.7	23.60	116.8	25.43
	18.3	91.0	16.27	98.2	18.59	103.4	20.17	108.6	21.85	111.7	23.01	116.8	24.79
	16.7	91.0	15.93	98.2	18.20	103.4	19.75	108.6	21.39	111.7	22.52	116.8	24.26
	14.4	91.0	15.53	98.2	17.73	103.4	19.24	108.6	20.83	111.7	21.94	116.8	23.63
	12.2	91.0	15.20	98.2	17.35	103.4	18.83	108.6	20.38	111.7	21.46	116.8	23.11
	10.0	91.0	14.86	98.2	16.96	103.4	18.40	108.6	19.91	111.7	20.97	116.8	22.58
	4.4	91.0	14.48	98.2	16.52	103.4	17.92	108.6	19.39	111.7	20.41	116.8	21.98
	-1.1	91.0	14.15	98.2	16.14	103.4	17.50	108.6	18.94	111.7	19.94	116.8	21.46
	-5.0	91.0	13.92	98.2	15.88	103.4	17.22	108.6	18.63	111.7	19.62	116.8	21.12
	-9.4	91.0	13.67	98.2	15.59	103.4	16.91	108.6	18.30	111.7	19.26	116.8	20.73
	-15.0	91.0	13.43	98.2	15.31	103.4	16.61	108.6	17.97	111.7	18.92	116.8	20.36

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc

High Heating Model

MMY-MUP072H1FT6PUL/MMY-MUP072H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	9.9	3.67	10.7	4.20	11.3	4.55	11.9	4.93	12.2	5.19	12.8	5.59
	50.0	11.1	3.85	12.0	4.41	12.6	4.79	13.2	5.19	13.6	5.47	14.2	5.90
	47.8	12.7	4.14	13.8	4.75	14.5	5.17	15.2	5.62	15.6	5.93	16.4	6.41
	46.1	14.2	4.40	15.3	5.07	16.1	5.43	16.9	6.01	17.4	6.35	18.2	6.87
	43.3	16.3	4.69	17.6	5.42	18.5	5.92	19.4	6.45	20.0	6.82	20.9	7.39
	41.1	16.9	4.54	18.3	5.25	19.3	5.74	20.2	6.25	20.8	6.61	21.7	7.16
	39.4	17.4	4.43	18.8	5.12	19.8	5.60	20.8	6.10	21.4	6.44	22.4	6.99
	37.2	18.0	4.29	19.5	4.96	20.5	5.41	21.5	5.90	22.1	6.23	23.1	6.76
	35.0	18.6	4.14	20.0	4.79	21.1	5.23	22.2	5.70	22.8	6.02	23.8	6.53
	33.9	18.6	4.00	20.0	4.62	21.1	5.04	22.2	5.49	22.8	5.80	23.8	6.29
	32.8	18.6	3.86	20.0	4.45	21.1	4.86	22.2	5.30	22.8	5.60	23.8	6.06
	30.6	18.6	3.60	20.0	4.15	21.1	4.53	22.2	4.93	22.8	5.21	23.8	5.64
	27.8	18.6	3.31	20.0	3.81	21.1	4.15	22.2	4.52	22.8	4.77	23.8	5.17
	23.9	18.6	2.94	20.0	3.38	21.1	3.69	22.2	4.01	22.8	4.23	23.8	4.58
	22.2	18.6	2.79	20.0	3.21	21.1	3.50	22.2	3.81	22.8	4.02	23.8	4.34
	21.1	18.6	2.70	20.0	3.11	21.1	3.39	22.2	3.68	22.8	3.88	23.8	4.20
	20.0	18.6	2.61	20.0	3.00	21.1	3.27	22.2	3.56	22.8	3.75	23.8	4.06
	18.3	18.6	2.55	20.0	2.93	21.1	3.19	22.2	3.46	22.8	3.65	23.8	3.95
	16.7	18.6	2.49	20.0	2.87	21.1	3.12	22.2	3.39	22.8	3.58	23.8	3.86
	14.4	18.6	2.43	20.0	2.79	21.1	3.04	22.2	3.30	22.8	3.48	23.8	3.76
	12.2	18.6	2.38	20.0	2.73	21.1	2.97	22.2	3.23	22.8	3.40	23.8	3.68
	10.0	18.6	2.32	20.0	2.67	21.1	2.90	22.2	3.15	22.8	3.32	23.8	3.59
	4.4	18.6	2.26	20.0	2.60	21.1	2.82	22.2	3.07	22.8	3.23	23.8	3.49
	-1.1	18.6	2.21	20.0	2.54	21.1	2.76	22.2	2.99	22.8	3.16	23.8	3.41
	-5.0	18.6	2.17	20.0	2.49	21.1	2.71	22.2	2.95	22.8	3.10	23.8	3.35
	-9.4	18.6	2.14	20.0	2.45	21.1	2.66	22.2	2.89	22.8	3.05	23.8	3.29
	-15.0	18.6	2.10	20.0	2.41	21.1	2.62	22.2	2.84	22.8	2.99	23.8	3.23
110	51.7	10.1	3.71	11.0	4.24	11.5	4.60	12.1	4.98	12.5	5.24	13.0	5.65
	50.0	11.3	3.89	12.2	4.45	12.8	4.84	13.5	5.25	13.9	5.53	14.5	5.96
	47.8	13.0	4.18	14.0	4.80	14.8	5.23	15.5	5.68	15.9	5.99	16.7	6.47
	46.1	14.5	4.44	15.6	5.12	16.4	5.48	17.3	6.08	17.8	6.41	18.6	6.94
	43.3	16.6	4.73	17.9	5.47	18.9	5.98	19.8	6.52	20.4	6.89	21.3	7.46
	41.1	17.3	4.59	18.7	5.30	19.6	5.80	20.6	6.32	21.2	6.67	22.2	7.23
	39.4	17.8	4.48	19.2	5.17	20.2	5.65	21.2	6.16	21.8	6.51	22.8	7.06
	37.2	18.4	4.33	19.8	5.01	20.9	5.47	21.9	5.96	22.5	6.30	23.6	6.83
	35.0	18.9	4.18	20.4	4.84	21.5	5.28	22.6	5.76	23.2	6.08	24.3	6.60
	33.9	18.9	4.04	20.4	4.66	21.5	5.09	22.6	5.55	23.2	5.86	24.3	6.35
	32.8	18.9	3.90	20.4	4.50	21.5	4.91	22.6	5.35	23.2	5.65	24.3	6.12
	30.6	18.9	3.64	20.4	4.20	21.5	4.58	22.6	4.99	23.2	5.26	24.3	5.70
	27.8	18.9	3.34	20.4	3.85	21.5	4.20	22.6	4.57	23.2	4.82	24.3	5.22
	23.9	18.9	2.97	20.4	3.42	21.5	3.73	22.6	4.05	23.2	4.27	24.3	4.62
	22.2	18.9	2.82	20.4	3.25	21.5	3.54	22.6	3.84	23.2	4.06	24.3	4.39
	21.1	18.9	2.73	20.4	3.14	21.5	3.42	22.6	3.72	23.2	3.92	24.3	4.24
	20.0	18.9	2.64	20.4	3.03	21.5	3.31	22.6	3.59	23.2	3.79	24.3	4.10
	18.3	18.9	2.57	20.4	2.96	21.5	3.22	22.6	3.50	23.2	3.69	24.3	3.99
	16.7	18.9	2.52	20.4	2.90	21.5	3.15	22.6	3.42	23.2	3.61	24.3	3.90
	14.4	18.9	2.45	20.4	2.82	21.5	3.07	22.6	3.33	23.2	3.52	24.3	3.80
	12.2	18.9	2.40	20.4	2.76	21.5	3.00	22.6	3.26	23.2	3.44	24.3	3.71
	10.0	18.9	2.35	20.4	2.69	21.5	2.93	22.6	3.18	23.2	3.36	24.3	3.63
	4.4	18.9	2.29	20.4	2.62	21.5	2.85	22.6	3.10	23.2	3.27	24.3	3.53
	-1.1	18.9	2.23	20.4	2.56	21.5	2.79	22.6	3.03	23.2	3.19	24.3	3.44
	-5.0	18.9	2.20	20.4	2.52	21.5	2.74	22.6	2.98	23.2	3.14	24.3	3.39
	-9.4	18.9	2.16	20.4	2.47	21.5	2.69	22.6	2.92	23.2	3.08	24.3	3.33
	-15.0	18.9	2.12	20.4	2.43	21.5	2.64	22.6	2.87	23.2	3.02	24.3	3.27
120	51.7	10.4	3.78	11.3	4.32	11.9	4.69	12.5	5.08	12.8	5.35	13.4	5.76
	50.0	11.6	3.97	12.6	4.54	13.2	4.93	13.9	5.35	14.3	5.64	14.9	6.08
	47.8	13.4	4.26	14.5	4.90	15.2	5.33	16.0	5.79	16.4	6.11	17.2	6.60
	46.1	14.9	4.53	16.1	5.22	16.9	5.59	17.8	6.19	18.3	6.54	19.1	7.08
	43.3	17.1	4.83	18.4	5.58	19.4	6.10	20.4	6.64	21.0	7.02	21.9	7.61
	41.1	17.8	4.68	19.2	5.41	20.2	5.91	21.2	6.44	21.8	6.80	22.8	7.38
	39.4	18.3	4.56	19.8	5.28	20.8	5.76	21.8	6.28	22.5	6.64	23.5	7.20
	37.2	18.9	4.41	20.4	5.10	21.5	5.58	22.6	6.08	23.2	6.42	24.3	6.96
	35.0	19.5	4.27	21.0	4.93	22.2	5.39	23.3	5.87	23.9	6.20	25.0	6.72
	33.9	19.5	4.12	21.0	4.75	22.2	5.19	23.3	5.66	23.9	5.98	25.0	6.48
	32.8	19.5	3.97	21.0	4.59	22.2	5.01	23.3	5.46	23.9	5.76	25.0	6.24
	30.6	19.5	3.71	21.0	4.28	22.2	4.67	23.3	5.08	23.9	5.37	25.0	5.81
	27.8	19.5	3.40	21.0	3.92	22.2	4.28	23.3	4.66	23.9	4.92	25.0	5.32
	23.9	19.5	3.03	21.0	3.49	22.2	3.80	23.3	4.13	23.9	4.36	25.0	4.71
	22.2	19.5	2.88	21.0	3.31	22.2	3.61	23.3	3.92	23.9	4.14	25.0	4.47
	21.1	19.5	2.78	21.0	3.20	22.2	3.49	23.3	3.79	23.9	4.00	25.0	4.32
	20.0	19.5	2.69	21.0	3.09	22.2	3.37	23.3	3.66	23.9	3.86	25.0	4.18
	18.3	19.5	2.62	21.0	3.02	22.2	3.28	23.3	3.57	23.9	3.76	25.0	4.07
	16.7	19.5	2.57	21.0	2.95	22.2	3.21	23.3	3.49	23.9	3.68	25.0	3.98
	14.4	19.5	2.50	21.0	2.87	22.2	3.13	23.3	3.40	23.9	3.58	25.0	3.87
	12.2	19.5	2.45	21.0	2.81	22.2	3.06	23.3	3.32	23.9	3.51	25.0	3.79
	10.0	19.5	2.39	21.0	2.75	22.2	2.99	23.3	3.25	23.9	3.42	25.0	3.70
	4.4	19.5	2.33	21.0	2.67	22.2	2.91	23.3	3.16	23.9	3.33	25.0	3.60
	-1.1	19.5	2.28	21.0	2.61	22.2	2.84	23.3	3.08	23.9	3.25	25.0	3.51
	-5.0	19.5	2.24	21.0	2.57	22.2	2.80	23.3	3.03	23.9	3.20	25.0	3.45
	-9.4	19.5	2.20	21.0	2.52	22.2	2.74	23.3	2.98	23.9	3.14	25.0	3.39
	-15.0	19.5	2.16	21.0	2.48	22.2	2.70	23.3	2.93	23.9	3.08	25.0	3.33
130	51.7	10.7	3.84	11.6	4.38	12.2	4.76	12.8	5.15	13.1	5.42	13.6	5.79
	50.0	11.9	4.02	12.9	4.60	13.5	5.00	14.2	5.43	14.6	5.72	15.1	6.11
	47.8	13.7	4.32	14.8	4.96	15.6	5.41	16.4	5.87	16.8	6.19	17.4	6.63
	46.1	15.2	4.60	16.5	5.30	17.3	5.67	18.2	6.28	18.7	6.63	19.4	7.11
	43.3	17.5	4.90	18.9	5.66	19.9	6.18	20.9	6.74	21.5	7.12	22.2	7.65
	41.1	18.2	4.75	19.7	5.49	20.7	5.99	21.7	6.53	22.3	6.90	23.2	7.41
	39.4	18.7	4.63	20.2	5.35	21.3	5.85	22.4	6.37	23.0	6.73	23.8	7.23
	37.2	19.4	4.48	20.9	5.18	22.0	5.66	23.1	6.16	23.8	6.51	24.6	6.99
	35.0	19.9	4.33	21.6	5.00	22.7	5.46	23.8	5.95	24.5	6.29	25.4	6.76
	33.9	19.9	4.17	21.6	4.82	22.7	5.27	23.8	5.74	24.5	6.06	25.4	6.51
	32.8	19.9	4.03	21.6	4.65	22.7	5.08	23.8	5.53	24.5	5.85	25.4	6.27
	30.6	19.9	3.76	21.6	4.34	22.7	4.74	23.8	5.16	24.5	5.44	25.4	5.84
	27.8	19.9	3.45	21.6	3.98	22.7	4.34	23.8	4.72	24.5	4.99	25.4	5.35
	23.9	19.9	3.07	21.6	3.53	22.7	3.85	23.8	4.19	24.5	4.42	25.4	4.74
	22.2	19.9	2.92	21.6	3.36	22.7	3.66	23.8	3.98	24.5	4.20	25.4	4.49
	21.1	19.9	2.82	21.6	3.25	22.7	3.54	23.8	3.84	24.5	4.05	25.4	4.34
	20.0	19.9	2.73	21.6	3.14	22.7	3.42	23.8	3.71	24.5	3.92	25.4	4.20
	18.3	19.9	2.66	21.6	3.06	22.7	3.33	23.8	3.62	24.5	3.82	25.4	4.09
	16.7	19.9	2.61	21.6	2.99	22.7	3.26	23.8	3.54	24.5	3.74	25.4	4.00
	14.4	19.9	2.54	21.6	2.92	22.7	3.17	23.8	3.45	24.5	3.64	25.4	3.89
	12.2	19.9	2.48	21.6	2.85	22.7	3.10	23.8	3.37	24.5	3.56	25.4	3.81
	10.0	19.9	2.43	21.6	2.79	22.7	3.03	23.8	3.29	24.5	3.47	25.4	3.72
	4.4	19.9	2.36	21.6	2.71	22.7	2.95	23.8	3.20	24.5	3.38	25.4	3.61
	-1.1	19.9	2.31	21.6	2.65	22.7	2.88	23.8	3.13	24.5	3.30	25.4	3.53
	-5.0	19.9	2.27	21.6	2.61	22.7	2.84	23.8	3.08	24.5	3.24	25.4	3.47
	-9.4	19.9	2.23	21.6	2.56	22.7	2.78	23.8	3.02	24.5	3.18	25.4	3.41
	-15.0	19.9	2.19	21.6	2.51	22.7	2.73	23.8	2.97	24.5	3.13	25.4	3.35

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	8.9	3.18	9.7	3.63	10.2	3.94	10.7	4.26	11.0	4.49	11.5	4.83
	50.0	10.0	3.33	10.8	3.81	11.3	4.14	11.9	4.49	12.2	4.73	12.8	5.10
	47.8	11.5	3.57	12.4	4.11	13.0	4.47	13.7	4.86	14.1	5.12	14.7	5.54
	46.1	12.8	3.80	13.8	4.38	14.5	4.69	15.2	5.20	15.7	5.49	16.4	5.94
	43.3	14.6	4.05	15.8	4.68	16.6	5.12	17.5	5.57	18.0	5.89	18.8	6.38
	41.1	15.2	3.93	16.5	4.54	17.3	4.96	18.2	5.40	18.7	5.71	19.6	6.19
	39.4	15.7	3.83	16.9	4.43	17.8	4.84	18.7	5.27	19.2	5.57	20.1	6.04
	37.2	16.2	3.70	17.5	4.28	18.4	4.68	19.4	5.10	19.9	5.39	20.8	5.84
	35.0	16.7	3.58	18.0	4.14	19.0	4.52	19.9	4.93	20.5	5.21	21.4	5.64
	33.9	16.7	3.45	18.0	3.99	19.0	4.36	19.9	4.75	20.5	5.02	21.4	5.44
	32.8	16.7	3.33	18.0	3.85	19.0	4.20	19.9	4.58	20.5	4.84	21.4	5.24
	30.6	16.7	3.11	18.0	3.59	19.0	3.92	19.9	4.27	20.5	4.50	21.4	4.88
	27.8	16.7	2.86	18.0	3.29	19.0	3.59	19.9	3.91	20.5	4.12	21.4	4.46
	23.9	16.7	2.54	18.0	2.92	19.0	3.19	19.9	3.47	20.5	3.66	21.4	3.96
	22.2	16.7	2.41	18.0	2.78	19.0	3.03	19.9	3.29	20.5	3.47	21.4	3.75
	21.1	16.7	2.33	18.0	2.69	19.0	2.93	19.9	3.18	20.5	3.35	21.4	3.63
	20.0	16.7	2.26	18.0	2.60	19.0	2.83	19.9	3.07	20.5	3.24	21.4	3.51
	18.3	16.7	2.20	18.0	2.53	19.0	2.76	19.9	2.99	20.5	3.16	21.4	3.41
	16.7	16.7	2.16	18.0	2.48	19.0	2.70	19.9	2.93	20.5	3.09	21.4	3.34
	14.4	16.7	2.10	18.0	2.41	19.0	2.63	19.9	2.85	20.5	3.01	21.4	3.25
	12.2	16.7	2.06	18.0	2.36	19.0	2.57	19.9	2.79	20.5	2.94	21.4	3.18
	10.0	16.7	2.01	18.0	2.31	19.0	2.51	19.9	2.72	20.5	2.87	21.4	3.10
	4.4	16.7	1.96	18.0	2.24	19.0	2.44	19.9	2.65	20.5	2.79	21.4	3.02
	-1.1	16.7	1.91	18.0	2.19	19.0	2.38	19.9	2.59	20.5	2.73	21.4	2.95
	-5.0	16.7	1.88	18.0	2.16	19.0	2.35	19.9	2.55	20.5	2.68	21.4	2.90
	-9.4	16.7	1.85	18.0	2.12	19.0	2.30	19.9	2.50	20.5	2.64	21.4	2.85
	-15.0	16.7	1.81	18.0	2.08	19.0	2.26	19.9	2.46	20.5	2.59	21.4	2.79
80	51.7	8.0	2.71	8.6	3.10	9.0	3.36	9.5	3.64	9.8	3.84	10.2	4.13
	50.0	8.9	2.85	9.6	3.26	10.1	3.54	10.6	3.84	10.9	4.04	11.4	4.36
	47.8	10.2	3.06	11.0	3.51	11.6	3.82	12.2	4.15	12.5	4.38	13.1	4.73
	46.1	11.3	3.25	12.3	3.75	12.9	4.01	13.5	4.44	13.9	4.69	14.6	5.08
	43.3	13.0	3.46	14.1	4.00	14.8	4.37	15.5	4.77	16.0	5.04	16.7	5.46
	41.1	13.5	3.36	14.6	3.88	15.4	4.24	16.2	4.62	16.6	4.88	17.4	5.29
	39.4	13.9	3.27	15.1	3.79	15.9	4.14	16.6	4.51	17.1	4.76	17.9	5.16
	37.2	14.4	3.17	15.6	3.66	16.4	4.00	17.2	4.36	17.7	4.61	18.5	4.99
	35.0	14.8	3.06	16.0	3.54	16.9	3.86	17.7	4.21	18.2	4.45	19.1	4.82
	33.9	14.8	2.95	16.0	3.41	16.9	3.73	17.7	4.06	18.2	4.29	19.1	4.65
	32.8	14.8	2.85	16.0	3.29	16.9	3.59	17.7	3.91	18.2	4.14	19.1	4.48
	30.6	14.8	2.66	16.0	3.07	16.9	3.35	17.7	3.65	18.2	3.85	19.1	4.17
	27.8	14.8	2.44	16.0	2.82	16.9	3.07	17.7	3.34	18.2	3.53	19.1	3.82
	23.9	14.8	2.17	16.0	2.50	16.9	2.73	17.7	2.96	18.2	3.13	19.1	3.38
	22.2	14.8	2.06	16.0	2.37	16.9	2.59	17.7	2.81	18.2	2.97	19.1	3.21
	21.1	14.8	2.00	16.0	2.30	16.9	2.50	17.7	2.72	18.2	2.87	19.1	3.10
	20.0	14.8	1.93	16.0	2.22	16.9	2.42	17.7	2.63	18.2	2.77	19.1	3.00
	18.3	14.8	1.88	16.0	2.16	16.9	2.36	17.7	2.56	18.2	2.70	19.1	2.92
	16.7	14.8	1.84	16.0	2.12	16.9	2.31	17.7	2.51	18.2	2.64	19.1	2.86
	14.4	14.8	1.80	16.0	2.06	16.9	2.25	17.7	2.44	18.2	2.57	19.1	2.78
	12.2	14.8	1.76	16.0	2.02	16.9	2.20	17.7	2.38	18.2	2.51	19.1	2.72
	10.0	14.8	1.72	16.0	1.97	16.9	2.15	17.7	2.33	18.2	2.46	19.1	2.65
	4.4	14.8	1.67	16.0	1.92	16.9	2.09	17.7	2.27	18.2	2.39	19.1	2.58
	-1.1	14.8	1.63	16.0	1.87	16.9	2.04	17.7	2.21	18.2	2.33	19.1	2.52
	-5.0	14.8	1.61	16.0	1.84	16.9	2.01	17.7	2.18	18.2	2.29	19.1	2.48
	-9.4	14.8	1.58	16.0	1.81	16.9	1.97	17.7	2.14	18.2	2.25	19.1	2.43
	-15.0	14.8	1.55	16.0	1.78	16.9	1.93	17.7	2.10	18.2	2.21	19.1	2.39
70	51.7	7.0	2.29	7.5	2.61	7.9	2.84	8.3	3.07	8.5	3.23	8.9	3.48
	50.0	7.8	2.40	8.4	2.75	8.8	2.98	9.3	3.24	9.5	3.41	10.0	3.68
	47.8	8.9	2.58	9.6	2.96	10.1	3.22	10.6	3.50	10.9	3.69	11.5	3.99
	46.1	9.9	2.74	10.7	3.16	11.3	3.38	11.9	3.75	12.2	3.95	12.7	4.28
	43.3	11.4	2.92	12.3	3.37	12.9	3.69	13.6	4.02	14.0	4.24	14.6	4.60
	41.1	11.9	2.83	12.8	3.27	13.5	3.57	14.2	3.89	14.5	4.11	15.2	4.46
	39.4	12.2	2.76	13.2	3.19	13.9	3.49	14.6	3.80	15.0	4.01	15.7	4.35
	37.2	12.6	2.67	13.6	3.09	14.3	3.37	15.1	3.67	15.5	3.88	16.2	4.21
	35.0	13.0	2.58	14.0	2.98	14.8	3.26	15.5	3.55	15.9	3.75	16.7	4.07
	33.9	13.0	2.49	14.0	2.88	14.8	3.14	15.5	3.42	15.9	3.61	16.7	3.92
	32.8	13.0	2.40	14.0	2.77	14.8	3.03	15.5	3.30	15.9	3.49	16.7	3.78
	30.6	13.0	2.24	14.0	2.59	14.8	2.82	15.5	3.07	15.9	3.25	16.7	3.52
	27.8	13.0	2.06	14.0	2.37	14.8	2.59	15.5	2.82	15.9	2.97	16.7	3.22
	23.9	13.0	1.83	14.0	2.11	14.8	2.30	15.5	2.50	15.9	2.64	16.7	2.85
	22.2	13.0	1.74	14.0	2.00	14.8	2.18	15.5	2.37	15.9	2.50	16.7	2.71
	21.1	13.0	1.68	14.0	1.94	14.8	2.11	15.5	2.29	15.9	2.42	16.7	2.61
	20.0	13.0	1.63	14.0	1.87	14.8	2.04	15.5	2.21	15.9	2.34	16.7	2.53
	18.3	13.0	1.59	14.0	1.82	14.8	1.99	15.5	2.16	15.9	2.28	16.7	2.46
	16.7	13.0	1.55	14.0	1.78	14.8	1.94	15.5	2.11	15.9	2.23	16.7	2.41
	14.4	13.0	1.51	14.0	1.74	14.8	1.89	15.5	2.06	15.9	2.17	16.7	2.34
	12.2	13.0	1.48	14.0	1.70	14.8	1.85	15.5	2.01	15.9	2.12	16.7	2.29
	10.0	13.0	1.45	14.0	1.66	14.8	1.81	15.5	1.96	15.9	2.07	16.7	2.24
	4.4	13.0	1.41	14.0	1.62	14.8	1.76	15.5	1.91	15.9	2.01	16.7	2.17
	-1.1	13.0	1.38	14.0	1.58	14.8	1.72	15.5	1.87	15.9	1.97	16.7	2.12
	-5.0	13.0	1.35	14.0	1.55	14.8	1.69	15.5	1.83	15.9	1.93	16.7	2.09
	-9.4	13.0	1.33	14.0	1.53	14.8	1.66	15.5	1.80	15.9	1.90	16.7	2.05
	-15.0	13.0	1.31	14.0	1.50	14.8	1.63	15.5	1.77	15.9	1.86	16.7	2.01

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,

MMY-MUP096H1FT6PUL/MMY-MUP096H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	13.3	5.14	14.3	5.86	15.1	6.34	15.8	6.85	16.3	7.19	17.0	7.73
	50.0	14.8	5.38	16.0	6.14	16.8	6.65	17.6	7.19	18.1	7.56	19.0	8.13
	47.8	17.0	5.76	18.4	6.59	19.3	7.15	20.3	7.74	20.8	8.14	21.8	8.77
	46.1	18.9	6.11	20.4	7.00	21.5	7.50	22.6	8.24	23.2	8.68	24.3	9.36
	43.3	21.7	6.47	23.4	7.44	24.7	8.09	25.9	8.78	26.6	9.26	27.8	9.99
	41.1	22.6	6.28	24.4	7.21	25.7	7.84	27.0	8.51	27.7	8.97	29.0	9.68
	39.4	23.2	6.12	25.1	7.03	26.4	7.65	27.7	8.30	28.5	8.75	29.8	9.45
	37.2	24.0	5.92	25.9	6.80	27.3	7.40	28.7	8.03	29.5	8.47	30.8	9.14
	35.0	24.7	5.72	26.7	6.57	28.1	7.15	29.5	7.76	30.4	8.18	31.8	8.83
	33.9	24.7	5.52	26.7	6.34	28.1	6.90	29.5	7.49	30.4	7.89	31.8	8.51
	32.8	24.7	5.34	26.7	6.13	28.1	6.66	29.5	7.23	30.4	7.62	31.8	8.22
	30.6	24.7	4.99	26.7	5.72	28.1	6.22	29.5	6.75	30.4	7.11	31.8	7.67
	27.8	24.7	4.59	26.7	5.26	28.1	5.71	29.5	6.19	30.4	6.52	31.8	7.03
	23.9	24.7	4.09	26.7	4.68	28.1	5.08	29.5	5.50	30.4	5.80	31.8	6.25
	22.2	24.7	3.88	26.7	4.45	28.1	4.83	29.5	5.23	30.4	5.50	31.8	5.93
	21.1	24.7	3.76	26.7	4.30	28.1	4.67	29.5	5.06	30.4	5.32	31.8	5.74
	20.0	24.7	3.64	26.7	4.16	28.1	4.52	29.5	4.89	30.4	5.15	31.8	5.54
	18.3	24.7	3.55	26.7	4.06	28.1	4.40	29.5	4.77	30.4	5.02	31.8	5.40
	16.7	24.7	3.47	26.7	3.97	28.1	4.31	29.5	4.67	30.4	4.91	31.8	5.29
	14.4	24.7	3.39	26.7	3.87	28.1	4.20	29.5	4.55	30.4	4.78	31.8	5.15
	12.2	24.7	3.31	26.7	3.79	28.1	4.11	29.5	4.45	30.4	4.68	31.8	5.04
	10.0	24.7	3.24	26.7	3.70	28.1	4.02	29.5	4.35	30.4	4.57	31.8	4.92
	4.4	24.7	3.16	26.7	3.60	28.1	3.91	29.5	4.23	30.4	4.45	31.8	4.79
	-1.1	24.7	3.08	26.7	3.52	28.1	3.82	29.5	4.13	30.4	4.35	31.8	4.68
	-5.0	24.7	3.03	26.7	3.47	28.1	3.76	29.5	4.07	30.4	4.28	31.8	4.60
	-9.4	24.7	2.98	26.7	3.40	28.1	3.69	29.5	3.99	30.4	4.20	31.8	4.52
	-15.0	24.7	2.93	26.7	3.34	28.1	3.62	29.5	3.92	30.4	4.13	31.8	4.44
110	51.7	13.5	5.20	14.6	5.91	15.4	6.40	16.2	6.92	16.6	7.27	17.4	7.81
	50.0	15.1	5.44	16.3	6.20	17.1	6.72	18.0	7.26	18.5	7.64	19.3	8.21
	47.8	17.3	5.82	18.7	6.65	19.7	7.22	20.7	7.82	21.3	8.23	22.3	8.86
	46.1	19.3	6.17	20.8	7.07	21.9	7.58	23.0	8.32	23.7	8.77	24.8	9.45
	43.3	22.1	6.54	23.9	7.51	25.2	8.17	26.4	8.87	27.1	9.35	28.4	10.09
	41.1	23.0	6.34	24.9	7.28	26.2	7.92	27.5	8.60	28.3	9.06	29.6	9.78
	39.4	23.7	6.18	25.6	7.10	26.9	7.73	28.3	8.39	29.1	8.84	30.4	9.54
	37.2	24.5	5.98	26.5	6.87	27.9	7.48	29.2	8.11	30.1	8.55	31.5	9.23
	35.0	25.2	5.78	27.3	6.64	28.7	7.22	30.1	7.84	31.0	8.26	32.4	8.92
	33.9	25.2	5.58	27.3	6.41	28.7	6.97	30.1	7.56	31.0	7.97	32.4	8.60
	32.8	25.2	5.39	27.3	6.19	28.7	6.73	30.1	7.30	31.0	7.69	32.4	8.30
	30.6	25.2	5.04	27.3	5.78	28.7	6.28	30.1	6.82	31.0	7.18	32.4	7.74
	27.8	25.2	4.63	27.3	5.31	28.7	5.77	30.1	6.26	31.0	6.59	32.4	7.10
	23.9	25.2	4.13	27.3	4.73	28.7	5.13	30.1	5.56	31.0	5.85	32.4	6.31
	22.2	25.2	3.92	27.3	4.49	28.7	4.88	30.1	5.28	31.0	5.56	32.4	5.99
	21.1	25.2	3.80	27.3	4.34	28.7	4.72	30.1	5.11	31.0	5.38	32.4	5.79
	20.0	25.2	3.67	27.3	4.20	28.7	4.56	30.1	4.94	31.0	5.20	32.4	5.60
	18.3	25.2	3.58	27.3	4.10	28.7	4.45	30.1	4.82	31.0	5.07	32.4	5.46
	16.7	25.2	3.51	27.3	4.01	28.7	4.35	30.1	4.71	31.0	4.96	32.4	5.34
	14.4	25.2	3.42	27.3	3.91	28.7	4.24	30.1	4.59	31.0	4.83	32.4	5.20
	12.2	25.2	3.35	27.3	3.83	28.7	4.15	30.1	4.49	31.0	4.73	32.4	5.09
	10.0	25.2	3.27	27.3	3.74	28.7	4.06	30.1	4.39	31.0	4.62	32.4	4.97
	4.4	25.2	3.19	27.3	3.64	28.7	3.95	30.1	4.27	31.0	4.50	32.4	4.84
	-1.1	25.2	3.12	27.3	3.56	28.7	3.86	30.1	4.18	31.0	4.39	32.4	4.73
	-5.0	25.2	3.07	27.3	3.50	28.7	3.80	30.1	4.11	31.0	4.32	32.4	4.65
	-9.4	25.2	3.01	27.3	3.44	28.7	3.73	30.1	4.03	31.0	4.24	32.4	4.57
	-15.0	25.2	2.96	27.3	3.38	28.7	3.66	30.1	3.96	31.0	4.17	32.4	4.49
120	51.7	13.9	5.30	15.0	6.03	15.8	6.53	16.6	7.05	17.1	7.41	17.9	7.96
	50.0	15.5	5.54	16.8	6.32	17.6	6.85	18.5	7.41	19.0	7.79	19.9	8.38
	47.8	17.8	5.93	19.3	6.78	20.3	7.36	21.3	7.97	21.9	8.39	22.9	9.04
	46.1	19.8	6.29	21.4	7.21	22.6	7.73	23.7	8.49	24.4	8.94	25.5	9.64
	43.3	22.8	6.67	24.6	7.66	25.9	8.33	27.2	9.05	27.9	9.53	29.2	10.29
	41.1	23.7	6.46	25.6	7.42	27.0	8.08	28.3	8.77	29.1	9.24	30.4	9.98
	39.4	24.4	6.31	26.4	7.24	27.7	7.88	29.1	8.55	29.9	9.01	31.3	9.73
	37.2	25.2	6.10	27.2	7.01	28.7	7.62	30.1	8.27	30.9	8.72	32.4	9.41
	35.0	26.0	5.89	28.1	6.77	29.5	7.36	31.0	7.99	31.9	8.42	33.4	9.09
	33.9	26.0	5.69	28.1	6.53	29.5	7.11	31.0	7.71	31.9	8.13	33.4	8.77
	32.8	26.0	5.50	28.1	6.31	29.5	6.86	31.0	7.44	31.9	7.84	33.4	8.46
	30.6	26.0	5.14	28.1	5.89	29.5	6.41	31.0	6.95	31.9	7.32	33.4	7.90
	27.8	26.0	4.73	28.1	5.41	29.5	5.88	31.0	6.38	31.9	6.72	33.4	7.24
	23.9	26.0	4.21	28.1	4.82	29.5	5.23	31.0	5.67	31.9	5.97	33.4	6.43
	22.2	26.0	4.00	28.1	4.58	29.5	4.97	31.0	5.39	31.9	5.67	33.4	6.11
	21.1	26.0	3.87	28.1	4.43	29.5	4.81	31.0	5.21	31.9	5.48	33.4	5.91
	20.0	26.0	3.74	28.1	4.28	29.5	4.65	31.0	5.04	31.9	5.30	33.4	5.71
	18.3	26.0	3.65	28.1	4.18	29.5	4.54	31.0	4.91	31.9	5.17	33.4	5.57
	16.7	26.0	3.58	28.1	4.09	29.5	4.44	31.0	4.81	31.9	5.06	33.4	5.45
	14.4	26.0	3.49	28.1	3.99	29.5	4.33	31.0	4.68	31.9	4.93	33.4	5.31
	12.2	26.0	3.41	28.1	3.90	29.5	4.23	31.0	4.58	31.9	4.82	33.4	5.19
	10.0	26.0	3.34	28.1	3.81	29.5	4.14	31.0	4.48	31.9	4.71	33.4	5.07
	4.4	26.0	3.25	28.1	3.71	29.5	4.03	31.0	4.36	31.9	4.58	33.4	4.94
	-1.1	26.0	3.18	28.1	3.63	29.5	3.93	31.0	4.26	31.9	4.48	33.4	4.82
	-5.0	26.0	3.13	28.1	3.57	29.5	3.87	31.0	4.19	31.9	4.41	33.4	4.74
	-9.4	26.0	3.07	28.1	3.51	29.5	3.80	31.0	4.11	31.9	4.33	33.4	4.66
	-15.0	26.0	3.02	28.1	3.44	29.5	3.73	31.0	4.04	31.9	4.25	33.4	4.57
130	51.7	14.3	5.37	15.4	6.12	16.2	6.62	17.0	7.15	17.5	7.52	18.1	8.00
	50.0	15.9	5.62	17.2	6.41	18.1	6.95	19.0	7.51	19.5	7.90	20.2	8.42
	47.8	18.3	6.02	19.7	6.88	20.8	7.47	21.8	8.09	22.4	8.51	23.2	9.08
	46.1	20.3	6.38	22.0	7.31	23.1	7.84	24.3	8.61	24.9	9.06	25.9	9.68
	43.3	23.3	6.76	25.2	7.77	26.5	8.45	27.8	9.17	28.6	9.67	29.7	10.34
	41.1	24.3	6.56	26.2	7.53	27.6	8.19	29.0	8.89	29.8	9.37	30.9	10.02
	39.4	25.0	6.40	27.0	7.35	28.4	7.99	29.8	8.67	30.6	9.14	31.8	9.78
	37.2	25.8	6.19	27.9	7.11	29.4	7.73	30.8	8.39	31.7	8.84	32.8	9.46
	35.0	26.6	5.98	28.7	6.86	30.2	7.47	31.8	8.11	32.6	8.54	33.8	9.14
	33.9	26.6	5.77	28.7	6.63	30.2	7.21	31.8	7.82	32.6	8.24	33.8	8.81
	32.8	26.6	5.58	28.7	6.40	30.2	6.96	31.8	7.55	32.6	7.96	33.8	8.50
	30.6	26.6	5.21	28.7	5.98	30.2	6.50	31.8	7.05	32.6	7.42	33.8	7.93
	27.8	26.6	4.79	28.7	5.49	30.2	5.97	31.8	6.47	32.6	6.81	33.8	7.28
	23.9	26.6	4.27	28.7	4.89	30.2	5.31	31.8	5.75	32.6	6.05	33.8	6.46
	22.2	26.6	4.06	28.7	4.64	30.2	5.04	31.8	5.46	32.6	5.75	33.8	6.14
	21.1	26.6	3.93	28.7	4.49	30.2	4.88	31.8	5.28	32.6	5.56	33.8	5.94
	20.0	26.6	3.80	28.7	4.34	30.2	4.72	31.8	5.11	32.6	5.38	33.8	5.74
	18.3	26.6	3.71	28.7	4.24	30.2	4.60	31.8	4.98	32.6	5.24	33.8	5.59
	16.7	26.6	3.63	28.7	4.15	30.2	4.50	31.8	4.88	32.6	5.13	33.8	5.47
	14.4	26.6	3.54	28.7	4.04	30.2	4.39	31.8	4.75	32.6	5.00	33.8	5.33
	12.2	26.6	3.46	28.7	3.96	30.2	4.29	31.8	4.65	32.6	4.89	33.8	5.22
	10.0	26.6	3.38	28.7	3.87	30.2	4.19	31.8	4.54	32.6	4.78	33.8	5.10
	4.4	26.6	3.30	28.7	3.77	30.2	4.08	31.8	4.42	32.6	4.65	33.8	4.96
	-1.1	26.6	3.22	28.7	3.68	30.2	3.99	31.8	4.32	32.6	4.54	33.8	4.84
	-5.0	26.6	3.17	28.7	3.62	30.2	3.93	31.8	4.25	32.6	4.47	33.8	4.76
	-9.4	26.6	3.11	28.7	3.55	30.2	3.86	31.8	4.17	32.6	4.39	33.8	4.68
	-15.0	26.6	3.06	28.7	3.49	30.2	3.79	31.8	4.10	32.6	4.31	33.8	4.60

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	11.9	4.45	12.9	5.06	13.6	5.48	14.3	5.92	14.6	6.22	15.3	6.68
	50.0	13.3	4.65	14.4	5.30	15.1	5.75	15.9	6.21	16.3	6.53	17.1	7.03
	47.8	15.3	4.98	16.5	5.69	17.4	6.18	18.3	6.69	18.8	7.04	19.6	7.58
	46.1	17.0	5.28	18.4	6.05	19.4	6.48	20.3	7.12	20.9	7.50	21.9	8.09
	43.3	19.5	5.60	21.1	6.43	22.2	6.99	23.3	7.59	24.0	8.00	25.1	8.64
	41.1	20.3	5.42	22.0	6.23	23.1	6.78	24.3	7.36	24.9	7.75	26.1	8.37
	39.4	20.9	5.29	22.6	6.08	23.8	6.61	25.0	7.18	25.7	7.56	26.8	8.17
	37.2	21.6	5.12	23.3	5.88	24.6	6.40	25.8	6.94	26.5	7.32	27.8	7.90
	35.0	22.3	4.94	24.1	5.68	25.3	6.18	26.6	6.71	27.3	7.07	28.6	7.63
	33.9	22.3	4.77	24.1	5.48	25.3	5.96	26.6	6.47	27.3	6.82	28.6	7.36
	32.8	22.3	4.61	24.1	5.29	25.3	5.76	26.6	6.25	27.3	6.58	28.6	7.10
	30.6	22.3	4.31	24.1	4.95	25.3	5.38	26.6	5.83	27.3	6.14	28.6	6.62
	27.8	22.3	3.96	24.1	4.54	25.3	4.94	26.6	5.35	27.3	5.64	28.6	6.08
	23.9	22.3	3.53	24.1	4.04	25.3	4.39	26.6	4.76	27.3	5.01	28.6	5.40
	22.2	22.3	3.36	24.1	3.84	25.3	4.17	26.6	4.52	27.3	4.76	28.6	5.13
	21.1	22.3	3.25	24.1	3.72	25.3	4.04	26.6	4.37	27.3	4.60	28.6	4.96
	20.0	22.3	3.14	24.1	3.59	25.3	3.90	26.6	4.23	27.3	4.45	28.6	4.79
	18.3	22.3	3.07	24.1	3.51	25.3	3.81	26.6	4.12	27.3	4.34	28.6	4.67
	16.7	22.3	3.00	24.1	3.43	25.3	3.73	26.6	4.03	27.3	4.24	28.6	4.57
	14.4	22.3	2.93	24.1	3.34	25.3	3.63	26.6	3.93	27.3	4.13	28.6	4.45
	12.2	22.3	2.86	24.1	3.27	25.3	3.55	26.6	3.84	27.3	4.04	28.6	4.36
	10.0	22.3	2.80	24.1	3.20	25.3	3.47	26.6	3.76	27.3	3.95	28.6	4.26
	4.4	22.3	2.73	24.1	3.12	25.3	3.38	26.6	3.66	27.3	3.85	28.6	4.14
	-1.1	22.3	2.67	24.1	3.04	25.3	3.30	26.6	3.57	27.3	3.76	28.6	4.05
	-5.0	22.3	2.62	24.1	2.99	25.3	3.25	26.6	3.51	27.3	3.70	28.6	3.98
	-9.4	22.3	2.58	24.1	2.94	25.3	3.19	26.6	3.45	27.3	3.63	28.6	3.91
	-15.0	22.3	2.53	24.1	2.89	25.3	3.13	26.6	3.39	27.3	3.57	28.6	3.84
80	51.7	10.6	3.80	11.5	4.33	12.1	4.68	12.7	5.06	13.0	5.32	13.6	5.71
	50.0	11.8	3.98	12.8	4.53	13.4	4.91	14.1	5.31	14.5	5.59	15.2	6.01
	47.8	13.6	4.26	14.7	4.87	15.5	5.28	16.2	5.72	16.7	6.02	17.5	6.48
	46.1	15.1	4.51	16.3	5.17	17.2	5.54	18.1	6.09	18.6	6.41	19.4	6.91
	43.3	17.3	4.78	18.7	5.50	19.7	5.98	20.7	6.49	21.3	6.84	22.3	7.38
	41.1	18.1	4.64	19.5	5.33	20.5	5.80	21.6	6.29	22.2	6.63	23.2	7.16
	39.4	18.6	4.52	20.1	5.20	21.1	5.65	22.2	6.14	22.8	6.47	23.9	6.98
	37.2	19.2	4.38	20.8	5.03	21.8	5.47	22.9	5.94	23.6	6.26	24.7	6.75
	35.0	19.8	4.23	21.4	4.86	22.5	5.28	23.6	5.73	24.3	6.04	25.4	6.52
	33.9	19.8	4.08	21.4	4.69	22.5	5.10	23.6	5.53	24.3	5.83	25.4	6.29
	32.8	19.8	3.94	21.4	4.53	22.5	4.92	23.6	5.34	24.3	5.63	25.4	6.07
	30.6	19.8	3.69	21.4	4.23	22.5	4.60	23.6	4.99	24.3	5.25	25.4	5.66
	27.8	19.8	3.39	21.4	3.88	22.5	4.22	23.6	4.58	24.3	4.82	25.4	5.20
	23.9	19.8	3.02	21.4	3.46	22.5	3.75	23.6	4.07	24.3	4.28	25.4	4.62
	22.2	19.8	2.87	21.4	3.29	22.5	3.57	23.6	3.86	24.3	4.07	25.4	4.38
	21.1	19.8	2.78	21.4	3.18	22.5	3.45	23.6	3.74	24.3	3.93	25.4	4.24
	20.0	19.8	2.69	21.4	3.07	22.5	3.34	23.6	3.61	24.3	3.80	25.4	4.10
	18.3	19.8	2.62	21.4	3.00	22.5	3.25	23.6	3.52	24.3	3.71	25.4	3.99
	16.7	19.8	2.57	21.4	2.93	22.5	3.19	23.6	3.45	24.3	3.63	25.4	3.91
	14.4	19.8	2.50	21.4	2.86	22.5	3.10	23.6	3.36	24.3	3.53	25.4	3.81
	12.2	19.8	2.45	21.4	2.80	22.5	3.04	23.6	3.29	24.3	3.46	25.4	3.72
	10.0	19.8	2.39	21.4	2.73	22.5	2.97	23.6	3.21	24.3	3.38	25.4	3.64
	4.4	19.8	2.33	21.4	2.66	22.5	2.89	23.6	3.13	24.3	3.29	25.4	3.54
	-1.1	19.8	2.28	21.4	2.60	22.5	2.82	23.6	3.05	24.3	3.21	25.4	3.46
	-5.0	19.8	2.24	21.4	2.56	22.5	2.78	23.6	3.01	24.3	3.16	25.4	3.40
	-9.4	19.8	2.20	21.4	2.51	22.5	2.73	23.6	2.95	24.3	3.10	25.4	3.34
	-15.0	19.8	2.16	21.4	2.47	22.5	2.68	23.6	2.90	24.3	3.05	25.4	3.28
70	51.7	9.3	3.20	10.0	3.65	10.6	3.95	11.1	4.27	11.4	4.48	11.9	4.82
	50.0	10.3	3.35	11.2	3.82	11.8	4.14	12.3	4.48	12.7	4.71	13.3	5.06
	47.8	11.9	3.59	12.8	4.10	13.5	4.45	14.2	4.82	14.6	5.07	15.3	5.46
	46.1	13.2	3.80	14.3	4.36	15.1	4.67	15.8	5.13	16.2	5.40	17.0	5.83
	43.3	15.2	4.03	16.4	4.63	17.3	5.04	18.1	5.47	18.6	5.76	19.5	6.22
	41.1	15.8	3.91	17.1	4.49	18.0	4.89	18.9	5.30	19.4	5.59	20.3	6.03
	39.4	16.3	3.81	17.6	4.38	18.5	4.77	19.4	5.17	20.0	5.45	20.9	5.88
	37.2	16.8	3.69	18.2	4.24	19.1	4.61	20.1	5.00	20.6	5.27	21.6	5.69
	35.0	17.3	3.56	18.7	4.09	19.7	4.45	20.7	4.83	21.3	5.09	22.2	5.50
	33.9	17.3	3.44	18.7	3.95	19.7	4.30	20.7	4.66	21.3	4.91	22.2	5.30
	32.8	17.3	3.32	18.7	3.82	19.7	4.15	20.7	4.50	21.3	4.74	22.2	5.12
	30.6	17.3	3.11	18.7	3.56	19.7	3.87	20.7	4.20	21.3	4.43	22.2	4.77
	27.8	17.3	2.86	18.7	3.27	19.7	3.56	20.7	3.86	21.3	4.06	22.2	4.38
	23.9	17.3	2.55	18.7	2.91	19.7	3.16	20.7	3.43	21.3	3.61	22.2	3.89
	22.2	17.3	2.42	18.7	2.77	19.7	3.01	20.7	3.26	21.3	3.43	22.2	3.69
	21.1	17.3	2.34	18.7	2.68	19.7	2.91	20.7	3.15	21.3	3.32	22.2	3.57
	20.0	17.3	2.26	18.7	2.59	19.7	2.81	20.7	3.05	21.3	3.21	22.2	3.45
	18.3	17.3	2.21	18.7	2.53	19.7	2.74	20.7	2.97	21.3	3.13	22.2	3.37
	16.7	17.3	2.16	18.7	2.47	19.7	2.68	20.7	2.91	21.3	3.06	22.2	3.29
	14.4	17.3	2.11	18.7	2.41	19.7	2.62	20.7	2.83	21.3	2.98	22.2	3.21
	12.2	17.3	2.06	18.7	2.36	19.7	2.56	20.7	2.77	21.3	2.91	22.2	3.14
	10.0	17.3	2.02	18.7	2.31	19.7	2.50	20.7	2.71	21.3	2.85	22.2	3.07
	4.4	17.3	1.97	18.7	2.25	19.7	2.44	20.7	2.64	21.3	2.77	22.2	2.98
	-1.1	17.3	1.92	18.7	2.19	19.7	2.38	20.7	2.57	21.3	2.71	22.2	2.91
	-5.0	17.3	1.89	18.7	2.16	19.7	2.34	20.7	2.53	21.3	2.66	22.2	2.87
	-9.4	17.3	1.86	18.7	2.12	19.7	2.30	20.7	2.49	21.3	2.62	22.2	2.82
	-15.0	17.3	1.82	18.7	2.08	19.7	2.26	20.7	2.44	21.3	2.57	22.2	2.77

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,

COOLING (°C)

MMY-MUP120H1FT6PUL/MMY-MUP120H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	16.6	7.29	17.9	8.18	18.9	8.79	19.8	9.41	20.4	9.84	21.3	10.48
	50.0	18.5	7.57	19.9	8.50	21.0	9.13	22.0	9.78	22.7	10.23	23.7	10.90
	47.8	21.3	8.00	22.9	8.99	24.1	9.67	25.4	10.36	26.1	10.84	27.3	11.55
	46.1	23.7	8.39	25.5	9.43	26.9	10.04	28.2	10.87	29.0	11.37	30.4	12.13
	43.3	27.1	8.77	29.3	9.86	30.8	10.61	32.4	11.38	33.3	11.90	34.8	12.70
	41.1	28.2	8.50	30.5	9.56	32.1	10.28	33.7	11.03	34.7	11.54	36.3	12.31
	39.4	29.1	8.29	31.4	9.33	33.0	10.03	34.7	10.76	35.7	11.26	37.3	12.01
	37.2	30.0	8.02	32.4	9.02	34.1	9.70	35.8	10.40	36.9	10.89	38.6	11.61
	35.0	30.9	7.74	33.4	8.71	35.2	9.37	36.9	10.05	38.0	10.52	39.7	11.22
	33.9	30.9	7.50	33.4	8.43	35.2	9.07	36.9	9.73	38.0	10.18	39.7	10.86
	32.8	30.9	7.26	33.4	8.17	35.2	8.78	36.9	9.42	38.0	9.86	39.7	10.51
	30.6	30.9	6.82	33.4	7.67	35.2	8.24	36.9	8.84	38.0	9.25	39.7	9.86
	27.8	30.9	6.30	33.4	7.08	35.2	7.61	36.9	8.16	38.0	8.54	39.7	9.10
	23.9	30.9	5.64	33.4	6.34	35.2	6.81	36.9	7.30	38.0	7.64	39.7	8.15
	22.2	30.9	5.37	33.4	6.04	35.2	6.49	36.9	6.95	38.0	7.27	39.7	7.76
	21.1	30.9	5.20	33.4	5.85	35.2	6.28	36.9	6.74	38.0	7.05	39.7	7.51
	20.0	30.9	5.04	33.4	5.66	35.2	6.08	36.9	6.52	38.0	6.82	39.7	7.27
	18.3	30.9	4.92	33.4	5.53	35.2	5.94	36.9	6.37	38.0	6.66	39.7	7.10
	16.7	30.9	4.82	33.4	5.42	35.2	5.83	36.9	6.24	38.0	6.53	39.7	6.96
	14.4	30.9	4.71	33.4	5.29	35.2	5.69	36.9	6.09	38.0	6.37	39.7	6.79
	12.2	30.9	4.61	33.4	5.18	35.2	5.57	36.9	5.97	38.0	6.25	39.7	6.66
	10.0	30.9	4.51	33.4	5.07	35.2	5.45	36.9	5.84	38.0	6.11	39.7	6.51
	4.4	30.9	4.41	33.4	4.95	35.2	5.32	36.9	5.70	38.0	5.96	39.7	6.35
	-1.1	30.9	4.31	33.4	4.84	35.2	5.20	36.9	5.57	38.0	5.83	39.7	6.21
	-5.0	30.9	4.24	33.4	4.76	35.2	5.12	36.9	5.49	38.0	5.74	39.7	6.12
	-9.4	30.9	4.17	33.4	4.68	35.2	5.03	36.9	5.39	38.0	5.64	39.7	6.01
	-15.0	30.9	4.09	33.4	4.60	35.2	4.94	36.9	5.29	38.0	5.54	39.7	5.90
110	51.7	16.9	7.36	18.3	8.26	19.2	8.88	20.2	9.51	20.8	9.94	21.7	10.59
	50.0	18.8	7.64	20.3	8.58	21.4	9.22	22.5	9.88	23.1	10.33	24.2	11.01
	47.8	21.7	8.09	23.4	9.09	24.6	9.76	25.9	10.47	26.6	10.95	27.8	11.67
	46.1	24.1	8.47	26.0	9.53	27.4	10.14	28.8	10.98	29.6	11.49	31.0	12.25
	43.3	27.7	8.85	29.9	9.96	31.4	10.71	33.0	11.49	34.0	12.03	35.5	12.83
	41.1	28.8	8.58	31.1	9.66	32.7	10.39	34.4	11.14	35.4	11.66	37.0	12.43
	39.4	29.6	8.37	32.0	9.42	33.7	10.13	35.4	10.87	36.4	11.37	38.1	12.13
	37.2	30.6	8.10	33.1	9.11	34.8	9.80	36.6	10.51	37.6	11.00	39.3	11.73
	35.0	31.6	7.82	34.1	8.80	35.9	9.47	37.7	10.15	38.7	10.62	40.5	11.33
	33.9	31.6	7.57	34.1	8.52	35.9	9.16	37.7	9.83	38.7	10.28	40.5	10.97
	32.8	31.6	7.34	34.1	8.25	35.9	8.87	37.7	9.52	38.7	9.96	40.5	10.62
	30.6	31.6	6.89	34.1	7.75	35.9	8.33	37.7	8.93	38.7	9.34	40.5	9.96
	27.8	31.6	6.36	34.1	7.15	35.9	7.69	37.7	8.25	38.7	8.63	40.5	9.20
	23.9	31.6	5.70	34.1	6.40	35.9	6.88	37.7	7.38	38.7	7.72	40.5	8.23
	22.2	31.6	5.42	34.1	6.10	35.9	6.55	37.7	7.03	38.7	7.35	40.5	7.84
	21.1	31.6	5.25	34.1	5.91	35.9	6.35	37.7	6.80	38.7	7.12	40.5	7.59
	20.0	31.6	5.09	34.1	5.72	35.9	6.15	37.7	6.59	38.7	6.89	40.5	7.35
	18.3	31.6	4.97	34.1	5.59	35.9	6.00	37.7	6.43	38.7	6.73	40.5	7.17
	16.7	31.6	4.87	34.1	5.48	35.9	5.89	37.7	6.31	38.7	6.60	40.5	7.03
	14.4	31.6	4.76	34.1	5.34	35.9	5.74	37.7	6.16	38.7	6.44	40.5	6.86
	12.2	31.6	4.66	34.1	5.24	35.9	5.63	37.7	6.03	38.7	6.31	40.5	6.72
	10.0	31.6	4.56	34.1	5.12	35.9	5.51	37.7	5.90	38.7	6.17	40.5	6.58
	4.4	31.6	4.45	34.1	5.00	35.9	5.37	37.7	5.76	38.7	6.02	40.5	6.42
	-1.1	31.6	4.35	34.1	4.89	35.9	5.25	37.7	5.63	38.7	5.89	40.5	6.28
	-5.0	31.6	4.28	34.1	4.81	35.9	5.17	37.7	5.54	38.7	5.80	40.5	6.18
	-9.4	31.6	4.21	34.1	4.73	35.9	5.08	37.7	5.44	38.7	5.69	40.5	6.07
	-15.0	31.6	4.13	34.1	4.64	35.9	4.99	37.7	5.35	38.7	5.59	40.5	5.96
120	51.7	17.4	7.51	18.8	8.43	19.8	9.05	20.8	9.69	21.4	10.14	22.4	10.80
	50.0	19.4	7.79	20.9	8.75	22.0	9.40	23.1	10.07	23.8	10.54	24.9	11.23
	47.8	22.3	8.24	24.1	9.26	25.4	9.96	26.6	10.67	27.4	11.16	28.7	11.90
	46.1	24.8	8.64	26.8	9.72	28.2	10.34	29.6	11.20	30.5	11.72	31.9	12.49
	43.3	28.5	9.03	30.7	10.16	32.4	10.92	34.0	11.72	35.0	12.26	36.6	13.08
	41.1	29.7	8.75	32.0	9.85	33.7	10.59	35.4	11.36	36.4	11.89	38.1	12.68
	39.4	30.5	8.54	32.9	9.61	34.7	10.33	36.4	11.08	37.4	11.59	39.2	12.37
	37.2	31.5	8.26	34.1	9.29	35.8	9.99	37.6	10.72	38.7	11.21	40.5	11.96
	35.0	32.5	7.98	35.1	8.97	36.9	9.65	38.8	10.35	39.9	10.83	41.7	11.55
	33.9	32.5	7.72	35.1	8.69	36.9	9.34	38.8	10.02	39.9	10.48	41.7	11.18
	32.8	32.5	7.48	35.1	8.41	36.9	9.05	38.8	9.70	39.9	10.15	41.7	10.83
	30.6	32.5	7.02	35.1	7.90	36.9	8.49	38.8	9.11	39.9	9.53	41.7	10.16
	27.8	32.5	6.49	35.1	7.29	36.9	7.84	38.8	8.41	39.9	8.80	41.7	9.38
	23.9	32.5	5.81	35.1	6.53	36.9	7.02	38.8	7.52	39.9	7.87	41.7	8.39
	22.2	32.5	5.53	35.1	6.22	36.9	6.68	38.8	7.16	39.9	7.49	41.7	7.99
	21.1	32.5	5.36	35.1	6.02	36.9	6.47	38.8	6.94	39.9	7.26	41.7	7.74
	20.0	32.5	5.19	35.1	5.83	36.9	6.27	38.8	6.72	39.9	7.03	41.7	7.49
	18.3	32.5	5.07	35.1	5.70	36.9	6.12	38.8	6.56	39.9	6.86	41.7	7.32
	16.7	32.5	4.97	35.1	5.58	36.9	6.00	38.8	6.43	39.9	6.73	41.7	7.17
	14.4	32.5	4.85	35.1	5.45	36.9	5.86	38.8	6.28	39.9	6.56	41.7	7.00
	12.2	32.5	4.75	35.1	5.34	36.9	5.74	38.8	6.15	39.9	6.43	41.7	6.86
	10.0	32.5	4.65	35.1	5.22	36.9	5.61	38.8	6.02	39.9	6.29	41.7	6.71
	4.4	32.5	4.54	35.1	5.10	36.9	5.48	38.8	5.87	39.9	6.14	41.7	6.54
	-1.1	32.5	4.44	35.1	4.99	36.9	5.36	38.8	5.74	39.9	6.00	41.7	6.40
	-5.0	32.5	4.37	35.1	4.91	36.9	5.27	38.8	5.65	39.9	5.91	41.7	6.30
	-9.4	32.5	4.29	35.1	4.82	36.9	5.18	38.8	5.55	39.9	5.81	41.7	6.19
	-15.0	32.5	4.21	35.1	4.74	36.9	5.09	38.8	5.45	39.9	5.70	41.7	6.08
130	51.7	17.8	7.61	19.3	8.55	20.3	9.18	21.3	9.83	21.9	10.28	22.7	10.85
	50.0	19.9	7.90	21.4	8.88	22.6	9.54	23.7	10.22	24.4	10.68	25.3	11.28
	47.8	22.8	8.36	24.7	9.40	26.0	10.10	27.3	10.82	28.0	11.32	29.1	11.95
	46.1	25.4	8.76	27.4	9.85	28.9	10.49	30.3	11.36	31.2	11.88	32.3	12.55
	43.3	29.2	9.16	31.5	10.30	33.1	11.08	34.8	11.88	35.8	12.44	37.1	13.14
	41.1	30.4	8.88	32.8	9.99	34.5	10.74	36.2	11.52	37.3	12.05	38.6	12.74
	39.4	31.2	8.66	33.7	9.74	35.5	10.48	37.3	11.24	38.3	11.76	39.7	12.43
	37.2	32.3	8.37	34.9	9.42	36.7	10.13	38.5	10.87	39.6	11.37	41.1	12.02
	35.0	33.3	8.09	35.9	9.10	37.8	9.79	39.7	10.50	40.8	10.99	42.3	11.61
	33.9	33.3	7.83	35.9	8.81	37.8	9.48	39.7	10.16	40.8	10.63	42.3	11.24
	32.8	33.3	7.59	35.9	8.53	37.8	9.18	39.7	9.84	40.8	10.30	42.3	10.88
	30.6	33.3	7.12	35.9	8.01	37.8	8.61	39.7	9.23	40.8	9.66	42.3	10.21
	27.8	33.3	6.58	35.9	7.40	37.8	7.95	39.7	8.53	40.8	8.92	42.3	9.42
	23.9	33.3	5.89	35.9	6.62	37.8	7.12	39.7	7.63	40.8	7.98	42.3	8.43
	22.2	33.3	5.61	35.9	6.31	37.8	6.78	39.7	7.27	40.8	7.60	42.3	8.03
	21.1	33.3	5.43	35.9	6.11	37.8	6.56	39.7	7.04	40.8	7.36	42.3	7.77
	20.0	33.3	5.26	35.9	5.91	37.8	6.35	39.7	6.81	40.8	7.13	42.3	7.53
	18.3	33.3	5.14	35.9	5.78	37.8	6.21	39.7	6.65	40.8	6.96	42.3	7.35
	16.7	33.3	5.04	35.9	5.66	37.8	6.09	39.7	6.52	40.8	6.82	42.3	7.21
	14.4	33.3	4.92	35.9	5.53	37.8	5.94	39.7	6.37	40.8	6.66	42.3	7.03
	12.2	33.3	4.82	35.9	5.42	37.8	5.82	39.7	6.24	40.8	6.52	42.3	6.89
	10.0	33.3	4.72	35.9	5.30	37.8	5.69	39.7	6.10	40.8	6.38	42.3	6.74
	4.4	33.3	4.60	35.9	5.17	37.8	5.56	39.7	5.95	40.8	6.23	42.3	6.58
	-1.1	33.3	4.50	35.9	5.06	37.8	5.43	39.7	5.82	40.8	6.09	42.3	6.43
	-5.0	33.3	4.43	35.9	4.98	37.8	5.35	39.7	5.73	40.8	5.99	42.3	6.33
	-9.4	33.3	4.35	35.9	4.89	37.8	5.25	39.7	5.63	40.8	5.89	42.3	6.22
	-15.0	33.3	4.27	35.9	4.80	37.8	5.16	39.7	5.53	40.8	5.78	42.3	6.11

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	14.9	6.30	16.1	7.07	17.0	7.59	17.8	8.13	18.3	8.51	19.2	9.06
	50.0	16.6	6.54	18.0	7.34	18.9	7.89	19.8	8.45	20.4	8.84	21.4	9.42
	47.8	19.1	6.92	20.6	7.77	21.7	8.35	22.8	8.95	23.5	9.37	24.6	9.98
	46.1	21.3	7.25	23.0	8.15	24.2	8.68	25.4	9.40	26.1	9.83	27.3	10.48
	43.3	24.4	7.58	26.4	8.52	27.7	9.17	29.1	9.83	30.0	10.29	31.4	10.97
	41.1	25.4	7.34	27.4	8.26	28.9	8.89	30.3	9.53	31.2	9.97	32.6	10.64
	39.4	26.2	7.16	28.2	8.06	29.7	8.67	31.2	9.30	32.1	9.73	33.6	10.38
	37.2	27.0	6.93	29.2	7.80	30.7	8.38	32.3	8.99	33.2	9.41	34.7	10.04
	35.0	27.9	6.69	30.1	7.53	31.7	8.10	33.2	8.69	34.2	9.09	35.8	9.70
	33.9	27.9	6.48	30.1	7.29	31.7	7.84	33.2	8.41	34.2	8.80	35.8	9.38
	32.8	27.9	6.28	30.1	7.06	31.7	7.59	33.2	8.14	34.2	8.52	35.8	9.09
	30.6	27.9	5.89	30.1	6.63	31.7	7.13	33.2	7.64	34.2	7.99	35.8	8.52
	27.8	27.9	5.44	30.1	6.12	31.7	6.58	33.2	7.05	34.2	7.38	35.8	7.87
	23.9	27.9	4.87	30.1	5.48	31.7	5.89	33.2	6.31	34.2	6.60	35.8	7.04
	22.2	27.9	4.64	30.1	5.22	31.7	5.61	33.2	6.01	34.2	6.29	35.8	6.70
	21.1	27.9	4.50	30.1	5.05	31.7	5.43	33.2	5.82	34.2	6.09	35.8	6.49
	20.0	27.9	4.35	30.1	4.89	31.7	5.26	33.2	5.64	34.2	5.90	35.8	6.28
	18.3	27.9	4.25	30.1	4.78	31.7	5.14	33.2	5.51	34.2	5.76	35.8	6.14
	16.7	27.9	4.17	30.1	4.69	31.7	5.04	33.2	5.40	34.2	5.65	35.8	6.02
	14.4	27.9	4.07	30.1	4.57	31.7	4.91	33.2	5.27	34.2	5.51	35.8	5.87
	12.2	27.9	3.99	30.1	4.48	31.7	4.82	33.2	5.16	34.2	5.40	35.8	5.75
	10.0	27.9	3.90	30.1	4.38	31.7	4.71	33.2	5.05	34.2	5.28	35.8	5.63
	4.4	27.9	3.81	30.1	4.28	31.7	4.60	33.2	4.93	34.2	5.15	35.8	5.49
	-1.1	27.9	3.72	30.1	4.18	31.7	4.50	33.2	4.82	34.2	5.04	35.8	5.37
	-5.0	27.9	3.67	30.1	4.12	31.7	4.42	33.2	4.74	34.2	4.96	35.8	5.29
	-9.4	27.9	3.60	30.1	4.05	31.7	4.35	33.2	4.66	34.2	4.87	35.8	5.19
	-15.0	27.9	3.54	30.1	3.97	31.7	4.27	33.2	4.57	34.2	4.78	35.8	5.10
80	51.7	13.3	5.39	14.3	6.05	15.1	6.49	15.8	6.96	16.3	7.27	17.0	7.75
	50.0	14.8	5.59	16.0	6.28	16.8	6.75	17.6	7.23	18.1	7.56	19.0	8.05
	47.8	17.0	5.91	18.4	6.65	19.3	7.14	20.3	7.66	20.9	8.01	21.8	8.54
	46.1	18.9	6.20	20.4	6.97	21.5	7.42	22.6	8.03	23.2	8.40	24.3	8.96
	43.3	21.7	6.48	23.4	7.29	24.7	7.84	25.9	8.41	26.6	8.80	27.9	9.38
	41.1	22.6	6.28	24.4	7.06	25.7	7.60	27.0	8.15	27.7	8.53	29.0	9.10
	39.4	23.2	6.12	25.1	6.89	26.4	7.41	27.7	7.95	28.5	8.32	29.9	8.87
	37.2	24.0	5.92	25.9	6.67	27.3	7.17	28.7	7.69	29.5	8.05	30.9	8.58
	35.0	24.8	5.72	26.7	6.44	28.1	6.92	29.5	7.43	30.4	7.77	31.8	8.29
	33.9	24.8	5.54	26.7	6.23	28.1	6.70	29.5	7.19	30.4	7.52	31.8	8.02
	32.8	24.8	5.37	26.7	6.04	28.1	6.49	29.5	6.96	30.4	7.28	31.8	7.77
	30.6	24.8	5.04	26.7	5.67	28.1	6.09	29.5	6.53	30.4	6.83	31.8	7.29
	27.8	24.8	4.65	26.7	5.23	28.1	5.63	29.5	6.03	30.4	6.31	31.8	6.73
	23.9	24.8	4.17	26.7	4.68	28.1	5.03	29.5	5.40	30.4	5.65	31.8	6.02
	22.2	24.8	3.97	26.7	4.46	28.1	4.79	29.5	5.14	30.4	5.38	31.8	5.73
	21.1	24.8	3.84	26.7	4.32	28.1	4.64	29.5	4.98	30.4	5.21	31.8	5.55
	20.0	24.8	3.72	26.7	4.18	28.1	4.50	29.5	4.82	30.4	5.04	31.8	5.37
	18.3	24.8	3.64	26.7	4.09	28.1	4.39	29.5	4.71	30.4	4.92	31.8	5.25
	16.7	24.8	3.56	26.7	4.01	28.1	4.31	29.5	4.61	30.4	4.83	31.8	5.14
	14.4	24.8	3.48	26.7	3.91	28.1	4.20	29.5	4.50	30.4	4.71	31.8	5.02
	12.2	24.8	3.41	26.7	3.83	28.1	4.12	29.5	4.41	30.4	4.61	31.8	4.92
	10.0	24.8	3.34	26.7	3.75	28.1	4.03	29.5	4.32	30.4	4.51	31.8	4.81
	4.4	24.8	3.26	26.7	3.66	28.1	3.93	29.5	4.21	30.4	4.40	31.8	4.69
	-1.1	24.8	3.18	26.7	3.58	28.1	3.84	29.5	4.12	30.4	4.31	31.8	4.59
	-5.0	24.8	3.13	26.7	3.52	28.1	3.78	29.5	4.05	30.4	4.24	31.8	4.52
	-9.4	24.8	3.08	26.7	3.46	28.1	3.72	29.5	3.98	30.4	4.16	31.8	4.44
	-15.0	24.8	3.02	26.7	3.40	28.1	3.65	29.5	3.91	30.4	4.09	31.8	4.36
70	51.7	11.6	4.54	12.5	5.10	13.2	5.47	13.9	5.86	14.3	6.13	14.9	6.53
	50.0	12.9	4.71	14.0	5.29	14.7	5.69	15.4	6.09	15.9	6.37	16.6	6.79
	47.8	14.9	4.99	16.1	5.60	16.9	6.02	17.7	6.45	18.3	6.75	19.1	7.19
	46.1	16.6	5.23	17.9	5.88	18.8	6.25	19.8	6.77	20.3	7.08	21.3	7.55
	43.3	19.0	5.46	20.5	6.14	21.6	6.61	22.7	7.09	23.3	7.41	24.4	7.91
	41.1	19.8	5.29	21.3	5.95	22.5	6.40	23.6	6.87	24.3	7.19	25.4	7.67
	39.4	20.3	5.16	22.0	5.81	23.1	6.25	24.3	6.70	25.0	7.01	26.1	7.48
	37.2	21.0	4.99	22.7	5.62	23.9	6.04	25.1	6.48	25.8	6.78	27.0	7.23
	35.0	21.7	4.82	23.4	5.43	24.6	5.84	25.8	6.26	26.6	6.55	27.8	6.99
	33.9	21.7	4.67	23.4	5.25	24.6	5.65	25.8	6.06	26.6	6.34	27.8	6.76
	32.8	21.7	4.52	23.4	5.09	24.6	5.47	25.8	5.87	26.6	6.14	27.8	6.55
	30.6	21.7	4.25	23.4	4.78	24.6	5.13	25.8	5.51	26.6	5.76	27.8	6.14
	27.8	21.7	3.92	23.4	4.41	24.6	4.74	25.8	5.08	26.6	5.32	27.8	5.67
	23.9	21.7	3.51	23.4	3.95	24.6	4.24	25.8	4.55	26.6	4.76	27.8	5.07
	22.2	21.7	3.34	23.4	3.76	24.6	4.04	25.8	4.33	26.6	4.53	27.8	4.83
	21.1	21.7	3.24	23.4	3.64	24.6	3.91	25.8	4.20	26.6	4.39	27.8	4.68
	20.0	21.7	3.14	23.4	3.53	24.6	3.79	25.8	4.06	26.6	4.25	27.8	4.53
	18.3	21.7	3.06	23.4	3.44	24.6	3.70	25.8	3.97	26.6	4.15	27.8	4.42
	16.7	21.7	3.00	23.4	3.38	24.6	3.63	25.8	3.89	26.6	4.07	27.8	4.34
	14.4	21.7	2.93	23.4	3.30	24.6	3.54	25.8	3.80	26.6	3.97	27.8	4.23
	12.2	21.7	2.87	23.4	3.23	24.6	3.47	25.8	3.72	26.6	3.89	27.8	4.15
	10.0	21.7	2.81	23.4	3.16	24.6	3.39	25.8	3.64	26.6	3.81	27.8	4.06
	4.4	21.7	2.74	23.4	3.08	24.6	3.31	25.8	3.55	26.6	3.71	27.8	3.96
	-1.1	21.7	2.68	23.4	3.02	24.6	3.24	25.8	3.47	26.6	3.63	27.8	3.87
	-5.0	21.7	2.64	23.4	2.97	24.6	3.19	25.8	3.42	26.6	3.57	27.8	3.81
	-9.4	21.7	2.59	23.4	2.91	24.6	3.13	25.8	3.36	26.6	3.51	27.8	3.74
	-15.0	21.7	2.55	23.4	2.86	24.6	3.08	25.8	3.30	26.6	3.45	27.8	3.67

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary

MMY-UP144H1FT6PUL/MMY-UP144H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	19.9	7.06	21.5	8.10	22.6	8.82	23.8	9.59	24.4	10.12	25.6	10.95
	50.0	22.2	7.42	23.9	8.54	25.2	9.32	26.5	10.14	27.2	10.72	28.5	11.61
	47.8	25.5	8.02	27.5	9.27	29.0	10.13	30.4	11.04	31.3	11.68	32.7	12.67
	46.1	28.4	8.57	30.6	9.93	32.3	10.77	33.9	11.87	34.8	12.58	36.4	13.66
	43.3	32.5	9.18	35.1	10.68	37.0	11.71	38.8	12.81	39.9	13.59	41.8	14.78
	41.1	33.9	8.90	36.6	10.35	38.5	11.35	40.4	12.42	41.6	13.17	43.5	14.33
	39.4	34.9	8.68	37.6	10.10	39.6	11.07	41.6	12.11	42.8	12.85	44.8	13.97
	37.2	36.0	8.40	38.9	9.77	41.0	10.71	43.0	11.72	44.2	12.43	46.3	13.52
	35.0	37.1	8.11	40.1	9.44	42.2	10.35	44.3	11.32	45.6	12.01	47.7	13.06
	33.9	37.1	7.82	40.1	9.09	42.2	9.97	44.3	10.90	45.6	11.56	47.7	12.57
	32.8	37.1	7.54	40.1	8.76	42.2	9.61	44.3	10.50	45.6	11.13	47.7	12.10
	30.6	37.1	7.03	40.1	8.16	42.2	8.94	44.3	9.77	45.6	10.35	47.7	11.25
	27.8	37.1	6.44	40.1	7.47	42.2	8.18	44.3	8.93	45.6	9.46	47.7	10.27
	23.9	37.1	5.72	40.1	6.62	42.2	7.24	44.3	7.90	45.6	8.37	47.7	9.08
	22.2	37.1	5.43	40.1	6.28	42.2	6.87	44.3	7.49	45.6	7.93	47.7	8.61
	21.1	37.1	5.25	40.1	6.07	42.2	6.64	44.3	7.24	45.6	7.67	47.7	8.32
	20.0	37.1	5.07	40.1	5.86	42.2	6.41	44.3	6.99	45.6	7.40	47.7	8.03
	18.3	37.1	4.94	40.1	5.71	42.2	6.25	44.3	6.81	45.6	7.21	47.7	7.82
	16.7	37.1	4.84	40.1	5.59	42.2	6.11	44.3	6.66	45.6	7.05	47.7	7.65
	14.4	37.1	4.71	40.1	5.44	42.2	5.94	44.3	6.48	45.6	6.86	47.7	7.44
	12.2	37.1	4.61	40.1	5.32	42.2	5.81	44.3	6.33	45.6	6.70	47.7	7.27
	10.0	37.1	4.50	40.1	5.19	42.2	5.67	44.3	6.18	45.6	6.54	47.7	7.09
	4.4	37.1	4.38	40.1	5.05	42.2	5.52	44.3	6.01	45.6	6.36	47.7	6.89
	-1.1	37.1	4.27	40.1	4.93	42.2	5.38	44.3	5.87	45.6	6.20	47.7	6.72
	-5.0	37.1	4.21	40.1	4.85	42.2	5.30	44.3	5.77	45.6	6.10	47.7	6.61
	-9.4	37.1	4.13	40.1	4.76	42.2	5.20	44.3	5.66	45.6	5.99	47.7	6.49
	-15.0	37.1	4.06	40.1	4.68	42.2	5.11	44.3	5.56	45.6	5.88	47.7	6.38
110	51.7	20.3	7.13	21.9	8.18	23.1	8.91	24.2	9.69	24.9	10.23	26.1	11.06
	50.0	22.6	7.50	24.4	8.63	25.7	9.41	27.0	10.25	27.8	10.83	29.0	11.72
	47.8	26.0	8.10	28.1	9.36	29.6	10.23	31.0	11.15	31.9	11.80	33.4	12.80
	46.1	28.9	8.66	31.3	10.03	32.9	10.88	34.5	11.99	35.5	12.71	37.2	13.80
	43.3	33.2	9.27	35.8	10.79	37.7	11.83	39.6	12.94	40.7	13.72	42.6	14.93
	41.1	34.6	8.99	37.3	10.46	39.3	11.47	41.3	12.55	42.4	13.30	44.4	14.47
	39.4	35.6	8.77	38.4	10.20	40.4	11.19	42.4	12.24	43.6	12.98	45.7	14.12
	37.2	36.8	8.48	39.7	9.87	41.8	10.82	43.9	11.84	45.1	12.55	47.2	13.66
	35.0	37.9	8.20	40.9	9.53	43.0	10.46	45.2	11.44	46.5	12.13	48.6	13.19
	33.9	37.9	7.90	40.9	9.18	43.0	10.07	45.2	11.01	46.5	11.67	48.6	12.70
	32.8	37.9	7.62	40.9	8.85	43.0	9.70	45.2	10.61	46.5	11.25	48.6	12.23
	30.6	37.9	7.10	40.9	8.24	43.0	9.03	45.2	9.87	46.5	10.45	48.6	11.36
	27.8	37.9	6.51	40.9	7.54	43.0	8.26	45.2	9.02	46.5	9.55	48.6	10.38
	23.9	37.9	5.77	40.9	6.68	43.0	7.31	45.2	7.98	46.5	8.45	48.6	9.18
	22.2	37.9	5.48	40.9	6.34	43.0	6.94	45.2	7.57	46.5	8.02	48.6	8.70
	21.1	37.9	5.30	40.9	6.13	43.0	6.70	45.2	7.31	46.5	7.74	48.6	8.40
	20.0	37.9	5.12	40.9	5.92	43.0	6.48	45.2	7.07	46.5	7.48	48.6	8.12
	18.3	37.9	4.99	40.9	5.77	43.0	6.31	45.2	6.88	46.5	7.28	48.6	7.90
	16.7	37.9	4.89	40.9	5.65	43.0	6.17	45.2	6.73	46.5	7.12	48.6	7.72
	14.4	37.9	4.76	40.9	5.49	43.0	6.00	45.2	6.55	46.5	6.93	48.6	7.51
	12.2	37.9	4.65	40.9	5.37	43.0	5.87	45.2	6.40	46.5	6.77	48.6	7.34
	10.0	37.9	4.54	40.9	5.25	43.0	5.73	45.2	6.25	46.5	6.61	48.6	7.16
	4.4	37.9	4.42	40.9	5.10	43.0	5.57	45.2	6.07	46.5	6.42	48.6	6.96
	-1.1	37.9	4.32	40.9	4.98	43.0	5.44	45.2	5.93	46.5	6.27	48.6	6.79
	-5.0	37.9	4.25	40.9	4.90	43.0	5.35	45.2	5.83	46.5	6.16	48.6	6.68
	-9.4	37.9	4.17	40.9	4.81	43.0	5.25	45.2	5.72	46.5	6.05	48.6	6.56
	-15.0	37.9	4.10	40.9	4.73	43.0	5.16	45.2	5.62	46.5	5.94	48.6	6.44
120	51.7	20.9	7.27	22.6	8.34	23.8	9.09	24.9	9.88	25.6	10.43	26.8	11.28
	50.0	23.3	7.65	25.1	8.80	26.5	9.60	27.8	10.45	28.6	11.04	29.9	11.95
	47.8	26.8	8.26	28.9	9.54	30.4	10.43	31.9	11.37	32.9	12.04	34.4	13.06
	46.1	29.8	8.83	32.2	10.23	33.9	11.10	35.6	12.23	36.6	12.96	38.3	14.07
	43.3	34.2	9.46	36.9	11.00	38.8	12.06	40.8	13.20	41.9	13.99	43.9	15.22
	41.1	35.6	9.17	38.4	10.66	40.4	11.69	42.5	12.79	43.7	13.56	45.7	14.76
	39.4	36.6	8.94	39.5	10.40	41.6	11.41	43.7	12.48	44.9	13.23	47.0	14.39
	37.2	37.8	8.65	40.9	10.06	43.0	11.03	45.2	12.07	46.4	12.80	48.6	13.92
	35.0	39.0	8.36	42.1	9.72	44.3	10.66	46.5	11.66	47.9	12.37	50.1	13.45
	33.9	39.0	8.05	42.1	9.36	44.3	10.27	46.5	11.23	47.9	11.90	50.1	12.95
	32.8	39.0	7.77	42.1	9.03	44.3	9.89	46.5	10.82	47.9	11.47	50.1	12.47
	30.6	39.0	7.24	42.1	8.40	44.3	9.21	46.5	10.06	47.9	10.66	50.1	11.59
	27.8	39.0	6.63	42.1	7.69	44.3	8.42	46.5	9.20	47.9	9.74	50.1	10.58
	23.9	39.0	5.89	42.1	6.82	44.3	7.46	46.5	8.14	47.9	8.62	50.1	9.36
	22.2	39.0	5.59	42.1	6.47	44.3	7.07	46.5	7.72	47.9	8.17	50.1	8.87
	21.1	39.0	5.40	42.1	6.25	44.3	6.84	46.5	7.46	47.9	7.90	50.1	8.57
	20.0	39.0	5.22	42.1	6.04	44.3	6.61	46.5	7.20	47.9	7.63	50.1	8.28
	18.3	39.0	5.09	42.1	5.88	44.3	6.43	46.5	7.02	47.9	7.43	50.1	8.06
	16.7	39.0	4.98	42.1	5.76	44.3	6.29	46.5	6.86	47.9	7.26	50.1	7.88
	14.4	39.0	4.85	42.1	5.60	44.3	6.12	46.5	6.67	47.9	7.06	50.1	7.66
	12.2	39.0	4.74	42.1	5.48	44.3	5.99	46.5	6.52	47.9	6.90	50.1	7.48
	10.0	39.0	4.63	42.1	5.35	44.3	5.84	46.5	6.37	47.9	6.74	50.1	7.31
	4.4	39.0	4.51	42.1	5.20	44.3	5.68	46.5	6.19	47.9	6.55	50.1	7.10
	-1.1	39.0	4.40	42.1	5.08	44.3	5.55	46.5	6.04	47.9	6.39	50.1	6.93
	-5.0	39.0	4.33	42.1	5.00	44.3	5.46	46.5	5.94	47.9	6.29	50.1	6.81
	-9.4	39.0	4.25	42.1	4.91	44.3	5.36	46.5	5.84	47.9	6.17	50.1	6.69
	-15.0	39.0	4.18	42.1	4.82	44.3	5.26	46.5	5.73	47.9	6.06	50.1	6.57
130	51.7	21.4	7.37	23.1	8.46	24.3	9.22	25.5	10.02	26.3	10.58	27.2	11.33
	50.0	23.8	7.75	25.7	8.93	27.1	9.74	28.4	10.59	29.2	11.20	30.3	12.01
	47.8	27.4	8.38	29.6	9.68	31.2	10.58	32.7	11.54	33.6	12.21	34.9	13.12
	46.1	30.5	8.95	32.9	10.37	34.7	11.25	36.4	12.40	37.4	13.14	38.8	14.14
	43.3	35.0	9.59	37.8	11.15	39.8	12.23	41.8	13.38	42.9	14.19	44.5	15.30
	41.1	36.4	9.30	39.3	10.81	41.4	11.86	43.5	12.97	44.7	13.76	46.4	14.83
	39.4	37.5	9.07	40.5	10.55	42.6	11.57	44.7	12.66	46.0	13.42	47.7	14.46
	37.2	38.7	8.77	41.8	10.20	44.0	11.19	46.2	12.24	47.6	12.98	49.3	13.99
	35.0	39.9	8.48	43.1	9.86	45.4	10.81	47.6	11.83	49.0	12.54	50.8	13.52
	33.9	39.9	8.17	43.1	9.50	45.4	10.41	47.6	11.39	49.0	12.07	50.8	13.01
	32.8	39.9	7.88	43.1	9.15	45.4	10.03	47.6	10.97	49.0	11.63	50.8	12.53
	30.6	39.9	7.34	43.1	8.52	45.4	9.34	47.6	10.20	49.0	10.81	50.8	11.64
	27.8	39.9	6.73	43.1	7.80	45.4	8.54	47.6	9.33	49.0	9.88	50.8	10.63
	23.9	39.9	5.97	43.1	6.91	45.4	7.56	47.6	8.25	49.0	8.74	50.8	9.40
	22.2	39.9	5.67	43.1	6.56	45.4	7.18	47.6	7.83	49.0	8.29	50.8	8.91
	21.1	39.9	5.48	43.1	6.34	45.4	6.93	47.6	7.56	49.0	8.01	50.8	8.61
	20.0	39.9	5.30	43.1	6.13	45.4	6.70	47.6	7.31	49.0	7.73	50.8	8.31
	18.3	39.9	5.16	43.1	5.97	45.4	6.52	47.6	7.12	49.0	7.53	50.8	8.09
	16.7	39.9	5.05	43.1	5.84	45.4	6.38	47.6	6.96	49.0	7.36	50.8	7.91
	14.4	39.9	4.92	43.1	5.68	45.4	6.21	47.6	6.77	49.0	7.16	50.8	7.70
	12.2	39.9	4.81	43.1	5.56	45.4	6.07	47.6	6.62	49.0	7.00	50.8	7.52
	10.0	39.9	4.70	43.1	5.42	45.4	5.93	47.6	6.46	49.0	6.83	50.8	7.34
	4.4	39.9	4.57	43.1	5.28	45.4	5.76	47.6	6.28	49.0	6.64	50.8	7.13
	-1.1	39.9	4.47	43.1	5.15	45.4	5.63	47.6	6.13	49.0	6.48	50.8	6.96
	-5.0	39.9	4.39	43.1	5.07	45.4	5.53	47.6	6.03	49.0	6.37	50.8	6.84
	-9.4	39.9	4.31	43.1	4.98	45.4	5.43	47.6	5.92	49.0	6.26	50.8	6.72
	-15.0	39.9	4.24	43.1	4.89	45.4	5.34	47.6	5.81	49.0	6.15	50.8	6.60

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	17.9	6.10	19.3	7.00	20.4	7.63	21.4	8.29	22.0	8.75	23.0	9.46
	50.0	20.0	6.42	21.5	7.38	22.7	8.05	23.8	8.77	24.5	9.26	25.6	10.03
	47.8	22.9	6.93	24.8	8.01	26.1	8.75	27.4	9.54	28.2	10.10	29.5	10.95
	46.1	25.5	7.41	27.6	8.58	29.0	9.31	30.5	10.26	31.3	10.87	32.8	11.81
	43.3	29.3	7.93	31.6	9.23	33.3	10.12	35.0	11.07	36.0	11.74	37.6	12.77
	41.1	30.5	7.69	32.9	8.95	34.7	9.81	36.4	10.73	37.4	11.38	39.2	12.38
	39.4	31.4	7.50	33.9	8.73	35.7	9.57	37.4	10.47	38.5	11.10	40.3	12.08
	37.2	32.4	7.26	35.0	8.44	36.9	9.26	38.7	10.13	39.8	10.74	41.7	11.68
	35.0	33.4	7.01	36.1	8.16	38.0	8.95	39.9	9.79	41.0	10.38	42.9	11.29
	33.9	33.4	6.76	36.1	7.86	38.0	8.61	39.9	9.42	41.0	9.99	42.9	10.86
	32.8	33.4	6.52	36.1	7.57	38.0	8.30	39.9	9.08	41.0	9.62	42.9	10.46
	30.6	33.4	6.07	36.1	7.05	38.0	7.72	39.9	8.44	41.0	8.94	42.9	9.72
	27.8	33.4	5.57	36.1	6.45	38.0	7.07	39.9	7.72	41.0	8.17	42.9	8.88
	23.9	33.4	4.94	36.1	5.72	38.0	6.26	39.9	6.83	41.0	7.23	42.9	7.85
	22.2	33.4	4.69	36.1	5.43	38.0	5.94	39.9	6.48	41.0	6.86	42.9	7.44
	21.1	33.4	4.53	36.1	5.25	38.0	5.74	39.9	6.26	41.0	6.62	42.9	7.19
	20.0	33.4	4.38	36.1	5.07	38.0	5.54	39.9	6.05	41.0	6.40	42.9	6.94
	18.3	33.4	4.27	36.1	4.94	38.0	5.40	39.9	5.89	41.0	6.23	42.9	6.76
	16.7	33.4	4.18	36.1	4.83	38.0	5.28	39.9	5.76	41.0	6.09	42.9	6.61
	14.4	33.4	4.07	36.1	4.70	38.0	5.14	39.9	5.60	41.0	5.93	42.9	6.43
	12.2	33.4	3.98	36.1	4.60	38.0	5.02	39.9	5.47	41.0	5.79	42.9	6.28
	10.0	33.4	3.89	36.1	4.49	38.0	4.90	39.9	5.34	41.0	5.65	42.9	6.13
	4.4	33.4	3.78	36.1	4.37	38.0	4.77	39.9	5.19	41.0	5.49	42.9	5.96
	-1.1	33.4	3.69	36.1	4.26	38.0	4.65	39.9	5.07	41.0	5.36	42.9	5.81
	-5.0	33.4	3.63	36.1	4.19	38.0	4.58	39.9	4.99	41.0	5.27	42.9	5.72
	-9.4	33.4	3.57	36.1	4.12	38.0	4.49	39.9	4.90	41.0	5.18	42.9	5.61
	-15.0	33.4	3.51	36.1	4.04	38.0	4.41	39.9	4.81	41.0	5.09	42.9	5.51
80	51.7	15.9	5.22	17.2	5.99	18.1	6.52	19.0	7.09	19.5	7.48	20.4	8.09
	50.0	17.7	5.49	19.1	6.31	20.2	6.89	21.2	7.49	21.8	7.92	22.8	8.58
	47.8	20.4	5.93	22.0	6.85	23.2	7.48	24.3	8.16	25.0	8.63	26.2	9.37
	46.1	22.7	6.33	24.5	7.34	25.8	7.96	27.1	8.77	27.9	9.29	29.2	10.10
	43.3	26.0	6.78	28.1	7.89	29.6	8.65	31.1	9.47	32.0	10.04	33.4	10.92
	41.1	27.1	6.58	29.3	7.65	30.8	8.39	32.4	9.18	33.3	9.73	34.8	10.59
	39.4	27.9	6.42	30.1	7.46	31.7	8.18	33.3	8.95	34.2	9.49	35.8	10.33
	37.2	28.8	6.21	31.1	7.22	32.8	7.92	34.4	8.66	35.4	9.18	37.0	9.99
	35.0	29.7	6.00	32.1	6.97	33.8	7.65	35.5	8.37	36.5	8.87	38.1	9.65
	33.9	29.7	5.78	32.1	6.72	33.8	7.37	35.5	8.05	36.5	8.54	38.1	9.29
	32.8	29.7	5.57	32.1	6.47	33.8	7.10	35.5	7.76	36.5	8.23	38.1	8.94
	30.6	29.7	5.19	32.1	6.03	33.8	6.60	35.5	7.22	36.5	7.65	38.1	8.31
	27.8	29.7	4.76	32.1	5.52	33.8	6.04	35.5	6.60	36.5	6.99	38.1	7.59
	23.9	29.7	4.22	32.1	4.89	33.8	5.35	35.5	5.84	36.5	6.18	38.1	6.71
	22.2	29.7	4.01	32.1	4.64	33.8	5.08	35.5	5.54	36.5	5.86	38.1	6.36
	21.1	29.7	3.88	32.1	4.48	33.8	4.90	35.5	5.35	36.5	5.66	38.1	6.15
	20.0	29.7	3.75	32.1	4.33	33.8	4.74	35.5	5.17	36.5	5.47	38.1	5.94
	18.3	29.7	3.65	32.1	4.22	33.8	4.62	35.5	5.03	36.5	5.33	38.1	5.78
	16.7	29.7	3.57	32.1	4.13	33.8	4.51	35.5	4.92	36.5	5.21	38.1	5.65
	14.4	29.7	3.48	32.1	4.02	33.8	4.39	35.5	4.79	36.5	5.07	38.1	5.49
	12.2	29.7	3.40	32.1	3.93	33.8	4.29	35.5	4.68	36.5	4.95	38.1	5.37
	10.0	29.7	3.32	32.1	3.84	33.8	4.19	35.5	4.57	36.5	4.83	38.1	5.24
	4.4	29.7	3.23	32.1	3.73	33.8	4.08	35.5	4.44	36.5	4.70	38.1	5.09
	-1.1	29.7	3.16	32.1	3.64	33.8	3.98	35.5	4.34	36.5	4.58	38.1	4.97
	-5.0	29.7	3.11	32.1	3.58	33.8	3.91	35.5	4.26	36.5	4.51	38.1	4.89
	-9.4	29.7	3.05	32.1	3.52	33.8	3.84	35.5	4.19	36.5	4.43	38.1	4.80
	-15.0	29.7	3.00	32.1	3.46	33.8	3.77	35.5	4.11	36.5	4.35	38.1	4.71
70	51.7	13.9	4.40	15.0	5.05	15.8	5.50	16.6	5.97	17.1	6.31	17.9	6.82
	50.0	15.5	4.62	16.8	5.32	17.6	5.80	18.5	6.32	19.0	6.68	19.9	7.23
	47.8	17.8	4.99	19.3	5.77	20.3	6.31	21.3	6.88	21.9	7.28	22.9	7.89
	46.1	19.9	5.34	21.4	6.19	22.6	6.71	23.7	7.40	24.4	7.83	25.5	8.51
	43.3	22.8	5.72	24.6	6.65	25.9	7.29	27.2	7.98	28.0	8.46	29.3	9.21
	41.1	23.7	5.54	25.6	6.45	27.0	7.07	28.3	7.73	29.1	8.20	30.5	8.92
	39.4	24.4	5.41	26.4	6.29	27.7	6.90	29.1	7.55	30.0	8.00	31.3	8.70
	37.2	25.2	5.23	27.2	6.08	28.7	6.67	30.1	7.30	31.0	7.74	32.4	8.42
	35.0	26.0	5.05	28.1	5.88	29.5	6.45	31.0	7.05	31.9	7.48	33.4	8.14
	33.9	26.0	4.87	28.1	5.66	29.5	6.21	31.0	6.79	31.9	7.20	33.4	7.83
	32.8	26.0	4.70	28.1	5.46	29.5	5.98	31.0	6.54	31.9	6.93	33.4	7.54
	30.6	26.0	4.38	28.1	5.08	29.5	5.57	31.0	6.08	31.9	6.45	33.4	7.01
	27.8	26.0	4.01	28.1	4.65	29.5	5.09	31.0	5.56	31.9	5.89	33.4	6.40
	23.9	26.0	3.56	28.1	4.12	29.5	4.51	31.0	4.92	31.9	5.21	33.4	5.66
	22.2	26.0	3.38	28.1	3.91	29.5	4.28	31.0	4.67	31.9	4.94	33.4	5.36
	21.1	26.0	3.27	28.1	3.78	29.5	4.13	31.0	4.51	31.9	4.77	33.4	5.18
	20.0	26.0	3.16	28.1	3.65	29.5	3.99	31.0	4.36	31.9	4.61	33.4	5.00
	18.3	26.0	3.08	28.1	3.56	29.5	3.89	31.0	4.24	31.9	4.49	33.4	4.87
	16.7	26.0	3.01	28.1	3.48	29.5	3.80	31.0	4.15	31.9	4.39	33.4	4.76
	14.4	26.0	2.93	28.1	3.39	29.5	3.70	31.0	4.04	31.9	4.27	33.4	4.63
	12.2	26.0	2.87	28.1	3.31	29.5	3.62	31.0	3.94	31.9	4.17	33.4	4.53
	10.0	26.0	2.80	28.1	3.23	29.5	3.53	31.0	3.85	31.9	4.07	33.4	4.42
	4.4	26.0	2.73	28.1	3.15	29.5	3.44	31.0	3.74	31.9	3.96	33.4	4.29
	-1.1	26.0	2.66	28.1	3.07	29.5	3.35	31.0	3.65	31.9	3.86	33.4	4.19
	-5.0	26.0	2.62	28.1	3.02	29.5	3.30	31.0	3.59	31.9	3.80	33.4	4.12
	-9.4	26.0	2.57	28.1	2.97	29.5	3.24	31.0	3.53	31.9	3.73	33.4	4.04
	-15.0	26.0	2.53	28.1	2.91	29.5	3.18	31.0	3.47	31.9	3.66	33.4	3.97

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc

COOLING (°C)

MMY-UP192H1FT6PUL/MMY-UP192H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	26.5	9.44	28.7	10.93	30.2	11.95	31.7	13.04	32.6	13.80	34.1	14.97
	50.0	29.6	9.98	31.9	11.58	33.6	12.68	35.3	13.85	36.3	14.66	38.0	15.93
	47.8	34.0	10.85	36.7	12.63	38.5	13.86	40.6	15.16	41.7	16.07	43.7	17.48
	46.1	37.8	11.66	40.9	13.60	43.0	14.84	45.2	16.37	46.4	17.36	48.6	18.91
	43.3	43.4	12.56	46.9	14.70	49.3	16.17	51.8	17.74	53.3	18.83	55.7	20.54
	41.1	45.2	12.17	48.8	14.25	51.4	15.67	53.9	17.19	55.5	18.26	58.0	19.91
	39.4	46.5	11.87	50.2	13.90	52.8	15.29	55.5	16.77	57.0	17.81	59.7	19.42
	37.2	48.0	11.49	51.9	13.44	54.6	14.79	57.4	16.22	59.0	17.23	61.7	18.78
	35.0	49.5	11.10	53.5	12.99	56.3	14.29	59.1	15.67	60.8	16.65	63.6	18.15
	33.9	49.5	10.69	53.5	12.50	56.3	13.75	59.1	15.08	60.8	16.01	63.6	17.45
	32.8	49.5	10.30	53.5	12.04	56.3	13.24	59.1	14.52	60.8	15.41	63.6	16.80
	30.6	49.5	9.58	53.5	11.19	56.3	12.30	59.1	13.48	60.8	14.31	63.6	15.59
	27.8	49.5	8.76	53.5	10.23	56.3	11.24	59.1	12.31	60.8	13.06	63.6	14.22
	23.9	49.5	7.76	53.5	9.05	56.3	9.93	59.1	10.87	60.8	11.53	63.6	12.55
	22.2	49.5	7.36	53.5	8.58	56.3	9.42	59.1	10.31	60.8	10.93	63.6	11.90
	21.1	49.5	7.11	53.5	8.29	56.3	9.10	59.1	9.95	60.8	10.56	63.6	11.49
	20.0	49.5	6.87	53.5	8.00	56.3	8.78	59.1	9.61	60.8	10.19	63.6	11.09
	18.3	49.5	6.69	53.5	7.79	56.3	8.55	59.1	9.36	60.8	9.92	63.6	10.79
	16.7	49.5	6.55	53.5	7.62	56.3	8.36	59.1	9.14	60.8	9.70	63.6	10.55
	14.4	49.5	6.37	53.5	7.41	56.3	8.13	59.1	8.89	60.8	9.42	63.6	10.25
	12.2	49.5	6.23	53.5	7.24	56.3	7.94	59.1	8.69	60.8	9.21	63.6	10.01
	10.0	49.5	6.08	53.5	7.07	56.3	7.75	59.1	8.48	60.8	8.98	63.6	9.77
	4.4	49.5	5.91	53.5	6.87	56.3	7.53	59.1	8.23	60.8	8.73	63.6	9.49
	-1.1	49.5	5.77	53.5	6.70	56.3	7.35	59.1	8.03	60.8	8.51	63.6	9.25
	-5.0	49.5	5.67	53.5	6.59	56.3	7.23	59.1	7.90	60.8	8.37	63.6	9.10
	-9.4	49.5	5.57	53.5	6.47	56.3	7.10	59.1	7.76	60.8	8.22	63.6	8.93
	-15.0	49.5	5.47	53.5	6.36	56.3	6.97	59.1	7.62	60.8	8.07	63.6	8.77
110	51.7	27.1	9.53	29.2	11.04	30.8	12.07	32.3	13.17	33.2	13.94	34.8	15.12
	50.0	30.1	10.08	32.6	11.69	34.3	12.81	36.0	13.99	37.0	14.81	38.7	16.09
	47.8	34.7	10.96	37.4	12.76	39.4	14.00	41.4	15.31	42.6	16.23	44.5	17.66
	46.1	38.6	11.77	41.7	13.74	43.9	14.99	46.1	16.53	47.4	17.54	49.6	19.10
	43.3	44.3	12.69	47.8	14.85	50.3	16.33	52.8	17.92	54.3	19.03	56.8	20.75
	41.1	46.1	12.30	49.8	14.39	52.4	15.83	55.0	17.37	56.6	18.44	59.2	20.11
	39.4	47.4	12.00	51.2	14.04	53.9	15.45	56.6	16.94	58.2	17.99	60.9	19.62
	37.2	49.0	11.60	52.9	13.58	55.7	14.94	58.5	16.39	60.2	17.40	62.9	18.98
	35.0	50.5	11.21	54.5	13.12	57.4	14.44	60.3	15.84	62.0	16.82	64.8	18.34
	33.9	50.5	10.80	54.5	12.63	57.4	13.89	60.3	15.23	62.0	16.18	64.8	17.63
	32.8	50.5	10.40	54.5	12.16	57.4	13.38	60.3	14.67	62.0	15.57	64.8	16.97
	30.6	50.5	9.68	54.5	11.31	57.4	12.43	60.3	13.62	62.0	14.46	64.8	15.75
	27.8	50.5	8.85	54.5	10.33	57.4	11.35	60.3	12.43	62.0	13.19	64.8	14.37
	23.9	50.5	7.84	54.5	9.14	57.4	10.03	60.3	10.99	62.0	11.65	64.8	12.68
	22.2	50.5	7.44	54.5	8.67	57.4	9.51	60.3	10.41	62.0	11.04	64.8	12.02
	21.1	50.5	7.19	54.5	8.37	57.4	9.19	60.3	10.06	62.0	10.66	64.8	11.60
	20.0	50.5	6.94	54.5	8.09	57.4	8.87	60.3	9.71	62.0	10.30	64.8	11.20
	18.3	50.5	6.76	54.5	7.87	57.4	8.64	60.3	9.45	62.0	10.02	64.8	10.90
	16.7	50.5	6.61	54.5	7.70	57.4	8.44	60.3	9.24	62.0	9.79	64.8	10.65
	14.4	50.5	6.43	54.5	7.49	57.4	8.21	60.3	8.98	62.0	9.52	64.8	10.35
	12.2	50.5	6.29	54.5	7.32	57.4	8.02	60.3	8.77	62.0	9.30	64.8	10.11
	10.0	50.5	6.14	54.5	7.14	57.4	7.83	60.3	8.56	62.0	9.08	64.8	9.87
	4.4	50.5	5.97	54.5	6.94	57.4	7.61	60.3	8.32	62.0	8.81	64.8	9.58
	-1.1	50.5	5.83	54.5	6.77	57.4	7.42	60.3	8.12	62.0	8.60	64.8	9.35
	-5.0	50.5	5.73	54.5	6.66	57.4	7.30	60.3	7.98	62.0	8.46	64.8	9.19
	-9.4	50.5	5.63	54.5	6.54	57.4	7.17	60.3	7.84	62.0	8.30	64.8	9.02
	-15.0	50.5	5.53	54.5	6.42	57.4	7.04	60.3	7.69	62.0	8.15	64.8	8.86
120	51.7	27.9	9.72	30.1	11.25	31.7	12.31	33.3	13.43	34.2	14.21	35.8	15.42
	50.0	31.0	10.28	33.5	11.92	35.3	13.06	37.0	14.26	38.1	15.10	39.8	16.41
	47.8	35.7	11.18	38.5	13.01	40.6	14.27	42.6	15.61	43.8	16.55	45.8	18.00
	46.1	39.7	12.01	42.9	14.01	45.2	15.29	47.4	16.86	48.8	17.89	51.0	19.48
	43.3	45.6	12.93	49.2	15.14	51.8	16.66	54.4	18.27	55.9	19.40	58.5	21.15
	41.1	47.4	12.54	51.2	14.67	53.9	16.14	56.6	17.71	58.2	18.81	60.9	20.50
	39.4	48.8	12.23	52.7	14.31	55.5	15.75	58.3	17.27	59.9	18.35	62.7	20.00
	37.2	50.5	11.83	54.5	13.85	57.4	15.23	60.2	16.71	61.9	17.75	64.8	19.35
	35.0	52.0	11.43	56.1	13.38	59.1	14.72	62.0	16.15	63.8	17.15	66.7	18.70
	33.9	52.0	11.01	56.1	12.88	59.1	14.16	62.0	15.53	63.8	16.49	66.7	17.98
	32.8	52.0	10.61	56.1	12.40	59.1	13.64	62.0	14.95	63.8	15.88	66.7	17.30
	30.6	52.0	9.87	56.1	11.53	59.1	12.67	62.0	13.89	63.8	14.74	66.7	16.06
	27.8	52.0	9.03	56.1	10.54	59.1	11.57	62.0	12.68	63.8	13.45	66.7	14.65
	23.9	52.0	7.99	56.1	9.32	59.1	10.23	62.0	11.20	63.8	11.88	66.7	12.93
	22.2	52.0	7.58	56.1	8.84	59.1	9.70	62.0	10.62	63.8	11.26	66.7	12.25
	21.1	52.0	7.33	56.1	8.54	59.1	9.37	62.0	10.25	63.8	10.87	66.7	11.83
	20.0	52.0	7.08	56.1	8.25	59.1	9.05	62.0	9.90	63.8	10.50	66.7	11.42
	18.3	52.0	6.89	56.1	8.03	59.1	8.81	62.0	9.64	63.8	10.22	66.7	11.12
	16.7	52.0	6.74	56.1	7.85	59.1	8.61	62.0	9.42	63.8	9.99	66.7	10.86
	14.4	52.0	6.56	56.1	7.63	59.1	8.37	62.0	9.16	63.8	9.71	66.7	10.56
	12.2	52.0	6.41	56.1	7.46	59.1	8.18	62.0	8.95	63.8	9.48	66.7	10.31
	10.0	52.0	6.26	56.1	7.28	59.1	7.98	62.0	8.73	63.8	9.25	66.7	10.06
	4.4	52.0	6.09	56.1	7.08	59.1	7.76	62.0	8.48	63.8	8.99	66.7	9.77
	-1.1	52.0	5.94	56.1	6.91	59.1	7.57	62.0	8.28	63.8	8.77	66.7	9.53
	-5.0	52.0	5.84	56.1	6.79	59.1	7.44	62.0	8.14	63.8	8.62	66.7	9.37
	-9.4	52.0	5.74	56.1	6.67	59.1	7.31	62.0	7.99	63.8	8.47	66.7	9.20
	-15.0	52.0	5.63	56.1	6.55	59.1	7.18	62.0	7.85	63.8	8.31	66.7	9.04
130	51.7	28.5	9.86	30.8	11.41	32.4	12.48	34.0	13.62	35.0	14.41	36.3	15.49
	50.0	31.8	10.42	34.3	12.09	36.1	13.24	37.9	14.46	39.0	15.32	40.4	16.48
	47.8	36.5	11.34	39.5	13.20	41.5	14.48	43.6	15.83	44.8	16.79	46.5	18.09
	46.1	40.7	12.18	43.9	14.21	46.2	15.50	48.5	17.10	49.9	18.14	51.7	19.57
	43.3	46.6	13.12	50.4	15.35	53.0	16.89	55.7	18.53	57.2	19.68	59.3	21.25
	41.1	48.6	12.72	52.5	14.88	55.2	16.37	58.0	17.96	59.6	19.07	61.8	20.60
	39.4	50.0	12.40	54.0	14.52	56.8	15.97	59.6	17.52	61.3	18.61	63.6	20.10
	37.2	51.7	12.00	55.8	14.04	58.7	15.45	61.7	16.95	63.4	18.00	65.7	19.44
	35.0	53.2	11.59	57.5	13.57	60.5	14.93	63.5	16.37	65.3	17.39	67.7	18.78
	33.9	53.2	11.16	57.5	13.06	60.5	14.36	63.5	15.75	65.3	16.73	67.7	18.06
	32.8	53.2	10.76	57.5	12.58	60.5	13.83	63.5	15.17	65.3	16.10	67.7	17.39
	30.6	53.2	10.01	57.5	11.69	60.5	12.85	63.5	14.09	65.3	14.95	67.7	16.14
	27.8	53.2	9.15	57.5	10.69	60.5	11.74	63.5	12.86	65.3	13.64	67.7	14.72
	23.9	53.2	8.11	57.5	9.45	60.5	10.38	63.5	11.36	65.3	12.05	67.7	12.99
	22.2	53.2	7.69	57.5	8.96	60.5	9.84	63.5	10.77	65.3	11.42	67.7	12.31
	21.1	53.2	7.43	57.5	8.66	60.5	9.50	63.5	10.40	65.3	11.03	67.7	11.89
	20.0	53.2	7.18	57.5	8.36	60.5	9.18	63.5	10.04	65.3	10.65	67.7	11.48
	18.3	53.2	6.99	57.5	8.14	60.5	8.93	63.5	9.77	65.3	10.36	67.7	11.17
	16.7	53.2	6.84	57.5	7.96	60.5	8.73	63.5	9.55	65.3	10.13	67.7	10.91
	14.4	53.2	6.65	57.5	7.74	60.5	8.49	63.5	9.29	65.3	9.85	67.7	10.61
	12.2	53.2	6.50	57.5	7.57	60.5	8.30	63.5	9.07	65.3	9.62	67.7	10.36
	10.0	53.2	6.35	57.5	7.39	60.5	8.10	63.5	8.86	65.3	9.39	67.7	10.11
	4.4	53.2	6.17	57.5	7.18	60.5	7.87	63.5	8.60	65.3	9.12	67.7	9.82
	-1.1	53.2	6.03	57.5	7.00	60.5	7.68	63.5	8.39	65.3	8.89	67.7	9.58
	-5.0	53.2	5.93	57.5	6.89	60.5	7.55	63.5	8.25	65.3	8.75	67.7	9.42
	-9.4	53.2	5.82	57.5	6.76	60.5	7.41	63.5	8.10	65.3	8.59	67.7	9.25
	-15.0	53.2	5.71	57.5	6.64	60.5	7.28	63.5	7.96	65.3	8.43	67.7	9.08

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	23.9	8.16	25.8	9.44	27.1	10.33	28.5	11.27	29.3	11.92	30.7	12.94
	50.0	26.6	8.62	28.7	10.01	30.2	10.96	31.7	11.97	32.6	12.67	34.2	13.77
	47.8	30.6	9.38	33.0	10.92	34.8	11.98	36.5	13.10	37.5	13.89	39.3	15.11
	46.1	34.0	10.07	36.8	11.76	38.7	12.83	40.6	14.15	41.8	15.01	43.7	16.34
	43.3	39.0	10.85	42.2	12.70	44.4	13.98	46.6	15.33	47.9	16.28	50.1	17.75
	41.1	40.7	10.52	43.9	12.31	46.2	13.55	48.5	14.86	49.9	15.78	52.2	17.20
	39.4	41.8	10.26	45.2	12.01	47.6	13.21	49.9	14.50	51.3	15.39	53.7	16.78
	37.2	43.2	9.93	46.7	11.62	49.2	12.78	51.6	14.02	53.1	14.89	55.5	16.24
	35.0	44.6	9.59	48.1	11.23	50.6	12.35	53.2	13.55	54.7	14.39	57.2	15.69
	33.9	44.6	9.24	48.1	10.80	50.6	11.88	53.2	13.03	54.7	13.84	57.2	15.09
	32.8	44.6	8.90	48.1	10.41	50.6	11.44	53.2	12.55	54.7	13.32	57.2	14.52
	30.6	44.6	8.28	48.1	9.67	50.6	10.63	53.2	11.65	54.7	12.37	57.2	13.48
	27.8	44.6	7.57	48.1	8.84	50.6	9.71	53.2	10.64	54.7	11.29	57.2	12.29
	23.9	44.6	6.71	48.1	7.82	50.6	8.59	53.2	9.40	54.7	9.97	57.2	10.85
	22.2	44.6	6.36	48.1	7.41	50.6	8.14	53.2	8.91	54.7	9.45	57.2	10.28
	21.1	44.6	6.15	48.1	7.16	50.6	7.86	53.2	8.60	54.7	9.12	57.2	9.93
	20.0	44.6	5.94	48.1	6.92	50.6	7.59	53.2	8.31	54.7	8.81	57.2	9.59
	18.3	44.6	5.78	48.1	6.74	50.6	7.39	53.2	8.09	54.7	8.57	57.2	9.33
	16.7	44.6	5.66	48.1	6.59	50.6	7.23	53.2	7.90	54.7	8.38	57.2	9.11
	14.4	44.6	5.50	48.1	6.41	50.6	7.03	53.2	7.68	54.7	8.15	57.2	8.86
	12.2	44.6	5.38	48.1	6.26	50.6	6.86	53.2	7.51	54.7	7.96	57.2	8.65
	10.0	44.6	5.25	48.1	6.11	50.6	6.70	53.2	7.33	54.7	7.77	57.2	8.44
	4.4	44.6	5.11	48.1	5.94	50.6	6.51	53.2	7.12	54.7	7.54	57.2	8.20
	-1.1	44.6	4.99	48.1	5.79	50.6	6.35	53.2	6.94	54.7	7.36	57.2	8.00
	-5.0	44.6	4.90	48.1	5.70	50.6	6.25	53.2	6.83	54.7	7.24	57.2	7.86
	-9.4	44.6	4.81	48.1	5.60	50.6	6.13	53.2	6.70	54.7	7.10	57.2	7.72
	-15.0	44.6	4.73	48.1	5.49	50.6	6.02	53.2	6.58	54.7	6.98	57.2	7.58
80	51.7	21.2	6.97	22.9	8.07	24.1	8.83	25.3	9.63	26.1	10.20	27.3	11.06
	50.0	23.6	7.37	25.5	8.55	26.9	9.37	28.2	10.23	29.0	10.84	30.4	11.77
	47.8	27.2	8.02	29.4	9.33	30.9	10.24	32.5	11.20	33.4	11.87	34.9	12.92
	46.1	30.3	8.61	32.7	10.05	34.4	10.97	36.1	12.09	37.1	12.83	38.9	13.97
	43.3	34.7	9.28	37.5	10.86	39.5	11.95	41.4	13.11	42.6	13.92	44.6	15.18
	41.1	36.1	8.99	39.0	10.53	41.1	11.58	43.1	12.70	44.4	13.49	46.4	14.71
	39.4	37.2	8.77	40.2	10.27	42.3	11.30	44.4	12.39	45.6	13.16	47.8	14.35
	37.2	38.4	8.49	41.5	9.93	43.7	10.93	45.9	11.99	47.2	12.73	49.4	13.88
	35.0	39.6	8.20	42.8	9.60	45.0	10.56	47.3	11.58	48.6	12.30	50.9	13.41
	33.9	39.6	7.90	42.8	9.24	45.0	10.16	47.3	11.14	48.6	11.83	50.9	12.90
	32.8	39.6	7.61	42.8	8.90	45.0	9.79	47.3	10.73	48.6	11.39	50.9	12.41
	30.6	39.6	7.08	42.8	8.27	45.0	9.09	47.3	9.96	48.6	10.58	50.9	11.52
	27.8	39.6	6.48	42.8	7.56	45.0	8.30	47.3	9.10	48.6	9.65	50.9	10.51
	23.9	39.6	5.73	42.8	6.69	45.0	7.34	47.3	8.04	48.6	8.52	50.9	9.28
	22.2	39.6	5.44	42.8	6.34	45.0	6.96	47.3	7.62	48.6	8.08	50.9	8.79
	21.1	39.6	5.26	42.8	6.12	45.0	6.72	47.3	7.36	48.6	7.80	50.9	8.49
	20.0	39.6	5.08	42.8	5.92	45.0	6.49	47.3	7.10	48.6	7.53	50.9	8.20
	18.3	39.6	4.95	42.8	5.76	45.0	6.32	47.3	6.91	48.6	7.33	50.9	7.97
	16.7	39.6	4.84	42.8	5.63	45.0	6.18	47.3	6.76	48.6	7.16	50.9	7.79
	14.4	39.6	4.71	42.8	5.48	45.0	6.01	47.3	6.57	48.6	6.96	50.9	7.57
	12.2	39.6	4.60	42.8	5.35	45.0	5.87	47.3	6.42	48.6	6.80	50.9	7.40
	10.0	39.6	4.49	42.8	5.22	45.0	5.73	47.3	6.26	48.6	6.64	50.9	7.22
	4.4	39.6	4.37	42.8	5.08	45.0	5.57	47.3	6.08	48.6	6.45	50.9	7.01
	-1.1	39.6	4.26	42.8	4.95	45.0	5.43	47.3	5.94	48.6	6.29	50.9	6.84
	-5.0	39.6	4.19	42.8	4.87	45.0	5.34	47.3	5.84	48.6	6.19	50.9	6.72
	-9.4	39.6	4.12	42.8	4.78	45.0	5.24	47.3	5.73	48.6	6.07	50.9	6.60
	-15.0	39.6	4.04	42.8	4.70	45.0	5.15	47.3	5.63	48.6	5.96	50.9	6.48
70	51.7	18.6	5.88	20.1	6.81	21.1	7.44	22.2	8.12	22.8	8.59	23.9	9.32
	50.0	20.7	6.21	22.3	7.21	23.5	7.90	24.7	8.62	25.4	9.13	26.6	9.92
	47.8	23.8	6.76	25.7	7.87	27.0	8.63	28.4	9.44	29.2	10.01	30.6	10.89
	46.1	26.5	7.26	28.6	8.47	30.1	9.24	31.6	10.19	32.5	10.82	34.0	11.78
	43.3	30.4	7.82	32.8	9.15	34.5	10.07	36.3	11.05	37.3	11.73	39.0	12.79
	41.1	31.6	7.58	34.2	8.87	36.0	9.76	37.8	10.71	38.8	11.37	40.6	12.40
	39.4	32.5	7.40	35.1	8.66	37.0	9.52	38.8	10.45	39.9	11.09	41.8	12.09
	37.2	33.6	7.15	36.3	8.37	38.2	9.21	40.1	10.10	41.3	10.73	43.2	11.70
	35.0	34.7	6.91	37.4	8.09	39.4	8.90	41.4	9.76	42.5	10.37	44.5	11.30
	33.9	34.7	6.66	37.4	7.79	39.4	8.56	41.4	9.39	42.5	9.97	44.5	10.87
	32.8	34.7	6.41	37.4	7.50	39.4	8.25	41.4	9.04	42.5	9.60	44.5	10.46
	30.6	34.7	5.97	37.4	6.97	39.4	7.66	41.4	8.40	42.5	8.91	44.5	9.71
	27.8	34.7	5.46	37.4	6.37	39.4	7.00	41.4	7.67	42.5	8.13	44.5	8.86
	23.9	34.7	4.83	37.4	5.64	39.4	6.19	41.4	6.77	42.5	7.18	44.5	7.82
	22.2	34.7	4.58	37.4	5.34	39.4	5.87	41.4	6.42	42.5	6.81	44.5	7.41
	21.1	34.7	4.43	37.4	5.16	39.4	5.67	41.4	6.20	42.5	6.57	44.5	7.15
	20.0	34.7	4.28	37.4	4.99	39.4	5.47	41.4	5.99	42.5	6.35	44.5	6.91
	18.3	34.7	4.17	37.4	4.85	39.4	5.33	41.4	5.83	42.5	6.18	44.5	6.72
	16.7	34.7	4.08	37.4	4.75	39.4	5.21	41.4	5.70	42.5	6.04	44.5	6.57
	14.4	34.7	3.97	37.4	4.62	39.4	5.06	41.4	5.54	42.5	5.87	44.5	6.38
	12.2	34.7	3.88	37.4	4.51	39.4	4.95	41.4	5.41	42.5	5.73	44.5	6.24
	10.0	34.7	3.79	37.4	4.40	39.4	4.83	41.4	5.28	42.5	5.60	44.5	6.08
	4.4	34.7	3.68	37.4	4.28	39.4	4.69	41.4	5.13	42.5	5.43	44.5	5.91
	-1.1	34.7	3.59	37.4	4.18	39.4	4.58	41.4	5.00	42.5	5.30	44.5	5.76
	-5.0	34.7	3.53	37.4	4.11	39.4	4.50	41.4	4.92	42.5	5.21	44.5	5.67
	-9.4	34.7	3.47	37.4	4.03	39.4	4.42	41.4	4.83	42.5	5.12	44.5	5.56
	-15.0	34.7	3.41	37.4	3.96	39.4	4.34	41.4	4.74	42.5	5.03	44.5	5.46

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~15°C, the data is shown as reference.
3.Actual results may vary according to the

COOLING (°C)

MMY-UP240H1FT6PUL/MMY-UP240H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	33.2	13.57	35.8	15.41	37.7	16.67	39.6	17.99	40.7	18.90	42.6	20.29
	50.0	37.0	14.18	39.9	16.13	42.0	17.46	44.1	18.86	45.4	19.83	47.5	21.31
	47.8	42.5	15.16	45.9	17.29	48.3	18.74	50.7	20.26	52.2	21.33	54.6	22.94
	46.1	47.3	16.05	51.1	18.33	53.8	19.80	56.4	21.53	58.1	22.68	60.7	24.42
	43.3	54.3	16.99	58.6	19.45	61.7	21.13	64.7	22.90	66.6	24.13	69.7	26.01
	41.1	56.5	16.47	61.0	18.85	64.2	20.48	67.4	22.19	69.3	23.39	72.5	25.21
	39.4	58.1	16.07	62.7	18.39	66.0	19.98	69.4	21.65	71.3	22.82	74.6	24.59
	37.2	60.1	15.54	64.9	17.79	68.3	19.33	71.7	20.94	73.7	22.07	77.1	23.79
	35.0	61.9	15.01	66.8	17.18	70.3	18.67	73.9	20.23	76.0	21.32	79.5	22.98
	33.9	61.9	14.50	66.8	16.59	70.3	18.02	73.9	19.53	76.0	20.58	79.5	22.17
	32.8	61.9	14.02	66.8	16.03	70.3	17.41	73.9	18.86	76.0	19.87	79.5	21.41
	30.6	61.9	13.11	66.8	14.98	70.3	16.27	73.9	17.62	76.0	18.56	79.5	19.99
	27.8	61.9	12.06	66.8	13.77	70.3	14.95	73.9	16.18	76.0	17.04	79.5	18.35
	23.9	61.9	10.75	66.8	12.27	70.3	13.31	73.9	14.40	76.0	15.16	79.5	16.31
	22.2	61.9	10.22	66.8	11.66	70.3	12.65	73.9	13.68	76.0	14.40	79.5	15.50
	21.1	61.9	9.89	66.8	11.28	70.3	12.23	73.9	13.23	76.0	13.93	79.5	14.99
	20.0	61.9	9.57	66.8	10.91	70.3	11.83	73.9	12.80	76.0	13.47	79.5	14.49
	18.3	61.9	9.33	66.8	10.64	70.3	11.54	73.9	12.48	76.0	13.13	79.5	14.13
	16.7	61.9	9.14	66.8	10.42	70.3	11.30	73.9	12.22	76.0	12.86	79.5	13.83
	14.4	61.9	8.91	66.8	10.16	70.3	11.01	73.9	11.90	76.0	12.53	79.5	13.47
	12.2	61.9	8.73	66.8	9.94	70.3	10.78	73.9	11.65	76.0	12.26	79.5	13.18
	10.0	61.9	8.53	66.8	9.72	70.3	10.53	73.9	11.38	76.0	11.98	79.5	12.88
	4.4	61.9	8.31	66.8	9.47	70.3	10.26	73.9	11.09	76.0	11.66	79.5	12.54
	-1.1	61.9	8.12	66.8	9.25	70.3	10.02	73.9	10.83	76.0	11.39	79.5	12.25
	-5.0	61.9	7.99	66.8	9.10	70.3	9.86	73.9	10.66	76.0	11.21	79.5	12.05
	-9.4	61.9	7.85	66.8	8.94	70.3	9.68	73.9	10.47	76.0	11.01	79.5	11.84
	-15.0	61.9	7.71	66.8	8.78	70.3	9.51	73.9	10.28	76.0	10.81	79.5	11.62
110	51.7	33.8	13.71	36.5	15.56	38.5	16.84	40.4	18.17	41.5	19.10	43.5	20.50
	50.0	37.7	14.33	40.7	16.29	42.8	17.64	45.0	19.05	46.3	20.04	48.4	21.53
	47.8	43.4	15.32	46.8	17.46	49.3	18.93	51.7	20.47	53.2	21.54	55.7	23.17
	46.1	48.3	16.22	52.1	18.52	54.8	20.00	57.6	21.75	59.2	22.91	62.0	24.66
	43.3	55.3	17.17	59.7	19.65	62.9	21.35	66.0	23.13	67.9	24.38	71.1	26.27
	41.1	57.6	16.64	62.2	19.04	65.5	20.69	68.8	22.42	70.7	23.63	74.0	25.47
	39.4	59.3	16.23	64.0	18.58	67.4	20.18	70.7	21.87	72.8	23.05	76.1	24.84
	37.2	61.3	15.70	66.2	17.97	69.6	19.52	73.1	21.16	75.2	22.30	78.7	24.03
	35.0	63.1	15.17	68.2	17.36	71.7	18.86	75.3	20.44	77.5	21.54	81.1	23.22
	33.9	63.1	14.65	68.2	16.76	71.7	18.21	75.3	19.73	77.5	20.79	81.1	22.40
	32.8	63.1	14.16	68.2	16.19	71.7	17.59	75.3	19.05	77.5	20.07	81.1	21.63
	30.6	63.1	13.24	68.2	15.14	71.7	16.43	75.3	17.80	77.5	18.74	81.1	20.19
	27.8	63.1	12.18	68.2	13.91	71.7	15.10	75.3	16.35	77.5	17.21	81.1	18.53
	23.9	63.1	10.86	68.2	12.39	71.7	13.44	75.3	14.54	77.5	15.31	81.1	16.48
	22.2	63.1	10.32	68.2	11.78	71.7	12.77	75.3	13.82	77.5	14.55	81.1	15.66
	21.1	63.1	9.99	68.2	11.40	71.7	12.36	75.3	13.37	77.5	14.07	81.1	15.14
	20.0	63.1	9.66	68.2	11.02	71.7	11.95	75.3	12.93	77.5	13.61	81.1	14.64
	18.3	63.1	9.43	68.2	10.75	71.7	11.66	75.3	12.61	77.5	13.27	81.1	14.27
	16.7	63.1	9.24	68.2	10.53	71.7	11.41	75.3	12.34	77.5	12.99	81.1	13.97
	14.4	63.1	9.00	68.2	10.26	71.7	11.12	75.3	12.03	77.5	12.66	81.1	13.61
	12.2	63.1	8.81	68.2	10.04	71.7	10.89	75.3	11.77	77.5	12.38	81.1	13.32
	10.0	63.1	8.62	68.2	9.82	71.7	10.64	75.3	11.50	77.5	12.10	81.1	13.01
	4.4	63.1	8.40	68.2	9.56	71.7	10.36	75.3	11.20	77.5	11.78	81.1	12.67
	-1.1	63.1	8.21	68.2	9.34	71.7	10.12	75.3	10.94	77.5	11.51	81.1	12.38
	-5.0	63.1	8.07	68.2	9.19	71.7	9.96	75.3	10.77	77.5	11.33	81.1	12.18
	-9.4	63.1	7.93	68.2	9.03	71.7	9.78	75.3	10.57	77.5	11.12	81.1	11.96
	-15.0	63.1	7.79	68.2	8.87	71.7	9.61	75.3	10.38	77.5	10.92	81.1	11.74
120	51.7	34.8	13.97	37.6	15.87	39.6	17.17	41.6	18.53	42.8	19.47	44.7	20.90
	50.0	38.8	14.61	41.9	16.61	44.1	17.99	46.3	19.43	47.6	20.43	49.8	21.95
	47.8	44.6	15.62	48.2	17.81	50.7	19.30	53.2	20.87	54.8	21.97	57.3	23.63
	46.1	49.7	16.54	53.6	18.88	56.4	20.39	59.3	22.18	61.0	23.36	63.8	25.15
	43.3	57.0	17.50	61.5	20.03	64.7	21.76	68.0	23.59	69.9	24.86	73.2	26.79
	41.1	59.3	16.97	64.0	19.42	67.4	21.10	70.8	22.86	72.8	24.09	76.2	25.97
	39.4	61.0	16.55	65.9	18.94	69.4	20.58	72.8	22.30	74.9	23.50	78.4	25.33
	37.2	63.1	16.01	68.1	18.32	71.7	19.91	75.3	21.57	77.4	22.73	81.0	24.50
	35.0	65.0	15.47	70.2	17.70	73.9	19.23	77.5	20.84	79.8	21.96	83.5	23.67
	33.9	65.0	14.94	70.2	17.09	73.9	18.57	77.5	20.12	79.8	21.20	83.5	22.84
	32.8	65.0	14.44	70.2	16.51	73.9	17.93	77.5	19.43	79.8	20.47	83.5	22.05
	30.6	65.0	13.50	70.2	15.43	73.9	16.76	77.5	18.14	79.8	19.11	83.5	20.59
	27.8	65.0	12.42	70.2	14.19	73.9	15.40	77.5	16.67	79.8	17.55	83.5	18.90
	23.9	65.0	11.07	70.2	12.63	73.9	13.71	77.5	14.83	79.8	15.61	83.5	16.80
	22.2	65.0	10.53	70.2	12.01	73.9	13.03	77.5	14.09	79.8	14.83	83.5	15.96
	21.1	65.0	10.19	70.2	11.62	73.9	12.60	77.5	13.63	79.8	14.35	83.5	15.44
	20.0	65.0	9.85	70.2	11.24	73.9	12.19	77.5	13.18	79.8	13.87	83.5	14.93
	18.3	65.0	9.61	70.2	10.96	73.9	11.89	77.5	12.85	79.8	13.53	83.5	14.55
	16.7	65.0	9.42	70.2	10.74	73.9	11.64	77.5	12.59	79.8	13.25	83.5	14.25
	14.4	65.0	9.18	70.2	10.46	73.9	11.34	77.5	12.26	79.8	12.90	83.5	13.88
	12.2	65.0	8.99	70.2	10.24	73.9	11.10	77.5	12.00	79.8	12.63	83.5	13.58
	10.0	65.0	8.79	70.2	10.01	73.9	10.85	77.5	11.73	79.8	12.34	83.5	13.27
	4.4	65.0	8.56	70.2	9.75	73.9	10.57	77.5	11.42	79.8	12.01	83.5	12.92
	-1.1	65.0	8.37	70.2	9.53	73.9	10.32	77.5	11.16	79.8	11.74	83.5	12.62
	-5.0	65.0	8.23	70.2	9.38	73.9	10.16	77.5	10.98	79.8	11.55	83.5	12.41
	-9.4	65.0	8.09	70.2	9.21	73.9	9.97	77.5	10.78	79.8	11.34	83.5	12.19
	-15.0	65.0	7.94	70.2	9.04	73.9	9.80	77.5	10.59	79.8	11.14	83.5	11.97
130	51.7	35.7	14.17	38.5	16.09	40.5	17.41	42.6	18.79	43.8	19.75	45.4	21.00
	50.0	39.7	14.81	42.9	16.85	45.1	18.24	47.4	19.70	48.8	20.72	50.5	22.05
	47.8	45.7	15.84	49.3	18.06	51.9	19.58	54.5	21.17	56.1	22.28	58.1	23.74
	46.1	50.9	16.77	54.9	19.15	57.8	20.68	60.7	22.50	62.4	23.69	64.7	25.27
	43.3	58.3	17.75	63.0	20.32	66.3	22.07	69.6	23.92	71.6	25.21	74.2	26.92
	41.1	60.7	17.21	65.6	19.69	69.0	21.40	72.5	23.19	74.5	24.44	77.3	26.09
	39.4	62.5	16.79	67.5	19.21	71.0	20.87	74.6	22.62	76.7	23.84	79.5	25.45
	37.2	64.6	16.24	69.7	18.58	73.4	20.19	77.1	21.88	79.3	23.06	82.2	24.62
	35.0	66.5	15.68	71.8	17.95	75.6	19.50	79.4	21.14	81.7	22.27	84.7	23.78
	33.9	66.5	15.15	71.8	17.33	75.6	18.83	79.4	20.40	81.7	21.50	84.7	22.95
	32.8	66.5	14.64	71.8	16.75	75.6	18.19	79.4	19.70	81.7	20.76	84.7	22.16
	30.6	66.5	13.69	71.8	15.65	75.6	16.99	79.4	18.40	81.7	19.38	84.7	20.68
	27.8	66.5	12.60	71.8	14.39	75.6	15.62	79.4	16.90	81.7	17.80	84.7	18.99
	23.9	66.5	11.23	71.8	12.81	75.6	13.90	79.4	15.04	81.7	15.83	84.7	16.88
	22.2	66.5	10.68	71.8	12.18	75.6	13.21	79.4	14.29	81.7	15.04	84.7	16.04
	21.1	66.5	10.33	71.8	11.78	75.6	12.78	79.4	13.82	81.7	14.55	84.7	15.51
	20.0	66.5	9.99	71.8	11.40	75.6	12.36	79.4	13.37	81.7	14.07	84.7	15.00
	18.3	66.5	9.75	71.8	11.12	75.6	12.05	79.4	13.04	81.7	13.72	84.7	14.62
	16.7	66.5	9.55	71.8	10.89	75.6	11.80	79.4	12.76	81.7	13.43	84.7	14.32
	14.4	66.5	9.31	71.8	10.61	75.6	11.50	79.4	12.44	81.7	13.09	84.7	13.94
	12.2	66.5	9.11	71.8	10.39	75.6	11.26	79.4	12.17	81.7	12.81	84.7	13.64
	10.0	66.5	8.91	71.8	10.15	75.6	11.00	79.4	11.89	81.7	12.51	84.7	13.33
	4.4	66.5	8.68	71.8	9.89	75.6	10.72	79.4	11.58	81.7	12.18	84.7	12.98
	-1.1	66.5	8.49	71.8	9.66	75.6	10.47	79.4	11.32	81.7	11.90	84.7	12.68
	-5.0	66.5	8.35	71.8	9.51	75.6	10.30	79.4	11.13	81.7	11.71	84.7	12.47
	-9.4	66.5	8.20	71.8	9.34	75.6	10.12	79.4	10.93	81.7	11.50	84.7	12.25
	-15.0	66.5	8.05	71.8	9.17	75.6	9.94	79.4	10.74	81.7	11.30	84.7	12.03

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	29.9	11.73	32.2	13.32	33.9	14.40	35.6	15.54	36.6	16.34	38.3	17.54
	50.0	33.3	12.26	35.9	13.94	37.8	15.09	39.7	16.30	40.8	17.14	42.7	18.42
	47.8	38.3	13.11	41.3	14.94	43.5	16.20	45.6	17.51	46.9	18.43	49.1	19.83
	46.1	42.6	13.88	46.0	15.85	48.4	17.11	50.8	18.61	52.2	19.60	54.7	21.10
	43.3	48.8	14.69	52.7	16.81	55.5	18.26	58.3	19.79	59.9	20.86	62.7	22.48
	41.1	50.8	14.24	54.9	16.29	57.8	17.70	60.7	19.18	62.4	20.22	65.3	21.79
	39.4	52.3	13.89	56.5	15.89	59.4	17.27	62.4	18.71	64.2	19.72	67.2	21.26
	37.2	54.1	13.43	58.4	15.37	61.4	16.70	64.5	18.10	66.4	19.08	69.4	20.56
	35.0	55.7	12.98	60.1	14.85	63.3	16.14	66.5	17.49	68.4	18.43	71.5	19.86
	33.9	55.7	12.53	60.1	14.34	63.3	15.58	66.5	16.88	68.4	17.79	71.5	19.17
	32.8	55.7	12.11	60.1	13.86	63.3	15.05	66.5	16.30	68.4	17.17	71.5	18.50
	30.6	55.7	11.33	60.1	12.95	63.3	14.06	66.5	15.22	68.4	16.04	71.5	17.27
	27.8	55.7	10.42	60.1	11.90	63.3	12.92	66.5	13.98	68.4	14.73	71.5	15.86
	23.9	55.7	9.29	60.1	10.60	63.3	11.50	66.5	12.44	68.4	13.10	71.5	14.10
	22.2	55.7	8.83	60.1	10.08	63.3	10.93	66.5	11.82	68.4	12.45	71.5	13.39
	21.1	55.7	8.55	60.1	9.75	63.3	10.57	66.5	11.44	68.4	12.04	71.5	12.95
	20.0	55.7	8.27	60.1	9.43	63.3	10.23	66.5	11.06	68.4	11.64	71.5	12.52
	18.3	55.7	8.07	60.1	9.20	63.3	9.97	66.5	10.79	68.4	11.35	71.5	12.21
	16.7	55.7	7.90	60.1	9.01	63.3	9.77	66.5	10.56	68.4	11.11	71.5	11.96
	14.4	55.7	7.70	60.1	8.78	63.3	9.52	66.5	10.29	68.4	10.83	71.5	11.65
	12.2	55.7	7.54	60.1	8.59	63.3	9.31	66.5	10.07	68.4	10.59	71.5	11.39
	10.0	55.7	7.37	60.1	8.40	63.3	9.10	66.5	9.84	68.4	10.35	71.5	11.13
	4.4	55.7	7.18	60.1	8.18	63.3	8.87	66.5	9.58	68.4	10.08	71.5	10.84
	-1.1	55.7	7.02	60.1	8.00	63.3	8.66	66.5	9.36	68.4	9.85	71.5	10.59
	-5.0	55.7	6.91	60.1	7.87	63.3	8.52	66.5	9.21	68.4	9.69	71.5	10.42
	-9.4	55.7	6.78	60.1	7.73	63.3	8.37	66.5	9.05	68.4	9.52	71.5	10.23
	-15.0	55.7	6.66	60.1	7.59	63.3	8.22	66.5	8.88	68.4	9.35	71.5	10.05
80	51.7	26.5	10.03	28.7	11.38	30.2	12.32	31.7	13.29	32.6	13.97	34.1	15.00
	50.0	29.6	10.48	31.9	11.92	33.6	12.90	35.3	13.94	36.3	14.66	38.0	15.75
	47.8	34.0	11.21	36.7	12.77	38.6	13.85	40.6	14.97	41.7	15.76	43.7	16.95
	46.1	37.8	11.86	40.9	13.55	43.0	14.63	45.2	15.91	46.4	16.76	48.6	18.04
	43.3	43.4	12.56	46.9	14.37	49.3	15.61	51.8	16.92	53.3	17.83	55.7	19.22
	41.1	45.2	12.17	48.8	13.93	51.4	15.14	53.9	16.40	55.5	17.29	58.0	18.63
	39.4	46.5	11.87	50.2	13.59	52.8	14.76	55.5	16.00	57.1	16.86	59.7	18.17
	37.2	48.1	11.48	51.9	13.14	54.6	14.28	57.4	15.48	59.0	16.31	61.7	17.58
	35.0	49.5	11.09	53.5	12.70	56.3	13.80	59.1	14.95	60.8	15.76	63.6	16.98
	33.9	49.5	10.72	53.5	12.26	56.3	13.32	59.1	14.43	60.8	15.21	63.6	16.39
	32.8	49.5	10.36	53.5	11.85	56.3	12.87	59.1	13.94	60.8	14.68	63.6	15.82
	30.6	49.5	9.69	53.5	11.07	56.3	12.02	59.1	13.02	60.8	13.71	63.6	14.77
	27.8	49.5	8.91	53.5	10.18	56.3	11.05	59.1	11.96	60.8	12.59	63.6	13.56
	23.9	49.5	7.94	53.5	9.06	56.3	9.83	59.1	10.64	60.8	11.20	63.6	12.05
	22.2	49.5	7.55	53.5	8.62	56.3	9.34	59.1	10.11	60.8	10.64	63.6	11.45
	21.1	49.5	7.31	53.5	8.34	56.3	9.04	59.1	9.78	60.8	10.29	63.6	11.08
	20.0	49.5	7.07	53.5	8.06	56.3	8.74	59.1	9.46	60.8	9.95	63.6	10.71
	18.3	49.5	6.90	53.5	7.86	56.3	8.53	59.1	9.22	60.8	9.71	63.6	10.44
	16.7	49.5	6.76	53.5	7.70	56.3	8.35	59.1	9.03	60.8	9.50	63.6	10.22
	14.4	49.5	6.59	53.5	7.51	56.3	8.14	59.1	8.80	60.8	9.26	63.6	9.96
	12.2	49.5	6.45	53.5	7.35	56.3	7.96	59.1	8.61	60.8	9.06	63.6	9.74
	10.0	49.5	6.30	53.5	7.18	56.3	7.78	59.1	8.41	60.8	8.85	63.6	9.52
	4.4	49.5	6.14	53.5	7.00	56.3	7.58	59.1	8.19	60.8	8.62	63.6	9.27
	-1.1	49.5	6.00	53.5	6.84	56.3	7.41	59.1	8.00	60.8	8.42	63.6	9.05
	-5.0	49.5	5.91	53.5	6.73	56.3	7.29	59.1	7.88	60.8	8.28	63.6	8.91
	-9.4	49.5	5.80	53.5	6.61	56.3	7.16	59.1	7.73	60.8	8.14	63.6	8.75
	-15.0	49.5	5.70	53.5	6.49	56.3	7.03	59.1	7.60	60.8	7.99	63.6	8.59
70	51.7	23.2	8.45	25.1	9.60	26.4	10.38	27.7	11.20	28.5	11.77	29.8	12.64
	50.0	25.9	8.83	27.9	10.05	29.4	10.88	30.9	11.75	31.7	12.35	33.2	13.27
	47.8	29.8	9.45	32.1	10.77	33.8	11.67	35.5	12.62	36.5	13.28	38.2	14.29
	46.1	33.1	10.00	35.7	11.42	37.6	12.33	39.5	13.41	40.6	14.12	42.5	15.21
	43.3	38.0	10.58	41.0	12.11	43.2	13.16	45.3	14.26	46.6	15.03	48.8	16.20
	41.1	39.5	10.26	42.7	11.74	44.9	12.76	47.2	13.82	48.5	14.57	50.8	15.70
	39.4	40.7	10.01	43.9	11.45	46.2	12.44	48.5	13.49	49.9	14.21	52.2	15.32
	37.2	42.1	9.68	45.4	11.08	47.8	12.04	50.2	13.04	51.6	13.75	54.0	14.82
	35.0	43.3	9.35	46.8	10.70	49.2	11.63	51.7	12.60	53.2	13.28	55.6	14.31
	33.9	43.3	9.03	46.8	10.33	49.2	11.23	51.7	12.16	53.2	12.82	55.6	13.81
	32.8	43.3	8.73	46.8	9.98	49.2	10.84	51.7	11.75	53.2	12.38	55.6	13.33
	30.6	43.3	8.17	46.8	9.33	49.2	10.13	51.7	10.97	53.2	11.56	55.6	12.45
	27.8	43.3	7.51	46.8	8.58	49.2	9.31	51.7	10.08	53.2	10.61	55.6	11.43
	23.9	43.3	6.69	46.8	7.64	49.2	8.29	51.7	8.97	53.2	9.44	55.6	10.16
	22.2	43.3	6.37	46.8	7.26	49.2	7.88	51.7	8.52	53.2	8.97	55.6	9.65
	21.1	43.3	6.16	46.8	7.03	49.2	7.62	51.7	8.24	53.2	8.68	55.6	9.33
	20.0	43.3	5.96	46.8	6.80	49.2	7.37	51.7	7.97	53.2	8.39	55.6	9.03
	18.3	43.3	5.81	46.8	6.63	49.2	7.19	51.7	7.77	53.2	8.18	55.6	8.80
	16.7	43.3	5.69	46.8	6.49	49.2	7.04	51.7	7.61	53.2	8.01	55.6	8.62
	14.4	43.3	5.55	46.8	6.33	49.2	6.86	51.7	7.41	53.2	7.80	55.6	8.39
	12.2	43.3	5.43	46.8	6.19	49.2	6.71	51.7	7.26	53.2	7.63	55.6	8.21
	10.0	43.3	5.31	46.8	6.05	49.2	6.56	51.7	7.09	53.2	7.46	55.6	8.02
	4.4	43.3	5.18	46.8	5.90	49.2	6.39	51.7	6.91	53.2	7.26	55.6	7.81
	-1.1	43.3	5.06	46.8	5.76	49.2	6.24	51.7	6.75	53.2	7.10	55.6	7.63
	-5.0	43.3	4.98	46.8	5.67	49.2	6.14	51.7	6.64	53.2	6.98	55.6	7.51
	-9.4	43.3	4.89	46.8	5.57	49.2	6.03	51.7	6.52	53.2	6.86	55.6	7.37
	-15.0	43.3	4.80	46.8	5.47	49.2	5.92	51.7	6.40	53.2	6.73	55.6	7.24

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1℃~51.7℃, the data is shown as reference.
2.For temperature 14.4℃~-15℃, the data is shown as reference.
3.Actual results may vary according to

COOLING (°C)

MMY-UP288H1FT6PUL/MMY-UP288H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	39.8	16.19	43.0	18.47	45.2	20.04	47.5	21.70	48.9	22.86	51.1	24.64
	50.0	44.3	16.97	47.9	19.40	50.4	21.08	52.9	22.86	54.4	24.10	56.9	26.00
	47.8	51.0	18.23	55.1	20.92	58.0	22.77	60.9	24.74	62.6	26.11	65.5	28.22
	46.1	56.8	19.38	61.3	22.31	64.5	24.22	67.7	26.46	69.7	27.95	72.9	30.25
	43.3	65.1	20.64	70.3	23.84	74.0	26.04	77.7	28.37	79.9	30.01	83.6	32.52
	41.1	67.8	20.01	73.2	23.11	77.0	25.24	80.9	27.50	83.2	29.09	87.0	31.52
	39.4	69.7	19.52	75.3	22.54	79.3	24.62	83.2	26.83	85.6	28.37	89.6	30.75
	37.2	72.1	18.88	77.8	21.80	81.9	23.82	86.0	25.95	88.5	27.45	92.6	29.74
	35.0	74.3	18.24	80.2	21.06	84.4	23.01	88.6	25.07	91.1	26.52	95.4	28.74
	33.9	74.3	17.60	80.2	20.31	84.4	22.18	88.6	24.16	91.1	25.55	95.4	27.68
	32.8	74.3	16.99	80.2	19.60	84.4	21.40	88.6	23.30	91.1	24.64	95.4	26.69
	30.6	74.3	15.86	80.2	18.28	84.4	19.95	88.6	21.71	91.1	22.95	95.4	24.85
	27.8	74.3	14.56	80.2	16.77	84.4	18.28	88.6	19.89	91.1	21.01	95.4	22.74
	23.9	74.3	12.95	80.2	14.89	84.4	16.23	88.6	17.64	91.1	18.63	95.4	20.15
	22.2	74.3	12.31	80.2	14.14	84.4	15.41	88.6	16.75	91.1	17.68	95.4	19.12
	21.1	74.3	11.90	80.2	13.68	84.4	14.90	88.6	16.19	91.1	17.09	95.4	18.48
	20.0	74.3	11.51	80.2	13.22	84.4	14.40	88.6	15.65	91.1	16.52	95.4	17.86
	18.3	74.3	11.23	80.2	12.89	84.4	14.03	88.6	15.25	91.1	16.10	95.4	17.40
	16.7	74.3	10.99	80.2	12.61	84.4	13.73	88.6	14.92	91.1	15.75	95.4	17.02
	14.4	74.3	10.71	80.2	12.28	84.4	13.37	88.6	14.52	91.1	15.33	95.4	16.56
	12.2	74.3	10.48	80.2	12.02	84.4	13.08	88.6	14.20	91.1	14.99	95.4	16.19
	10.0	74.3	10.24	80.2	11.74	84.4	12.78	88.6	13.87	91.1	14.64	95.4	15.81
	4.4	74.3	9.97	80.2	11.43	84.4	12.43	88.6	13.50	91.1	14.24	95.4	15.38
	-1.1	74.3	9.74	80.2	11.16	84.4	12.14	88.6	13.18	91.1	13.90	95.4	15.01
	-5.0	74.3	9.58	80.2	10.98	84.4	11.94	88.6	12.96	91.1	13.68	95.4	14.77
	-9.4	74.3	9.41	80.2	10.78	84.4	11.73	88.6	12.73	91.1	13.43	95.4	14.50
	-15.0	74.3	9.24	80.2	10.59	84.4	11.52	88.6	12.50	91.1	13.19	95.4	14.24
110	51.7	40.6	16.36	43.8	18.66	46.1	20.25	48.5	21.93	49.8	23.10	52.1	24.89
	50.0	45.2	17.14	48.8	19.60	51.4	21.30	54.0	23.09	55.5	24.35	58.1	26.27
	47.8	52.0	18.41	56.2	21.13	59.1	23.01	62.1	24.99	63.8	26.38	66.8	28.50
	46.1	57.9	19.58	62.5	22.54	65.8	24.47	69.1	26.73	71.1	28.24	74.3	30.56
	43.3	66.4	20.86	71.7	24.08	75.5	26.30	79.2	28.66	81.5	30.31	85.3	32.85
	41.1	69.1	20.22	74.7	23.34	78.6	25.50	82.5	27.78	84.9	29.38	88.8	31.84
	39.4	71.1	19.72	76.8	22.77	80.8	24.87	84.9	27.10	87.3	28.66	91.3	31.06
	37.2	73.5	19.08	79.4	22.03	83.6	24.06	87.7	26.21	90.2	27.73	94.4	30.05
	35.0	75.8	18.43	81.8	21.28	86.1	23.25	90.4	25.33	93.0	26.79	97.3	29.03
	33.9	75.8	17.78	81.8	20.52	86.1	22.41	90.4	24.41	93.0	25.81	97.3	27.97
	32.8	75.8	17.17	81.8	19.80	86.1	21.62	90.4	23.54	93.0	24.89	97.3	26.96
	30.6	75.8	16.03	81.8	18.47	86.1	20.15	90.4	21.93	93.0	23.18	97.3	25.10
	27.8	75.8	14.71	81.8	16.94	86.1	18.47	90.4	20.09	93.0	21.23	97.3	22.97
	23.9	75.8	13.09	81.8	15.04	86.1	16.39	90.4	17.82	93.0	18.82	97.3	20.36
	22.2	75.8	12.43	81.8	14.29	86.1	15.57	90.4	16.92	93.0	17.87	97.3	19.32
	21.1	75.8	12.03	81.8	13.82	86.1	15.05	90.4	16.35	93.0	17.27	97.3	18.67
	20.0	75.8	11.63	81.8	13.36	86.1	14.55	90.4	15.81	93.0	16.69	97.3	18.04
	18.3	75.8	11.34	81.8	13.02	86.1	14.18	90.4	15.40	93.0	16.26	97.3	17.58
	16.7	75.8	11.10	81.8	12.74	86.1	13.87	90.4	15.07	93.0	15.91	97.3	17.19
	14.4	75.8	10.82	81.8	12.41	86.1	13.51	90.4	14.67	93.0	15.48	97.3	16.73
	12.2	75.8	10.58	81.8	12.14	86.1	13.21	90.4	14.35	93.0	15.14	97.3	16.36
	10.0	75.8	10.34	81.8	11.86	86.1	12.91	90.4	14.01	93.0	14.79	97.3	15.97
	4.4	75.8	10.07	81.8	11.54	86.1	12.56	90.4	13.63	93.0	14.38	97.3	15.53
	-1.1	75.8	9.84	81.8	11.28	86.1	12.27	90.4	13.31	93.0	14.04	97.3	15.17
	-5.0	75.8	9.68	81.8	11.09	86.1	12.07	90.4	13.10	93.0	13.81	97.3	14.92
	-9.4	75.8	9.51	81.8	10.89	86.1	11.85	90.4	12.86	93.0	13.57	97.3	14.65
	-15.0	75.8	9.34	81.8	10.70	86.1	11.64	90.4	12.63	93.0	13.32	97.3	14.39
120	51.7	41.8	16.68	45.1	19.03	47.5	20.65	49.9	22.36	51.3	23.55	53.7	25.38
	50.0	46.6	17.48	50.3	19.99	52.9	21.72	55.6	23.55	57.1	24.83	59.8	26.78
	47.8	53.5	18.77	57.8	21.55	60.9	23.46	63.9	25.48	65.7	26.89	68.8	29.06
	46.1	59.6	19.97	64.3	22.98	67.7	24.95	71.1	27.25	73.1	28.79	76.5	31.16
	43.3	68.4	21.27	73.8	24.55	77.7	26.82	81.6	29.22	83.9	30.91	87.8	33.50
	41.1	71.2	20.61	76.9	23.80	80.9	26.00	84.9	28.33	87.4	29.96	91.4	32.47
	39.4	73.2	20.11	79.1	23.22	83.2	25.36	87.4	27.63	89.9	29.23	94.0	31.67
	37.2	75.7	19.45	81.7	22.46	86.0	24.53	90.3	26.73	92.9	28.27	97.2	30.64
	35.0	78.0	18.79	84.2	21.70	88.6	23.70	93.1	25.83	95.7	27.31	100.1	29.60
	33.9	78.0	18.13	84.2	20.92	88.6	22.85	93.1	24.89	95.7	26.32	100.1	28.52
	32.8	78.0	17.50	84.2	20.19	88.6	22.04	93.1	24.00	95.7	25.38	100.1	27.49
	30.6	78.0	16.34	84.2	18.83	88.6	20.55	93.1	22.36	95.7	23.64	100.1	25.59
	27.8	78.0	15.00	84.2	17.27	88.6	18.83	93.1	20.49	95.7	21.65	100.1	23.43
	23.9	78.0	13.34	84.2	15.34	88.6	16.72	93.1	18.17	95.7	19.19	100.1	20.76
	22.2	78.0	12.68	84.2	14.57	88.6	15.87	93.1	17.25	95.7	18.22	100.1	19.70
	21.1	78.0	12.26	84.2	14.09	88.6	15.34	93.1	16.68	95.7	17.61	100.1	19.04
	20.0	78.0	11.86	84.2	13.62	88.6	14.83	93.1	16.12	95.7	17.02	100.1	18.40
	18.3	78.0	11.56	84.2	13.28	88.6	14.46	93.1	15.71	95.7	16.58	100.1	17.92
	16.7	78.0	11.32	84.2	12.99	88.6	14.15	93.1	15.37	95.7	16.22	100.1	17.53
	14.4	78.0	11.03	84.2	12.65	88.6	13.77	93.1	14.96	95.7	15.79	100.1	17.06
	12.2	78.0	10.79	84.2	12.38	88.6	13.47	93.1	14.63	95.7	15.44	100.1	16.68
	10.0	78.0	10.55	84.2	12.09	88.6	13.16	93.1	14.29	95.7	15.08	100.1	16.29
	4.4	78.0	10.27	84.2	11.77	88.6	12.81	93.1	13.90	95.7	14.67	100.1	15.84
	-1.1	78.0	10.03	84.2	11.50	88.6	12.51	93.1	13.57	95.7	14.32	100.1	15.46
	-5.0	78.0	9.87	84.2	11.31	88.6	12.30	93.1	13.35	95.7	14.09	100.1	15.21
	-9.4	78.0	9.70	84.2	11.11	88.6	12.08	93.1	13.11	95.7	13.83	100.1	14.94
	-15.0	78.0	9.52	84.2	10.91	88.6	11.87	93.1	12.88	95.7	13.58	100.1	14.67
130	51.7	42.8	16.92	46.2	19.30	48.6	20.94	51.1	22.67	52.5	23.88	54.4	25.50
	50.0	47.7	17.72	51.5	20.27	54.2	22.03	56.9	23.88	58.5	25.18	60.6	26.91
	47.8	54.8	19.04	59.2	21.85	62.3	23.79	65.4	25.84	67.3	27.27	69.7	29.20
	46.1	61.0	20.25	65.9	23.30	69.3	25.31	72.8	27.64	74.9	29.20	77.6	31.31
	43.3	70.0	21.57	75.6	24.90	79.5	27.20	83.5	29.64	85.9	31.35	89.0	33.66
	41.1	72.9	20.91	78.7	24.14	82.8	26.37	87.0	28.73	89.4	30.39	92.7	32.62
	39.4	75.0	20.39	80.9	23.55	85.2	25.72	89.5	28.03	92.0	29.64	95.4	31.83
	37.2	77.5	19.73	83.7	22.78	88.1	24.88	92.5	27.11	95.1	28.67	98.6	30.78
	35.0	79.8	19.06	86.2	22.01	90.7	24.04	95.3	26.19	98.0	27.70	101.6	29.74
	33.9	79.8	18.39	86.2	21.22	90.7	23.17	95.3	25.24	98.0	26.69	101.6	28.65
	32.8	79.8	17.75	86.2	20.48	90.7	22.35	95.3	24.34	98.0	25.74	101.6	27.62
	30.6	79.8	16.57	86.2	19.10	90.7	20.84	95.3	22.68	98.0	23.97	101.6	25.71
	27.8	79.8	15.22	86.2	17.51	90.7	19.10	95.3	20.78	98.0	21.95	101.6	23.54
	23.9	79.8	13.53	86.2	15.56	90.7	16.95	95.3	18.43	98.0	19.47	101.6	20.86
	22.2	79.8	12.86	86.2	14.77	90.7	16.10	95.3	17.50	98.0	18.47	101.6	19.79
	21.1	79.8	12.44	86.2	14.29	90.7	15.56	95.3	16.91	98.0	17.86	101.6	19.13
	20.0	79.8	12.02	86.2	13.81	90.7	15.04	95.3	16.35	98.0	17.26	101.6	18.48
	18.3	79.8	11.73	86.2	13.46	90.7	14.66	95.3	15.93	98.0	16.81	101.6	18.01
	16.7	79.8	11.48	86.2	13.18	90.7	14.35	95.3	15.58	98.0	16.45	101.6	17.61
	14.4	79.8	11.19	86.2	12.83	90.7	13.97	95.3	15.17	98.0	16.01	101.6	17.14
	12.2	79.8	10.95	86.2	12.55	90.7	13.66	95.3	14.84	98.0	15.66	101.6	16.76
	10.0	79.8	10.70	86.2	12.27	90.7	13.35	95.3	14.49	98.0	15.29	101.6	16.37
	4.4	79.8	10.42	86.2	11.94	90.7	12.99	95.3	14.10	98.0	14.87	101.6	15.92
	-1.1	79.8	10.18	86.2	11.66	90.7	12.68	95.3	13.77	98.0	14.52	101.6	15.54
	-5.0	79.8	10.01	86.2	11.47	90.7	12.48	95.3	13.54	98.0	14.29	101.6	15.28
	-9.4	79.8	9.83	86.2	11.27	90.7	12.25	95.3	13.30	98.0	14.03	101.6	15.01
	-15.0	79.8	9.66	86.2	11.06	90.7	12.03	95.3	13.06	98.0	13.78	101.6	14.74

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	35.8	14.00	38.7	15.96	40.7	17.32	42.8	18.76	44.0	19.76	46.0	21.29
	50.0	39.9	14.66	43.1	16.77	45.4	18.22	47.6	19.76	49.0	20.83	51.2	22.47
	47.8	45.9	15.75	49.6	18.08	52.2	19.68	54.8	21.38	56.3	22.57	58.9	24.39
	46.1	51.1	16.75	55.2	19.28	58.1	20.94	61.0	22.87	62.7	24.16	65.6	26.15
	43.3	58.6	17.84	63.3	20.60	66.6	22.51	69.9	24.52	71.9	25.94	75.2	28.11
	41.1	61.0	17.30	65.9	19.97	69.3	21.82	72.8	23.77	74.9	25.14	78.3	27.24
	39.4	62.8	16.87	67.8	19.48	71.3	21.28	74.9	23.19	77.0	24.52	80.6	26.58
	37.2	64.9	16.32	70.0	18.84	73.7	20.58	77.4	22.43	79.6	23.72	83.3	25.71
	35.0	66.8	15.77	72.2	18.21	76.0	19.89	79.8	21.67	82.0	22.92	85.8	24.84
	33.9	66.8	15.21	72.2	17.56	76.0	19.17	79.8	20.88	82.0	22.08	85.8	23.93
	32.8	66.8	14.69	72.2	16.94	76.0	18.49	79.8	20.14	82.0	21.29	85.8	23.07
	30.6	66.8	13.71	72.2	15.80	76.0	17.24	79.8	18.76	82.0	19.83	85.8	21.47
	27.8	66.8	12.59	72.2	14.49	76.0	15.80	79.8	17.19	82.0	18.16	85.8	19.66
	23.9	66.8	11.20	72.2	12.87	76.0	14.03	79.8	15.25	82.0	16.11	85.8	17.42
	22.2	66.8	10.64	72.2	12.22	76.0	13.32	79.8	14.48	82.0	15.29	85.8	16.53
	21.1	66.8	10.29	72.2	11.82	76.0	12.88	79.8	13.99	82.0	14.77	85.8	15.97
	20.0	66.8	9.95	72.2	11.43	76.0	12.45	79.8	13.52	82.0	14.28	85.8	15.44
	18.3	66.8	9.70	72.2	11.14	76.0	12.13	79.8	13.18	82.0	13.91	85.8	15.04
	16.7	66.8	9.50	72.2	10.90	76.0	11.87	79.8	12.89	82.0	13.61	85.8	14.71
	14.4	66.8	9.25	72.2	10.62	76.0	11.56	79.8	12.55	82.0	13.25	85.8	14.31
	12.2	66.8	9.06	72.2	10.39	76.0	11.30	79.8	12.28	82.0	12.95	85.8	14.00
	10.0	66.8	8.85	72.2	10.15	76.0	11.04	79.8	11.99	82.0	12.65	85.8	13.67
	4.4	66.8	8.62	72.2	9.88	76.0	10.75	79.8	11.66	82.0	12.31	85.8	13.29
	-1.1	66.8	8.42	72.2	9.65	76.0	10.49	79.8	11.39	82.0	12.02	85.8	12.98
	-5.0	66.8	8.28	72.2	9.49	76.0	10.32	79.8	11.20	82.0	11.82	85.8	12.76
	-9.4	66.8	8.14	72.2	9.32	76.0	10.14	79.8	11.00	82.0	11.61	85.8	12.53
	-15.0	66.8	7.99	72.2	9.15	76.0	9.96	79.8	10.80	82.0	11.40	85.8	12.31
80	51.7	31.8	11.97	34.4	13.65	36.2	14.81	38.0	16.04	39.1	16.89	40.9	18.21
	50.0	35.5	12.54	38.3	14.34	40.3	15.58	42.3	16.89	43.5	17.81	45.5	19.22
	47.8	40.8	13.47	44.0	15.46	46.4	16.83	48.7	18.28	50.1	19.29	52.4	20.85
	46.1	45.4	14.32	49.0	16.48	51.6	17.90	54.2	19.55	55.7	20.66	58.3	22.35
	43.3	52.1	15.26	56.2	17.62	59.2	19.24	62.1	20.97	63.9	22.17	66.9	24.03
	41.1	54.2	14.79	58.6	17.07	61.6	18.65	64.7	20.32	66.6	21.49	69.6	23.29
	39.4	55.8	14.43	60.2	16.66	63.4	18.20	66.6	19.82	68.5	20.97	71.6	22.72
	37.2	57.7	13.95	62.3	16.11	65.5	17.60	68.8	19.18	70.8	20.28	74.1	21.98
	35.0	59.4	13.48	64.2	15.57	67.5	17.00	70.9	18.53	72.9	19.60	76.3	21.24
	33.9	59.4	13.01	64.2	15.01	67.5	16.39	70.9	17.86	72.9	18.88	76.3	20.46
	32.8	59.4	12.56	64.2	14.48	67.5	15.81	70.9	17.22	72.9	18.21	76.3	19.72
	30.6	59.4	11.72	64.2	13.51	67.5	14.74	70.9	16.04	72.9	16.96	76.3	18.36
	27.8	59.4	10.76	64.2	12.39	67.5	13.51	70.9	14.70	72.9	15.53	76.3	16.81
	23.9	59.4	9.57	64.2	11.00	67.5	11.99	70.9	13.04	72.9	13.77	76.3	14.89
	22.2	59.4	9.09	64.2	10.45	67.5	11.39	70.9	12.38	72.9	13.07	76.3	14.13
	21.1	59.4	8.80	64.2	10.11	67.5	11.01	70.9	11.96	72.9	12.63	76.3	13.66
	20.0	59.4	8.51	64.2	9.77	67.5	10.64	70.9	11.56	72.9	12.21	76.3	13.20
	18.3	59.4	8.30	64.2	9.52	67.5	10.37	70.9	11.27	72.9	11.89	76.3	12.86
	16.7	59.4	8.12	64.2	9.32	67.5	10.15	70.9	11.02	72.9	11.64	76.3	12.58
	14.4	59.4	7.91	64.2	9.08	67.5	9.88	70.9	10.73	72.9	11.33	76.3	12.24
	12.2	59.4	7.74	64.2	8.88	67.5	9.67	70.9	10.50	72.9	11.08	76.3	11.97
	10.0	59.4	7.57	64.2	8.68	67.5	9.44	70.9	10.25	72.9	10.82	76.3	11.69
	4.4	59.4	7.37	64.2	8.44	67.5	9.19	70.9	9.97	72.9	10.52	76.3	11.36
	-1.1	59.4	7.20	64.2	8.25	67.5	8.97	70.9	9.74	72.9	10.27	76.3	11.09
	-5.0	59.4	7.08	64.2	8.11	67.5	8.83	70.9	9.58	72.9	10.11	76.3	10.91
	-9.4	59.4	6.96	64.2	7.97	67.5	8.67	70.9	9.41	72.9	9.92	76.3	10.72
	-15.0	59.4	6.83	64.2	7.83	67.5	8.51	70.9	9.24	72.9	9.74	76.3	10.52
70	51.7	27.9	10.09	30.1	11.50	31.7	12.48	33.3	13.52	34.2	14.24	35.8	15.35
	50.0	31.0	10.57	33.5	12.09	35.3	13.13	37.0	14.24	38.1	15.01	39.9	16.20
	47.8	35.7	11.35	38.5	13.03	40.6	14.18	42.6	15.41	43.8	16.26	45.8	17.57
	46.1	39.7	12.07	42.9	13.89	45.2	15.09	47.4	16.48	48.8	17.41	51.0	18.84
	43.3	45.6	12.86	49.2	14.85	51.8	16.22	54.4	17.67	55.9	18.69	58.5	20.25
	41.1	47.5	12.46	51.2	14.39	53.9	15.72	56.6	17.13	58.2	18.12	60.9	19.63
	39.4	48.8	12.16	52.7	14.04	55.5	15.34	58.3	16.71	59.9	17.67	62.7	19.15
	37.2	50.5	11.76	54.5	13.58	57.4	14.83	60.2	16.16	61.9	17.09	64.8	18.53
	35.0	52.0	11.36	56.1	13.12	59.1	14.33	62.0	15.62	63.8	16.52	66.8	17.90
	33.9	52.0	10.96	56.1	12.65	59.1	13.82	62.0	15.05	63.8	15.91	66.8	17.24
	32.8	52.0	10.58	56.1	12.21	59.1	13.33	62.0	14.51	63.8	15.35	66.8	16.62
	30.6	52.0	9.88	56.1	11.39	59.1	12.42	62.0	13.52	63.8	14.29	66.8	15.48
	27.8	52.0	9.07	56.1	10.44	59.1	11.39	62.0	12.39	63.8	13.09	66.8	14.16
	23.9	52.0	8.07	56.1	9.28	59.1	10.11	62.0	10.99	63.8	11.61	66.8	12.55
	22.2	52.0	7.67	56.1	8.81	59.1	9.60	62.0	10.43	63.8	11.02	66.8	11.91
	21.1	52.0	7.41	56.1	8.52	59.1	9.28	62.0	10.08	63.8	10.65	66.8	11.51
	20.0	52.0	7.17	56.1	8.23	59.1	8.97	62.0	9.75	63.8	10.29	66.8	11.12
	18.3	52.0	6.99	56.1	8.03	59.1	8.74	62.0	9.50	63.8	10.03	66.8	10.84
	16.7	52.0	6.85	56.1	7.86	59.1	8.55	62.0	9.29	63.8	9.81	66.8	10.60
	14.4	52.0	6.67	56.1	7.65	59.1	8.33	62.0	9.05	63.8	9.55	66.8	10.32
	12.2	52.0	6.53	56.1	7.48	59.1	8.15	62.0	8.85	63.8	9.34	66.8	10.09
	10.0	52.0	6.38	56.1	7.31	59.1	7.96	62.0	8.64	63.8	9.12	66.8	9.85
	4.4	52.0	6.21	56.1	7.12	59.1	7.74	62.0	8.41	63.8	8.87	66.8	9.58
	-1.1	52.0	6.07	56.1	6.95	59.1	7.56	62.0	8.21	63.8	8.66	66.8	9.35
	-5.0	52.0	5.97	56.1	6.84	59.1	7.44	62.0	8.07	63.8	8.52	66.8	9.20
	-9.4	52.0	5.86	56.1	6.72	59.1	7.31	62.0	7.93	63.8	8.36	66.8	9.03
	-15.0	52.0	5.76	56.1	6.60	59.1	7.17	62.0	7.79	63.8	8.21	66.8	8.87

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1℃~51.7℃, the data is shown as reference.
2.For temperature 14.4℃~-15℃, the data is shown as reference.
3.Actual results may vary according to

COOLING (°C)

MMY-UP360H1FT6PUL/MMY-UP360H1FT9PUL

Celsius

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	51.7	49.8	20.57	53.7	23.59	56.6	25.68	59.4	27.89	61.1	29.44	63.9	31.82
	50.0	55.4	21.63	59.8	24.86	63.0	27.10	66.1	29.48	68.0	31.15	71.2	33.71
	47.8	63.8	23.34	68.8	26.94	72.4	29.43	76.1	32.07	78.2	33.93	81.9	36.79
	46.1	71.0	24.92	76.6	28.85	80.6	31.47	84.7	34.46	87.1	36.50	91.1	39.62
	43.3	81.4	26.68	87.9	31.00	92.5	33.98	97.1	37.15	99.9	39.39	104.5	42.84
	41.1	84.7	25.86	91.5	30.04	96.3	32.94	101.1	36.01	104.0	38.19	108.8	41.52
	39.4	87.2	25.23	94.1	29.31	99.1	32.13	104.0	35.13	107.0	37.25	112.0	40.51
	37.2	90.1	24.40	97.3	28.35	102.4	31.08	107.5	33.98	110.6	36.03	115.7	39.18
	35.0	92.8	23.58	100.2	27.39	105.5	30.03	110.8	32.83	114.0	34.82	119.2	37.86
	33.9	92.8	22.73	100.2	26.39	105.5	28.92	110.8	31.61	114.0	33.52	119.2	36.43
	32.8	92.8	21.93	100.2	25.44	105.5	27.88	110.8	30.46	114.0	32.29	119.2	35.09
	30.6	92.8	20.44	100.2	23.69	105.5	25.94	110.8	28.34	114.0	30.02	119.2	32.61
	27.8	92.8	18.73	100.2	21.69	105.5	23.74	110.8	25.91	114.0	27.44	119.2	29.80
	23.9	92.8	16.63	100.2	19.23	105.5	21.03	110.8	22.94	114.0	24.29	119.2	26.35
	22.2	92.8	15.79	100.2	18.25	105.5	19.95	110.8	21.76	114.0	23.03	119.2	24.99
	21.1	92.8	15.27	100.2	17.64	105.5	19.28	110.8	21.02	114.0	22.25	119.2	24.14
	20.0	92.8	14.76	100.2	17.05	105.5	18.63	110.8	20.31	114.0	21.50	119.2	23.31
	18.3	92.8	14.38	100.2	16.61	105.5	18.15	110.8	19.78	114.0	20.93	119.2	22.70
	16.7	92.8	14.08	100.2	16.25	105.5	17.75	110.8	19.34	114.0	20.47	119.2	22.19
	14.4	92.8	13.71	100.2	15.81	105.5	17.27	110.8	18.82	114.0	19.91	119.2	21.58
	12.2	92.8	13.41	100.2	15.46	105.5	16.89	110.8	18.40	114.0	19.46	119.2	21.09
	10.0	92.8	13.10	100.2	15.10	105.5	16.49	110.8	17.96	114.0	19.00	119.2	20.59
	4.4	92.8	12.75	100.2	14.69	105.5	16.03	110.8	17.46	114.0	18.47	119.2	20.01
	-1.1	92.8	12.45	100.2	14.34	105.5	15.65	110.8	17.04	114.0	18.02	119.2	19.52
	-5.0	92.8	12.25	100.2	14.11	105.5	15.40	110.8	16.76	114.0	17.73	119.2	19.20
	-9.4	92.8	12.03	100.2	13.85	105.5	15.12	110.8	16.46	114.0	17.40	119.2	18.85
	-15.0	92.8	11.81	100.2	13.60	105.5	14.85	110.8	16.16	114.0	17.09	119.2	18.51
110	51.7	50.8	20.78	54.8	23.83	57.7	25.94	60.6	28.17	62.3	29.74	65.2	32.15
	50.0	56.5	21.85	61.0	25.12	64.2	27.38	67.5	29.78	69.4	31.47	72.6	34.06
	47.8	65.0	23.58	70.2	27.21	73.9	29.73	77.6	32.40	79.8	34.28	83.5	37.16
	46.1	72.4	25.18	78.1	29.15	82.2	31.79	86.4	34.81	88.8	36.87	92.9	40.03
	43.3	83.0	26.95	89.6	31.31	94.3	34.33	99.0	37.53	101.9	39.80	106.6	43.27
	41.1	86.4	26.13	93.3	30.35	98.2	33.27	103.1	36.38	106.1	38.58	111.0	41.95
	39.4	88.9	25.49	96.0	29.61	101.1	32.46	106.1	35.49	109.1	37.63	114.2	40.92
	37.2	91.9	24.65	99.2	28.64	104.5	31.40	109.7	34.33	112.8	36.40	118.0	39.58
	35.0	94.7	23.80	102.2	27.67	107.6	30.34	113.0	33.17	116.2	35.17	121.6	38.24
	33.9	94.7	22.96	102.2	26.66	107.6	29.22	113.0	31.94	116.2	33.86	121.6	36.81
	32.8	94.7	22.15	102.2	25.70	107.6	28.16	113.0	30.77	116.2	32.62	121.6	35.45
	30.6	94.7	20.65	102.2	23.93	107.6	26.21	113.0	28.62	116.2	30.33	121.6	32.95
	27.8	94.7	18.93	102.2	21.91	107.6	23.98	113.0	26.18	116.2	27.73	121.6	30.10
	23.9	94.7	16.80	102.2	19.43	107.6	21.24	113.0	23.17	116.2	24.53	121.6	26.62
	22.2	94.7	15.95	102.2	18.44	107.6	20.15	113.0	21.98	116.2	23.27	121.6	25.24
	21.1	94.7	15.42	102.2	17.82	107.6	19.48	113.0	21.24	116.2	22.48	121.6	24.38
	20.0	94.7	14.91	102.2	17.22	107.6	18.82	113.0	20.52	116.2	21.72	121.6	23.55
	18.3	94.7	14.53	102.2	16.78	107.6	18.33	113.0	19.98	116.2	21.15	121.6	22.93
	16.7	94.7	14.22	102.2	16.41	107.6	17.93	113.0	19.54	116.2	20.68	121.6	22.42
	14.4	94.7	13.85	102.2	15.97	107.6	17.45	113.0	19.01	116.2	20.11	121.6	21.80
	12.2	94.7	13.54	102.2	15.62	107.6	17.06	113.0	18.58	116.2	19.66	121.6	21.31
	10.0	94.7	13.23	102.2	15.26	107.6	16.66	113.0	18.14	116.2	19.19	121.6	20.80
	4.4	94.7	12.88	102.2	14.84	107.6	16.20	113.0	17.64	116.2	18.65	121.6	20.21
	-1.1	94.7	12.58	102.2	14.49	107.6	15.81	113.0	17.22	116.2	18.21	121.6	19.72
	-5.0	94.7	12.37	102.2	14.25	107.6	15.55	113.0	16.93	116.2	17.91	121.6	19.40
	-9.4	94.7	12.15	102.2	13.99	107.6	15.27	113.0	16.63	116.2	17.58	121.6	19.05
	-15.0	94.7	11.93	102.2	13.74	107.6	15.00	113.0	16.33	116.2	17.27	121.6	18.70
120	51.7	52.3	21.19	56.4	24.30	59.4	26.45	62.4	28.73	64.1	30.33	67.1	32.78
	50.0	58.2	22.28	62.8	25.61	66.1	27.92	69.4	30.37	71.4	32.09	74.7	34.73
	47.8	66.9	24.04	72.3	27.75	76.1	30.31	79.9	33.03	82.2	34.95	86.0	37.89
	46.1	74.5	25.67	80.4	29.72	84.7	32.42	88.9	35.50	91.4	37.60	95.7	40.82
	43.3	85.5	27.48	92.2	31.93	97.1	35.00	102.0	38.27	104.9	40.58	109.7	44.12
	41.1	89.0	26.64	96.1	30.95	101.1	33.93	106.2	37.10	109.2	39.33	114.3	42.77
	39.4	91.5	25.99	98.8	30.19	104.0	33.10	109.2	36.19	112.3	38.37	117.5	41.72
	37.2	94.6	25.14	102.2	29.20	107.5	32.02	112.9	35.01	116.1	37.12	121.5	40.36
	35.0	97.5	24.29	105.2	28.21	110.8	30.93	116.3	33.82	119.6	35.86	125.2	39.00
	33.9	97.5	23.41	105.2	27.18	110.8	29.79	116.3	32.56	119.6	34.52	125.2	37.53
	32.8	97.5	22.59	105.2	26.21	110.8	28.71	116.3	31.39	119.6	33.26	125.2	36.15
	30.6	97.5	21.05	105.2	24.40	110.8	26.72	116.3	29.19	119.6	30.93	125.2	33.59
	27.8	97.5	19.30	105.2	22.34	110.8	24.45	116.3	26.69	119.6	28.27	125.2	30.69
	23.9	97.5	17.13	105.2	19.81	110.8	21.66	116.3	23.63	119.6	25.02	125.2	27.14
	22.2	97.5	16.27	105.2	18.80	110.8	20.55	116.3	22.41	119.6	23.72	125.2	25.74
	21.1	97.5	15.73	105.2	18.17	110.8	19.86	116.3	21.66	119.6	22.92	125.2	24.86
	20.0	97.5	15.20	105.2	17.56	110.8	19.19	116.3	20.92	119.6	22.14	125.2	24.01
	18.3	97.5	14.82	105.2	17.11	110.8	18.69	116.3	20.38	119.6	21.56	125.2	23.38
	16.7	97.5	14.50	105.2	16.74	110.8	18.28	116.3	19.93	119.6	21.08	125.2	22.86
	14.4	97.5	14.12	105.2	16.29	110.8	17.79	116.3	19.39	119.6	20.51	125.2	22.23
	12.2	97.5	13.81	105.2	15.93	110.8	17.39	116.3	18.95	119.6	20.04	125.2	21.73
	10.0	97.5	13.49	105.2	15.55	110.8	16.98	116.3	18.50	119.6	19.57	125.2	21.21
	4.4	97.5	13.13	105.2	15.13	110.8	16.52	116.3	17.99	119.6	19.02	125.2	20.61
	-1.1	97.5	12.82	105.2	14.77	110.8	16.12	116.3	17.56	119.6	18.57	125.2	20.11
	-5.0	97.5	12.61	105.2	14.53	110.8	15.86	116.3	17.27	119.6	18.26	125.2	19.78
	-9.4	97.5	12.39	105.2	14.27	110.8	15.57	116.3	16.95	119.6	17.93	125.2	19.42
	-15.0	97.5	12.17	105.2	14.01	110.8	15.29	116.3	16.65	119.6	17.61	125.2	19.07
130	51.7	53.5	21.49	57.8	24.64	60.8	26.82	63.8	29.13	65.7	30.76	68.1	32.94
	50.0	59.6	22.59	64.3	25.97	67.7	28.31	71.1	30.80	73.1	32.54	75.8	34.89
	47.8	68.5	24.38	74.0	28.14	77.9	30.74	81.8	33.50	84.1	35.45	87.2	38.07
	46.1	76.3	26.04	82.3	30.14	86.7	32.88	91.0	36.00	93.6	38.13	97.0	41.01
	43.3	87.5	27.87	94.4	32.38	99.4	35.50	104.4	38.81	107.4	41.15	111.3	44.33
	41.1	91.1	27.02	98.4	31.39	103.5	34.41	108.7	37.62	111.8	39.89	115.9	42.97
	39.4	93.7	26.36	101.2	30.62	106.5	33.57	111.8	36.70	115.0	38.92	119.2	41.92
	37.2	96.9	25.49	104.6	29.62	110.1	32.47	115.6	35.50	118.9	37.64	123.2	40.55
	35.0	99.8	24.63	107.8	28.61	113.4	31.37	119.1	34.30	122.5	36.37	127.0	39.18
	33.9	99.8	23.74	107.8	27.57	113.4	30.21	119.1	33.03	122.5	35.01	127.0	37.71
	32.8	99.8	22.91	107.8	26.58	113.4	29.12	119.1	31.82	122.5	33.73	127.0	36.32
	30.6	99.8	21.35	107.8	24.75	113.4	27.10	119.1	29.60	122.5	31.36	127.0	33.75
	27.8	99.8	19.57	107.8	22.66	113.4	24.80	119.1	27.07	122.5	28.67	127.0	30.84
	23.9	99.8	17.37	107.8	20.09	113.4	21.97	119.1	23.96	122.5	25.37	127.0	27.27
	22.2	99.8	16.50	107.8	19.06	113.4	20.84	119.1	22.73	122.5	24.06	127.0	25.86
	21.1	99.8	15.95	107.8	18.43	113.4	20.14	119.1	21.96	122.5	23.25	127.0	24.98
	20.0	99.8	15.42	107.8	17.81	113.4	19.46	119.1	21.22	122.5	22.46	127.0	24.13
	18.3	99.8	15.03	107.8	17.35	113.4	18.96	119.1	20.66	122.5	21.87	127.0	23.49
	16.7	99.8	14.70	107.8	16.97	113.4	18.54	119.1	20.21	122.5	21.38	127.0	22.97
	14.4	99.8	14.32	107.8	16.52	113.4	18.04	119.1	19.66	122.5	20.80	127.0	22.34
	12.2	99.8	14.01	107.8	16.15	113.4	17.64	119.1	19.22	122.5	20.33	127.0	21.83
	10.0	99.8	13.68	107.8	15.78	113.4	17.22	119.1	18.76	122.5	19.85	127.0	21.31
	4.4	99.8	13.32	107.8	15.34	113.4	16.75	119.1	18.24	122.5	19.29	127.0	20.71
	-1.1	99.8	13.00	107.8	14.98	113.4	16.35	119.1	17.81	122.5	18.83	127.0	20.21
	-5.0	99.8	12.79	107.8	14.74	113.4	16.08	119.1	17.51	122.5	18.52	127.0	19.87
	-9.4	99.8	12.56	107.8	14.47	113.4	15.79	119.1	17.19	122.5	18.18	127.0	19.51
	-15.0	99.8	12.34	107.8	14.21	113.4	15.51	119.1	16.89	122.5	17.85	127.0	19.16

Combination	Outdoor air temp.	Indoor air temp.(°CWB)											
		16.1℃		17.8℃		19.4℃		21.1℃		22.2℃		23.9℃	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	51.7	44.8	17.78	48.4	20.39	50.9	22.19	53.4	24.10	55.0	25.45	57.5	27.51
	50.0	49.9	18.69	53.9	21.49	56.7	23.43	59.5	25.48	61.2	26.92	64.1	29.14
	47.8	57.4	20.17	61.9	23.28	65.2	25.43	68.5	27.72	70.4	29.33	73.7	31.79
	46.1	63.9	21.54	68.9	24.94	72.6	27.20	76.2	29.78	78.4	31.55	82.0	34.25
	43.3	73.2	23.06	79.1	26.79	83.2	29.37	87.4	32.11	89.9	34.05	94.1	37.02
	41.1	76.3	22.35	82.3	25.97	86.7	28.47	91.0	31.13	93.6	33.00	97.9	35.89
	39.4	78.5	21.81	84.7	25.33	89.2	27.77	93.6	30.37	96.3	32.20	100.8	35.01
	37.2	81.1	21.09	87.6	24.50	92.2	26.86	96.8	29.37	99.5	31.14	104.2	33.86
	35.0	83.6	20.38	90.2	23.67	95.0	25.96	99.7	28.38	102.6	30.09	107.3	32.72
	33.9	83.6	19.65	90.2	22.81	95.0	25.00	99.7	27.32	102.6	28.97	107.3	31.49
	32.8	83.6	18.95	90.2	21.99	95.0	24.09	99.7	26.33	102.6	27.91	107.3	30.33
	30.6	83.6	17.66	90.2	20.48	95.0	22.42	99.7	24.49	102.6	25.95	107.3	28.19
	27.8	83.6	16.19	90.2	18.75	95.0	20.52	99.7	22.40	102.6	23.72	107.3	25.75
	23.9	83.6	14.37	90.2	16.62	95.0	18.18	99.7	19.83	102.6	20.99	107.3	22.78
	22.2	83.6	13.65	90.2	15.77	95.0	17.24	99.7	18.81	102.6	19.91	107.3	21.60
	21.1	83.6	13.20	90.2	15.25	95.0	16.66	99.7	18.17	102.6	19.23	107.3	20.86
	20.0	83.6	12.75	90.2	14.73	95.0	16.10	99.7	17.55	102.6	18.58	107.3	20.15
	18.3	83.6	12.43	90.2	14.35	95.0	15.68	99.7	17.10	102.6	18.09	107.3	19.62
	16.7	83.6	12.17	90.2	14.04	95.0	15.34	99.7	16.72	102.6	17.69	107.3	19.18
	14.4	83.6	11.85	90.2	13.67	95.0	14.93	99.7	16.27	102.6	17.21	107.3	18.65
	12.2	83.6	11.59	90.2	13.36	95.0	14.59	99.7	15.90	102.6	16.82	107.3	18.23
	10.0	83.6	11.32	90.2	13.05	95.0	14.25	99.7	15.52	102.6	16.42	107.3	17.79
	4.4	83.6	11.02	90.2	12.70	95.0	13.86	99.7	15.09	102.6	15.96	107.3	17.29
	-1.1	83.6	10.76	90.2	12.40	95.0	13.53	99.7	14.73	102.6	15.58	107.3	16.88
	-5.0	83.6	10.58	90.2	12.19	95.0	13.31	99.7	14.49	102.6	15.32	107.3	16.60
	-9.4	83.6	10.39	90.2	11.97	95.0	13.07	99.7	14.23	102.6	15.04	107.3	16.29
	-15.0	83.6	10.21	90.2	11.76	95.0	12.83	99.7	13.97	102.6	14.77	107.3	16.00
80	51.7	39.8	15.20	43.0	17.43	45.2	18.97	47.5	20.61	48.9	21.76	51.1	23.52
	50.0	44.3	15.98	47.9	18.37	50.4	20.03	52.9	21.78	54.4	23.02	56.9	24.91
	47.8	51.0	17.25	55.1	19.91	58.0	21.75	60.9	23.70	62.6	25.07	65.5	27.18
	46.1	56.8	18.42	61.3	21.32	64.5	23.26	67.7	25.47	69.7	26.97	72.9	29.28
	43.3	65.1	19.72	70.3	22.91	74.0	25.11	77.7	27.46	79.9	29.11	83.6	31.65
	41.1	67.8	19.11	73.2	22.20	77.0	24.34	80.9	26.61	83.2	28.22	87.1	30.68
	39.4	69.7	18.64	75.3	21.66	79.3	23.74	83.2	25.96	85.6	27.53	89.6	29.93
	37.2	72.1	18.03	77.8	20.95	81.9	22.97	86.0	25.11	88.5	26.63	92.6	28.95
	35.0	74.3	17.42	80.2	20.24	84.4	22.19	88.6	24.26	91.2	25.73	95.4	27.98
	33.9	74.3	16.80	80.2	19.50	84.4	21.37	88.6	23.36	91.2	24.77	95.4	26.92
	32.8	74.3	16.20	80.2	18.80	84.4	20.60	88.6	22.51	91.2	23.86	95.4	25.93
	30.6	74.3	15.10	80.2	17.51	84.4	19.17	88.6	20.94	91.2	22.19	95.4	24.10
	27.8	74.3	13.84	80.2	16.03	84.4	17.54	88.6	19.15	91.2	20.28	95.4	22.02
	23.9	74.3	12.29	80.2	14.21	84.4	15.54	88.6	16.95	91.2	17.95	95.4	19.47
	22.2	74.3	11.67	80.2	13.49	84.4	14.74	88.6	16.08	91.2	17.02	95.4	18.46
	21.1	74.3	11.28	80.2	13.03	84.4	14.25	88.6	15.54	91.2	16.44	95.4	17.84
	20.0	74.3	10.91	80.2	12.60	84.4	13.77	88.6	15.01	91.2	15.88	95.4	17.23
	18.3	74.3	10.63	80.2	12.27	84.4	13.41	88.6	14.62	91.2	15.47	95.4	16.77
	16.7	74.3	10.40	80.2	12.01	84.4	13.12	88.6	14.30	91.2	15.13	95.4	16.40
	14.4	74.3	10.13	80.2	11.69	84.4	12.76	88.6	13.91	91.2	14.71	95.4	15.95
	12.2	74.3	9.91	80.2	11.43	84.4	12.48	88.6	13.59	91.2	14.38	95.4	15.59
	10.0	74.3	9.68	80.2	11.16	84.4	12.18	88.6	13.27	91.2	14.04	95.4	15.21
	4.4	74.3	9.42	80.2	10.85	84.4	11.85	88.6	12.90	91.2	13.65	95.4	14.78
	-1.1	74.3	9.20	80.2	10.60	84.4	11.57	88.6	12.59	91.2	13.32	95.4	14.43
	-5.0	74.3	9.05	80.2	10.43	84.4	11.38	88.6	12.39	91.2	13.10	95.4	14.19
	-9.4	74.3	8.89	80.2	10.24	84.4	11.17	88.6	12.16	91.2	12.86	95.4	13.93
	-15.0	74.3	8.73	80.2	10.05	84.4	10.97	88.6	11.94	91.2	12.63	95.4	13.68
70	51.7	34.8	12.81	37.6	14.69	39.6	15.99	41.6	17.37	42.8	18.34	44.7	19.82
	50.0	38.8	13.47	41.9	15.49	44.1	16.88	46.3	18.36	47.6	19.40	49.8	21.00
	47.8	44.6	14.54	48.2	16.78	50.7	18.33	53.2	19.97	54.8	21.13	57.3	22.91
	46.1	49.7	15.52	53.6	17.97	56.4	19.60	59.3	21.46	61.0	22.73	63.8	24.68
	43.3	57.0	16.62	61.5	19.31	64.7	21.16	68.0	23.14	69.9	24.54	73.2	26.68
	41.1	59.3	16.11	64.0	18.71	67.4	20.52	70.8	22.43	72.8	23.78	76.2	25.86
	39.4	61.0	15.71	65.9	18.26	69.4	20.01	72.8	21.88	74.9	23.20	78.4	25.23
	37.2	63.1	15.20	68.1	17.66	71.7	19.36	75.3	21.17	77.4	22.44	81.0	24.40
	35.0	65.0	14.69	70.2	17.06	73.9	18.70	77.5	20.45	79.8	21.68	83.5	23.58
	33.9	65.0	14.16	70.2	16.44	73.9	18.01	77.5	19.69	79.8	20.87	83.5	22.69
	32.8	65.0	13.66	70.2	15.85	73.9	17.36	77.5	18.97	79.8	20.11	83.5	21.86
	30.6	65.0	12.73	70.2	14.76	73.9	16.16	77.5	17.65	79.8	18.70	83.5	20.31
	27.8	65.0	11.67	70.2	13.51	73.9	14.78	77.5	16.14	79.8	17.09	83.5	18.56
	23.9	65.0	10.36	70.2	11.98	73.9	13.10	77.5	14.29	79.8	15.13	83.5	16.41
	22.2	65.0	9.84	70.2	11.37	73.9	12.43	77.5	13.55	79.8	14.35	83.5	15.56
	21.1	65.0	9.51	70.2	10.99	73.9	12.01	77.5	13.09	79.8	13.86	83.5	15.03
	20.0	65.0	9.19	70.2	10.62	73.9	11.60	77.5	12.65	79.8	13.39	83.5	14.52
	18.3	65.0	8.96	70.2	10.34	73.9	11.30	77.5	12.32	79.8	13.04	83.5	14.14
	16.7	65.0	8.77	70.2	10.12	73.9	11.06	77.5	12.05	79.8	12.75	83.5	13.82
	14.4	65.0	8.54	70.2	9.85	73.9	10.76	77.5	11.72	79.8	12.40	83.5	13.44
	12.2	65.0	8.35	70.2	9.63	73.9	10.52	77.5	11.46	79.8	12.12	83.5	13.14
	10.0	65.0	8.16	70.2	9.41	73.9	10.27	77.5	11.19	79.8	11.83	83.5	12.82
	4.4	65.0	7.94	70.2	9.15	73.9	9.99	77.5	10.88	79.8	11.50	83.5	12.46
	-1.1	65.0	7.75	70.2	8.93	73.9	9.75	77.5	10.62	79.8	11.23	83.5	12.16
	-5.0	65.0	7.63	70.2	8.79	73.9	9.59	77.5	10.44	79.8	11.04	83.5	11.96
	-9.4	65.0	7.49	70.2	8.63	73.9	9.42	77.5	10.25	79.8	10.84	83.5	11.74
	-15.0	65.0	7.36	70.2	8.47	73.9	9.25	77.5	10.07	79.8	10.65	83.5	11.53

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 41.1°C~51.7°C, the data is shown as reference.
2.For temperature 14.4°C~-15°C, the data is shown as reference.
3.Actual results may vary according to

HEATING

HEATING (°F)

MMY-MUP0721FT6P-UL/MMY-MUP0721FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	85.1	5.50	83.4	5.21	81.8	4.91	81.0	4.79	79.4	4.67	77.8	4.42
	55.4	53.2	85.1	5.57	83.4	5.27	81.8	4.97	81.0	4.85	79.4	4.73	77.8	4.48
	51.8	49.6	85.1	5.65	83.4	5.35	81.8	5.04	81.0	4.92	79.4	4.79	77.8	4.54
	48.2	46.2	85.1	5.73	83.4	5.42	81.8	5.12	81.0	4.99	79.4	4.86	77.8	4.61
	47.0	43.0	85.1	5.81	83.4	5.50	81.8	5.19	81.0	5.06	79.4	4.93	77.8	4.67
	41.0	39.4	85.1	5.90	83.4	5.59	81.8	5.27	81.0	5.14	79.4	5.01	77.8	4.74
	36.5	35.0	85.1	6.02	83.4	5.70	81.8	5.38	81.0	5.24	79.4	5.11	77.8	4.84
	32.0	30.7	82.6	5.96	81.1	5.64	79.5	5.32	78.7	5.19	77.1	5.06	75.6	4.79
	26.6	25.3	79.6	5.89	78.1	5.57	76.5	5.26	75.8	5.12	74.3	4.99	72.8	4.72
	23.0	21.9	77.6	5.84	76.2	5.53	74.7	5.22	73.9	5.08	72.5	4.95	71.0	4.69
	19.4	18.3	75.6	5.79	74.2	5.48	72.7	5.17	72.0	5.04	70.6	4.91	69.1	4.65
	14.0	13.1	72.6	5.73	71.2	5.43	69.9	5.12	69.2	4.99	67.8	4.86	66.4	4.60
	5.9	5.0	68.0	5.65	66.7	5.35	65.4	5.05	64.8	4.92	63.5	4.79	62.2	4.53
	-3.1	-4.0	64.6	5.78	63.4	5.47	62.2	5.17	61.6	5.03	60.3	4.90	59.1	4.63
	-9.0	-9.4	55.5	5.18	54.4	4.90	53.3	4.63	52.8	4.51	51.8	4.39	50.7	4.15
	-12.6	-13.0	49.3	4.75	48.4	4.50	47.4	4.25	47.0	4.14	46.0	4.03	45.1	3.80
	-17.3	-18.4	40.1	4.07	39.4	3.85	38.6	3.64	38.2	3.54	37.5	3.44	36.7	3.25
	-21.8	-22.0	34.0	3.57	33.4	3.38	32.7	3.19	32.4	3.11	31.8	3.02	31.1	2.85
110	59.0	56.7	86.8	5.53	85.1	5.23	83.4	4.93	82.6	4.81	81.0	4.69	79.3	4.45
	55.4	53.2	86.8	5.60	85.1	5.30	83.4	5.00	82.6	4.87	81.0	4.75	79.3	4.50
	51.8	49.6	86.8	5.68	85.1	5.37	83.4	5.07	82.6	4.94	81.0	4.82	79.3	4.56
	48.2	46.2	86.8	5.76	85.1	5.45	83.4	5.14	82.6	5.01	81.0	4.88	79.3	4.63
	47.0	43.0	86.8	5.84	85.1	5.52	83.4	5.21	82.6	5.08	81.0	4.95	79.3	4.69
	41.0	39.4	86.8	5.93	85.1	5.61	83.4	5.30	82.6	5.16	81.0	5.03	79.3	4.77
	36.5	35.0	86.8	6.05	85.1	5.73	83.4	5.40	82.6	5.27	81.0	5.13	79.3	4.86
	32.0	30.7	84.3	5.99	82.7	5.67	81.1	5.35	80.3	5.21	78.7	5.08	77.1	4.81
	26.6	25.3	81.2	5.91	79.6	5.60	78.1	5.28	77.3	5.15	75.8	5.01	74.2	4.75
	23.0	21.9	79.2	5.87	77.7	5.55	76.2	5.24	75.4	5.11	73.9	4.97	72.4	4.71
	19.4	18.3	77.1	5.82	75.6	5.51	74.2	5.20	73.4	5.07	72.0	4.93	70.5	4.67
	14.0	13.1	74.1	5.76	72.7	5.45	71.3	5.14	70.6	5.01	69.1	4.88	67.7	4.62
	5.9	5.0	69.4	5.67	68.1	5.37	66.8	5.07	66.1	4.94	64.8	4.81	63.5	4.55
	-3.1	-4.0	65.9	5.81	64.7	5.50	63.4	5.19	62.8	5.06	61.5	4.92	60.3	4.65
	-9.0	-9.4	56.6	5.20	55.5	4.93	54.4	4.65	53.9	4.53	52.8	4.41	51.7	4.16
	-12.6	-13.0	50.3	4.78	49.4	4.52	48.4	4.27	47.9	4.16	47.0	4.05	46.0	3.82
	-17.3	-18.4	40.9	4.09	40.2	3.87	39.4	3.65	39.0	3.56	38.2	3.46	37.4	3.27
	-21.8	-22.0	34.7	3.59	34.0	3.40	33.4	3.21	33.0	3.12	32.4	3.04	31.7	2.87
120	59.0	56.7	89.3	5.60	87.6	5.30	85.9	5.00	85.1	4.88	83.3	4.76	81.6	4.51
	55.4	53.2	89.3	5.68	87.6	5.37	85.9	5.07	85.1	4.94	83.3	4.82	81.6	4.56
	51.8	49.6	89.3	5.76	87.6	5.45	85.9	5.14	85.1	5.01	83.3	4.88	81.6	4.63
	48.2	46.2	89.3	5.84	87.6	5.52	85.9	5.21	85.1	5.08	83.3	4.95	81.6	4.69
	47.0	43.0	89.3	5.92	87.6	5.60	85.9	5.28	85.1	5.15	83.3	5.02	81.6	4.76
	41.0	39.4	89.3	6.01	87.6	5.69	85.9	5.37	85.1	5.24	83.3	5.10	81.6	4.83
	36.5	35.0	89.3	6.14	87.6	5.81	85.9	5.48	85.1	5.34	83.3	5.21	81.6	4.93
	32.0	30.7	86.8	6.07	85.1	5.75	83.5	5.42	82.6	5.29	81.0	5.15	79.3	4.88
	26.6	25.3	83.6	6.00	82.0	5.68	80.4	5.36	79.6	5.22	78.0	5.08	76.4	4.81
	23.0	21.9	81.5	5.95	80.0	5.63	78.4	5.31	77.6	5.18	76.1	5.04	74.5	4.77
	19.4	18.3	79.4	5.90	77.9	5.59	76.3	5.27	75.6	5.14	74.1	5.00	72.6	4.74
	14.0	13.1	76.3	5.84	74.8	5.53	73.4	5.22	72.6	5.08	71.2	4.95	69.7	4.68
	5.9	5.0	71.4	5.75	70.1	5.45	68.7	5.14	68.0	5.01	66.7	4.88	65.3	4.61
	-3.1	-4.0	67.9	5.89	66.6	5.58	65.3	5.26	64.6	5.13	63.3	4.99	62.1	4.72
	-9.0	-9.4	58.2	5.28	57.1	5.00	56.0	4.72	55.5	4.59	54.3	4.47	53.2	4.22
	-12.6	-13.0	51.8	4.84	50.8	4.59	49.8	4.33	49.3	4.22	48.3	4.10	47.4	3.87
	-17.3	-18.4	42.2	4.14	41.3	3.93	40.5	3.71	40.1	3.61	39.3	3.51	38.5	3.31
	-21.8	-22.0	35.7	3.64	35.0	3.45	34.4	3.25	34.0	3.17	33.3	3.08	32.7	2.91
130	59.0	56.7	91.4	5.65	89.7	5.35	87.9	5.05	87.1	4.92	85.3	4.80	83.6	4.55
	55.4	53.2	91.4	5.73	89.7	5.42	87.9	5.11	87.1	4.99	85.3	4.86	83.6	4.61
	51.8	49.6	91.4	5.81	89.7	5.50	87.9	5.18	87.1	5.06	85.3	4.93	83.6	4.67
	48.2	46.2	91.4	5.89	89.7	5.57	87.9	5.26	87.1	5.13	85.3	5.00	83.6	4.73
	47.0	43.0	91.4	5.97	89.7	5.65	87.9	5.33	87.1	5.20	85.3	5.07	83.6	4.80
	41.0	39.4	91.4	6.07	89.7	5.74	87.9	5.42	87.1	5.28	85.3	5.15	83.6	4.88
	36.5	35.0	91.4	6.19	89.7	5.86	87.9	5.53	87.1	5.39	85.3	5.25	83.6	4.97
	32.0	30.7	88.8	6.13	87.1	5.80	85.4	5.47	84.6	5.34	82.9	5.20	81.2	4.92
	26.6	25.3	85.5	6.05	83.9	5.73	82.3	5.40	81.5	5.27	79.8	5.13	78.2	4.86
	23.0	21.9	83.5	6.00	81.9	5.68	80.3	5.36	79.5	5.22	77.9	5.09	76.3	4.82
	19.4	18.3	81.3	5.95	79.7	5.64	78.2	5.32	77.4	5.18	75.8	5.05	74.3	4.78
	14.0	13.1	78.1	5.89	76.6	5.58	75.1	5.26	74.4	5.13	72.9	4.99	71.4	4.72
	5.9	5.0	73.1	5.81	71.7	5.50	70.4	5.19	69.7	5.05	68.3	4.92	66.9	4.65
	-3.1	-4.0	69.5	5.94	68.2	5.63	66.8	5.31	66.2	5.17	64.9	5.03	63.5	4.76
	-9.0	-9.4	59.6	5.32	58.5	5.04	57.3	4.76	56.8	4.63	55.6	4.51	54.5	4.26
	-12.6	-13.0	53.0	4.89	52.0	4.63	51.0	4.37	50.5	4.25	49.5	4.14	48.5	3.91
	-17.3	-18.4	43.2	4.18	42.3	3.96	41.5	3.74	41.1	3.64	40.3	3.54	39.5	3.34
	-21.8	-22.0	36.6	3.67	35.9	3.48	35.2	3.28	34.8	3.20	34.1	3.11	33.4	2.93

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	76.5	4.90	75.1	4.63	73.6	4.37	72.9	4.26	71.4	4.16	70.0	3.94
	55.4	53.2	76.5	4.96	75.1	4.69	73.6	4.43	72.9	4.32	71.4	4.21	70.0	3.99
	51.8	49.6	76.5	5.03	75.1	4.76	73.6	4.49	72.9	4.38	71.4	4.27	70.0	4.04
	48.2	46.2	76.5	5.10	75.1	4.83	73.6	4.55	72.9	4.44	71.4	4.33	70.0	4.10
	47.0	43.0	76.5	5.17	75.1	4.90	73.6	4.62	72.9	4.50	71.4	4.39	70.0	4.16
	41.0	39.4	76.5	5.26	75.1	4.97	73.6	4.69	72.9	4.58	71.4	4.46	70.0	4.22
	36.5	35.0	76.5	5.36	75.1	5.08	73.6	4.79	72.9	4.67	71.4	4.55	70.0	4.31
	32.0	30.7	74.4	5.31	73.0	5.02	71.5	4.74	70.8	4.62	69.4	4.50	68.0	4.26
	26.6	25.3	71.6	5.24	70.3	4.96	68.9	4.68	68.2	4.56	66.8	4.44	65.5	4.21
	23.0	21.9	69.9	5.20	68.5	4.92	67.2	4.64	66.5	4.53	65.2	4.41	63.9	4.17
	19.4	18.3	68.0	5.16	66.7	4.88	65.4	4.61	64.8	4.49	63.5	4.37	62.2	4.14
	14.0	13.1	65.4	5.10	64.1	4.83	62.9	4.56	62.3	4.44	61.0	4.33	59.8	4.09
	5.9	5.0	61.2	5.03	60.1	4.76	58.9	4.49	58.3	4.38	57.2	4.26	56.0	4.03
	-3.1	-4.0	58.2	5.15	57.1	4.87	56.0	4.60	55.4	4.48	54.3	4.36	53.2	4.12
	-9.0	-9.4	49.9	4.61	49.0	4.37	48.0	4.12	47.5	4.01	46.6	3.91	45.6	3.69
	-12.6	-13.0	44.4	4.23	43.6	4.01	42.7	3.78	42.3	3.68	41.4	3.58	40.6	3.39
	-17.3	-18.4	36.1	3.62	35.4	3.43	34.8	3.24	34.4	3.15	33.7	3.07	33.0	2.90
	-21.8	-22.0	30.6	3.18	30.0	3.01	29.5	2.84	29.2	2.77	28.6	2.69	28.0	2.54
80	59.0	56.7	68.0	4.31	66.7	4.08	65.4	3.84	64.8	3.75	63.5	3.65	62.2	3.46
	55.4	53.2	68.0	4.36	66.7	4.13	65.4	3.89	64.8	3.80	63.5	3.70	62.2	3.51
	51.8	49.6	68.0	4.42	66.7	4.19	65.4	3.95	64.8	3.85	63.5	3.75	62.2	3.56
	48.2	46.2	68.0	4.49	66.7	4.25	65.4	4.01	64.8	3.91	63.5	3.81	62.2	3.61
	47.0	43.0	68.0	4.55	66.7	4.30	65.4	4.06	64.8	3.96	63.5	3.86	62.2	3.66
	41.0	39.4	68.0	4.62	66.7	4.37	65.4	4.13	64.8	4.02	63.5	3.92	62.2	3.71
	36.5	35.0	68.0	4.72	66.7	4.46	65.4	4.21	64.8	4.11	63.5	4.00	62.2	3.79
	32.0	30.7	66.1	4.67	64.8	4.42	63.6	4.17	63.0	4.06	61.7	3.96	60.4	3.75
	26.6	25.3	63.7	4.61	62.4	4.36	61.2	4.12	60.6	4.01	59.4	3.91	58.2	3.70
	23.0	21.9	62.1	4.57	60.9	4.33	59.7	4.08	59.1	3.98	58.0	3.88	56.8	3.67
	19.4	18.3	60.5	4.54	59.3	4.29	58.2	4.05	57.6	3.95	56.4	3.85	55.3	3.64
	14.0	13.1	58.1	4.49	57.0	4.25	55.9	4.01	55.3	3.91	54.2	3.80	53.1	3.60
	5.9	5.0	54.4	4.42	53.4	4.19	52.4	3.95	51.8	3.85	50.8	3.75	49.8	3.54
	-3.1	-4.0	51.7	4.53	50.7	4.29	49.7	4.05	49.2	3.94	48.3	3.84	47.3	3.62
	-9.0	-9.4	44.4	4.06	43.5	3.84	42.7	3.63	42.2	3.53	41.4	3.44	40.6	3.25
	-12.6	-13.0	39.5	3.72	38.7	3.52	38.0	3.33	37.6	3.24	36.8	3.15	36.1	2.98
	-17.3	-18.4	32.1	3.18	31.5	3.02	30.9	2.85	30.6	2.77	30.0	2.70	29.4	2.55
	-21.8	-22.0	27.2	2.80	26.7	2.65	26.2	2.50	25.9	2.43	25.4	2.37	24.9	2.23
70	59.0	56.7	59.5	3.73	58.4	3.53	57.3	3.33	56.7	3.25	55.6	3.16	54.4	3.00
	55.4	53.2	59.5	3.78	58.4	3.57	57.3	3.37	56.7	3.29	55.6	3.20	54.4	3.04
	51.8	49.6	59.5	3.83	58.4	3.63	57.3	3.42	56.7	3.33	55.6	3.25	54.4	3.08
	48.2	46.2	59.5	3.88	58.4	3.68	57.3	3.47	56.7	3.38	55.6	3.30	54.4	3.12
	47.0	43.0	59.5	3.94	58.4	3.73	57.3	3.52	56.7	3.43	55.6	3.34	54.4	3.17
	41.0	39.4	59.5	4.00	58.4	3.79	57.3	3.57	56.7	3.48	55.6	3.39	54.4	3.22
	36.5	35.0	59.5	4.08	58.4	3.87	57.3	3.65	56.7	3.56	55.6	3.46	54.4	3.28
	32.0	30.7	57.8	4.04	56.7	3.83	55.6	3.61	55.1	3.52	54.0	3.43	52.9	3.25
	26.6	25.3	55.7	3.99	54.6	3.78	53.6	3.56	53.0	3.47	52.0	3.38	50.9	3.20
	23.0	21.9	54.3	3.96	53.3	3.75	52.3	3.54	51.8	3.45	50.7	3.36	49.7	3.18
	19.4	18.3	52.9	3.93	51.9	3.72	50.9	3.51	50.4	3.42	49.4	3.33	48.4	3.15
	14.0	13.1	50.8	3.88	49.9	3.68	48.9	3.47	48.4	3.38	47.5	3.29	46.5	3.12
	5.9	5.0	47.6	3.83	46.7	3.63	45.8	3.42	45.4	3.33	44.5	3.25	43.5	3.07
	-3.1	-4.0	45.2	3.92	44.4	3.71	43.5	3.50	43.1	3.41	42.2	3.32	41.4	3.14
	-9.0	-9.4	38.8	3.51	38.1	3.33	37.3	3.14	37.0	3.06	36.2	2.97	35.5	2.81
	-12.6	-13.0	34.5	3.22	33.9	3.05	33.2	2.88	32.9	2.81	32.2	2.73	31.6	2.58
	-17.3	-18.4	28.1	2.76	27.6	2.61	27.0	2.47	26.8	2.40	26.2	2.34	25.7	2.20
	-21.8	-22.0	23.8	2.42	23.4	2.29	22.9	2.17	22.7	2.11	22.2	2.05	21.8	1.93

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP0961FT6P-UL/MMY-MUP0961FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	113.4	7.76	111.2	7.34	109.1	6.92	108.0	6.75	105.8	6.58	103.7	6.24
	55.4	53.2	113.4	7.85	111.2	7.43	109.1	7.01	108.0	6.84	105.8	6.66	103.7	6.32
	51.8	49.6	113.4	7.97	111.2	7.54	109.1	7.11	108.0	6.93	105.8	6.76	103.7	6.40
	48.2	46.2	113.4	8.08	111.2	7.64	109.1	7.21	108.0	7.03	105.8	6.85	103.7	6.49
	47.0	43.0	113.4	8.19	111.2	7.75	109.1	7.31	108.0	7.13	105.8	6.95	103.7	6.58
	41.0	39.4	113.4	8.32	111.2	7.88	109.1	7.43	108.0	7.24	105.8	7.06	103.7	6.69
	36.5	35.0	113.4	8.49	111.2	8.04	109.1	7.58	108.0	7.39	105.8	7.20	103.7	6.82
	32.0	30.7	109.2	8.27	107.1	7.83	105.1	7.39	104.0	7.20	101.9	7.02	99.9	6.64
	26.6	25.3	103.9	7.99	101.9	7.56	99.9	7.14	99.0	6.96	97.0	6.77	95.0	6.41
	23.0	21.9	100.5	7.87	98.6	7.45	96.7	7.03	95.8	6.85	93.8	6.67	91.9	6.32
	19.4	18.3	97.0	7.75	95.2	7.34	93.3	6.92	92.4	6.75	90.5	6.57	88.7	6.22
	14.0	13.1	91.9	7.58	90.1	7.17	88.4	6.77	87.5	6.60	85.8	6.42	84.0	6.08
	5.9	5.0	83.9	7.32	82.3	6.93	80.7	6.54	79.9	6.37	78.3	6.20	76.7	5.86
	-3.1	-4.0	74.8	7.02	73.4	6.64	72.0	6.27	71.3	6.11	69.9	5.95	68.4	5.62
	-9.0	-9.4	63.3	6.19	62.1	5.86	60.9	5.54	60.3	5.39	59.1	5.25	57.9	4.96
	-12.6	-13.0	55.6	5.61	54.5	5.31	53.4	5.01	52.9	4.88	51.9	4.75	50.8	4.48
	-17.3	-18.4	44.0	4.66	43.2	4.41	42.3	4.17	41.9	4.06	41.1	3.95	40.2	3.73
	-21.8	-22.0	36.3	3.98	35.6	3.77	34.9	3.56	34.6	3.46	33.9	3.37	33.2	3.18
110	59.0	56.7	115.7	7.79	113.5	7.37	111.3	6.95	110.2	6.78	108.0	6.61	105.8	6.27
	55.4	53.2	115.7	7.89	113.5	7.47	111.3	7.04	110.2	6.87	108.0	6.70	105.8	6.35
	51.8	49.6	115.7	8.00	113.5	7.57	111.3	7.14	110.2	6.97	108.0	6.79	105.8	6.43
	48.2	46.2	115.7	8.12	113.5	7.68	111.3	7.24	110.2	7.06	108.0	6.88	105.8	6.52
	47.0	43.0	115.7	8.23	113.5	7.79	111.3	7.35	110.2	7.16	108.0	6.98	105.8	6.61
	41.0	39.4	115.7	8.36	113.5	7.91	111.3	7.47	110.2	7.28	108.0	7.09	105.8	6.72
	36.5	35.0	115.7	8.53	113.5	8.08	111.3	7.62	110.2	7.43	108.0	7.24	105.8	6.85
	32.0	30.7	111.4	8.31	109.3	7.87	107.2	7.42	106.1	7.24	104.0	7.05	101.8	6.67
	26.6	25.3	106.0	8.03	104.0	7.60	101.9	7.17	100.9	6.99	98.9	6.81	96.9	6.44
	23.0	21.9	102.6	7.91	100.6	7.48	98.6	7.06	97.7	6.88	95.7	6.70	93.8	6.34
	19.4	18.3	98.9	7.79	97.1	7.37	95.2	6.96	94.2	6.78	92.4	6.60	90.5	6.25
	14.0	13.1	93.7	7.61	91.9	7.21	90.1	6.80	89.3	6.63	87.5	6.45	85.7	6.11
	5.9	5.0	85.6	7.35	84.0	6.96	82.3	6.57	81.5	6.40	79.9	6.23	78.3	5.89
	-3.1	-4.0	76.3	7.05	74.9	6.68	73.4	6.30	72.7	6.14	71.3	5.97	69.8	5.64
	-9.0	-9.4	64.5	6.22	63.3	5.89	62.1	5.56	61.5	5.42	60.2	5.27	59.0	4.98
	-12.6	-13.0	56.7	5.63	55.6	5.33	54.5	5.04	54.0	4.90	52.9	4.77	51.8	4.51
	-17.3	-18.4	44.9	4.68	44.0	4.43	43.2	4.19	42.7	4.08	41.9	3.97	41.0	3.74
	-21.8	-22.0	37.0	3.99	36.3	3.78	35.6	3.57	35.3	3.48	34.5	3.38	33.8	3.19
120	59.0	56.7	119.1	7.90	116.8	7.48	114.5	7.05	113.4	6.88	111.1	6.70	108.9	6.36
	55.4	53.2	119.1	8.00	116.8	7.57	114.5	7.14	113.4	6.97	111.1	6.79	108.9	6.44
	51.8	49.6	119.1	8.12	116.8	7.68	114.5	7.25	113.4	7.07	111.1	6.89	108.9	6.53
	48.2	46.2	119.1	8.23	116.8	7.79	114.5	7.35	113.4	7.16	111.1	6.98	108.9	6.62
	47.0	43.0	119.1	8.34	116.8	7.90	114.5	7.45	113.4	7.26	111.1	7.08	108.9	6.71
	41.0	39.4	119.1	8.48	116.8	8.02	114.5	7.57	113.4	7.38	111.1	7.19	108.9	6.81
	36.5	35.0	119.1	8.65	116.8	8.19	114.5	7.73	113.4	7.53	111.1	7.34	108.9	6.95
	32.0	30.7	114.7	8.43	112.5	7.98	110.3	7.53	109.2	7.34	107.0	7.15	104.8	6.77
	26.6	25.3	109.1	8.14	107.0	7.71	104.9	7.27	103.9	7.09	101.8	6.90	99.7	6.53
	23.0	21.9	105.6	8.02	103.6	7.59	101.6	7.16	100.5	6.98	98.5	6.80	96.5	6.43
	19.4	18.3	101.9	7.90	99.9	7.47	98.0	7.05	97.0	6.87	95.1	6.69	93.1	6.34
	14.0	13.1	96.5	7.72	94.6	7.31	92.8	6.90	91.9	6.72	90.0	6.55	88.2	6.19
	5.9	5.0	88.1	7.45	86.4	7.06	84.8	6.66	83.9	6.49	82.2	6.32	80.6	5.97
	-3.1	-4.0	78.6	7.15	77.1	6.77	75.6	6.39	74.8	6.22	73.3	6.06	71.9	5.72
	-9.0	-9.4	66.4	6.31	65.2	5.97	63.9	5.64	63.3	5.49	62.0	5.34	60.7	5.05
	-12.6	-13.0	58.3	5.71	57.2	5.41	56.1	5.11	55.6	4.97	54.5	4.84	53.3	4.57
	-17.3	-18.4	46.2	4.75	45.3	4.50	44.4	4.25	44.0	4.13	43.1	4.02	42.2	3.80
	-21.8	-22.0	38.1	4.05	37.4	3.84	36.7	3.62	36.3	3.53	35.6	3.43	34.8	3.24
130	59.0	56.7	121.9	7.97	119.6	7.54	117.3	7.12	116.1	6.94	113.8	6.76	111.5	6.41
	55.4	53.2	121.9	8.07	119.6	7.64	117.3	7.21	116.1	7.03	113.8	6.85	111.5	6.49
	51.8	49.6	121.9	8.19	119.6	7.75	117.3	7.31	116.1	7.13	113.8	6.95	111.5	6.58
	48.2	46.2	121.9	8.30	119.6	7.86	117.3	7.41	116.1	7.23	113.8	7.04	111.5	6.67
	47.0	43.0	121.9	8.42	119.6	7.97	117.3	7.52	116.1	7.33	113.8	7.14	111.5	6.77
	41.0	39.4	121.9	8.55	119.6	8.10	117.3	7.64	116.1	7.45	113.8	7.26	111.5	6.87
	36.5	35.0	121.9	8.73	119.6	8.26	117.3	7.80	116.1	7.60	113.8	7.40	111.5	7.01
	32.0	30.7	117.4	8.50	115.2	8.05	112.9	7.59	111.8	7.40	109.6	7.21	107.3	6.83
	26.6	25.3	111.7	8.21	109.6	7.77	107.4	7.34	106.4	7.15	104.3	6.96	102.1	6.59
	23.0	21.9	108.1	8.09	106.0	7.66	104.0	7.22	102.9	7.04	100.9	6.86	98.8	6.49
	19.4	18.3	104.3	7.97	102.3	7.54	100.3	7.12	99.3	6.93	97.3	6.75	95.3	6.39
	14.0	13.1	98.8	7.79	96.9	7.37	95.0	6.96	94.1	6.78	92.2	6.60	90.3	6.25
	5.9	5.0	90.2	7.52	88.5	7.12	86.8	6.72	85.9	6.55	84.2	6.37	82.5	6.03
	-3.1	-4.0	80.5	7.21	78.9	6.83	77.4	6.45	76.6	6.28	75.1	6.11	73.6	5.78
	-9.0	-9.4	68.0	6.36	66.7	6.03	65.4	5.69	64.8	5.54	63.5	5.39	62.2	5.09
	-12.6	-13.0	59.7	5.76	58.6	5.46	57.5	5.15	56.9	5.02	55.8	4.88	54.6	4.61
	-17.3	-18.4	47.3	4.79	46.4	4.54	45.5	4.28	45.0	4.17	44.1	4.06	43.2	3.83
	-21.8	-22.0	39.0	4.09	38.3	3.87	37.5	3.66	37.2	3.56	36.4	3.46	35.7	3.27

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	102.1	6.90	100.1	6.53	98.2	6.16	97.2	6.01	95.3	5.86	93.3	5.55
	55.4	53.2	102.1	6.99	100.1	6.62	98.2	6.24	97.2	6.09	95.3	5.93	93.3	5.62
	51.8	49.6	102.1	7.09	100.1	6.71	98.2	6.33	97.2	6.17	95.3	6.02	93.3	5.70
	48.2	46.2	102.1	7.19	100.1	6.81	98.2	6.42	97.2	6.26	95.3	6.10	93.3	5.78
	47.0	43.0	102.1	7.29	100.1	6.90	98.2	6.51	97.2	6.35	95.3	6.19	93.3	5.86
	41.0	39.4	102.1	7.41	100.1	7.01	98.2	6.62	97.2	6.45	95.3	6.28	93.3	5.95
	36.5	35.0	102.1	7.56	100.1	7.16	98.2	6.75	97.2	6.58	95.3	6.41	93.3	6.07
	32.0	30.7	98.3	7.37	96.4	6.97	94.5	6.58	93.6	6.41	91.7	6.25	89.9	5.91
	26.6	25.3	93.5	7.11	91.7	6.73	90.0	6.35	89.1	6.19	87.3	6.03	85.5	5.71
	23.0	21.9	90.5	7.01	88.8	6.63	87.0	6.26	86.2	6.10	84.5	5.94	82.7	5.62
	19.4	18.3	87.3	6.90	85.6	6.53	84.0	6.16	83.1	6.01	81.5	5.85	79.8	5.54
	14.0	13.1	82.7	6.75	81.1	6.39	79.5	6.03	78.8	5.87	77.2	5.72	75.6	5.41
	5.9	5.0	75.5	6.51	74.1	6.17	72.6	5.82	71.9	5.67	70.5	5.52	69.1	5.22
	-3.1	-4.0	67.4	6.25	66.1	5.92	64.8	5.58	64.2	5.44	62.9	5.29	61.6	5.00
	-9.0	-9.4	56.9	5.51	55.9	5.22	54.8	4.93	54.2	4.80	53.2	4.67	52.1	4.41
	-12.6	-13.0	50.0	4.99	49.1	4.73	48.1	4.46	47.6	4.35	46.7	4.23	45.7	3.99
	-17.3	-18.4	39.6	4.15	38.8	3.93	38.1	3.71	37.7	3.61	37.0	3.51	36.2	3.32
	-21.8	-22.0	32.7	3.54	32.0	3.35	31.4	3.17	31.1	3.08	30.5	3.00	29.9	2.83
80	59.0	56.7	90.7	6.07	89.0	5.75	87.3	5.42	86.4	5.29	84.7	5.15	82.9	4.88
	55.4	53.2	90.7	6.15	89.0	5.82	87.3	5.49	86.4	5.35	84.7	5.22	82.9	4.95
	51.8	49.6	90.7	6.24	89.0	5.90	87.3	5.57	86.4	5.43	84.7	5.29	82.9	5.01
	48.2	46.2	90.7	6.32	89.0	5.99	87.3	5.65	86.4	5.51	84.7	5.37	82.9	5.08
	47.0	43.0	90.7	6.41	89.0	6.07	87.3	5.73	86.4	5.58	84.7	5.44	82.9	5.15
	41.0	39.4	90.7	6.52	89.0	6.17	87.3	5.82	86.4	5.67	84.7	5.53	82.9	5.24
	36.5	35.0	90.7	6.65	89.0	6.29	87.3	5.94	86.4	5.79	84.7	5.64	82.9	5.34
	32.0	30.7	87.4	6.48	85.7	6.13	84.0	5.78	83.2	5.64	81.5	5.49	79.9	5.20
	26.6	25.3	83.1	6.26	81.5	5.92	80.0	5.59	79.2	5.45	77.6	5.30	76.0	5.02
	23.0	21.9	80.4	6.16	78.9	5.83	77.4	5.50	76.6	5.36	75.1	5.22	73.5	4.94
	19.4	18.3	77.6	6.07	76.1	5.74	74.6	5.42	73.9	5.28	72.4	5.14	71.0	4.87
	14.0	13.1	73.5	5.93	72.1	5.62	70.7	5.30	70.0	5.17	68.6	5.03	67.2	4.76
	5.9	5.0	67.1	5.73	65.9	5.42	64.6	5.12	63.9	4.99	62.7	4.86	61.4	4.59
	-3.1	-4.0	59.9	5.49	58.7	5.20	57.6	4.91	57.0	4.78	55.9	4.66	54.7	4.40
	-9.0	-9.4	50.6	4.85	49.7	4.59	48.7	4.33	48.2	4.22	47.2	4.11	46.3	3.88
	-12.6	-13.0	44.5	4.39	43.6	4.16	42.8	3.92	42.3	3.82	41.5	3.72	40.6	3.51
	-17.3	-18.4	35.2	3.65	34.5	3.46	33.9	3.26	33.5	3.18	32.9	3.09	32.2	2.92
	-21.8	-22.0	29.0	3.11	28.5	2.95	27.9	2.78	27.6	2.71	27.1	2.64	26.5	2.49
70	59.0	56.7	79.4	5.26	77.9	4.98	76.4	4.69	75.6	4.58	74.1	4.46	72.6	4.23
	55.4	53.2	79.4	5.33	77.9	5.04	76.4	4.75	75.6	4.64	74.1	4.52	72.6	4.28
	51.8	49.6	79.4	5.40	77.9	5.11	76.4	4.82	75.6	4.70	74.1	4.58	72.6	4.34
	48.2	46.2	79.4	5.48	77.9	5.18	76.4	4.89	75.6	4.77	74.1	4.65	72.6	4.40
	47.0	43.0	79.4	5.55	77.9	5.25	76.4	4.96	75.6	4.83	74.1	4.71	72.6	4.46
	41.0	39.4	79.4	5.64	77.9	5.34	76.4	5.04	75.6	4.91	74.1	4.79	72.6	4.53
	36.5	35.0	79.4	5.76	77.9	5.45	76.4	5.14	75.6	5.01	74.1	4.88	72.6	4.62
	32.0	30.7	76.4	5.61	75.0	5.31	73.5	5.01	72.8	4.88	71.4	4.76	69.9	4.50
	26.6	25.3	72.7	5.42	71.3	5.13	70.0	4.84	69.3	4.72	67.9	4.59	66.5	4.35
	23.0	21.9	70.4	5.33	69.0	5.05	67.7	4.77	67.0	4.64	65.7	4.52	64.3	4.28
	19.4	18.3	67.9	5.25	66.6	4.97	65.3	4.69	64.7	4.57	63.4	4.45	62.1	4.22
	14.0	13.1	64.3	5.14	63.1	4.86	61.9	4.59	61.3	4.47	60.0	4.36	58.8	4.12
	5.9	5.0	58.7	4.96	57.6	4.70	56.5	4.43	55.9	4.32	54.8	4.20	53.7	3.98
	-3.1	-4.0	52.4	4.76	51.4	4.50	50.4	4.25	49.9	4.14	48.9	4.03	47.9	3.81
	-9.0	-9.4	44.3	4.20	43.5	3.98	42.6	3.75	42.2	3.65	41.3	3.56	40.5	3.36
	-12.6	-13.0	38.9	3.80	38.2	3.60	37.4	3.40	37.0	3.31	36.3	3.22	35.6	3.04
	-17.3	-18.4	30.8	3.16	30.2	2.99	29.6	2.83	29.3	2.75	28.7	2.68	28.2	2.53
	-21.8	-22.0	25.4	2.70	24.9	2.55	24.4	2.41	24.2	2.35	23.7	2.28	23.2	2.15

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1201FT6P-UL/MMY-MUP1201FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	141.8	10.05	139.1	9.51	136.4	8.97	135.0	8.75	132.3	8.53	129.6	8.08
	55.4	53.2	141.8	10.18	139.1	9.63	136.4	9.08	135.0	8.86	132.3	8.63	129.6	8.18
	51.8	49.6	141.8	10.32	139.1	9.77	136.4	9.21	135.0	8.99	132.3	8.76	129.6	8.30
	48.2	46.2	141.8	10.47	139.1	9.91	136.4	9.34	135.0	9.11	132.3	8.88	129.6	8.41
	47.0	43.0	141.8	10.61	139.1	10.04	136.4	9.47	135.0	9.24	132.3	9.00	129.6	8.53
	41.0	39.4	137.3	10.22	134.7	9.67	132.1	9.12	130.8	8.89	128.2	8.67	125.6	8.21
	36.5	35.0	131.2	9.98	128.7	9.45	126.2	8.91	125.0	8.69	122.5	8.47	120.0	8.02
	32.0	30.7	125.1	9.70	122.7	9.18	120.3	8.66	119.1	8.45	116.7	8.23	114.4	7.79
	26.6	25.3	117.4	9.35	115.2	8.85	113.0	8.35	111.8	8.14	109.6	7.92	107.4	7.50
	23.0	21.9	112.6	9.12	110.4	8.63	108.3	8.14	107.2	7.94	105.1	7.73	102.9	7.32
	19.4	18.3	107.5	8.87	105.4	8.40	103.4	7.93	102.4	7.72	100.3	7.52	98.3	7.12
	14.0	13.1	100.1	8.51	98.2	8.06	96.3	7.61	95.3	7.41	93.4	7.22	91.5	6.83
	5.9	5.0	88.6	7.93	86.9	7.51	85.2	7.09	84.4	6.91	82.7	6.72	81.0	6.36
	-3.1	-4.0	71.1	6.79	69.7	6.43	68.3	6.07	67.7	5.91	66.3	5.76	65.0	5.44
	-9.0	-9.4	60.5	6.05	59.4	5.73	58.2	5.41	57.6	5.27	56.5	5.13	55.3	4.84
	-12.6	-13.0	53.5	5.52	52.5	5.23	51.5	4.94	51.0	4.81	49.9	4.68	48.9	4.42
	-17.3	-18.4	43.0	4.67	42.2	4.43	41.3	4.18	40.9	4.07	40.1	3.96	39.3	3.74
	-21.8	-22.0	36.0	4.06	35.3	3.84	34.6	3.63	34.3	3.53	33.6	3.44	32.9	3.24
110	59.0	56.7	144.6	10.10	141.8	9.55	139.1	9.01	137.7	8.79	134.9	8.57	132.2	8.12
	55.4	53.2	144.6	10.22	141.8	9.68	139.1	9.13	137.7	8.90	134.9	8.67	132.2	8.22
	51.8	49.6	144.6	10.37	141.8	9.81	139.1	9.26	137.7	9.03	134.9	8.80	132.2	8.34
	48.2	46.2	144.6	10.51	141.8	9.95	139.1	9.39	137.7	9.15	134.9	8.92	132.2	8.45
	47.0	43.0	144.6	10.66	141.8	10.09	139.1	9.52	137.7	9.28	134.9	9.04	132.2	8.57
	41.0	39.4	140.1	10.27	137.4	9.72	134.7	9.17	133.4	8.94	130.7	8.71	128.1	8.25
	36.5	35.0	133.8	10.03	131.3	9.49	128.7	8.96	127.5	8.73	124.9	8.51	122.4	8.06
	32.0	30.7	127.6	9.75	125.2	9.23	122.7	8.70	121.5	8.49	119.1	8.27	116.6	7.83
	26.6	25.3	119.8	9.39	117.5	8.89	115.2	8.39	114.1	8.17	111.8	7.96	109.5	7.54
	23.0	21.9	114.8	9.16	112.6	8.67	110.5	8.18	109.4	7.97	107.2	7.77	105.0	7.35
	19.4	18.3	109.6	8.91	107.5	8.44	105.4	7.96	104.4	7.76	102.3	7.56	100.2	7.15
	14.0	13.1	102.1	8.55	100.1	8.10	98.2	7.64	97.2	7.44	95.3	7.25	93.3	6.86
	5.9	5.0	90.4	7.97	88.6	7.55	86.9	7.12	86.1	6.94	84.3	6.76	82.6	6.39
	-3.1	-4.0	72.5	6.83	71.1	6.46	69.7	6.10	69.0	5.94	67.6	5.78	66.3	5.47
	-9.0	-9.4	61.7	6.08	60.6	5.76	59.4	5.43	58.8	5.29	57.6	5.15	56.4	4.87
	-12.6	-13.0	54.6	5.55	53.5	5.26	52.5	4.96	52.0	4.83	50.9	4.70	49.9	4.44
	-17.3	-18.4	43.8	4.70	43.0	4.45	42.2	4.20	41.8	4.09	40.9	3.98	40.1	3.75
	-21.8	-22.0	36.7	4.08	36.0	3.86	35.3	3.65	34.9	3.55	34.2	3.45	33.5	3.26
120	59.0	56.7	148.8	10.24	146.0	9.69	143.2	9.14	141.8	8.91	138.9	8.69	136.1	8.23
	55.4	53.2	148.8	10.37	146.0	9.81	143.2	9.26	141.8	9.03	138.9	8.80	136.1	8.34
	51.8	49.6	148.8	10.52	146.0	9.95	143.2	9.39	141.8	9.15	138.9	8.92	136.1	8.45
	48.2	46.2	148.8	10.66	146.0	10.09	143.2	9.52	141.8	9.28	138.9	9.05	136.1	8.57
	47.0	43.0	148.8	10.81	146.0	10.23	143.2	9.65	141.8	9.41	138.9	9.17	136.1	8.69
	41.0	39.4	144.2	10.41	141.4	9.85	138.7	9.30	137.3	9.06	134.6	8.83	131.8	8.36
	36.5	35.0	137.8	10.17	135.1	9.63	132.5	9.08	131.2	8.85	128.6	8.63	126.0	8.17
	32.0	30.7	131.3	9.89	128.8	9.36	126.3	8.83	125.1	8.61	122.6	8.38	120.1	7.94
	26.6	25.3	123.3	9.52	120.9	9.01	118.6	8.50	117.4	8.29	115.1	8.07	112.7	7.64
	23.0	21.9	118.2	9.29	116.0	8.79	113.7	8.30	112.6	8.09	110.3	7.88	108.1	7.45
	19.4	18.3	112.8	9.04	110.7	8.56	108.5	8.08	107.5	7.87	105.3	7.66	103.2	7.25
	14.0	13.1	105.1	8.67	103.1	8.21	101.1	7.75	100.1	7.55	98.1	7.35	96.1	6.96
	5.9	5.0	93.0	8.08	91.3	7.65	89.5	7.22	88.6	7.04	86.8	6.85	85.1	6.48
	-3.1	-4.0	74.6	6.92	73.2	6.56	71.8	6.19	71.1	6.03	69.6	5.87	68.2	5.54
	-9.0	-9.4	63.6	6.17	62.3	5.84	61.1	5.51	60.5	5.37	59.3	5.22	58.1	4.93
	-12.6	-13.0	56.2	5.63	55.1	5.33	54.0	5.03	53.5	4.90	52.4	4.77	51.4	4.50
	-17.3	-18.4	45.1	4.76	44.3	4.51	43.4	4.26	43.0	4.15	42.1	4.03	41.3	3.81
	-21.8	-22.0	37.8	4.13	37.0	3.92	36.3	3.70	36.0	3.60	35.2	3.50	34.5	3.30
130	59.0	56.7	152.4	10.33	149.5	9.77	146.6	9.22	145.1	8.99	142.2	8.76	139.3	8.31
	55.4	53.2	152.4	10.46	149.5	9.90	146.6	9.34	145.1	9.11	142.2	8.88	139.3	8.41
	51.8	49.6	152.4	10.61	149.5	10.04	146.6	9.47	145.1	9.24	142.2	9.00	139.3	8.53
	48.2	46.2	152.4	10.76	149.5	10.18	146.6	9.60	145.1	9.37	142.2	9.13	139.3	8.65
	47.0	43.0	152.4	10.91	149.5	10.32	146.6	9.74	145.1	9.50	142.2	9.25	139.3	8.77
	41.0	39.4	147.6	10.50	144.8	9.94	142.0	9.38	140.6	9.14	137.8	8.91	135.0	8.44
	36.5	35.0	141.0	10.26	138.4	9.71	135.7	9.16	134.3	8.93	131.6	8.70	129.0	8.24
	32.0	30.7	134.5	9.97	131.9	9.44	129.3	8.91	128.1	8.68	125.5	8.46	122.9	8.01
	26.6	25.3	126.2	9.61	123.8	9.09	121.4	8.58	120.2	8.36	117.8	8.15	115.4	7.71
	23.0	21.9	121.0	9.37	118.7	8.87	116.4	8.37	115.3	8.16	113.0	7.95	110.6	7.52
	19.4	18.3	115.5	9.12	113.3	8.63	111.1	8.15	110.0	7.94	107.8	7.73	105.6	7.32
	14.0	13.1	107.6	8.75	105.5	8.28	103.5	7.82	102.5	7.62	100.4	7.42	98.4	7.02
	5.9	5.0	95.2	8.16	93.4	7.72	91.6	7.29	90.7	7.10	88.9	6.91	87.1	6.54
	-3.1	-4.0	76.4	6.98	74.9	6.61	73.5	6.24	72.7	6.08	71.3	5.92	69.8	5.59
	-9.0	-9.4	65.1	6.22	63.8	5.89	62.6	5.56	62.0	5.41	60.7	5.27	59.5	4.98
	-12.6	-13.0	57.5	5.68	56.4	5.38	55.3	5.08	54.8	4.94	53.7	4.81	52.6	4.54
	-17.3	-18.4	46.2	4.80	45.3	4.55	44.4	4.30	44.0	4.18	43.1	4.07	42.2	3.84
	-21.8	-22.0	38.7	4.17	37.9	3.95	37.2	3.73	36.8	3.63	36.1	3.53	35.4	3.33

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	127.6	8.95	125.1	8.47	122.7	7.99	121.5	7.79	119.1	7.59	116.6	7.20
	55.4	53.2	127.6	9.06	125.1	8.58	122.7	8.09	121.5	7.89	119.1	7.69	116.6	7.29
	51.8	49.6	127.6	9.19	125.1	8.70	122.7	8.20	121.5	8.00	119.1	7.80	116.6	7.39
	48.2	46.2	127.6	9.32	125.1	8.82	122.7	8.32	121.5	8.11	119.1	7.90	116.6	7.49
	47.0	43.0	127.6	9.45	125.1	8.94	122.7	8.44	121.5	8.22	119.1	8.01	116.6	7.59
	41.0	39.4	123.6	9.10	121.2	8.61	118.9	8.12	117.7	7.92	115.4	7.72	113.0	7.31
	36.5	35.0	118.1	8.89	115.8	8.41	113.6	7.94	112.5	7.74	110.2	7.54	108.0	7.14
	32.0	30.7	112.6	8.64	110.4	8.18	108.3	7.71	107.2	7.52	105.1	7.33	102.9	6.94
	26.6	25.3	105.7	8.32	103.7	7.88	101.7	7.43	100.7	7.24	98.6	7.06	96.6	6.68
	23.0	21.9	101.3	8.12	99.4	7.68	97.5	7.25	96.5	7.07	94.6	6.88	92.6	6.51
	19.4	18.3	96.7	7.90	94.9	7.48	93.0	7.06	92.1	6.88	90.3	6.70	88.4	6.34
	14.0	13.1	90.1	7.58	88.4	7.17	86.6	6.77	85.8	6.60	84.1	6.42	82.3	6.08
	5.9	5.0	79.7	7.06	78.2	6.69	76.7	6.31	75.9	6.15	74.4	5.99	72.9	5.66
	-3.1	-4.0	63.9	6.05	62.7	5.73	61.5	5.41	60.9	5.27	59.7	5.13	58.5	4.84
	-9.0	-9.4	54.5	5.39	53.4	5.10	52.4	4.82	51.9	4.69	50.8	4.56	49.8	4.31
	-12.6	-13.0	48.2	4.92	47.2	4.66	46.3	4.40	45.9	4.28	44.9	4.17	44.0	3.93
	-17.3	-18.4	38.7	4.16	38.0	3.94	37.2	3.72	36.8	3.62	36.1	3.52	35.4	3.33
	-21.8	-22.0	32.4	3.61	31.8	3.42	31.1	3.23	30.8	3.15	30.2	3.06	29.6	2.89
80	59.0	56.7	113.4	7.87	111.2	7.45	109.1	7.02	108.0	6.85	105.8	6.68	103.7	6.33
	55.4	53.2	113.4	7.97	111.2	7.54	109.1	7.11	108.0	6.94	105.8	6.76	103.7	6.41
	51.8	49.6	113.4	8.08	111.2	7.65	109.1	7.21	108.0	7.04	105.8	6.86	103.7	6.50
	48.2	46.2	113.4	8.20	111.2	7.76	109.1	7.32	108.0	7.13	105.8	6.95	103.7	6.59
	47.0	43.0	113.4	8.31	111.2	7.86	109.1	7.42	108.0	7.23	105.8	7.05	103.7	6.68
	41.0	39.4	109.9	8.00	107.8	7.57	105.7	7.14	104.6	6.96	102.5	6.79	100.4	6.43
	36.5	35.0	105.0	7.82	103.0	7.40	101.0	6.98	100.0	6.80	98.0	6.63	96.0	6.28
	32.0	30.7	100.1	7.60	98.2	7.19	96.3	6.78	95.3	6.61	93.4	6.44	91.5	6.10
	26.6	25.3	93.9	7.32	92.2	6.93	90.4	6.54	89.5	6.37	87.7	6.21	85.9	5.87
	23.0	21.9	90.1	7.14	88.3	6.76	86.6	6.38	85.8	6.21	84.1	6.05	82.3	5.73
	19.4	18.3	86.0	6.95	84.3	6.58	82.7	6.21	81.9	6.05	80.2	5.89	78.6	5.57
	14.0	13.1	80.1	6.67	78.5	6.31	77.0	5.95	76.2	5.80	74.7	5.65	73.2	5.35
	5.9	5.0	70.9	6.21	69.5	5.88	68.2	5.55	67.5	5.41	66.2	5.27	64.8	4.98
	-3.1	-4.0	56.8	5.32	55.8	5.04	54.7	4.76	54.1	4.63	53.1	4.51	52.0	4.26
	-9.0	-9.4	48.4	4.74	47.5	4.49	46.6	4.24	46.1	4.12	45.2	4.01	44.3	3.79
	-12.6	-13.0	42.8	4.33	42.0	4.10	41.2	3.87	40.8	3.77	40.0	3.66	39.1	3.46
	-17.3	-18.4	34.4	3.66	33.7	3.47	33.1	3.27	32.8	3.19	32.1	3.10	31.4	2.93
	-21.8	-22.0	28.8	3.18	28.2	3.01	27.7	2.84	27.4	2.77	26.9	2.69	26.3	2.54
70	59.0	56.7	99.2	6.81	97.3	6.45	95.4	6.08	94.5	5.93	92.6	5.78	90.7	5.48
	55.4	53.2	99.2	6.90	97.3	6.53	95.4	6.16	94.5	6.01	92.6	5.85	90.7	5.55
	51.8	49.6	99.2	7.00	97.3	6.62	95.4	6.25	94.5	6.09	92.6	5.94	90.7	5.63
	48.2	46.2	99.2	7.10	97.3	6.72	95.4	6.33	94.5	6.18	92.6	6.02	90.7	5.70
	47.0	43.0	99.2	7.19	97.3	6.81	95.4	6.42	94.5	6.26	92.6	6.10	90.7	5.78
	41.0	39.4	96.1	6.93	94.3	6.56	92.5	6.19	91.6	6.03	89.7	5.88	87.9	5.57
	36.5	35.0	91.8	6.77	90.1	6.41	88.3	6.04	87.5	5.89	85.7	5.74	84.0	5.44
	32.0	30.7	87.6	6.58	85.9	6.23	84.2	5.87	83.4	5.73	81.7	5.58	80.1	5.28
	26.6	25.3	82.2	6.34	80.6	6.00	79.1	5.66	78.3	5.52	76.7	5.37	75.2	5.09
	23.0	21.9	78.8	6.18	77.3	5.85	75.8	5.52	75.1	5.38	73.6	5.24	72.0	4.96
	19.4	18.3	75.2	6.02	73.8	5.69	72.4	5.37	71.6	5.24	70.2	5.10	68.8	4.83
	14.0	13.1	70.1	5.77	68.7	5.46	67.4	5.16	66.7	5.02	65.4	4.89	64.0	4.63
	5.9	5.0	62.0	5.38	60.8	5.09	59.7	4.81	59.1	4.68	57.9	4.56	56.7	4.31
	-3.1	-4.0	49.7	4.61	48.8	4.36	47.8	4.12	47.4	4.01	46.4	3.90	45.5	3.69
	-9.0	-9.4	42.4	4.10	41.6	3.88	40.8	3.67	40.4	3.57	39.5	3.48	38.7	3.28
	-12.6	-13.0	37.5	3.74	36.7	3.55	36.0	3.35	35.7	3.26	35.0	3.17	34.2	3.00
	-17.3	-18.4	30.1	3.17	29.5	3.00	28.9	2.83	28.7	2.76	28.1	2.68	27.5	2.53
	-21.8	-22.0	25.2	2.75	24.7	2.61	24.2	2.46	24.0	2.40	23.5	2.33	23.0	2.20

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1441FT6P-UL/MMY-MUP1441FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	170.1	12.41	166.9	11.75	163.6	11.08	162.0	10.81	158.8	10.53	155.5	9.98
	55.4	53.2	170.1	12.57	166.9	11.90	163.6	11.22	162.0	10.94	158.8	10.67	155.5	10.11
	51.8	49.6	170.1	12.75	166.9	12.07	163.6	11.38	162.0	11.10	158.8	10.82	155.5	10.25
	48.2	46.2	170.1	12.93	166.9	12.24	163.6	11.54	162.0	11.26	158.8	10.97	155.5	10.39
	47.0	43.0	170.1	13.11	166.9	12.41	163.6	11.70	162.0	11.41	158.8	11.12	155.5	10.53
	41.0	39.4	170.1	13.32	166.9	12.61	163.6	11.89	162.0	11.60	158.8	11.30	155.5	10.70
	36.5	35.0	170.1	13.59	166.9	12.87	163.6	12.14	162.0	11.83	158.8	11.53	155.5	10.92
	32.0	30.7	160.9	12.97	157.9	12.28	154.8	11.58	153.3	11.29	150.2	11.00	147.1	10.42
	26.6	25.3	149.3	12.16	146.4	11.51	143.6	10.86	142.2	10.59	139.3	10.31	136.5	9.76
	23.0	21.9	141.9	11.74	139.2	11.11	136.5	10.49	135.2	10.22	132.5	9.95	129.8	9.42
	19.4	18.3	134.2	11.30	131.6	10.70	129.1	10.09	127.8	9.84	125.2	9.58	122.7	9.07
	14.0	13.1	122.9	10.65	120.6	10.08	118.2	9.51	117.1	9.27	114.7	9.02	112.4	8.54
	5.9	5.0	105.5	9.58	103.5	9.07	101.4	8.56	100.4	8.34	98.4	8.12	96.4	7.67
	-3.1	-4.0	86.8	8.43	85.1	7.99	83.4	7.54	82.6	7.34	81.0	7.15	79.3	6.75
	-9.0	-9.4	72.4	7.38	71.1	6.99	69.7	6.60	69.0	6.42	67.6	6.25	66.2	5.90
	-12.6	-13.0	62.9	6.63	61.7	6.28	60.5	5.93	59.9	5.77	58.7	5.61	57.5	5.30
	-17.3	-18.4	48.6	5.42	47.7	5.13	46.7	4.84	46.3	4.72	45.4	4.59	44.4	4.33
	-21.8	-22.0	39.1	4.54	38.3	4.30	37.6	4.06	37.2	3.95	36.5	3.84	35.7	3.63
110	59.0	56.7	173.5	12.47	170.2	11.80	166.9	11.13	165.2	10.86	161.9	10.58	158.6	10.03
	55.4	53.2	173.5	12.63	170.2	11.95	166.9	11.27	165.2	11.00	161.9	10.72	158.6	10.16
	51.8	49.6	173.5	12.81	170.2	12.12	166.9	11.43	165.2	11.15	161.9	10.87	158.6	10.30
	48.2	46.2	173.5	12.99	170.2	12.29	166.9	11.60	165.2	11.31	161.9	11.02	158.6	10.44
	47.0	43.0	173.5	13.17	170.2	12.46	166.9	11.76	165.2	11.46	161.9	11.17	158.6	10.58
	41.0	39.4	173.5	13.38	170.2	12.67	166.9	11.95	165.2	11.65	161.9	11.35	158.6	10.75
	36.5	35.0	173.5	13.66	170.2	12.93	166.9	12.19	165.2	11.89	161.9	11.58	158.6	10.97
	32.0	30.7	164.1	13.03	161.0	12.33	157.9	11.64	156.3	11.34	153.2	11.05	150.1	10.46
	26.6	25.3	152.3	12.22	149.4	11.57	146.5	10.91	145.0	10.64	142.1	10.36	139.2	9.81
	23.0	21.9	144.8	11.80	142.0	11.17	139.2	10.54	137.9	10.27	135.1	10.00	132.3	9.47
	19.4	18.3	136.8	11.35	134.2	10.75	131.6	10.14	130.3	9.88	127.7	9.63	125.1	9.11
	14.0	13.1	125.4	10.69	123.0	10.12	120.6	9.55	119.4	9.31	117.0	9.07	114.6	8.58
	5.9	5.0	107.6	9.62	105.5	9.11	103.5	8.60	102.4	8.38	100.4	8.15	98.4	7.71
	-3.1	-4.0	88.5	8.47	86.8	8.02	85.1	7.57	84.3	7.38	82.6	7.18	80.9	6.78
	-9.0	-9.4	73.9	7.41	72.5	7.02	71.1	6.63	70.4	6.45	69.0	6.28	67.6	5.93
	-12.6	-13.0	64.2	6.66	62.9	6.31	61.7	5.95	61.1	5.80	59.9	5.64	58.7	5.33
	-17.3	-18.4	49.6	5.44	48.6	5.15	47.7	4.87	47.2	4.74	46.3	4.61	45.3	4.35
	-21.8	-22.0	39.8	4.56	39.1	4.32	38.3	4.08	37.9	3.97	37.2	3.86	36.4	3.64
120	59.0	56.7	178.6	12.65	175.2	11.97	171.8	11.29	170.1	11.01	166.7	10.73	163.3	10.17
	55.4	53.2	178.6	12.81	175.2	12.12	171.8	11.43	170.1	11.15	166.7	10.87	163.3	10.30
	51.8	49.6	178.6	12.99	175.2	12.29	171.8	11.60	170.1	11.31	166.7	11.02	163.3	10.44
	48.2	46.2	178.6	13.17	175.2	12.47	171.8	11.76	170.1	11.47	166.7	11.17	163.3	10.59
	47.0	43.0	178.6	13.36	175.2	12.64	171.8	11.92	170.1	11.63	166.7	11.33	163.3	10.73
	41.0	39.4	178.6	13.57	175.2	12.84	171.8	12.12	170.1	11.81	166.7	11.51	163.3	10.90
	36.5	35.0	178.6	13.85	175.2	13.11	171.8	12.37	170.1	12.06	166.7	11.75	163.3	11.12
	32.0	30.7	169.0	13.22	165.7	12.51	162.5	11.80	160.9	11.51	157.7	11.21	154.5	10.61
	26.6	25.3	156.8	12.39	153.8	11.73	150.8	11.07	149.3	10.79	146.3	10.51	143.3	9.95
	23.0	21.9	149.0	11.96	146.2	11.32	143.3	10.68	141.9	10.41	139.1	10.14	136.2	9.60
	19.4	18.3	140.9	11.51	138.2	10.90	135.5	10.29	134.2	10.02	131.5	9.76	128.8	9.24
	14.0	13.1	129.1	10.85	126.6	10.27	124.1	9.69	122.9	9.44	120.5	9.19	118.0	8.70
	5.9	5.0	110.7	9.76	108.6	9.24	106.5	8.72	105.5	8.49	103.4	8.27	101.2	7.82
	-3.1	-4.0	91.1	8.59	89.4	8.14	87.6	7.68	86.8	7.48	85.0	7.28	83.3	6.88
	-9.0	-9.4	76.1	7.52	74.6	7.12	73.2	6.72	72.4	6.54	71.0	6.37	69.5	6.02
	-12.6	-13.0	66.0	6.75	64.8	6.40	63.5	6.04	62.9	5.88	61.6	5.72	60.4	5.40
	-17.3	-18.4	51.0	5.52	50.1	5.23	49.1	4.94	48.6	4.80	47.6	4.67	46.7	4.41
	-21.8	-22.0	41.0	4.62	40.2	4.38	39.4	4.14	39.1	4.03	38.3	3.92	37.5	3.69
130	59.0	56.7	182.9	12.76	179.4	12.07	175.9	11.39	174.2	11.11	170.7	10.83	167.2	10.26
	55.4	53.2	182.9	12.92	179.4	12.23	175.9	11.54	174.2	11.25	170.7	10.96	167.2	10.39
	51.8	49.6	182.9	13.11	179.4	12.40	175.9	11.70	174.2	11.41	170.7	11.12	167.2	10.54
	48.2	46.2	182.9	13.29	179.4	12.58	175.9	11.86	174.2	11.57	170.7	11.27	167.2	10.68
	47.0	43.0	182.9	13.47	179.4	12.75	175.9	12.03	174.2	11.73	170.7	11.43	167.2	10.83
	41.0	39.4	182.9	13.69	179.4	12.96	175.9	12.23	174.2	11.92	170.7	11.61	167.2	11.00
	36.5	35.0	182.9	13.97	179.4	13.22	175.9	12.48	174.2	12.16	170.7	11.85	167.2	11.22
	32.0	30.7	173.0	13.33	169.7	12.62	166.4	11.91	164.8	11.61	161.5	11.31	158.2	10.71
	26.6	25.3	160.5	12.50	157.4	11.83	154.4	11.16	152.8	10.88	149.8	10.60	146.7	10.03
	23.0	21.9	152.6	12.07	149.7	11.42	146.7	10.78	145.3	10.51	142.4	10.23	139.5	9.68
	19.4	18.3	144.2	11.62	141.5	11.00	138.7	10.38	137.4	10.11	134.6	9.85	131.9	9.32
	14.0	13.1	132.1	10.94	129.6	10.36	127.1	9.78	125.8	9.53	123.3	9.28	120.8	8.78
	5.9	5.0	113.4	9.84	111.2	9.32	109.1	8.80	108.0	8.57	105.8	8.34	103.7	7.89
	-3.1	-4.0	93.3	8.67	91.5	8.21	89.7	7.75	88.8	7.55	87.0	7.35	85.3	6.94
	-9.0	-9.4	77.9	7.58	76.4	7.18	74.9	6.78	74.2	6.60	72.7	6.42	71.2	6.07
	-12.6	-13.0	67.6	6.81	66.3	6.45	65.0	6.09	64.4	5.93	63.1	5.77	61.8	5.45
	-17.3	-18.4	52.2	5.57	51.2	5.27	50.2	4.98	49.8	4.85	48.8	4.72	47.8	4.45
	-21.8	-22.0	42.0	4.66	41.2	4.42	40.4	4.17	40.0	4.06	39.2	3.95	38.4	3.73

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	153.1	11.05	150.2	10.46	147.3	9.86	145.8	9.62	142.9	9.38	140.0	8.89
	55.4	53.2	153.1	11.19	150.2	10.59	147.3	9.99	145.8	9.74	142.9	9.50	140.0	9.00
	51.8	49.6	153.1	11.35	150.2	10.74	147.3	10.13	145.8	9.88	142.9	9.63	140.0	9.13
	48.2	46.2	153.1	11.51	150.2	10.89	147.3	10.28	145.8	10.02	142.9	9.76	140.0	9.25
	47.0	43.0	153.1	11.67	150.2	11.05	147.3	10.42	145.8	10.16	142.9	9.90	140.0	9.38
	41.0	39.4	153.1	11.86	150.2	11.22	147.3	10.59	145.8	10.32	142.9	10.06	140.0	9.53
	36.5	35.0	153.1	12.10	150.2	11.45	147.3	10.81	145.8	10.54	142.9	10.26	140.0	9.72
	32.0	30.7	144.8	11.55	142.1	10.93	139.3	10.31	137.9	10.05	135.2	9.79	132.4	9.27
	26.6	25.3	134.4	10.83	131.8	10.25	129.2	9.67	128.0	9.43	125.4	9.18	122.8	8.69
	23.0	21.9	127.7	10.45	125.3	9.89	122.9	9.34	121.6	9.10	119.2	8.86	116.8	8.39
	19.4	18.3	120.7	10.06	118.4	9.52	116.1	8.99	115.0	8.76	112.7	8.53	110.4	8.07
	14.0	13.1	110.6	9.48	108.5	8.97	106.4	8.47	105.4	8.25	103.2	8.03	101.1	7.60
	5.9	5.0	94.9	8.53	93.1	8.07	91.3	7.62	90.4	7.42	88.6	7.23	86.8	6.83
	-3.1	-4.0	78.1	7.51	76.6	7.11	75.1	6.71	74.4	6.54	72.9	6.36	71.4	6.01
	-9.0	-9.4	65.2	6.57	64.0	6.22	62.7	5.87	62.1	5.72	60.9	5.57	59.6	5.26
	-12.6	-13.0	56.6	5.90	55.5	5.59	54.5	5.28	53.9	5.14	52.8	5.00	51.8	4.72
	-17.3	-18.4	43.7	4.82	42.9	4.57	42.1	4.31	41.7	4.20	40.8	4.08	40.0	3.86
	-21.8	-22.0	35.1	4.04	34.5	3.83	33.8	3.61	33.5	3.52	32.8	3.42	32.1	3.23
80	59.0	56.7	136.1	9.72	133.5	9.20	130.9	8.68	129.6	8.46	127.0	8.25	124.4	7.82
	55.4	53.2	136.1	9.84	133.5	9.32	130.9	8.79	129.6	8.57	127.0	8.35	124.4	7.92
	51.8	49.6	136.1	9.98	133.5	9.45	130.9	8.91	129.6	8.69	127.0	8.47	124.4	8.03
	48.2	46.2	136.1	10.12	133.5	9.58	130.9	9.04	129.6	8.81	127.0	8.59	124.4	8.14
	47.0	43.0	136.1	10.26	133.5	9.71	130.9	9.16	129.6	8.94	127.0	8.71	124.4	8.25
	41.0	39.4	136.1	10.43	133.5	9.87	130.9	9.31	129.6	9.08	127.0	8.85	124.4	8.38
	36.5	35.0	136.1	10.64	133.5	10.07	130.9	9.50	129.6	9.27	127.0	9.03	124.4	8.55
	32.0	30.7	128.7	10.16	126.3	9.61	123.8	9.07	122.6	8.84	120.2	8.61	117.7	8.16
	26.6	25.3	119.4	9.52	117.2	9.01	114.9	8.51	113.7	8.29	111.5	8.07	109.2	7.64
	23.0	21.9	113.5	9.19	111.4	8.70	109.2	8.21	108.1	8.00	106.0	7.79	103.8	7.38
	19.4	18.3	107.3	8.85	105.3	8.38	103.2	7.90	102.2	7.70	100.2	7.50	98.1	7.10
	14.0	13.1	98.3	8.34	96.5	7.89	94.6	7.45	93.6	7.26	91.8	7.07	89.9	6.68
	5.9	5.0	84.4	7.50	82.8	7.10	81.2	6.70	80.4	6.53	78.7	6.36	77.1	6.01
	-3.1	-4.0	69.4	6.60	68.1	6.25	66.8	5.90	66.1	5.75	64.8	5.60	63.5	5.29
	-9.0	-9.4	58.0	5.78	56.8	5.47	55.7	5.16	55.2	5.03	54.1	4.89	53.0	4.62
	-12.6	-13.0	50.3	5.19	49.4	4.92	48.4	4.64	47.9	4.52	47.0	4.40	46.0	4.15
	-17.3	-18.4	38.9	4.24	38.1	4.02	37.4	3.79	37.0	3.69	36.3	3.59	35.5	3.39
	-21.8	-22.0	31.2	3.55	30.6	3.37	30.1	3.18	29.8	3.09	29.2	3.01	28.6	2.84
70	59.0	56.7	119.1	8.42	116.8	7.96	114.5	7.51	113.4	7.33	111.1	7.14	108.9	6.77
	55.4	53.2	119.1	8.52	116.8	8.07	114.5	7.61	113.4	7.42	111.1	7.23	108.9	6.85
	51.8	49.6	119.1	8.64	116.8	8.18	114.5	7.72	113.4	7.52	111.1	7.33	108.9	6.95
	48.2	46.2	119.1	8.77	116.8	8.30	114.5	7.83	113.4	7.63	111.1	7.44	108.9	7.05
	47.0	43.0	119.1	8.89	116.8	8.41	114.5	7.93	113.4	7.74	111.1	7.54	108.9	7.14
	41.0	39.4	119.1	9.03	116.8	8.55	114.5	8.06	113.4	7.86	111.1	7.66	108.9	7.26
	36.5	35.0	119.1	9.22	116.8	8.72	114.5	8.23	113.4	8.02	111.1	7.82	108.9	7.40
	32.0	30.7	112.6	8.79	110.5	8.32	108.4	7.85	107.3	7.66	105.1	7.46	103.0	7.06
	26.6	25.3	104.5	8.24	102.5	7.80	100.5	7.36	99.5	7.18	97.5	6.99	95.5	6.62
	23.0	21.9	99.3	7.96	97.5	7.53	95.6	7.11	94.6	6.93	92.7	6.75	90.8	6.39
	19.4	18.3	93.9	7.66	92.1	7.25	90.3	6.84	89.4	6.67	87.7	6.50	85.9	6.15
	14.0	13.1	86.0	7.22	84.4	6.83	82.8	6.45	81.9	6.28	80.3	6.12	78.7	5.79
	5.9	5.0	73.8	6.49	72.4	6.15	71.0	5.80	70.3	5.65	68.9	5.50	67.5	5.20
	-3.1	-4.0	60.7	5.72	59.6	5.41	58.4	5.11	57.8	4.98	56.7	4.84	55.5	4.58
	-9.0	-9.4	50.7	5.00	49.7	4.74	48.8	4.47	48.3	4.35	47.3	4.24	46.4	4.00
	-12.6	-13.0	44.0	4.49	43.2	4.26	42.4	4.02	41.9	3.91	41.1	3.81	40.3	3.59
	-17.3	-18.4	34.0	3.67	33.4	3.48	32.7	3.28	32.4	3.20	31.7	3.11	31.1	2.94
	-21.8	-22.0	27.3	3.08	26.8	2.91	26.3	2.75	26.0	2.68	25.5	2.61	25.0	2.46

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1681FT6P-UL/MMY-MUP1681FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	198.5	15.48	194.7	14.65	190.9	13.82	189.0	13.48	185.2	13.14	181.4	12.45
	55.4	53.2	198.5	15.68	194.7	14.84	190.9	14.00	189.0	13.65	185.2	13.30	181.4	12.61
	51.8	49.6	198.5	15.90	194.7	15.05	190.9	14.20	189.0	13.84	185.2	13.49	181.4	12.79
	48.2	46.2	198.5	16.13	194.7	15.26	190.9	14.40	189.0	14.04	185.2	13.68	181.4	12.96
	47.0	43.0	198.5	16.35	194.7	15.47	190.9	14.60	189.0	14.23	185.2	13.87	181.4	13.14
	41.0	39.4	191.3	15.67	187.6	14.83	184.0	13.99	182.2	13.64	178.5	13.29	174.9	12.59
	36.5	35.0	182.7	14.87	179.2	14.07	175.7	13.27	174.0	12.94	170.5	12.61	167.0	11.94
	32.0	30.7	174.1	14.48	170.8	13.71	167.5	12.93	165.8	12.61	162.5	12.28	159.2	11.63
	26.6	25.3	163.4	14.00	160.3	13.25	157.2	12.50	155.6	12.19	152.5	11.87	149.4	11.24
	23.0	21.9	156.6	13.69	153.6	12.96	150.7	12.23	149.2	11.92	146.2	11.61	143.2	10.99
	19.4	18.3	149.5	13.37	146.6	12.65	143.8	11.94	142.4	11.64	139.5	11.33	136.7	10.72
	14.0	13.1	139.1	12.89	136.5	12.20	133.8	11.51	132.5	11.22	129.8	10.92	127.2	10.34
	5.9	5.0	123.0	12.13	120.7	11.48	118.4	10.84	117.2	10.56	114.8	10.28	112.5	9.72
	-3.1	-4.0	101.2	10.75	99.3	10.18	97.4	9.61	96.4	9.36	94.5	9.11	92.5	8.61
	-9.0	-9.4	86.1	9.58	84.5	9.07	82.8	8.56	82.0	8.34	80.4	8.11	78.7	7.66
	-12.6	-13.0	76.1	8.75	74.6	8.28	73.2	7.82	72.4	7.61	71.0	7.41	69.5	7.00
	-17.3	-18.4	61.0	7.41	59.8	7.02	58.6	6.63	58.1	6.45	56.9	6.27	55.7	5.92
	-21.8	-22.0	50.9	6.44	49.9	6.10	49.0	5.76	48.5	5.61	47.5	5.45	46.5	5.15
110	59.0	56.7	202.4	15.56	198.6	14.72	194.7	13.88	192.8	13.54	188.9	13.20	185.1	12.51
	55.4	53.2	202.4	15.76	198.6	14.91	194.7	14.06	192.8	13.72	188.9	13.37	185.1	12.67
	51.8	49.6	202.4	15.98	198.6	15.12	194.7	14.26	192.8	13.91	188.9	13.55	185.1	12.85
	48.2	46.2	202.4	16.20	198.6	15.33	194.7	14.46	192.8	14.10	188.9	13.74	185.1	13.02
	47.0	43.0	202.4	16.43	198.6	15.55	194.7	14.67	192.8	14.30	188.9	13.93	185.1	13.20
	41.0	39.4	195.1	15.75	191.4	14.90	187.7	14.06	185.8	13.71	182.1	13.36	178.4	12.65
	36.5	35.0	186.3	14.94	182.8	14.14	179.2	13.34	177.5	13.00	173.9	12.67	170.4	12.00
	32.0	30.7	177.6	14.55	174.2	13.77	170.8	12.99	169.1	12.66	165.8	12.34	162.4	11.68
	26.6	25.3	166.7	14.07	163.5	13.31	160.3	12.56	158.7	12.24	155.6	11.93	152.4	11.29
	23.0	21.9	159.7	13.76	156.7	13.02	153.7	12.29	152.1	11.98	149.1	11.66	146.1	11.04
	19.4	18.3	152.5	13.43	149.6	12.71	146.7	12.00	145.2	11.69	142.3	11.39	139.4	10.77
	14.0	13.1	141.9	12.95	139.2	12.26	136.5	11.57	135.1	11.27	132.4	10.98	129.7	10.38
	5.9	5.0	125.5	12.18	123.1	11.53	120.7	10.89	119.5	10.60	117.1	10.32	114.7	9.76
	-3.1	-4.0	103.2	10.80	101.3	10.22	99.3	9.65	98.3	9.40	96.4	9.15	94.4	8.65
	-9.0	-9.4	87.8	9.62	86.2	9.11	84.5	8.60	83.7	8.38	82.0	8.15	80.3	7.70
	-12.6	-13.0	77.6	8.79	76.1	8.32	74.6	7.86	73.9	7.65	72.4	7.44	70.9	7.03
	-17.3	-18.4	62.2	7.44	61.0	7.05	59.8	6.66	59.2	6.48	58.0	6.30	56.9	5.95
	-21.8	-22.0	51.9	6.47	50.9	6.13	49.9	5.79	49.4	5.63	48.5	5.48	47.5	5.17
120	59.0	56.7	208.4	15.78	204.4	14.93	200.4	14.08	198.5	13.73	194.5	13.38	190.5	12.69
	55.4	53.2	208.4	15.98	204.4	15.12	200.4	14.26	198.5	13.91	194.5	13.56	190.5	12.85
	51.8	49.6	208.4	16.20	204.4	15.33	200.4	14.47	198.5	14.11	194.5	13.75	190.5	13.03
	48.2	46.2	208.4	16.43	204.4	15.55	200.4	14.67	198.5	14.30	194.5	13.94	190.5	13.21
	47.0	43.0	208.4	16.66	204.4	15.77	200.4	14.87	198.5	14.50	194.5	14.13	190.5	13.39
	41.0	39.4	200.8	15.97	197.0	15.11	193.2	14.26	191.3	13.90	187.4	13.54	183.6	12.83
	36.5	35.0	191.8	15.15	188.2	14.34	184.5	13.53	182.7	13.19	179.0	12.85	175.4	12.17
	32.0	30.7	182.8	14.75	179.3	13.96	175.9	13.18	174.1	12.84	170.6	12.51	167.2	11.85
	26.6	25.3	171.6	14.26	168.3	13.50	165.0	12.74	163.4	12.42	160.1	12.10	156.9	11.45
	23.0	21.9	164.4	13.95	161.3	13.21	158.2	12.46	156.6	12.15	153.5	11.83	150.4	11.20
	19.4	18.3	156.9	13.62	154.0	12.89	151.0	12.17	149.5	11.86	146.5	11.55	143.5	10.93
	14.0	13.1	146.1	13.13	143.3	12.43	140.5	11.73	139.1	11.43	136.3	11.13	133.5	10.53
	5.9	5.0	129.2	12.35	126.7	11.70	124.3	11.04	123.0	10.75	120.6	10.47	118.1	9.90
	-3.1	-4.0	106.3	10.95	104.2	10.37	102.2	9.79	101.2	9.53	99.2	9.28	97.2	8.77
	-9.0	-9.4	90.4	9.76	88.7	9.24	87.0	8.72	86.1	8.49	84.4	8.27	82.7	7.81
	-12.6	-13.0	79.9	8.91	78.3	8.44	76.8	7.97	76.1	7.76	74.5	7.55	73.0	7.13
	-17.3	-18.4	64.0	7.55	62.8	7.15	61.6	6.75	61.0	6.57	59.7	6.39	58.5	6.03
	-21.8	-22.0	53.4	6.56	52.4	6.21	51.4	5.87	50.9	5.71	49.9	5.56	48.9	5.24
130	59.0	56.7	213.3	15.92	209.3	15.06	205.2	14.21	203.2	13.85	199.1	13.50	195.0	12.80
	55.4	53.2	213.3	16.12	209.3	15.25	205.2	14.39	203.2	14.03	199.1	13.68	195.0	12.96
	51.8	49.6	213.3	16.35	209.3	15.47	205.2	14.59	203.2	14.23	199.1	13.87	195.0	13.14
	48.2	46.2	213.3	16.58	209.3	15.69	205.2	14.80	203.2	14.43	199.1	14.06	195.0	13.33
	47.0	43.0	213.3	16.81	209.3	15.91	205.2	15.01	203.2	14.63	199.1	14.26	195.0	13.51
	41.0	39.4	205.6	16.11	201.7	15.25	197.8	14.38	195.8	14.02	191.9	13.66	188.0	12.94
	36.5	35.0	196.4	15.28	192.7	14.46	188.9	13.65	187.0	13.30	183.3	12.96	179.6	12.27
	32.0	30.7	187.2	14.88	183.6	14.09	180.0	13.29	178.3	12.96	174.7	12.62	171.1	11.95
	26.6	25.3	175.7	14.39	172.3	13.62	169.0	12.85	167.3	12.53	163.9	12.20	160.6	11.55
	23.0	21.9	168.4	14.08	165.2	13.32	161.9	12.57	160.3	12.25	157.1	11.93	153.9	11.30
	19.4	18.3	160.7	13.74	157.6	13.01	154.6	12.27	153.0	11.96	150.0	11.65	146.9	11.02
	14.0	13.1	149.5	13.25	146.7	12.54	143.8	11.83	142.4	11.53	139.6	11.23	136.7	10.62
	5.9	5.0	132.3	12.46	129.7	11.80	127.2	11.14	126.0	10.85	123.4	10.56	120.9	9.99
	-3.1	-4.0	108.8	11.05	106.7	10.46	104.7	9.87	103.6	9.62	101.5	9.36	99.5	8.85
	-9.0	-9.4	92.6	9.84	90.8	9.32	89.0	8.80	88.2	8.57	86.4	8.34	84.6	7.88
	-12.6	-13.0	81.8	8.99	80.2	8.51	78.6	8.04	77.9	7.83	76.3	7.62	74.8	7.19
	-17.3	-18.4	65.5	7.61	64.3	7.21	63.0	6.81	62.4	6.63	61.2	6.45	59.9	6.09
	-21.8	-22.0	54.7	6.62	53.7	6.27	52.6	5.92	52.1	5.76	51.1	5.60	50.0	5.29

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	178.6	13.79	175.2	13.05	171.8	12.30	170.1	12.00	166.7	11.70	163.3	11.09
	55.4	53.2	178.6	13.96	175.2	13.21	171.8	12.46	170.1	12.15	166.7	11.85	163.3	11.23
	51.8	49.6	178.6	14.16	175.2	13.40	171.8	12.64	170.1	12.33	166.7	12.01	163.3	11.38
	48.2	46.2	178.6	14.36	175.2	13.59	171.8	12.82	170.1	12.50	166.7	12.18	163.3	11.54
	47.0	43.0	178.6	14.56	175.2	13.78	171.8	13.00	170.1	12.67	166.7	12.35	163.3	11.70
	41.0	39.4	172.1	13.95	168.9	13.21	165.6	12.46	163.9	12.15	160.7	11.84	157.4	11.21
	36.5	35.0	164.4	13.24	161.3	12.53	158.2	11.82	156.6	11.52	153.5	11.23	150.3	10.63
	32.0	30.7	156.7	12.89	153.7	12.20	150.7	11.51	149.2	11.22	146.3	10.93	143.3	10.35
	26.6	25.3	147.1	12.47	144.3	11.80	141.5	11.13	140.1	10.85	137.3	10.57	134.5	10.01
	23.0	21.9	141.0	12.19	138.3	11.54	135.6	10.89	134.2	10.61	131.6	10.34	128.9	9.78
	19.4	18.3	134.5	11.90	132.0	11.27	129.4	10.63	128.1	10.36	125.6	10.09	123.0	9.55
	14.0	13.1	125.2	11.47	122.8	10.86	120.4	10.25	119.2	9.99	116.9	9.73	114.5	9.20
	5.9	5.0	110.7	10.80	108.6	10.22	106.5	9.65	105.5	9.40	103.4	9.15	101.2	8.65
	-3.1	-4.0	91.1	9.57	89.4	9.06	87.6	8.55	86.8	8.33	85.0	8.11	83.3	7.66
	-9.0	-9.4	77.5	8.53	76.0	8.07	74.6	7.62	73.8	7.42	72.3	7.22	70.9	6.82
	-12.6	-13.0	68.5	7.79	67.1	7.38	65.8	6.96	65.2	6.78	63.9	6.60	62.6	6.23
	-17.3	-18.4	54.9	6.60	53.8	6.25	52.8	5.90	52.3	5.74	51.2	5.59	50.2	5.27
	-21.8	-22.0	45.8	5.73	44.9	5.43	44.1	5.13	43.6	4.99	42.8	4.85	41.9	4.58
80	59.0	56.7	158.8	12.12	155.7	11.47	152.7	10.82	151.2	10.55	148.2	10.29	145.2	9.75
	55.4	53.2	158.8	12.28	155.7	11.62	152.7	10.96	151.2	10.69	148.2	10.42	145.2	9.87
	51.8	49.6	158.8	12.45	155.7	11.79	152.7	11.12	151.2	10.84	148.2	10.56	145.2	10.01
	48.2	46.2	158.8	12.63	155.7	11.95	152.7	11.27	151.2	10.99	148.2	10.71	145.2	10.15
	47.0	43.0	158.8	12.80	155.7	12.12	152.7	11.43	151.2	11.15	148.2	10.86	145.2	10.29
	41.0	39.4	153.0	12.27	150.1	11.61	147.2	10.96	145.7	10.68	142.8	10.41	139.9	9.86
	36.5	35.0	146.2	11.64	143.4	11.02	140.6	10.39	139.2	10.13	136.4	9.87	133.6	9.35
	32.0	30.7	139.3	11.34	136.6	10.73	134.0	10.13	132.7	9.87	130.0	9.62	127.4	9.11
	26.6	25.3	130.7	10.96	128.2	10.38	125.7	9.79	124.5	9.54	122.0	9.30	119.5	8.80
	23.0	21.9	125.3	10.72	122.9	10.15	120.5	9.58	119.3	9.33	116.9	9.09	114.6	8.60
	19.4	18.3	119.6	10.47	117.3	9.91	115.0	9.35	113.9	9.11	111.6	8.87	109.3	8.40
	14.0	13.1	111.3	10.09	109.2	9.55	107.1	9.02	106.0	8.78	103.9	8.55	101.8	8.09
	5.9	5.0	98.4	9.49	96.6	8.99	94.7	8.48	93.7	8.27	91.9	8.05	90.0	7.61
	-3.1	-4.0	81.0	8.41	79.4	7.97	77.9	7.52	77.1	7.33	75.6	7.13	74.0	6.74
	-9.0	-9.4	68.9	7.50	67.6	7.10	66.3	6.70	65.6	6.53	64.3	6.35	63.0	6.00
	-12.6	-13.0	60.8	6.85	59.7	6.49	58.5	6.12	57.9	5.96	56.8	5.80	55.6	5.48
	-17.3	-18.4	48.8	5.80	47.8	5.49	46.9	5.19	46.4	5.05	45.5	4.91	44.6	4.64
	-21.8	-22.0	40.7	5.04	39.9	4.78	39.2	4.51	38.8	4.39	38.0	4.27	37.2	4.03
70	59.0	56.7	138.9	10.50	136.3	9.93	133.6	9.37	132.3	9.14	129.7	8.91	127.0	8.44
	55.4	53.2	138.9	10.63	136.3	10.06	133.6	9.49	132.3	9.26	129.7	9.02	127.0	8.55
	51.8	49.6	138.9	10.78	136.3	10.20	133.6	9.63	132.3	9.39	129.7	9.15	127.0	8.67
	48.2	46.2	138.9	10.93	136.3	10.35	133.6	9.76	132.3	9.52	129.7	9.27	127.0	8.79
	47.0	43.0	138.9	11.09	136.3	10.49	133.6	9.90	132.3	9.65	129.7	9.40	127.0	8.91
	41.0	39.4	133.9	10.63	131.3	10.06	128.8	9.49	127.5	9.25	125.0	9.01	122.4	8.54
	36.5	35.0	127.9	10.08	125.4	9.54	123.0	9.00	121.8	8.77	119.4	8.55	116.9	8.10
	32.0	30.7	121.9	9.82	119.6	9.29	117.2	8.77	116.1	8.55	113.8	8.33	111.4	7.88
	26.6	25.3	114.4	9.49	112.2	8.98	110.0	8.48	108.9	8.26	106.8	8.05	104.6	7.62
	23.0	21.9	109.6	9.28	107.5	8.79	105.5	8.29	104.4	8.08	102.3	7.87	100.2	7.45
	19.4	18.3	104.6	9.06	102.6	8.58	100.6	8.10	99.6	7.89	97.7	7.68	95.7	7.27
	14.0	13.1	97.4	8.74	95.5	8.27	93.7	7.81	92.7	7.61	90.9	7.41	89.0	7.01
	5.9	5.0	86.1	8.22	84.5	7.78	82.8	7.35	82.0	7.16	80.4	6.97	78.7	6.59
	-3.1	-4.0	70.8	7.29	69.5	6.90	68.1	6.51	67.5	6.34	66.1	6.17	64.8	5.83
	-9.0	-9.4	60.3	6.49	59.1	6.15	58.0	5.80	57.4	5.65	56.3	5.50	55.1	5.20
	-12.6	-13.0	53.2	5.93	52.2	5.62	51.2	5.30	50.7	5.16	49.7	5.02	48.7	4.74
	-17.3	-18.4	42.7	5.02	41.9	4.76	41.0	4.49	40.6	4.37	39.8	4.25	39.0	4.02
	-21.8	-22.0	35.6	4.37	35.0	4.13	34.3	3.90	33.9	3.80	33.3	3.70	32.6	3.49

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1921FT6P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	226.8	18.76	222.5	17.75	218.2	16.74	216.0	16.33	211.7	15.91	207.4	15.09
	55.4	53.2	226.8	19.00	222.5	17.98	218.2	16.96	216.0	16.54	211.7	16.12	207.4	15.28
	51.8	49.6	226.8	19.27	222.5	18.23	218.2	17.20	216.0	16.77	211.7	16.34	207.4	15.49
	48.2	46.2	226.8	19.54	222.5	18.49	218.2	17.44	216.0	17.01	211.7	16.57	207.4	15.70
	47.0	43.0	226.8	19.81	222.5	18.75	218.2	17.69	216.0	17.24	211.7	16.80	207.4	15.92
	41.0	39.4	226.8	20.13	222.5	19.05	218.2	17.97	216.0	17.52	211.7	17.07	207.4	16.17
	36.5	35.0	226.8	20.54	222.5	19.44	218.2	18.34	216.0	17.88	211.7	17.42	207.4	16.50
	32.0	30.7	214.9	19.49	210.8	18.44	206.7	17.40	204.7	16.96	200.6	16.52	196.5	15.65
	26.6	25.3	199.8	18.67	196.0	17.16	192.2	16.19	190.3	15.78	186.5	15.37	182.7	14.55
	23.0	21.9	190.2	17.59	186.6	16.65	183.0	15.71	181.2	15.31	177.5	14.91	173.9	14.12
	19.4	18.3	180.1	17.06	176.7	16.15	173.3	15.24	171.6	14.85	168.1	14.46	164.7	13.68
	14.0	13.1	165.5	16.27	162.4	15.40	159.2	14.54	157.7	14.16	154.5	13.79	151.4	13.05
	5.9	5.0	142.9	15.00	140.2	14.21	137.4	13.41	136.1	13.06	133.4	12.72	130.6	12.02
	-3.1	-4.0	111.1	12.50	109.0	11.84	106.9	11.18	105.8	10.89	103.7	10.59	101.6	10.01
	-9.0	-9.4	86.7	10.22	85.1	9.67	83.4	9.13	82.6	8.89	81.0	8.65	79.3	8.18
	-12.6	-13.0	70.5	8.58	69.1	8.13	67.8	7.67	67.1	7.47	65.8	7.27	64.4	6.87
	-17.3	-18.4	46.1	5.93	45.2	5.62	44.3	5.30	43.9	5.16	43.0	5.02	42.2	4.74
	-21.8	-22.0	29.8	4.00	29.3	3.79	28.7	3.58	28.4	3.48	27.9	3.39	27.3	3.20
110	59.0	56.7	231.3	18.84	226.9	17.83	222.5	16.82	220.3	16.40	215.9	15.99	211.5	15.16
	55.4	53.2	231.3	19.09	226.9	18.06	222.5	17.04	220.3	16.62	215.9	16.19	211.5	15.35
	51.8	49.6	231.3	19.36	226.9	18.32	222.5	17.28	220.3	16.85	215.9	16.42	211.5	15.56
	48.2	46.2	231.3	19.63	226.9	18.58	222.5	17.52	220.3	17.09	215.9	16.65	211.5	15.78
	47.0	43.0	231.3	19.90	226.9	18.83	222.5	17.77	220.3	17.32	215.9	16.88	211.5	15.99
	41.0	39.4	231.3	20.22	226.9	19.14	222.5	18.06	220.3	17.60	215.9	17.15	211.5	16.25
	36.5	35.0	231.3	20.64	226.9	19.53	222.5	18.43	220.3	17.96	215.9	17.50	211.5	16.58
	32.0	30.7	219.2	19.58	215.0	18.53	210.8	17.48	208.7	17.04	204.6	16.60	200.4	15.72
	26.6	25.3	203.8	18.76	199.9	17.24	196.0	16.26	194.1	15.85	190.2	15.44	186.3	14.62
	23.0	21.9	194.0	17.67	190.3	16.73	186.6	15.78	184.8	15.38	181.1	14.98	177.4	14.18
	19.4	18.3	183.7	17.14	180.2	16.22	176.7	15.31	175.0	14.92	171.5	14.53	168.0	13.75
	14.0	13.1	168.9	16.35	165.6	15.47	162.4	14.60	160.8	14.23	157.6	13.86	154.4	13.11
	5.9	5.0	145.7	15.07	143.0	14.27	140.2	13.47	138.8	13.12	136.0	12.78	133.2	12.08
	-3.1	-4.0	113.4	12.56	111.2	11.90	109.0	11.23	108.0	10.94	105.8	10.64	103.6	10.06
	-9.0	-9.4	88.5	10.26	86.8	9.72	85.1	9.18	84.3	8.94	82.6	8.69	80.9	8.21
	-12.6	-13.0	71.9	8.62	70.5	8.17	69.2	7.71	68.5	7.51	67.1	7.30	65.7	6.90
	-17.3	-18.4	47.0	5.96	46.1	5.64	45.2	5.33	44.8	5.19	43.9	5.05	43.0	4.76
	-21.8	-22.0	30.4	4.02	29.9	3.81	29.3	3.59	29.0	3.50	28.4	3.40	27.8	3.21
120	59.0	56.7	238.1	19.11	233.6	18.08	229.1	17.06	226.8	16.64	222.3	16.21	217.7	15.37
	55.4	53.2	238.1	19.36	233.6	18.32	229.1	17.28	226.8	16.85	222.3	16.42	217.7	15.57
	51.8	49.6	238.1	19.63	233.6	18.58	229.1	17.52	226.8	17.09	222.3	16.65	217.7	15.78
	48.2	46.2	238.1	19.91	233.6	18.84	229.1	17.77	226.8	17.33	222.3	16.89	217.7	16.00
	47.0	43.0	238.1	20.18	233.6	19.10	229.1	18.02	226.8	17.57	222.3	17.12	217.7	16.22
	41.0	39.4	238.1	20.51	233.6	19.41	229.1	18.31	226.8	17.85	222.3	17.39	217.7	16.48
	36.5	35.0	238.1	20.93	233.6	19.81	229.1	18.69	226.8	18.22	222.3	17.75	217.7	16.81
	32.0	30.7	225.6	19.85	221.3	18.79	217.0	17.73	214.9	17.28	210.6	16.84	206.3	15.94
	26.6	25.3	209.8	19.03	205.8	17.48	201.8	16.49	199.8	16.08	195.8	15.66	191.8	14.82
	23.0	21.9	199.7	17.92	195.9	16.96	192.1	16.01	190.2	15.60	186.4	15.19	182.6	14.38
	19.4	18.3	189.1	17.38	185.5	16.45	181.9	15.52	180.1	15.13	176.5	14.73	172.9	13.94
	14.0	13.1	173.8	16.58	170.5	15.69	167.2	14.81	165.5	14.43	162.2	14.05	158.9	13.29
	5.9	5.0	150.0	15.29	147.2	14.47	144.3	13.66	142.9	13.31	140.0	12.96	137.2	12.25
	-3.1	-4.0	116.7	12.74	114.5	12.06	112.2	11.39	111.1	11.09	108.9	10.79	106.7	10.20
	-9.0	-9.4	91.1	10.41	89.3	9.86	87.6	9.31	86.7	9.06	85.0	8.82	83.3	8.33
	-12.6	-13.0	74.0	8.74	72.6	8.28	71.2	7.82	70.5	7.61	69.1	7.41	67.7	7.00
	-17.3	-18.4	48.4	6.04	47.5	5.72	46.6	5.40	46.1	5.26	45.2	5.12	44.3	4.83
	-21.8	-22.0	31.3	4.07	30.7	3.86	30.1	3.64	29.8	3.55	29.2	3.45	28.7	3.26
130	59.0	56.7	243.8	19.28	239.2	18.24	234.5	17.21	232.2	16.78	227.6	16.36	222.9	15.51
	55.4	53.2	243.8	19.53	239.2	18.48	234.5	17.43	232.2	17.00	227.6	16.57	222.9	15.70
	51.8	49.6	243.8	19.80	239.2	18.74	234.5	17.68	232.2	17.24	227.6	16.80	222.9	15.92
	48.2	46.2	243.8	20.08	239.2	19.01	234.5	17.93	232.2	17.48	227.6	17.04	222.9	16.14
	47.0	43.0	243.8	20.36	239.2	19.27	234.5	18.18	232.2	17.72	227.6	17.27	222.9	16.36
	41.0	39.4	243.8	20.69	239.2	19.58	234.5	18.47	232.2	18.01	227.6	17.55	222.9	16.62
	36.5	35.0	243.8	21.11	239.2	19.98	234.5	18.85	232.2	18.38	227.6	17.91	222.9	16.96
	32.0	30.7	231.0	20.03	226.6	18.96	222.2	17.89	220.0	17.44	215.6	16.99	211.2	16.08
	26.6	25.3	214.8	19.20	210.7	17.63	206.6	16.64	204.5	16.22	200.4	15.80	196.4	14.95
	23.0	21.9	204.5	18.08	200.6	17.11	196.7	16.15	194.7	15.74	190.8	15.33	187.0	14.51
	19.4	18.3	193.7	17.53	190.0	16.60	186.3	15.66	184.4	15.26	180.7	14.86	177.1	14.07
	14.0	13.1	178.0	16.72	174.6	15.83	171.2	14.94	169.5	14.56	166.1	14.18	162.7	13.41
	5.9	5.0	153.6	15.42	150.7	14.60	147.7	13.78	146.3	13.43	143.4	13.07	140.4	12.36
	-3.1	-4.0	119.5	12.85	117.2	12.17	114.9	11.49	113.8	11.19	111.5	10.89	109.2	10.29
	-9.0	-9.4	93.3	10.50	91.5	9.94	89.7	9.39	88.8	9.14	87.0	8.90	85.3	8.40
	-12.6	-13.0	75.8	8.82	74.3	8.35	72.9	7.89	72.2	7.68	70.7	7.47	69.3	7.06
	-17.3	-18.4	49.6	6.10	48.6	5.77	47.7	5.45	47.2	5.31	46.3	5.16	45.3	4.87
	-21.8	-22.0	32.1	4.11	31.5	3.89	30.9	3.68	30.6	3.58	29.9	3.48	29.3	3.29

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	204.1	16.70	200.2	15.80	196.3	14.91	194.4	14.54	190.5	14.17	186.6	13.43
	55.4	53.2	204.1	16.91	200.2	16.01	196.3	15.10	194.4	14.72	190.5	14.35	186.6	13.60
	51.8	49.6	204.1	17.15	200.2	16.23	196.3	15.31	194.4	14.93	190.5	14.55	186.6	13.79
	48.2	46.2	204.1	17.39	200.2	16.46	196.3	15.53	194.4	15.14	190.5	14.76	186.6	13.98
	47.0	43.0	204.1	17.64	200.2	16.69	196.3	15.75	194.4	15.35	190.5	14.96	186.6	14.17
	41.0	39.4	204.1	17.92	200.2	16.96	196.3	16.00	194.4	15.60	190.5	15.20	186.6	14.40
	36.5	35.0	204.1	18.29	200.2	17.31	196.3	16.33	194.4	15.92	190.5	15.51	186.6	14.69
	32.0	30.7	193.4	17.35	189.7	16.42	186.0	15.49	184.2	15.10	180.5	14.71	176.8	13.93
	26.6	25.3	179.8	16.63	176.4	15.27	173.0	14.41	171.2	14.05	167.8	13.68	164.4	12.95
	23.0	21.9	171.2	15.66	167.9	14.82	164.7	13.99	163.0	13.63	159.8	13.28	156.5	12.57
	19.4	18.3	162.1	15.19	159.0	14.38	156.0	13.57	154.4	13.22	151.3	12.88	148.2	12.18
	14.0	13.1	149.0	14.49	146.1	13.71	143.3	12.94	141.9	12.61	139.1	12.28	136.2	11.62
	5.9	5.0	128.6	13.36	126.1	12.65	123.7	11.94	122.5	11.63	120.0	11.32	117.6	10.71
	-3.1	-4.0	100.0	11.13	98.1	10.54	96.2	9.95	95.3	9.69	93.4	9.43	91.4	8.91
	-9.0	-9.4	78.1	9.10	76.6	8.61	75.1	8.13	74.4	7.92	72.9	7.71	71.4	7.28
	-12.6	-13.0	63.4	7.64	62.2	7.24	61.0	6.83	60.4	6.65	59.2	6.47	58.0	6.11
	-17.3	-18.4	41.5	5.28	40.7	5.00	39.9	4.72	39.5	4.60	38.7	4.47	37.9	4.22
	-21.8	-22.0	26.9	3.56	26.4	3.37	25.8	3.18	25.6	3.10	25.1	3.02	24.6	2.85
80	59.0	56.7	181.4	14.69	178.0	13.90	174.5	13.11	172.8	12.79	169.3	12.46	165.9	11.81
	55.4	53.2	181.4	14.88	178.0	14.08	174.5	13.28	172.8	12.95	169.3	12.62	165.9	11.96
	51.8	49.6	181.4	15.09	178.0	14.28	174.5	13.47	172.8	13.13	169.3	12.80	165.9	12.13
	48.2	46.2	181.4	15.30	178.0	14.48	174.5	13.66	172.8	13.32	169.3	12.98	165.9	12.30
	47.0	43.0	181.4	15.51	178.0	14.68	174.5	13.85	172.8	13.50	169.3	13.16	165.9	12.47
	41.0	39.4	181.4	15.76	178.0	14.92	174.5	14.07	172.8	13.72	169.3	13.37	165.9	12.66
	36.5	35.0	181.4	16.08	178.0	15.22	174.5	14.36	172.8	14.00	169.3	13.64	165.9	12.92
	32.0	30.7	171.9	15.26	168.6	14.44	165.4	13.63	163.7	13.28	160.4	12.94	157.2	12.25
	26.6	25.3	159.8	14.62	156.8	13.43	153.7	12.68	152.2	12.35	149.2	12.03	146.1	11.39
	23.0	21.9	152.2	13.77	149.3	13.04	146.4	12.30	144.9	11.99	142.0	11.68	139.1	11.05
	19.4	18.3	144.1	13.36	141.4	12.64	138.6	11.93	137.3	11.63	134.5	11.32	131.8	10.72
	14.0	13.1	132.4	12.74	129.9	12.06	127.4	11.38	126.1	11.09	123.6	10.80	121.1	10.22
	5.9	5.0	114.3	11.75	112.1	11.12	110.0	10.50	108.9	10.23	106.7	9.96	104.5	9.42
	-3.1	-4.0	88.9	9.79	87.2	9.27	85.5	8.75	84.7	8.52	83.0	8.30	81.3	7.84
	-9.0	-9.4	69.4	8.00	68.1	7.58	66.8	7.15	66.1	6.96	64.8	6.78	63.4	6.40
	-12.6	-13.0	56.4	6.72	55.3	6.36	54.2	6.01	53.7	5.85	52.6	5.69	51.6	5.38
	-17.3	-18.4	36.9	4.64	36.2	4.40	35.5	4.15	35.1	4.04	34.4	3.93	33.7	3.71
	-21.8	-22.0	23.9	3.13	23.4	2.97	23.0	2.80	22.7	2.73	22.3	2.65	21.8	2.50
70	59.0	56.7	158.8	12.72	155.7	12.03	152.7	11.35	151.2	11.07	148.2	10.79	145.2	10.23
	55.4	53.2	158.8	12.88	155.7	12.19	152.7	11.50	151.2	11.21	148.2	10.93	145.2	10.36
	51.8	49.6	158.8	13.06	155.7	12.36	152.7	11.66	151.2	11.37	148.2	11.08	145.2	10.50
	48.2	46.2	158.8	13.24	155.7	12.53	152.7	11.82	151.2	11.53	148.2	11.24	145.2	10.65
	47.0	43.0	158.8	13.43	155.7	12.71	152.7	11.99	151.2	11.69	148.2	11.39	145.2	10.79
	41.0	39.4	158.8	13.65	155.7	12.91	152.7	12.18	151.2	11.88	148.2	11.57	145.2	10.96
	36.5	35.0	158.8	13.93	155.7	13.18	152.7	12.43	151.2	12.12	148.2	11.81	145.2	11.19
	32.0	30.7	150.4	13.21	147.6	12.50	144.7	11.80	143.3	11.50	140.4	11.20	137.5	10.61
	26.6	25.3	139.8	12.66	137.2	11.63	134.5	10.97	133.2	10.70	130.5	10.42	127.9	9.86
	23.0	21.9	133.1	11.92	130.6	11.29	128.1	10.65	126.8	10.38	124.3	10.11	121.7	9.57
	19.4	18.3	126.1	11.56	123.7	10.95	121.3	10.33	120.1	10.07	117.7	9.80	115.3	9.28
	14.0	13.1	115.9	11.03	113.7	10.44	111.5	9.85	110.4	9.60	108.2	9.35	105.9	8.85
	5.9	5.0	100.0	10.17	98.1	9.63	96.2	9.09	95.3	8.86	93.4	8.62	91.4	8.15
	-3.1	-4.0	77.8	8.48	76.3	8.03	74.8	7.58	74.1	7.38	72.6	7.18	71.1	6.79
	-9.0	-9.4	60.7	6.93	59.6	6.56	58.4	6.19	57.8	6.03	56.7	5.87	55.5	5.54
	-12.6	-13.0	49.3	5.82	48.4	5.51	47.5	5.20	47.0	5.07	46.1	4.93	45.1	4.65
	-17.3	-18.4	32.3	4.02	31.7	3.81	31.0	3.60	30.7	3.50	30.1	3.41	29.5	3.21
	-21.8	-22.0	20.9	2.71	20.5	2.57	20.1	2.42	19.9	2.36	19.5	2.30	19.1	2.17

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP1921FT6P-UL/MMY-UP1921FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	226.8	15.86	222.5	15.01	218.2	14.16	216.0	13.81	211.7	13.46	207.4	12.76
	55.4	53.2	226.8	16.06	222.5	15.20	218.2	14.34	216.0	13.98	211.7	13.63	207.4	12.92
	51.8	49.6	226.8	16.29	222.5	15.42	218.2	14.54	216.0	14.18	211.7	13.82	207.4	13.10
	48.2	46.2	226.8	16.52	222.5	15.63	218.2	14.75	216.0	14.38	211.7	14.01	207.4	13.28
	47.0	43.0	226.8	16.75	222.5	15.85	218.2	14.95	216.0	14.58	211.7	14.21	207.4	13.46
	41.0	39.4	226.8	17.02	222.5	16.11	218.2	15.20	216.0	14.82	211.7	14.44	207.4	13.67
	36.5	35.0	226.8	17.37	222.5	16.44	218.2	15.51	216.0	15.12	211.7	14.73	207.4	13.95
	32.0	30.7	218.4	16.92	214.3	16.01	210.1	15.11	208.0	14.73	203.9	14.35	199.7	13.59
	26.6	25.3	207.8	16.34	203.9	15.47	199.9	14.59	197.9	14.22	194.0	13.86	190.0	13.12
	23.0	21.9	201.1	16.09	197.3	15.23	193.4	14.37	191.5	14.01	187.7	13.65	183.9	12.92
	19.4	18.3	194.0	15.85	190.3	15.00	186.6	14.16	184.8	13.80	181.1	13.44	177.4	12.72
	14.0	13.1	183.8	15.50	180.3	14.67	176.8	13.85	175.0	13.49	171.5	13.14	168.0	12.43
	5.9	5.0	167.8	14.96	164.6	14.17	161.4	13.37	159.8	13.03	156.6	12.68	153.4	11.99
	-3.1	-4.0	149.7	14.35	146.8	13.59	144.0	12.83	142.6	12.49	139.7	12.16	136.9	11.49
	-9.0	-9.4	126.6	12.66	124.1	11.99	121.7	11.32	120.5	11.02	118.1	10.73	115.7	10.13
	-12.6	-13.0	111.1	11.46	109.0	10.86	106.9	10.25	105.8	9.98	103.7	9.71	101.6	9.17
	-17.3	-18.4	88.0	9.53	86.3	9.03	84.6	8.52	83.8	8.30	82.1	8.07	80.5	7.62
	-21.8	-22.0	72.6	8.13	71.2	7.70	69.8	7.27	69.1	7.08	67.7	6.88	66.4	6.50
110	59.0	56.7	231.3	15.93	226.9	15.08	222.5	14.22	220.3	13.87	215.9	13.52	211.5	12.82
	55.4	53.2	231.3	16.14	226.9	15.27	222.5	14.41	220.3	14.05	215.9	13.69	211.5	12.98
	51.8	49.6	231.3	16.37	226.9	15.49	222.5	14.61	220.3	14.25	215.9	13.88	211.5	13.16
	48.2	46.2	231.3	16.60	226.9	15.71	222.5	14.82	220.3	14.45	215.9	14.08	211.5	13.34
	47.0	43.0	231.3	16.83	226.9	15.92	222.5	15.02	220.3	14.65	215.9	14.27	211.5	13.52
	41.0	39.4	231.3	17.10	226.9	16.18	222.5	15.27	220.3	14.88	215.9	14.50	211.5	13.74
	36.5	35.0	231.3	17.45	226.9	16.52	222.5	15.58	220.3	15.19	215.9	14.80	211.5	14.02
	32.0	30.7	222.8	17.00	218.6	16.09	214.3	15.18	212.2	14.80	207.9	14.41	203.7	13.65
	26.6	25.3	212.0	16.42	207.9	15.54	203.9	14.66	201.9	14.29	197.8	13.92	193.8	13.18
	23.0	21.9	205.1	16.17	201.2	15.30	197.3	14.44	195.3	14.08	191.4	13.71	187.5	12.98
	19.4	18.3	197.9	15.92	194.1	15.07	190.4	14.22	188.5	13.86	184.7	13.50	180.9	12.77
	14.0	13.1	187.4	15.57	183.9	14.74	180.3	13.91	178.5	13.55	174.9	13.20	171.4	12.49
	5.9	5.0	171.2	15.03	167.9	14.23	164.7	13.43	163.0	13.09	159.8	12.74	156.5	12.05
	-3.1	-4.0	152.7	14.42	149.8	13.65	146.9	12.89	145.4	12.55	142.5	12.22	139.6	11.54
	-9.0	-9.4	129.1	12.72	126.6	12.05	124.2	11.37	122.9	11.07	120.5	10.78	118.0	10.18
	-12.6	-13.0	113.4	11.52	111.2	10.91	109.0	10.30	108.0	10.03	105.8	9.76	103.6	9.21
	-17.3	-18.4	89.8	9.58	88.0	9.07	86.3	8.56	85.5	8.34	83.8	8.11	82.1	7.66
	-21.8	-22.0	74.0	8.17	72.6	7.74	71.2	7.31	70.5	7.11	69.1	6.92	67.7	6.53
120	59.0	56.7	238.1	16.16	233.6	15.29	229.1	14.42	226.8	14.07	222.3	13.71	217.7	13.00
	55.4	53.2	238.1	16.37	233.6	15.49	229.1	14.61	226.8	14.25	222.3	13.89	217.7	13.16
	51.8	49.6	238.1	16.60	233.6	15.71	229.1	14.82	226.8	14.45	222.3	14.08	217.7	13.34
	48.2	46.2	238.1	16.83	233.6	15.93	229.1	15.03	226.8	14.65	222.3	14.28	217.7	13.53
	47.0	43.0	238.1	17.06	233.6	16.15	229.1	15.24	226.8	14.86	222.3	14.48	217.7	13.71
	41.0	39.4	238.1	17.34	233.6	16.41	229.1	15.48	226.8	15.10	222.3	14.71	217.7	13.93
	36.5	35.0	238.1	17.70	233.6	16.75	229.1	15.80	226.8	15.40	222.3	15.01	217.7	14.21
	32.0	30.7	229.3	17.24	225.0	16.32	220.6	15.39	218.4	15.01	214.1	14.62	209.7	13.84
	26.6	25.3	218.2	16.65	214.0	15.76	209.9	14.87	207.8	14.49	203.7	14.12	199.5	13.36
	23.0	21.9	211.1	16.40	207.1	15.52	203.1	14.65	201.1	14.27	197.1	13.90	193.0	13.16
	19.4	18.3	203.7	16.15	199.8	15.29	196.0	14.43	194.0	14.06	190.1	13.69	186.3	12.96
	14.0	13.1	192.9	15.79	189.3	14.95	185.6	14.11	183.8	13.75	180.1	13.39	176.4	12.66
	5.9	5.0	176.2	15.24	172.9	14.43	169.5	13.62	167.8	13.27	164.5	12.92	161.1	12.22
	-3.1	-4.0	157.2	14.62	154.2	13.84	151.2	13.07	149.7	12.73	146.7	12.39	143.7	11.71
	-9.0	-9.4	132.9	12.90	130.4	12.22	127.8	11.53	126.6	11.23	124.0	10.93	121.5	10.33
	-12.6	-13.0	116.7	11.68	114.5	11.06	112.2	10.44	111.1	10.17	108.9	9.89	106.7	9.34
	-17.3	-18.4	92.4	9.71	90.6	9.20	88.9	8.68	88.0	8.45	86.2	8.22	84.5	7.76
	-21.8	-22.0	76.2	8.28	74.8	7.85	73.3	7.41	72.6	7.21	71.1	7.01	69.7	6.62
130	59.0	56.7	243.8	16.30	239.2	15.43	234.5	14.55	232.2	14.19	227.6	13.83	222.9	13.11
	55.4	53.2	243.8	16.51	239.2	15.63	234.5	14.74	232.2	14.37	227.6	14.01	222.9	13.28
	51.8	49.6	243.8	16.75	239.2	15.85	234.5	14.95	232.2	14.58	227.6	14.21	222.9	13.46
	48.2	46.2	243.8	16.98	239.2	16.07	234.5	15.16	232.2	14.78	227.6	14.40	222.9	13.65
	47.0	43.0	243.8	17.22	239.2	16.29	234.5	15.37	232.2	14.99	227.6	14.60	222.9	13.84
	41.0	39.4	243.8	17.49	239.2	16.56	234.5	15.62	232.2	15.23	227.6	14.84	222.9	14.06
	36.5	35.0	243.8	17.85	239.2	16.90	234.5	15.94	232.2	15.54	227.6	15.14	222.9	14.34
	32.0	30.7	234.8	17.39	230.3	16.46	225.9	15.53	223.6	15.14	219.2	14.75	214.7	13.96
	26.6	25.3	223.4	16.80	219.1	15.90	214.9	15.00	212.8	14.62	208.5	14.24	204.2	13.48
	23.0	21.9	216.2	16.54	212.1	15.66	207.9	14.78	205.9	14.40	201.8	14.03	197.6	13.28
	19.4	18.3	208.6	16.29	204.6	15.42	200.6	14.55	198.6	14.18	194.7	13.81	190.7	13.07
	14.0	13.1	197.5	15.93	193.8	15.08	190.0	14.23	188.1	13.87	184.4	13.50	180.6	12.78
	5.9	5.0	180.4	15.38	177.0	14.56	173.5	13.74	171.8	13.39	168.4	13.03	165.0	12.33
	-3.1	-4.0	160.9	14.75	157.8	13.97	154.8	13.18	153.3	12.84	150.2	12.50	147.1	11.81
	-9.0	-9.4	136.0	13.02	133.5	12.33	130.9	11.64	129.6	11.33	127.0	11.03	124.4	10.42
	-12.6	-13.0	119.5	11.78	117.2	11.16	114.9	10.54	113.8	10.26	111.5	9.98	109.2	9.43
	-17.3	-18.4	94.6	9.80	92.8	9.28	91.0	8.76	90.1	8.53	88.3	8.30	86.5	7.83
	-21.8	-22.0	78.0	8.36	76.5	7.92	75.0	7.47	74.3	7.28	72.8	7.08	71.3	6.68

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	204.1	14.12	200.2	13.36	196.3	12.60	194.4	12.29	190.5	11.98	186.6	11.36
	55.4	53.2	204.1	14.30	200.2	13.53	196.3	12.77	194.4	12.45	190.5	12.13	186.6	11.50
	51.8	49.6	204.1	14.50	200.2	13.73	196.3	12.95	194.4	12.63	190.5	12.30	186.6	11.66
	48.2	46.2	204.1	14.71	200.2	13.92	196.3	13.13	194.4	12.80	190.5	12.48	186.6	11.82
	47.0	43.0	204.1	14.91	200.2	14.11	196.3	13.31	194.4	12.98	190.5	12.65	186.6	11.98
	41.0	39.4	204.1	15.15	200.2	14.34	196.3	13.53	194.4	13.19	190.5	12.85	186.6	12.18
	36.5	35.0	204.1	15.46	200.2	14.64	196.3	13.81	194.4	13.46	190.5	13.11	186.6	12.42
	32.0	30.7	196.6	15.06	192.8	14.26	189.1	13.45	187.2	13.11	183.5	12.77	179.7	12.10
	26.6	25.3	187.0	14.55	183.5	13.77	179.9	12.99	178.1	12.66	174.6	12.34	171.0	11.68
	23.0	21.9	181.0	14.33	177.5	13.56	174.1	12.80	172.4	12.47	168.9	12.15	165.5	11.50
	19.4	18.3	174.6	14.11	171.3	13.36	168.0	12.61	166.3	12.28	163.0	11.96	159.6	11.32
	14.0	13.1	165.4	13.80	162.2	13.06	159.1	12.33	157.5	12.01	154.4	11.70	151.2	11.07
	5.9	5.0	151.0	13.32	148.2	12.61	145.3	11.90	143.9	11.60	141.0	11.29	138.1	10.68
	-3.1	-4.0	134.7	12.78	132.2	12.10	129.6	11.42	128.3	11.12	125.7	10.83	123.2	10.23
	-9.0	-9.4	113.9	11.27	111.7	10.68	109.6	10.08	108.5	9.81	106.3	9.55	104.1	9.02
	-12.6	-13.0	100.0	10.21	98.1	9.67	96.2	9.13	95.3	8.89	93.4	8.65	91.4	8.17
	-17.3	-18.4	79.2	8.49	77.7	8.04	76.2	7.59	75.4	7.39	73.9	7.19	72.4	6.78
	-21.8	-22.0	65.3	7.24	64.1	6.86	62.8	6.47	62.2	6.30	61.0	6.13	59.7	5.79
80	59.0	56.7	181.4	12.42	178.0	11.75	174.5	11.08	172.8	10.81	169.3	10.54	165.9	9.99
	55.4	53.2	181.4	12.58	178.0	11.90	174.5	11.23	172.8	10.95	169.3	10.67	165.9	10.11
	51.8	49.6	181.4	12.76	178.0	12.07	174.5	11.39	172.8	11.10	169.3	10.82	165.9	10.26
	48.2	46.2	181.4	12.94	178.0	12.24	174.5	11.55	172.8	11.26	169.3	10.97	165.9	10.40
	47.0	43.0	181.4	13.11	178.0	12.41	174.5	11.71	172.8	11.42	169.3	11.12	165.9	10.54
	41.0	39.4	181.4	13.33	178.0	12.61	174.5	11.90	172.8	11.60	169.3	11.30	165.9	10.71
	36.5	35.0	181.4	13.60	178.0	12.87	174.5	12.14	172.8	11.84	169.3	11.53	165.9	10.92
	32.0	30.7	174.7	13.25	171.4	12.54	168.1	11.83	166.4	11.53	163.1	11.23	159.8	10.64
	26.6	25.3	166.2	12.79	163.1	12.11	159.9	11.43	158.3	11.14	155.2	10.85	152.0	10.27
	23.0	21.9	160.9	12.60	157.8	11.93	154.7	11.26	153.2	10.97	150.1	10.68	147.1	10.11
	19.4	18.3	155.2	12.41	152.3	11.75	149.3	11.09	147.8	10.80	144.9	10.52	141.9	9.96
	14.0	13.1	147.0	12.14	144.2	11.49	141.4	10.84	140.0	10.56	137.2	10.29	134.4	9.73
	5.9	5.0	134.3	11.72	131.7	11.09	129.2	10.47	127.9	10.20	125.3	9.93	122.8	9.39
	-3.1	-4.0	119.8	11.24	117.5	10.64	115.2	10.04	114.0	9.78	111.8	9.52	109.5	9.00
	-9.0	-9.4	101.2	9.91	99.3	9.39	97.4	8.86	96.4	8.63	94.5	8.40	92.6	7.93
	-12.6	-13.0	88.9	8.98	87.2	8.50	85.5	8.03	84.7	7.82	83.0	7.60	81.3	7.18
	-17.3	-18.4	70.4	7.46	69.1	7.07	67.7	6.67	67.0	6.50	65.7	6.32	64.4	5.97
	-21.8	-22.0	58.1	6.37	57.0	6.03	55.8	5.69	55.3	5.54	54.2	5.39	53.1	5.09
70	59.0	56.7	158.8	10.75	155.7	10.17	152.7	9.60	151.2	9.36	148.2	9.12	145.2	8.65
	55.4	53.2	158.8	10.89	155.7	10.31	152.7	9.72	151.2	9.48	148.2	9.24	145.2	8.76
	51.8	49.6	158.8	11.04	155.7	10.45	152.7	9.86	151.2	9.61	148.2	9.37	145.2	8.88
	48.2	46.2	158.8	11.20	155.7	10.60	152.7	10.00	151.2	9.75	148.2	9.50	145.2	9.00
	47.0	43.0	158.8	11.35	155.7	10.75	152.7	10.14	151.2	9.88	148.2	9.63	145.2	9.13
	41.0	39.4	158.8	11.54	155.7	10.92	152.7	10.30	151.2	10.04	148.2	9.79	145.2	9.27
	36.5	35.0	158.8	11.77	155.7	11.14	152.7	10.51	151.2	10.25	148.2	9.99	145.2	9.46
	32.0	30.7	152.9	11.47	150.0	10.86	147.1	10.24	145.6	9.98	142.7	9.73	139.8	9.21
	26.6	25.3	145.5	11.08	142.7	10.49	139.9	9.89	138.5	9.64	135.8	9.39	133.0	8.89
	23.0	21.9	140.8	10.91	138.1	10.33	135.4	9.75	134.1	9.50	131.4	9.25	128.7	8.76
	19.4	18.3	135.8	10.74	133.2	10.17	130.6	9.60	129.3	9.35	126.8	9.11	124.2	8.62
	14.0	13.1	128.6	10.51	126.2	9.95	123.7	9.39	122.5	9.15	120.1	8.91	117.6	8.43
	5.9	5.0	117.5	10.14	115.2	9.60	113.0	9.06	111.9	8.83	109.7	8.60	107.4	8.13
	-3.1	-4.0	104.8	9.73	102.8	9.21	100.8	8.70	99.8	8.47	97.8	8.24	95.8	7.79
	-9.0	-9.4	88.6	8.58	86.9	8.13	85.2	7.67	84.4	7.47	82.7	7.27	81.0	6.87
	-12.6	-13.0	77.8	7.77	76.3	7.36	74.8	6.95	74.1	6.77	72.6	6.58	71.1	6.22
	-17.3	-18.4	61.6	6.46	60.4	6.12	59.3	5.78	58.7	5.63	57.5	5.47	56.3	5.17
	-21.8	-22.0	50.8	5.51	49.8	5.22	48.9	4.93	48.4	4.80	47.4	4.67	46.4	4.41

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP2161FT6P-UL/MMY-UP2161FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	255.2	18.53	250.3	17.54	245.4	16.54	243.0	16.13	238.1	15.72	233.3	14.91
	55.4	53.2	255.2	18.77	250.3	17.76	245.4	16.76	243.0	16.34	238.1	15.92	233.3	15.09
	51.8	49.6	255.2	19.04	250.3	18.01	245.4	16.99	243.0	16.57	238.1	16.15	233.3	15.30
	48.2	46.2	255.2	19.30	250.3	18.27	245.4	17.23	243.0	16.80	238.1	16.37	233.3	15.52
	47.0	43.0	255.2	19.57	250.3	18.52	245.4	17.47	243.0	17.04	238.1	16.60	233.3	15.73
	41.0	39.4	255.2	19.89	250.3	18.82	245.4	17.76	243.0	17.31	238.1	16.87	233.3	15.98
	36.5	35.0	255.2	20.29	250.3	19.21	245.4	18.12	243.0	17.67	238.1	17.21	233.3	16.30
	32.0	30.7	241.4	19.37	236.8	18.33	232.2	17.29	229.9	16.86	225.3	16.42	220.7	15.55
	26.6	25.3	223.9	18.16	219.7	17.19	215.4	16.22	213.3	15.81	209.0	15.40	204.7	14.57
	23.0	21.9	212.9	17.53	208.8	16.59	204.8	15.66	202.7	15.26	198.7	14.86	194.6	14.07
	19.4	18.3	201.2	16.87	197.4	15.97	193.6	15.07	191.7	14.69	187.8	14.30	184.0	13.54
	14.0	13.1	184.4	15.89	180.9	15.05	177.3	14.20	175.6	13.84	172.1	13.47	168.6	12.75
	5.9	5.0	158.2	14.30	155.2	13.54	152.2	12.78	150.7	12.45	147.6	12.12	144.6	11.46
	-3.1	-4.0	130.1	12.59	127.6	11.92	125.2	11.25	123.9	10.96	121.5	10.67	119.0	10.08
	-9.0	-9.4	108.7	11.02	106.6	10.43	104.5	9.85	103.5	9.59	101.4	9.33	99.3	8.82
	-12.6	-13.0	94.4	9.90	92.6	9.37	90.8	8.85	89.9	8.62	88.1	8.38	86.3	7.92
	-17.3	-18.4	72.9	8.09	71.5	7.66	70.1	7.23	69.4	7.04	68.0	6.85	66.6	6.47
	-21.8	-22.0	58.6	6.77	57.5	6.42	56.4	6.06	55.8	5.90	54.7	5.74	53.6	5.41
110	59.0	56.7	260.3	18.62	255.3	17.62	250.3	16.62	247.9	16.21	242.9	15.80	237.9	14.97
	55.4	53.2	260.3	18.86	255.3	17.85	250.3	16.83	247.9	16.42	242.9	16.00	237.9	15.16
	51.8	49.6	260.3	19.12	255.3	18.10	250.3	17.07	247.9	16.65	242.9	16.22	237.9	15.38
	48.2	46.2	260.3	19.39	255.3	18.35	250.3	17.31	247.9	16.88	242.9	16.45	237.9	15.59
	47.0	43.0	260.3	19.66	255.3	18.61	250.3	17.55	247.9	17.12	242.9	16.68	237.9	15.80
	41.0	39.4	260.3	19.98	255.3	18.91	250.3	17.84	247.9	17.39	242.9	16.95	237.9	16.05
	36.5	35.0	260.3	20.39	255.3	19.30	250.3	18.21	247.9	17.75	242.9	17.29	237.9	16.38
	32.0	30.7	246.2	19.46	241.5	18.42	236.8	17.38	234.5	16.94	229.8	16.50	225.1	15.62
	26.6	25.3	228.4	18.24	224.1	17.27	219.7	16.29	217.5	15.88	213.2	15.47	208.8	14.64
	23.0	21.9	217.1	17.61	213.0	16.67	208.9	15.73	206.8	15.33	202.7	14.93	198.5	14.13
	19.4	18.3	205.3	16.95	201.4	16.05	197.4	15.14	195.5	14.76	191.6	14.37	187.7	13.60
	14.0	13.1	188.1	15.97	184.5	15.12	180.9	14.26	179.1	13.90	175.5	13.53	171.9	12.80
	5.9	5.0	161.4	14.36	158.3	13.60	155.2	12.84	153.7	12.51	150.6	12.17	147.5	11.51
	-3.1	-4.0	132.7	12.65	130.2	11.98	127.7	11.31	126.4	11.01	123.9	10.72	121.4	10.13
	-9.0	-9.4	110.8	11.07	108.7	10.48	106.6	9.89	105.6	9.63	103.4	9.38	101.3	8.86
	-12.6	-13.0	96.2	9.94	94.4	9.42	92.6	8.89	91.7	8.66	89.8	8.42	88.0	7.95
	-17.3	-18.4	74.3	8.12	72.9	7.70	71.5	7.27	70.8	7.07	69.4	6.88	68.0	6.50
	-21.8	-22.0	59.8	6.81	58.6	6.45	57.5	6.09	56.9	5.93	55.8	5.76	54.6	5.44
120	59.0	56.7	267.9	18.88	262.8	17.87	257.7	16.85	255.2	16.44	250.0	16.02	244.9	15.19
	55.4	53.2	267.9	19.12	262.8	18.10	257.7	17.07	255.2	16.65	250.0	16.23	244.9	15.38
	51.8	49.6	267.9	19.39	262.8	18.35	257.7	17.31	255.2	16.88	250.0	16.45	244.9	15.59
	48.2	46.2	267.9	19.67	262.8	18.61	257.7	17.56	255.2	17.12	250.0	16.68	244.9	15.81
	47.0	43.0	267.9	19.94	262.8	18.87	257.7	17.80	255.2	17.36	250.0	16.91	244.9	16.02
	41.0	39.4	267.9	20.26	262.8	19.18	257.7	18.09	255.2	17.64	250.0	17.19	244.9	16.28
	36.5	35.0	267.9	20.68	262.8	19.57	257.7	18.46	255.2	18.00	250.0	17.54	244.9	16.61
	32.0	30.7	253.5	19.73	248.6	18.68	243.8	17.62	241.4	17.18	236.6	16.73	231.7	15.84
	26.6	25.3	235.1	18.50	230.6	17.51	226.2	16.52	223.9	16.10	219.5	15.69	215.0	14.85
	23.0	21.9	223.5	17.86	219.3	16.91	215.0	15.95	212.9	15.55	208.6	15.14	204.4	14.33
	19.4	18.3	211.3	17.19	207.3	16.27	203.3	15.36	201.2	14.96	197.2	14.57	193.2	13.79
	14.0	13.1	193.6	16.19	189.9	15.33	186.2	14.47	184.4	14.10	180.7	13.73	177.0	12.99
	5.9	5.0	166.1	14.57	162.9	13.79	159.8	13.02	158.2	12.68	155.0	12.35	151.9	11.67
	-3.1	-4.0	136.6	12.83	134.0	12.15	131.4	11.47	130.1	11.17	127.5	10.87	124.9	10.27
	-9.0	-9.4	114.1	11.22	111.9	10.63	109.7	10.03	108.7	9.77	106.5	9.51	104.3	8.98
	-12.6	-13.0	99.1	10.08	97.2	9.55	95.3	9.02	94.4	8.78	92.5	8.54	90.6	8.07
	-17.3	-18.4	76.5	8.24	75.1	7.80	73.6	7.37	72.9	7.17	71.4	6.98	70.0	6.59
	-21.8	-22.0	61.5	6.90	60.3	6.54	59.2	6.17	58.6	6.01	57.4	5.85	56.2	5.52
130	59.0	56.7	274.3	19.05	269.1	18.03	263.8	17.00	261.2	16.58	256.0	16.16	250.8	15.32
	55.4	53.2	274.3	19.29	269.1	18.26	263.8	17.22	261.2	16.80	256.0	16.37	250.8	15.51
	51.8	49.6	274.3	19.57	269.1	18.52	263.8	17.47	261.2	17.03	256.0	16.60	250.8	15.73
	48.2	46.2	274.3	19.84	269.1	18.78	263.8	17.71	261.2	17.27	256.0	16.83	250.8	15.95
	47.0	43.0	274.3	20.12	269.1	19.04	263.8	17.96	261.2	17.51	256.0	17.06	250.8	16.17
	41.0	39.4	274.3	20.44	269.1	19.35	263.8	18.25	261.2	17.79	256.0	17.34	250.8	16.42
	36.5	35.0	274.3	20.86	269.1	19.74	263.8	18.63	261.2	18.16	256.0	17.69	250.8	16.76
	32.0	30.7	259.5	19.91	254.5	18.84	249.6	17.78	247.1	17.33	242.2	16.88	237.2	15.99
	26.6	25.3	240.7	18.66	236.1	17.67	231.6	16.67	229.3	16.25	224.7	15.82	220.1	14.98
	23.0	21.9	228.8	18.02	224.5	17.06	220.1	16.09	217.9	15.68	213.6	15.28	209.2	14.46
	19.4	18.3	216.3	17.34	212.2	16.42	208.1	15.49	206.0	15.10	201.9	14.70	197.8	13.91
	14.0	13.1	198.2	16.34	194.4	15.47	190.6	14.59	188.8	14.22	185.0	13.85	181.2	13.10
	5.9	5.0	170.1	14.70	166.8	13.91	163.6	13.13	162.0	12.79	158.7	12.46	155.5	11.78
	-3.1	-4.0	139.9	12.94	137.2	12.26	134.6	11.57	133.2	11.27	130.6	10.97	127.9	10.36
	-9.0	-9.4	116.8	11.32	114.6	10.72	112.4	10.12	111.3	9.86	109.0	9.59	106.8	9.06
	-12.6	-13.0	101.4	10.17	99.5	9.63	97.6	9.09	96.6	8.86	94.7	8.62	92.7	8.14
	-17.3	-18.4	78.4	8.31	76.9	7.87	75.4	7.43	74.6	7.24	73.1	7.04	71.6	6.65
	-21.8	-22.0	63.0	6.96	61.8	6.60	60.6	6.23	60.0	6.06	58.8	5.90	57.6	5.57

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	229.6	16.50	225.3	15.61	220.9	14.73	218.7	14.36	214.3	14.00	210.0	13.27
	55.4	53.2	229.6	16.71	225.3	15.81	220.9	14.92	218.7	14.55	214.3	14.18	210.0	13.44
	51.8	49.6	229.6	16.95	225.3	16.04	220.9	15.13	218.7	14.75	214.3	14.38	210.0	13.63
	48.2	46.2	229.6	17.19	225.3	16.26	220.9	15.34	218.7	14.96	214.3	14.58	210.0	13.81
	47.0	43.0	229.6	17.42	225.3	16.49	220.9	15.56	218.7	15.17	214.3	14.78	210.0	14.00
	41.0	39.4	229.6	17.71	225.3	16.76	220.9	15.81	218.7	15.41	214.3	15.02	210.0	14.23
	36.5	35.0	229.6	18.07	225.3	17.10	220.9	16.13	218.7	15.73	214.3	15.32	210.0	14.51
	32.0	30.7	217.2	17.24	213.1	16.32	209.0	15.40	206.9	15.01	202.8	14.62	198.6	13.85
	26.6	25.3	201.5	16.17	197.7	15.30	193.9	14.44	191.9	14.07	188.1	13.71	184.3	12.98
	23.0	21.9	191.6	15.61	187.9	14.77	184.3	13.94	182.5	13.59	178.8	13.23	175.2	12.52
	19.4	18.3	181.1	15.02	177.7	14.22	174.2	13.42	172.5	13.08	169.0	12.74	165.6	12.05
	14.0	13.1	165.9	14.15	162.8	13.40	159.6	12.64	158.0	12.32	154.9	11.99	151.7	11.35
	5.9	5.0	142.4	12.73	139.7	12.05	136.9	11.38	135.6	11.08	132.9	10.79	130.2	10.20
	-3.1	-4.0	117.1	11.21	114.9	10.62	112.7	10.02	111.5	9.76	109.3	9.50	107.1	8.98
	-9.0	-9.4	97.8	9.81	95.9	9.29	94.1	8.77	93.1	8.54	91.3	8.31	89.4	7.85
	-12.6	-13.0	84.9	8.81	83.3	8.34	81.7	7.88	80.9	7.67	79.3	7.46	77.6	7.05
	-17.3	-18.4	65.6	7.20	64.4	6.82	63.1	6.44	62.5	6.27	61.2	6.10	60.0	5.76
	-21.8	-22.0	52.7	6.03	51.7	5.71	50.7	5.39	50.2	5.25	49.2	5.11	48.2	4.82
80	59.0	56.7	204.1	14.51	200.2	13.73	196.3	12.95	194.4	12.63	190.5	12.31	186.6	11.67
	55.4	53.2	204.1	14.70	200.2	13.91	196.3	13.12	194.4	12.79	190.5	12.47	186.6	11.82
	51.8	49.6	204.1	14.91	200.2	14.11	196.3	13.31	194.4	12.98	190.5	12.64	186.6	11.98
	48.2	46.2	204.1	15.11	200.2	14.30	196.3	13.49	194.4	13.16	190.5	12.82	186.6	12.15
	47.0	43.0	204.1	15.32	200.2	14.50	196.3	13.68	194.4	13.34	190.5	13.00	186.6	12.32
	41.0	39.4	204.1	15.57	200.2	14.74	196.3	13.90	194.4	13.56	190.5	13.21	186.6	12.51
	36.5	35.0	204.1	15.89	200.2	15.04	196.3	14.19	194.4	13.83	190.5	13.48	186.6	12.76
	32.0	30.7	193.1	15.16	189.4	14.35	185.7	13.54	183.9	13.20	180.2	12.86	176.6	12.18
	26.6	25.3	179.1	14.22	175.7	13.46	172.3	12.70	170.6	12.38	167.2	12.05	163.8	11.41
	23.0	21.9	170.3	13.72	167.1	12.99	163.8	12.26	162.2	11.95	158.9	11.64	155.7	11.01
	19.4	18.3	161.0	13.21	157.9	12.51	154.9	11.80	153.3	11.50	150.3	11.20	147.2	10.60
	14.0	13.1	147.5	12.44	144.7	11.78	141.9	11.12	140.5	10.83	137.7	10.55	134.9	9.98
	5.9	5.0	126.6	11.20	124.1	10.60	121.7	10.00	120.5	9.75	118.1	9.49	115.7	8.97
	-3.1	-4.0	104.1	9.86	102.1	9.34	100.1	8.81	99.1	8.58	97.2	8.35	95.2	7.89
	-9.0	-9.4	86.9	8.63	85.3	8.17	83.6	7.71	82.8	7.51	81.1	7.31	79.5	6.90
	-12.6	-13.0	75.5	7.75	74.0	7.34	72.6	6.93	71.9	6.75	70.5	6.56	69.0	6.20
	-17.3	-18.4	58.3	6.33	57.2	6.00	56.1	5.66	55.5	5.51	54.4	5.36	53.3	5.06
	-21.8	-22.0	46.9	5.30	46.0	5.02	45.1	4.74	44.6	4.62	43.7	4.49	42.8	4.24
70	59.0	56.7	178.6	12.56	175.2	11.89	171.8	11.21	170.1	10.94	166.7	10.66	163.3	10.10
	55.4	53.2	178.6	12.72	175.2	12.04	171.8	11.36	170.1	11.08	166.7	10.80	163.3	10.23
	51.8	49.6	178.6	12.90	175.2	12.21	171.8	11.52	170.1	11.23	166.7	10.95	163.3	10.38
	48.2	46.2	178.6	13.09	175.2	12.38	171.8	11.68	170.1	11.39	166.7	11.10	163.3	10.52
	47.0	43.0	178.6	13.27	175.2	12.56	171.8	11.85	170.1	11.55	166.7	11.25	163.3	10.66
	41.0	39.4	178.6	13.48	175.2	12.76	171.8	12.04	170.1	11.74	166.7	11.44	163.3	10.83
	36.5	35.0	178.6	13.76	175.2	13.02	171.8	12.29	170.1	11.98	166.7	11.67	163.3	11.05
	32.0	30.7	169.0	13.13	165.7	12.43	162.5	11.72	160.9	11.43	157.7	11.13	154.5	10.54
	26.6	25.3	156.8	12.31	153.8	11.65	150.8	10.99	149.3	10.72	146.3	10.44	143.3	9.88
	23.0	21.9	149.0	11.88	146.2	11.25	143.3	10.61	141.9	10.34	139.1	10.08	136.2	9.54
	19.4	18.3	140.9	11.44	138.2	10.83	135.5	10.22	134.2	9.96	131.5	9.70	128.8	9.18
	14.0	13.1	129.1	10.77	126.6	10.20	124.1	9.63	122.9	9.38	120.5	9.13	118.0	8.64
	5.9	5.0	110.7	9.69	108.6	9.18	106.5	8.66	105.5	8.44	103.4	8.22	101.2	7.77
	-3.1	-4.0	91.1	8.54	89.4	8.08	87.6	7.63	86.8	7.43	85.0	7.23	83.3	6.84
	-9.0	-9.4	76.1	7.47	74.6	7.07	73.2	6.68	72.4	6.50	71.0	6.33	69.5	5.98
	-12.6	-13.0	66.0	6.71	64.8	6.35	63.5	6.00	62.9	5.84	61.6	5.68	60.4	5.37
	-17.3	-18.4	51.0	5.48	50.1	5.19	49.1	4.90	48.6	4.77	47.6	4.64	46.7	4.38
	-21.8	-22.0	41.0	4.59	40.2	4.35	39.4	4.11	39.1	4.00	38.3	3.89	37.5	3.67

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP2401FT6P-UL/MMY-UP2401FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	283.5	21.52	278.1	20.37	272.7	19.21	270.0	18.74	264.6	18.26	259.2	17.31
	55.4	53.2	283.5	21.80	278.1	20.63	272.7	19.46	270.0	18.98	264.6	18.50	259.2	17.53
	51.8	49.6	283.5	22.11	278.1	20.92	272.7	19.74	270.0	19.25	264.6	18.76	259.2	17.77
	48.2	46.2	283.5	22.42	278.1	21.22	272.7	20.01	270.0	19.52	264.6	19.02	259.2	18.02
	47.0	43.0	283.5	22.73	278.1	21.51	272.7	20.29	270.0	19.79	264.6	19.28	259.2	18.27
	41.0	39.4	283.5	23.10	278.1	21.86	272.7	20.62	270.0	20.11	264.6	19.59	259.2	18.56
	36.5	35.0	283.5	23.57	278.1	22.31	272.7	21.05	270.0	20.52	264.6	19.99	259.2	18.93
	32.0	30.7	268.2	22.49	263.1	21.29	258.0	20.09	255.4	19.58	250.3	19.07	245.2	18.06
	26.6	25.3	248.8	21.09	244.1	19.96	239.3	18.83	237.0	18.36	232.2	17.88	227.5	16.93
	23.0	21.9	236.5	20.36	232.0	19.27	227.5	18.18	225.3	17.72	220.8	17.26	216.3	16.34
	19.4	18.3	223.6	19.60	219.3	18.55	215.1	17.50	213.0	17.06	208.7	16.61	204.4	15.72
	14.0	13.1	204.9	18.46	201.0	17.47	197.1	16.49	195.1	16.07	191.2	15.65	187.3	14.80
	5.9	5.0	175.8	16.61	172.4	15.72	169.1	14.84	167.4	14.46	164.1	14.07	160.7	13.31
	-3.1	-4.0	144.6	14.62	141.8	13.85	139.1	13.07	137.7	12.73	134.9	12.39	132.2	11.71
	-9.0	-9.4	120.7	12.79	118.4	12.12	116.1	11.44	115.0	11.14	112.7	10.84	110.4	10.24
	-12.6	-13.0	104.8	11.49	102.8	10.88	100.8	10.28	99.8	10.01	97.8	9.74	95.9	9.19
	-17.3	-18.4	81.0	9.39	79.4	8.90	77.9	8.40	77.1	8.18	75.6	7.95	74.0	7.51
	-21.8	-22.0	65.1	7.87	63.9	7.45	62.6	7.04	62.0	6.85	60.8	6.66	59.5	6.29
110	59.0	56.7	289.2	21.62	283.7	20.46	278.2	19.30	275.4	18.82	269.9	18.35	264.4	17.39
	55.4	53.2	289.2	21.90	283.7	20.73	278.2	19.55	275.4	19.07	269.9	18.58	264.4	17.61
	51.8	49.6	289.2	22.21	283.7	21.02	278.2	19.83	275.4	19.34	269.9	18.84	264.4	17.86
	48.2	46.2	289.2	22.52	283.7	21.32	278.2	20.11	275.4	19.61	269.9	19.11	264.4	18.10
	47.0	43.0	289.2	22.84	283.7	21.61	278.2	20.39	275.4	19.88	269.9	19.37	264.4	18.35
	41.0	39.4	289.2	23.20	283.7	21.96	278.2	20.72	275.4	20.20	269.9	19.68	264.4	18.64
	36.5	35.0	289.2	23.68	283.7	22.41	278.2	21.15	275.4	20.61	269.9	20.08	264.4	19.02
	32.0	30.7	273.6	22.60	268.4	21.39	263.1	20.18	260.5	19.67	255.3	19.16	250.1	18.15
	26.6	25.3	253.8	21.19	249.0	20.05	244.1	18.92	241.7	18.44	236.9	17.96	232.0	17.01
	23.0	21.9	241.3	20.45	236.7	19.36	232.1	18.27	229.8	17.80	225.2	17.34	220.6	16.41
	19.4	18.3	228.1	19.69	223.7	18.64	219.4	17.59	217.2	17.14	212.9	16.69	208.5	15.79
	14.0	13.1	209.0	18.54	205.0	17.56	201.0	16.57	199.0	16.14	195.0	15.72	191.0	14.87
	5.9	5.0	179.3	16.68	175.9	15.80	172.5	14.91	170.7	14.52	167.3	14.14	163.9	13.37
	-3.1	-4.0	147.5	14.69	144.7	13.91	141.9	13.13	140.5	12.79	137.6	12.45	134.8	11.76
	-9.0	-9.4	123.2	12.85	120.8	12.17	118.5	11.49	117.3	11.19	114.9	10.89	112.6	10.29
	-12.6	-13.0	106.9	11.55	104.9	10.94	102.9	10.32	101.8	10.05	99.8	9.78	97.8	9.24
	-17.3	-18.4	82.6	9.44	81.0	8.94	79.5	8.44	78.7	8.22	77.1	7.99	75.5	7.54
	-21.8	-22.0	66.4	7.91	65.1	7.49	63.9	7.07	63.2	6.88	62.0	6.69	60.7	6.32
120	59.0	56.7	297.7	21.93	292.0	20.75	286.3	19.57	283.5	19.09	277.8	18.61	272.2	17.64
	55.4	53.2	297.7	22.21	292.0	21.02	286.3	19.83	283.5	19.34	277.8	18.84	272.2	17.86
	51.8	49.6	297.7	22.53	292.0	21.32	286.3	20.11	283.5	19.61	277.8	19.11	272.2	18.11
	48.2	46.2	297.7	22.84	292.0	21.62	286.3	20.39	283.5	19.88	277.8	19.38	272.2	18.36
	47.0	43.0	297.7	23.16	292.0	21.92	286.3	20.68	283.5	20.16	277.8	19.64	272.2	18.61
	41.0	39.4	297.7	23.53	292.0	22.27	286.3	21.01	283.5	20.49	277.8	19.96	272.2	18.91
	36.5	35.0	297.7	24.02	292.0	22.73	286.3	21.44	283.5	20.91	277.8	20.37	272.2	19.29
	32.0	30.7	281.6	22.92	276.2	21.69	270.9	20.47	268.2	19.95	262.8	19.43	257.5	18.40
	26.6	25.3	261.3	21.49	256.3	20.34	251.3	19.19	248.8	18.70	243.8	18.22	238.9	17.25
	23.0	21.9	248.4	20.74	243.6	19.63	238.9	18.53	236.5	18.06	231.8	17.59	227.1	16.65
	19.4	18.3	234.8	19.96	230.3	18.90	225.8	17.83	223.6	17.38	219.1	16.93	214.7	16.02
	14.0	13.1	215.1	18.81	211.0	17.80	206.9	16.80	204.9	16.37	200.8	15.94	196.7	15.08
	5.9	5.0	184.6	16.92	181.0	16.02	177.5	15.12	175.8	14.73	172.3	14.34	168.7	13.56
	-3.1	-4.0	151.8	14.90	148.9	14.11	146.0	13.32	144.6	12.97	141.7	12.62	138.8	11.93
	-9.0	-9.4	126.8	13.04	124.4	12.34	121.9	11.65	120.7	11.35	118.3	11.04	115.9	10.43
	-12.6	-13.0	110.1	11.71	108.0	11.09	105.9	10.47	104.8	10.19	102.7	9.92	100.6	9.37
	-17.3	-18.4	85.0	9.57	83.4	9.06	81.8	8.56	81.0	8.33	79.4	8.10	77.8	7.65
	-21.8	-22.0	68.3	8.02	67.0	7.59	65.7	7.17	65.1	6.98	63.8	6.79	62.5	6.41
130	59.0	56.7	304.8	22.12	299.0	20.94	293.2	19.75	290.3	19.26	284.4	18.77	278.6	17.79
	55.4	53.2	304.8	22.41	299.0	21.21	293.2	20.00	290.3	19.51	284.4	19.01	278.6	18.02
	51.8	49.6	304.8	22.72	299.0	21.51	293.2	20.29	290.3	19.78	284.4	19.28	278.6	18.27
	48.2	46.2	304.8	23.04	299.0	21.81	293.2	20.57	290.3	20.06	284.4	19.55	278.6	18.52
	47.0	43.0	304.8	23.36	299.0	22.11	293.2	20.86	290.3	20.34	284.4	19.82	278.6	18.78
	41.0	39.4	304.8	23.74	299.0	22.47	293.2	21.20	290.3	20.67	284.4	20.14	278.6	19.08
	36.5	35.0	304.8	24.23	299.0	22.93	293.2	21.63	290.3	21.09	284.4	20.55	278.6	19.46
	32.0	30.7	288.3	23.12	282.8	21.88	277.3	20.65	274.6	20.13	269.1	19.61	263.6	18.57
	26.6	25.3	267.5	21.68	262.4	20.52	257.3	19.36	254.7	18.87	249.6	18.38	244.5	17.40
	23.0	21.9	254.3	20.93	249.4	19.81	244.6	18.69	242.2	18.22	237.3	17.74	232.5	16.79
	19.4	18.3	240.4	20.14	235.8	19.07	231.2	17.99	228.9	17.53	224.3	17.08	219.8	16.16
	14.0	13.1	220.2	18.97	216.0	17.96	211.8	16.95	209.7	16.52	205.5	16.08	201.3	15.22
	5.9	5.0	189.0	17.07	185.4	16.16	181.8	15.25	180.0	14.86	176.4	14.47	172.8	13.68
	-3.1	-4.0	155.4	15.03	152.5	14.23	149.5	13.44	148.0	13.09	145.1	12.74	142.1	12.04
	-9.0	-9.4	129.8	13.15	127.3	12.45	124.8	11.76	123.6	11.45	121.1	11.14	118.7	10.52
	-12.6	-13.0	112.7	11.81	110.6	11.19	108.4	10.56	107.3	10.29	105.2	10.01	103.0	9.45
	-17.3	-18.4	87.1	9.65	85.4	9.14	83.7	8.63	82.9	8.41	81.3	8.18	79.6	7.72
	-21.8	-22.0	70.0	8.09	68.6	7.66	67.3	7.23	66.6	7.04	65.3	6.85	64.0	6.46

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	255.2	19.16	250.3	18.13	245.4	17.11	243.0	16.68	238.1	16.26	233.3	15.41
	55.4	53.2	255.2	19.41	250.3	18.37	245.4	17.33	243.0	16.90	238.1	16.47	233.3	15.61
	51.8	49.6	255.2	19.68	250.3	18.63	245.4	17.57	243.0	17.14	238.1	16.70	233.3	15.83
	48.2	46.2	255.2	19.96	250.3	18.89	245.4	17.82	243.0	17.38	238.1	16.93	233.3	16.04
	47.0	43.0	255.2	20.24	250.3	19.15	245.4	18.07	243.0	17.62	238.1	17.17	233.3	16.26
	41.0	39.4	255.2	20.56	250.3	19.46	245.4	18.36	243.0	17.90	238.1	17.44	233.3	16.52
	36.5	35.0	255.2	20.99	250.3	19.86	245.4	18.74	243.0	18.27	238.1	17.80	233.3	16.86
	32.0	30.7	241.4	20.03	236.8	18.95	232.2	17.88	229.9	17.43	225.3	16.98	220.7	16.08
	26.6	25.3	223.9	18.78	219.7	17.77	215.4	16.77	213.3	16.34	209.0	15.92	204.7	15.07
	23.0	21.9	212.9	18.13	208.8	17.16	204.8	16.19	202.7	15.78	198.7	15.37	194.6	14.55
	19.4	18.3	201.2	17.45	197.4	16.52	193.6	15.58	191.7	15.19	187.8	14.79	184.0	14.00
	14.0	13.1	184.4	16.43	180.9	15.56	177.3	14.68	175.6	14.31	172.1	13.93	168.6	13.18
	5.9	5.0	158.2	14.78	155.2	14.00	152.2	13.21	150.7	12.87	147.6	12.53	144.6	11.85
	-3.1	-4.0	130.1	13.02	127.6	12.33	125.2	11.64	123.9	11.34	121.5	11.03	119.0	10.43
	-9.0	-9.4	108.7	11.39	106.6	10.79	104.5	10.18	103.5	9.92	101.4	9.65	99.3	9.12
	-12.6	-13.0	94.4	10.23	92.6	9.69	90.8	9.15	89.9	8.91	88.1	8.67	86.3	8.19
	-17.3	-18.4	72.9	8.36	71.5	7.92	70.1	7.48	69.4	7.28	68.0	7.08	66.6	6.69
	-21.8	-22.0	58.6	7.01	57.5	6.64	56.4	6.27	55.8	6.10	54.7	5.93	53.6	5.60
80	59.0	56.7	226.8	16.85	222.5	15.95	218.2	15.04	216.0	14.67	211.7	14.30	207.4	13.56
	55.4	53.2	226.8	17.07	222.5	16.15	218.2	15.24	216.0	14.86	211.7	14.48	207.4	13.73
	51.8	49.6	226.8	17.31	222.5	16.38	218.2	15.45	216.0	15.07	211.7	14.69	207.4	13.92
	48.2	46.2	226.8	17.55	222.5	16.61	218.2	15.67	216.0	15.28	211.7	14.89	207.4	14.11
	47.0	43.0	226.8	17.80	222.5	16.84	218.2	15.89	216.0	15.49	211.7	15.10	207.4	14.30
	41.0	39.4	226.8	18.09	222.5	17.12	218.2	16.15	216.0	15.74	211.7	15.34	207.4	14.53
	36.5	35.0	226.8	18.46	222.5	17.47	218.2	16.48	216.0	16.07	211.7	15.65	207.4	14.82
	32.0	30.7	214.6	17.61	210.5	16.67	206.4	15.73	204.3	15.33	200.3	14.94	196.2	14.14
	26.6	25.3	199.0	16.51	195.3	15.63	191.5	14.75	189.6	14.37	185.8	14.00	182.0	13.25
	23.0	21.9	189.2	15.94	185.6	15.09	182.0	14.24	180.2	13.88	176.6	13.52	173.0	12.79
	19.4	18.3	178.9	15.34	175.5	14.52	172.1	13.71	170.4	13.36	167.0	13.01	163.5	12.31
	14.0	13.1	163.9	14.45	160.8	13.68	157.6	12.91	156.1	12.58	153.0	12.25	149.8	11.59
	5.9	5.0	140.6	13.00	137.9	12.31	135.3	11.62	133.9	11.32	131.2	11.02	128.6	10.42
	-3.1	-4.0	115.7	11.45	113.5	10.84	111.3	10.24	110.2	9.97	108.0	9.70	105.8	9.17
	-9.0	-9.4	96.6	10.02	94.7	9.49	92.9	8.96	92.0	8.72	90.2	8.49	88.3	8.02
	-12.6	-13.0	83.9	9.00	82.3	8.52	80.7	8.05	79.9	7.83	78.3	7.62	76.7	7.20
	-17.3	-18.4	64.8	7.35	63.6	6.97	62.3	6.58	61.7	6.40	60.5	6.23	59.2	5.88
	-21.8	-22.0	52.1	6.16	51.1	5.84	50.1	5.51	49.6	5.36	48.6	5.22	47.6	4.92
70	59.0	56.7	198.5	14.59	194.7	13.81	190.9	13.02	189.0	12.70	185.2	12.38	181.4	11.74
	55.4	53.2	198.5	14.78	194.7	13.99	190.9	13.19	189.0	12.87	185.2	12.54	181.4	11.88
	51.8	49.6	198.5	14.99	194.7	14.18	190.9	13.38	189.0	13.05	185.2	12.72	181.4	12.05
	48.2	46.2	198.5	15.20	194.7	14.38	190.9	13.57	189.0	13.23	185.2	12.89	181.4	12.22
	47.0	43.0	198.5	15.41	194.7	14.58	190.9	13.76	189.0	13.41	185.2	13.07	181.4	12.38
	41.0	39.4	198.5	15.66	194.7	14.82	190.9	13.98	189.0	13.63	185.2	13.28	181.4	12.58
	36.5	35.0	198.5	15.98	194.7	15.12	190.9	14.27	189.0	13.91	185.2	13.55	181.4	12.84
	32.0	30.7	187.7	15.25	184.2	14.43	180.6	13.62	178.8	13.27	175.2	12.93	171.6	12.24
	26.6	25.3	174.2	14.30	170.9	13.53	167.5	12.77	165.9	12.45	162.6	12.12	159.2	11.48
	23.0	21.9	165.6	13.80	162.4	13.06	159.3	12.33	157.7	12.01	154.5	11.70	151.4	11.08
	19.4	18.3	156.5	13.28	153.5	12.58	150.6	11.87	149.1	11.56	146.1	11.26	143.1	10.66
	14.0	13.1	143.4	12.51	140.7	11.85	137.9	11.18	136.6	10.89	133.8	10.61	131.1	10.04
	5.9	5.0	123.0	11.26	120.7	10.66	118.4	10.06	117.2	9.80	114.8	9.54	112.5	9.02
	-3.1	-4.0	101.2	9.91	99.3	9.39	97.4	8.86	96.4	8.63	94.5	8.40	92.5	7.94
	-9.0	-9.4	84.5	8.67	82.9	8.21	81.3	7.75	80.5	7.55	78.9	7.35	77.3	6.94
	-12.6	-13.0	73.4	7.79	72.0	7.38	70.6	6.97	69.9	6.78	68.5	6.60	67.1	6.23
	-17.3	-18.4	56.7	6.37	55.6	6.03	54.5	5.69	54.0	5.54	52.9	5.39	51.8	5.09
	-21.8	-22.0	45.6	5.33	44.7	5.05	43.8	4.77	43.4	4.64	42.5	4.52	41.7	4.26

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP2641FT6P-UL/MMY-UP2641FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	311.9	25.29	305.9	23.93	300.0	22.57	297.0	22.01	291.1	21.45	285.1	20.34
	55.4	53.2	311.9	25.61	305.9	24.24	300.0	22.86	297.0	22.29	291.1	21.73	285.1	20.59
	51.8	49.6	311.9	25.97	305.9	24.58	300.0	23.19	297.0	22.61	291.1	22.03	285.1	20.88
	48.2	46.2	311.9	26.34	305.9	24.92	300.0	23.51	297.0	22.93	291.1	22.34	285.1	21.17
	47.0	43.0	311.9	26.70	305.9	25.27	300.0	23.84	297.0	23.25	291.1	22.65	285.1	21.46
	41.0	39.4	300.6	25.59	294.8	24.22	289.1	22.85	286.2	22.28	280.5	21.71	274.8	20.56
	36.5	35.0	287.1	24.28	281.6	22.98	276.2	21.68	273.4	21.13	267.9	20.59	262.5	19.50
	32.0	30.7	273.6	23.65	268.4	22.38	263.2	21.12	260.6	20.59	255.4	20.05	250.2	18.99
	26.6	25.3	256.8	22.86	251.9	21.64	247.0	20.42	244.5	19.90	239.7	19.39	234.8	18.35
	23.0	21.9	246.1	22.36	241.4	21.17	236.7	19.97	234.4	19.47	229.7	18.96	225.0	17.95
	19.4	18.3	234.9	21.83	230.4	20.66	225.9	19.50	223.7	19.00	219.2	18.51	214.8	17.51
	14.0	13.1	218.6	21.05	214.4	19.92	210.3	18.80	208.2	18.32	204.0	17.84	199.9	16.88
	5.9	5.0	193.3	19.80	189.7	18.75	186.0	17.69	184.1	17.24	180.5	16.78	176.8	15.87
	-3.1	-4.0	159.0	17.55	156.0	16.62	153.0	15.69	151.5	15.28	148.4	14.87	145.4	14.05
	-9.0	-9.4	135.3	15.64	132.7	14.81	130.2	13.98	128.9	13.62	126.3	13.25	123.7	12.52
	-12.6	-13.0	119.5	14.28	117.2	13.53	115.0	12.77	113.8	12.44	111.5	12.10	109.3	11.43
	-17.3	-18.4	95.8	12.10	94.0	11.46	92.2	10.82	91.2	10.53	89.4	10.25	87.6	9.67
	-21.8	-22.0	80.0	10.52	78.5	9.96	76.9	9.41	76.2	9.15	74.7	8.90	73.1	8.40
110	59.0	56.7	318.1	25.40	312.0	24.04	306.0	22.67	302.9	22.11	296.9	21.55	290.8	20.43
	55.4	53.2	318.1	25.73	312.0	24.35	306.0	22.97	302.9	22.40	296.9	21.83	290.8	20.69
	51.8	49.6	318.1	26.09	312.0	24.69	306.0	23.29	302.9	22.71	296.9	22.14	290.8	20.98
	48.2	46.2	318.1	26.46	312.0	25.04	306.0	23.62	302.9	23.03	296.9	22.45	290.8	21.27
	47.0	43.0	318.1	26.83	312.0	25.39	306.0	23.95	302.9	23.35	296.9	22.76	290.8	21.56
	41.0	39.4	306.6	25.71	300.7	24.34	294.9	22.96	292.0	22.38	286.1	21.81	280.3	20.66
	36.5	35.0	292.8	24.39	287.3	23.08	281.7	21.78	278.9	21.23	273.3	20.69	267.7	19.59
	32.0	30.7	279.1	23.76	273.8	22.49	268.5	21.22	265.8	20.68	260.5	20.15	255.2	19.08
	26.6	25.3	261.9	22.97	256.9	21.74	251.9	20.52	249.4	20.00	244.5	19.48	239.5	18.44
	23.0	21.9	251.0	22.47	246.3	21.27	241.5	20.07	239.1	19.56	234.3	19.05	229.5	18.03
	19.4	18.3	239.6	21.93	235.0	20.76	230.5	19.59	228.2	19.09	223.6	18.59	219.0	17.59
	14.0	13.1	223.0	21.14	218.7	20.02	214.5	18.89	212.4	18.41	208.1	17.92	203.9	16.96
	5.9	5.0	197.2	19.89	193.5	18.83	189.7	17.78	187.8	17.32	184.1	16.86	180.3	15.94
	-3.1	-4.0	162.2	17.63	159.1	16.70	156.0	15.76	154.5	15.35	151.4	14.94	148.3	14.12
	-9.0	-9.4	138.0	15.71	135.4	14.88	132.8	14.05	131.5	13.68	128.8	13.31	126.2	12.57
	-12.6	-13.0	121.9	14.35	119.6	13.59	117.3	12.83	116.1	12.49	113.8	12.16	111.5	11.48
	-17.3	-18.4	97.7	12.15	95.9	11.51	94.0	10.87	93.1	10.58	91.2	10.29	89.3	9.72
	-21.8	-22.0	81.6	10.56	80.0	10.01	78.5	9.45	77.7	9.20	76.2	8.95	74.6	8.44
120	59.0	56.7	327.4	25.76	321.2	24.38	315.0	23.00	311.9	22.43	305.6	21.86	299.4	20.72
	55.4	53.2	327.4	26.09	321.2	24.69	315.0	23.29	311.9	22.71	305.6	22.14	299.4	20.98
	51.8	49.6	327.4	26.46	321.2	25.04	315.0	23.62	311.9	23.04	305.6	22.45	299.4	21.28
	48.2	46.2	327.4	26.83	321.2	25.39	315.0	23.96	311.9	23.36	305.6	22.76	299.4	21.57
	47.0	43.0	327.4	27.21	321.2	25.75	315.0	24.29	311.9	23.68	305.6	23.08	299.4	21.86
	41.0	39.4	315.6	26.08	309.6	24.68	303.6	23.28	300.6	22.70	294.5	22.12	288.5	20.95
	36.5	35.0	301.4	24.74	295.7	23.41	290.0	22.09	287.1	21.53	281.3	20.98	275.6	19.87
	32.0	30.7	287.3	24.09	281.8	22.80	276.4	21.52	273.6	20.97	268.1	20.43	262.7	19.35
	26.6	25.3	269.6	23.29	264.5	22.05	259.3	20.81	256.8	20.28	251.6	19.75	246.5	18.70
	23.0	21.9	258.4	22.78	253.5	21.57	248.6	20.35	246.1	19.83	241.2	19.32	236.3	18.28
	19.4	18.3	246.6	22.24	241.9	21.05	237.2	19.87	234.9	19.36	230.2	18.86	225.5	17.84
	14.0	13.1	229.5	21.44	225.2	20.30	220.8	19.16	218.6	18.67	214.2	18.18	209.9	17.20
	5.9	5.0	203.0	20.17	199.1	19.10	195.3	18.03	193.3	17.56	189.5	17.10	185.6	16.17
	-3.1	-4.0	167.0	17.88	163.8	16.93	160.6	15.98	159.0	15.57	155.9	15.15	152.7	14.32
	-9.0	-9.4	142.1	15.93	139.4	15.09	136.7	14.25	135.3	13.87	132.6	13.50	129.9	12.75
	-12.6	-13.0	125.5	14.55	123.1	13.78	120.7	13.01	119.5	12.67	117.1	12.33	114.7	11.64
	-17.3	-18.4	100.6	12.33	98.7	11.67	96.8	11.02	95.8	10.73	93.9	10.44	92.0	9.86
	-21.8	-22.0	84.0	10.71	82.4	10.15	80.8	9.58	80.0	9.33	78.4	9.07	76.8	8.56
130	59.0	56.7	335.2	25.99	328.9	24.59	322.5	23.20	319.3	22.63	312.9	22.05	306.5	20.90
	55.4	53.2	335.2	26.32	328.9	24.91	322.5	23.50	319.3	22.92	312.9	22.33	306.5	21.17
	51.8	49.6	335.2	26.70	328.9	25.26	322.5	23.83	319.3	23.24	312.9	22.65	306.5	21.46
	48.2	46.2	335.2	27.07	328.9	25.62	322.5	24.17	319.3	23.57	312.9	22.96	306.5	21.76
	47.0	43.0	335.2	27.45	328.9	25.98	322.5	24.51	319.3	23.89	312.9	23.28	306.5	22.06
	41.0	39.4	323.1	26.31	316.9	24.90	310.8	23.49	307.7	22.90	301.6	22.31	295.4	21.14
	36.5	35.0	308.6	24.95	302.7	23.62	296.9	22.28	293.9	21.72	288.0	21.16	282.2	20.04
	32.0	30.7	294.1	24.31	288.5	23.01	282.9	21.71	280.1	21.16	274.5	20.61	268.9	19.52
	26.6	25.3	276.0	23.50	270.8	22.25	265.5	20.99	262.9	20.46	257.6	19.93	252.4	18.86
	23.0	21.9	264.6	22.99	259.5	21.76	254.5	20.53	252.0	20.01	246.9	19.49	241.9	18.45
	19.4	18.3	252.5	22.44	247.7	21.24	242.9	20.04	240.5	19.53	235.7	19.02	230.9	18.00
	14.0	13.1	235.0	21.63	230.5	20.48	226.0	19.33	223.8	18.83	219.3	18.34	214.9	17.35
	5.9	5.0	207.8	20.35	203.9	19.27	199.9	18.19	198.0	17.72	194.0	17.25	190.0	16.31
	-3.1	-4.0	171.0	18.04	167.7	17.08	164.5	16.12	162.8	15.70	159.6	15.28	156.3	14.44
	-9.0	-9.4	145.5	16.08	142.7	15.22	139.9	14.37	138.5	13.99	135.8	13.62	133.0	12.87
	-12.6	-13.0	128.5	14.68	126.0	13.90	123.6	13.13	122.4	12.78	119.9	12.44	117.5	11.75
	-17.3	-18.4	103.0	12.44	101.0	11.78	99.1	11.12	98.1	10.83	96.1	10.53	94.2	9.94
	-21.8	-22.0	86.0	10.81	84.4	10.24	82.7	9.67	81.9	9.41	80.3	9.15	78.6	8.64

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	280.7	22.51	275.3	21.30	270.0	20.09	267.3	19.60	262.0	19.10	256.6	18.11
	55.4	53.2	280.7	22.80	275.3	21.58	270.0	20.35	267.3	19.85	262.0	19.35	256.6	18.34
	51.8	49.6	280.7	23.12	275.3	21.88	270.0	20.64	267.3	20.13	262.0	19.62	256.6	18.59
	48.2	46.2	280.7	23.45	275.3	22.19	270.0	20.93	267.3	20.41	262.0	19.89	256.6	18.85
	47.0	43.0	280.7	23.77	275.3	22.50	270.0	21.23	267.3	20.70	262.0	20.17	256.6	19.11
	41.0	39.4	270.5	22.79	265.4	21.57	260.2	20.35	257.6	19.84	252.5	19.33	247.3	18.31
	36.5	35.0	258.4	21.62	253.5	20.46	248.5	19.30	246.1	18.82	241.2	18.33	236.2	17.36
	32.0	30.7	246.3	21.05	241.6	19.93	236.9	18.80	234.5	18.33	229.8	17.85	225.1	16.91
	26.6	25.3	231.1	20.36	226.7	19.27	222.3	18.18	220.1	17.72	215.7	17.26	211.3	16.34
	23.0	21.9	221.5	19.91	217.3	18.85	213.1	17.78	211.0	17.33	206.7	16.88	202.5	15.98
	19.4	18.3	211.4	19.44	207.4	18.40	203.3	17.36	201.3	16.92	197.3	16.48	193.3	15.59
	14.0	13.1	196.7	18.74	193.0	17.74	189.3	16.74	187.4	16.31	183.6	15.88	179.9	15.03
	5.9	5.0	174.0	17.63	170.7	16.69	167.4	15.75	165.7	15.35	162.4	14.94	159.1	14.13
	-3.1	-4.0	143.1	15.63	140.4	14.80	137.7	13.97	136.3	13.60	133.6	13.24	130.9	12.51
	-9.0	-9.4	121.8	13.92	119.5	13.19	117.2	12.45	116.0	12.12	113.7	11.80	111.4	11.14
	-12.6	-13.0	107.6	12.72	105.5	12.04	103.5	11.37	102.4	11.07	100.4	10.77	98.3	10.17
	-17.3	-18.4	86.2	10.77	84.6	10.20	82.9	9.63	82.1	9.38	80.5	9.12	78.8	8.61
	-21.8	-22.0	72.0	9.36	70.6	8.87	69.2	8.37	68.6	8.15	67.2	7.93	65.8	7.48
80	59.0	56.7	249.5	19.80	244.7	18.74	240.0	17.67	237.6	17.24	232.8	16.80	228.1	15.92
	55.4	53.2	249.5	20.05	244.7	18.98	240.0	17.90	237.6	17.46	232.8	17.01	228.1	16.13
	51.8	49.6	249.5	20.34	244.7	19.25	240.0	18.15	237.6	17.70	232.8	17.25	228.1	16.35
	48.2	46.2	249.5	20.62	244.7	19.52	240.0	18.41	237.6	17.95	232.8	17.49	228.1	16.58
	47.0	43.0	249.5	20.91	244.7	19.79	240.0	18.67	237.6	18.20	232.8	17.74	228.1	16.80
	41.0	39.4	240.4	20.04	235.9	18.97	231.3	17.89	229.0	17.45	224.4	17.00	219.8	16.10
	36.5	35.0	229.7	19.01	225.3	17.99	220.9	16.97	218.7	16.55	214.4	16.12	210.0	15.27
	32.0	30.7	218.9	18.52	214.7	17.53	210.6	16.54	208.5	16.12	204.3	15.70	200.1	14.87
	26.6	25.3	205.4	17.90	201.5	16.95	197.6	15.99	195.6	15.58	191.7	15.18	187.8	14.37
	23.0	21.9	196.9	17.51	193.1	16.57	189.4	15.64	187.5	15.24	183.8	14.85	180.0	14.05
	19.4	18.3	187.9	17.09	184.3	16.18	180.7	15.27	179.0	14.88	175.4	14.49	171.8	13.71
	14.0	13.1	174.9	16.48	171.6	15.60	168.2	14.72	166.6	14.35	163.2	13.97	159.9	13.22
	5.9	5.0	154.7	15.50	151.7	14.68	148.8	13.85	147.3	13.50	144.4	13.14	141.4	12.43
	-3.1	-4.0	127.2	13.74	124.8	13.01	122.4	12.28	121.2	11.96	118.8	11.64	116.3	11.00
	-9.0	-9.4	108.3	12.25	106.2	11.60	104.1	10.95	103.1	10.66	101.0	10.37	99.0	9.80
	-12.6	-13.0	95.6	11.18	93.8	10.59	92.0	10.00	91.1	9.74	89.2	9.47	87.4	8.95
	-17.3	-18.4	76.6	9.47	75.2	8.97	73.7	8.47	73.0	8.25	71.5	8.02	70.1	7.57
	-21.8	-22.0	64.0	8.23	62.8	7.80	61.6	7.36	60.9	7.17	59.7	6.97	58.5	6.58
70	59.0	56.7	218.3	17.14	214.1	16.22	210.0	15.30	207.9	14.92	203.7	14.54	199.6	13.79
	55.4	53.2	218.3	17.36	214.1	16.43	210.0	15.50	207.9	15.11	203.7	14.73	199.6	13.96
	51.8	49.6	218.3	17.61	214.1	16.66	210.0	15.72	207.9	15.33	203.7	14.94	199.6	14.16
	48.2	46.2	218.3	17.85	214.1	16.90	210.0	15.94	207.9	15.54	203.7	15.15	199.6	14.35
	47.0	43.0	218.3	18.10	214.1	17.13	210.0	16.16	207.9	15.76	203.7	15.36	199.6	14.55
	41.0	39.4	210.4	17.35	206.4	16.42	202.4	15.49	200.4	15.10	196.4	14.72	192.4	13.94
	36.5	35.0	201.0	16.46	197.1	15.58	193.3	14.70	191.4	14.33	187.6	13.96	183.7	13.22
	32.0	30.7	191.5	16.03	187.9	15.17	184.2	14.32	182.4	13.96	178.8	13.60	175.1	12.87
	26.6	25.3	179.7	15.50	176.3	14.67	172.9	13.84	171.2	13.49	167.8	13.14	164.3	12.44
	23.0	21.9	172.3	15.16	169.0	14.35	165.7	13.54	164.1	13.20	160.8	12.85	157.5	12.17
	19.4	18.3	164.4	14.80	161.3	14.01	158.2	13.22	156.6	12.88	153.5	12.55	150.3	11.87
	14.0	13.1	153.0	14.27	150.1	13.51	147.2	12.75	145.7	12.42	142.8	12.09	139.9	11.44
	5.9	5.0	135.3	13.42	132.8	12.71	130.2	12.00	128.9	11.69	126.3	11.38	123.7	10.76
	-3.1	-4.0	111.3	11.90	109.2	11.27	107.1	10.63	106.0	10.36	103.9	10.08	101.8	9.53
	-9.0	-9.4	94.7	10.60	92.9	10.04	91.1	9.48	90.2	9.23	88.4	8.98	86.6	8.49
	-12.6	-13.0	83.7	9.68	82.1	9.17	80.5	8.66	79.7	8.43	78.1	8.20	76.5	7.75
	-17.3	-18.4	67.1	8.20	65.8	7.77	64.5	7.33	63.9	7.14	62.6	6.95	61.3	6.56
	-21.8	-22.0	56.0	7.13	54.9	6.75	53.9	6.38	53.3	6.21	52.3	6.04	51.2	5.70

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP2881FT6P-UL/MMY-UP2881FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	340.2	27.77	333.7	26.27	327.2	24.78	324.0	24.17	317.5	23.56	311.0	22.33
	55.4	53.2	340.2	28.12	333.7	26.61	327.2	25.10	324.0	24.48	317.5	23.86	311.0	22.61
	51.8	49.6	340.2	28.52	333.7	26.99	327.2	25.46	324.0	24.83	317.5	24.19	311.0	22.93
	48.2	46.2	340.2	28.92	333.7	27.37	327.2	25.82	324.0	25.18	317.5	24.53	311.0	23.25
	47.0	43.0	340.2	29.32	333.7	27.75	327.2	26.18	324.0	25.53	317.5	24.87	311.0	23.56
	41.0	39.4	340.2	29.79	333.7	28.20	327.2	26.60	324.0	25.94	317.5	25.27	311.0	23.94
	36.5	35.0	340.2	30.41	333.7	28.78	327.2	27.15	324.0	26.47	317.5	25.79	311.0	24.42
	32.0	30.7	321.8	29.01	315.7	27.46	309.6	25.91	306.5	25.26	300.4	24.61	294.3	23.30
	26.6	25.3	298.6	27.20	292.9	25.75	287.2	24.30	284.4	23.68	278.7	23.07	273.0	21.84
	23.0	21.9	283.8	26.26	278.4	24.86	273.0	23.46	270.3	22.86	264.9	22.27	259.5	21.08
	19.4	18.3	268.3	25.28	263.2	23.93	258.1	22.58	255.5	22.01	250.4	21.43	245.3	20.28
	14.0	13.1	245.8	23.81	241.1	22.54	236.5	21.27	234.1	20.73	229.4	20.18	224.8	19.10
	5.9	5.0	210.9	21.42	206.9	20.28	202.9	19.14	200.9	18.65	196.9	18.16	192.8	17.17
	-3.1	-4.0	173.5	18.86	170.2	17.86	166.9	16.86	165.2	16.42	161.9	15.98	158.6	15.11
	-9.0	-9.4	144.9	16.50	142.1	15.63	139.4	14.75	138.0	14.37	135.2	13.98	132.5	13.21
	-12.6	-13.0	125.8	14.83	123.4	14.04	121.0	13.26	119.8	12.91	117.4	12.56	115.0	11.86
	-17.3	-18.4	97.2	12.12	95.3	11.48	93.5	10.84	92.6	10.55	90.7	10.26	88.9	9.69
	-21.8	-22.0	78.1	10.15	76.6	9.61	75.1	9.08	74.4	8.84	72.9	8.60	71.4	8.11
110	59.0	56.7	347.0	27.89	340.4	26.40	333.8	24.90	330.5	24.28	323.9	23.67	317.3	22.44
	55.4	53.2	347.0	28.25	340.4	26.74	333.8	25.22	330.5	24.59	323.9	23.97	317.3	22.72
	51.8	49.6	347.0	28.65	340.4	27.12	333.8	25.58	330.5	24.94	323.9	24.31	317.3	23.04
	48.2	46.2	347.0	29.05	340.4	27.50	333.8	25.94	330.5	25.29	323.9	24.65	317.3	23.35
	47.0	43.0	347.0	29.46	340.4	27.88	333.8	26.30	330.5	25.64	323.9	24.99	317.3	23.67
	41.0	39.4	347.0	29.93	340.4	28.33	333.8	26.73	330.5	26.06	323.9	25.39	317.3	24.05
	36.5	35.0	347.0	30.55	340.4	28.91	333.8	27.28	330.5	26.59	323.9	25.91	317.3	24.54
	32.0	30.7	328.3	29.15	322.0	27.59	315.8	26.03	312.6	25.38	306.4	24.72	300.1	23.41
	26.6	25.3	304.5	27.33	298.7	25.87	292.9	24.41	290.0	23.79	284.2	23.17	278.4	21.94
	23.0	21.9	289.5	26.38	284.0	24.98	278.5	23.57	275.7	22.97	270.2	22.37	264.7	21.17
	19.4	18.3	273.7	25.40	268.5	24.04	263.3	22.69	260.7	22.11	255.4	21.53	250.2	20.37
	14.0	13.1	250.7	23.92	246.0	22.65	241.2	21.37	238.8	20.83	234.0	20.28	229.3	19.18
	5.9	5.0	215.1	21.52	211.0	20.38	206.9	19.23	204.9	18.74	200.8	18.24	196.7	17.25
	-3.1	-4.0	177.0	18.95	173.6	17.95	170.2	16.94	168.5	16.50	165.2	16.06	161.8	15.18
	-9.0	-9.4	147.8	16.58	145.0	15.70	142.2	14.82	140.7	14.43	137.9	14.05	135.1	13.27
	-12.6	-13.0	128.3	14.90	125.9	14.11	123.4	13.32	122.2	12.97	119.8	12.62	117.3	11.92
	-17.3	-18.4	99.1	12.17	97.2	11.53	95.4	10.89	94.4	10.60	92.5	10.31	90.6	9.73
	-21.8	-22.0	79.7	10.20	78.2	9.66	76.6	9.12	75.9	8.88	74.4	8.64	72.8	8.15
120	59.0	56.7	357.2	28.29	350.4	26.77	343.6	25.25	340.2	24.63	333.4	24.00	326.6	22.75
	55.4	53.2	357.2	28.65	350.4	27.11	343.6	25.58	340.2	24.94	333.4	24.31	326.6	23.04
	51.8	49.6	357.2	29.06	350.4	27.50	343.6	25.94	340.2	25.30	333.4	24.65	326.6	23.36
	48.2	46.2	357.2	29.47	350.4	27.89	343.6	26.31	340.2	25.65	333.4	25.00	326.6	23.69
	47.0	43.0	357.2	29.87	350.4	28.27	343.6	26.67	340.2	26.01	333.4	25.34	326.6	24.01
	41.0	39.4	357.2	30.36	350.4	28.73	343.6	27.11	340.2	26.43	333.4	25.75	326.6	24.39
	36.5	35.0	357.2	30.98	350.4	29.32	343.6	27.66	340.2	26.97	333.4	26.27	326.6	24.88
	32.0	30.7	337.9	29.56	331.5	27.98	325.1	26.40	321.8	25.74	315.4	25.07	309.0	23.74
	26.6	25.3	313.5	27.72	307.5	26.24	301.6	24.75	298.6	24.13	292.6	23.50	286.6	22.25
	23.0	21.9	298.0	26.76	292.4	25.33	286.7	23.90	283.8	23.29	278.2	22.69	272.5	21.47
	19.4	18.3	281.7	25.75	276.4	24.38	271.0	23.01	268.3	22.42	263.0	21.83	257.6	20.66
	14.0	13.1	258.1	24.26	253.2	22.97	248.3	21.67	245.8	21.12	240.9	20.57	236.0	19.46
	5.9	5.0	221.5	21.83	217.3	20.66	213.0	19.50	210.9	19.00	206.7	18.50	202.5	17.49
	-3.1	-4.0	182.2	19.22	178.7	18.20	175.2	17.18	173.5	16.73	170.0	16.29	166.6	15.39
	-9.0	-9.4	152.1	16.82	149.2	15.92	146.3	15.03	144.9	14.64	142.0	14.25	139.1	13.46
	-12.6	-13.0	132.1	15.11	129.6	14.31	127.1	13.51	125.8	13.15	123.3	12.80	120.8	12.08
	-17.3	-18.4	102.0	12.34	100.1	11.69	98.2	11.04	97.2	10.75	95.2	10.45	93.3	9.87
	-21.8	-22.0	82.0	10.34	80.5	9.80	78.9	9.25	78.1	9.00	76.5	8.76	75.0	8.26
130	59.0	56.7	365.7	28.54	358.7	27.01	351.8	25.47	348.3	24.84	341.3	24.21	334.4	22.95
	55.4	53.2	365.7	28.91	358.7	27.35	351.8	25.80	348.3	25.16	341.3	24.52	334.4	23.25
	51.8	49.6	365.7	29.32	358.7	27.74	351.8	26.17	348.3	25.52	341.3	24.87	334.4	23.57
	48.2	46.2	365.7	29.73	358.7	28.13	351.8	26.54	348.3	25.88	341.3	25.22	334.4	23.90
	47.0	43.0	365.7	30.14	358.7	28.52	351.8	26.91	348.3	26.24	341.3	25.57	334.4	24.22
	41.0	39.4	365.7	30.63	358.7	28.99	351.8	27.35	348.3	26.66	341.3	25.98	334.4	24.61
	36.5	35.0	365.7	31.25	358.7	29.58	351.8	27.91	348.3	27.21	341.3	26.51	334.4	25.10
	32.0	30.7	346.0	29.82	339.4	28.23	332.8	26.63	329.5	25.96	322.9	25.29	316.3	23.95
	26.6	25.3	321.0	27.96	314.9	26.47	308.7	24.97	305.7	24.34	299.6	23.71	293.5	22.45
	23.0	21.9	305.1	26.99	299.3	25.55	293.5	24.11	290.6	23.50	284.8	22.89	279.0	21.66
	19.4	18.3	288.4	25.98	283.0	24.60	277.5	23.21	274.7	22.62	269.2	22.03	263.7	20.85
	14.0	13.1	264.3	24.48	259.2	23.17	254.2	21.87	251.7	21.31	246.6	20.75	241.6	19.63
	5.9	5.0	226.7	22.02	222.4	20.85	218.1	19.68	215.9	19.17	211.6	18.66	207.3	17.65
	-3.1	-4.0	186.5	19.39	183.0	18.36	179.4	17.33	177.6	16.88	174.1	16.43	170.5	15.53
	-9.0	-9.4	155.8	16.96	152.8	16.07	149.8	15.17	148.3	14.77	145.4	14.37	142.4	13.58
	-12.6	-13.0	135.2	15.24	132.7	14.43	130.1	13.63	128.8	13.27	126.2	12.91	123.6	12.19
	-17.3	-18.4	104.5	12.45	102.5	11.80	100.5	11.14	99.5	10.84	97.5	10.55	95.5	9.96
	-21.8	-22.0	84.0	10.43	82.4	9.88	80.8	9.33	80.0	9.08	78.4	8.83	76.8	8.34

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	306.2	24.72	300.3	23.39	294.5	22.07	291.6	21.52	285.8	20.97	279.9	19.88
	55.4	53.2	306.2	25.04	300.3	23.69	294.5	22.35	291.6	21.80	285.8	21.24	279.9	20.13
	51.8	49.6	306.2	25.39	300.3	24.03	294.5	22.67	291.6	22.10	285.8	21.54	279.9	20.42
	48.2	46.2	306.2	25.75	300.3	24.37	294.5	22.99	291.6	22.42	285.8	21.84	279.9	20.70
	47.0	43.0	306.2	26.11	300.3	24.71	294.5	23.31	291.6	22.73	285.8	22.14	279.9	20.98
	41.0	39.4	306.2	26.53	300.3	25.11	294.5	23.69	291.6	23.09	285.8	22.50	279.9	21.31
	36.5	35.0	306.2	27.07	300.3	25.62	294.5	24.17	291.6	23.57	285.8	22.96	279.9	21.75
	32.0	30.7	289.7	25.83	284.1	24.45	278.6	23.07	275.9	22.49	270.3	21.91	264.8	20.74
	26.6	25.3	268.7	24.22	263.6	22.93	258.5	21.63	255.9	21.08	250.8	20.54	245.7	19.44
	23.0	21.9	255.5	23.38	250.6	22.13	245.7	20.89	243.3	20.35	238.4	19.82	233.6	18.76
	19.4	18.3	241.5	22.51	236.9	21.31	232.3	20.10	230.0	19.59	225.4	19.08	220.8	18.06
	14.0	13.1	221.2	21.20	217.0	20.07	212.8	18.94	210.7	18.46	206.5	17.97	202.3	17.00
	5.9	5.0	189.8	19.07	186.2	18.06	182.6	17.04	180.8	16.60	177.2	16.16	173.6	15.29
	-3.1	-4.0	156.2	16.80	153.2	15.90	150.2	15.01	148.7	14.62	145.7	14.23	142.8	13.45
	-9.0	-9.4	130.4	14.69	127.9	13.92	125.4	13.14	124.2	12.79	121.7	12.45	119.2	11.76
	-12.6	-13.0	113.2	13.20	111.1	12.50	108.9	11.80	107.8	11.49	105.7	11.18	103.5	10.56
	-17.3	-18.4	87.5	10.79	85.8	10.22	84.1	9.65	83.3	9.39	81.6	9.14	80.0	8.62
	-21.8	-22.0	70.3	9.04	69.0	8.56	67.6	8.08	67.0	7.87	65.6	7.65	64.3	7.22
80	59.0	56.7	272.2	21.74	267.0	20.57	261.8	19.41	259.2	18.93	254.0	18.45	248.8	17.49
	55.4	53.2	272.2	22.02	267.0	20.84	261.8	19.66	259.2	19.17	254.0	18.68	248.8	17.71
	51.8	49.6	272.2	22.33	267.0	21.13	261.8	19.94	259.2	19.44	254.0	18.94	248.8	17.95
	48.2	46.2	272.2	22.64	267.0	21.43	261.8	20.22	259.2	19.71	254.0	19.21	248.8	18.20
	47.0	43.0	272.2	22.96	267.0	21.73	261.8	20.50	259.2	19.99	254.0	19.47	248.8	18.45
	41.0	39.4	272.2	23.33	267.0	22.08	261.8	20.83	259.2	20.31	254.0	19.79	248.8	18.75
	36.5	35.0	272.2	23.81	267.0	22.53	261.8	21.26	259.2	20.73	254.0	20.19	248.8	19.12
	32.0	30.7	257.5	22.72	252.6	21.50	247.7	20.29	245.2	19.78	240.3	19.27	235.4	18.24
	26.6	25.3	238.9	21.30	234.3	20.16	229.8	19.02	227.5	18.54	222.9	18.06	218.4	17.10
	23.0	21.9	227.1	20.56	222.7	19.47	218.4	18.37	216.3	17.90	211.9	17.43	207.6	16.50
	19.4	18.3	214.7	19.79	210.6	18.74	206.5	17.68	204.4	17.23	200.3	16.78	196.3	15.88
	14.0	13.1	196.7	18.64	192.9	17.65	189.2	16.66	187.3	16.23	183.6	15.80	179.8	14.95
	5.9	5.0	168.7	16.77	165.5	15.88	162.3	14.99	160.7	14.60	157.5	14.22	154.3	13.44
	-3.1	-4.0	138.8	14.77	136.2	13.99	133.5	13.20	132.2	12.86	129.5	12.52	126.9	11.83
	-9.0	-9.4	115.9	12.92	113.7	12.24	111.5	11.55	110.4	11.25	108.2	10.95	106.0	10.34
	-12.6	-13.0	100.6	11.61	98.7	10.99	96.8	10.38	95.9	10.11	93.9	9.83	92.0	9.29
	-17.3	-18.4	77.8	9.49	76.3	8.99	74.8	8.48	74.0	8.26	72.6	8.03	71.1	7.59
	-21.8	-22.0	62.5	7.95	61.3	7.53	60.1	7.11	59.5	6.92	58.3	6.73	57.1	6.35
70	59.0	56.7	238.1	18.82	233.6	17.81	229.1	16.80	226.8	16.39	222.3	15.97	217.7	15.14
	55.4	53.2	238.1	19.07	233.6	18.04	229.1	17.02	226.8	16.60	222.3	16.17	217.7	15.33
	51.8	49.6	238.1	19.33	233.6	18.30	229.1	17.26	226.8	16.83	222.3	16.40	217.7	15.54
	48.2	46.2	238.1	19.61	233.6	18.55	229.1	17.50	226.8	17.07	222.3	16.63	217.7	15.76
	47.0	43.0	238.1	19.88	233.6	18.81	229.1	17.75	226.8	17.30	222.3	16.86	217.7	15.98
	41.0	39.4	238.1	20.20	233.6	19.12	229.1	18.04	226.8	17.58	222.3	17.13	217.7	16.23
	36.5	35.0	238.1	20.61	233.6	19.51	229.1	18.41	226.8	17.94	222.3	17.48	217.7	16.56
	32.0	30.7	225.3	19.67	221.0	18.62	216.7	17.57	214.6	17.12	210.3	16.68	206.0	15.80
	26.6	25.3	209.0	18.44	205.0	17.46	201.0	16.47	199.0	16.05	195.1	15.64	191.1	14.80
	23.0	21.9	198.7	17.80	194.9	16.85	191.1	15.90	189.2	15.50	185.4	15.10	181.7	14.29
	19.4	18.3	187.8	17.14	184.2	16.22	180.7	15.31	178.9	14.92	175.3	14.53	171.7	13.75
	14.0	13.1	172.1	16.14	168.8	15.28	165.5	14.42	163.9	14.05	160.6	13.68	157.3	12.95
	5.9	5.0	147.6	14.52	144.8	13.75	142.0	12.98	140.6	12.64	137.8	12.31	135.0	11.64
	-3.1	-4.0	121.5	12.79	119.1	12.11	116.8	11.43	115.7	11.13	113.4	10.84	111.0	10.24
	-9.0	-9.4	101.4	11.19	99.5	10.60	97.6	10.00	96.6	9.74	94.7	9.48	92.7	8.95
	-12.6	-13.0	88.1	10.05	86.4	9.52	84.7	8.99	83.9	8.75	82.2	8.51	80.5	8.04
	-17.3	-18.4	68.0	8.21	66.7	7.78	65.4	7.35	64.8	7.15	63.5	6.96	62.2	6.57
	-21.8	-22.0	54.7	6.88	53.6	6.52	52.6	6.15	52.1	5.99	51.0	5.83	50.0	5.50

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP3121FT6P-UL/MMY-UP3121FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	368.6	30.40	361.5	28.77	354.5	27.13	351.0	26.46	344.0	25.79	337.0	24.45
	55.4	53.2	368.6	30.79	361.5	29.14	354.5	27.48	351.0	26.80	344.0	26.12	337.0	24.76
	51.8	49.6	368.6	31.23	361.5	29.55	354.5	27.87	351.0	27.18	344.0	26.49	337.0	25.10
	48.2	46.2	368.6	31.66	361.5	29.97	354.5	28.27	351.0	27.56	344.0	26.86	337.0	25.45
	47.0	43.0	368.6	32.10	361.5	30.38	354.5	28.66	351.0	27.95	344.0	27.23	337.0	25.80
	41.0	39.4	355.2	30.77	348.4	29.12	341.7	27.47	338.3	26.79	331.5	26.10	324.8	24.72
	36.5	35.0	339.3	29.19	332.8	27.63	326.4	26.06	323.1	25.41	316.7	24.75	310.2	23.45
	32.0	30.7	323.4	28.43	317.2	26.91	311.0	25.39	308.0	24.75	301.8	24.11	295.6	22.83
	26.6	25.3	303.5	27.49	297.7	26.02	291.9	24.55	289.0	23.93	283.2	23.31	277.5	22.06
	23.0	21.9	290.9	26.88	285.3	25.45	279.8	24.01	277.0	23.40	271.5	22.79	265.9	21.58
	19.4	18.3	277.6	26.24	272.3	24.84	267.0	23.44	264.4	22.85	259.1	22.25	253.8	21.06
	14.0	13.1	258.4	25.30	253.4	23.95	248.5	22.61	246.1	22.03	241.1	21.45	236.2	20.29
	5.9	5.0	228.5	23.81	224.1	22.54	219.8	21.27	217.6	20.72	213.3	20.18	208.9	19.08
	-3.1	-4.0	188.0	21.10	184.4	19.98	180.8	18.86	179.0	18.37	175.4	17.88	171.8	16.90
	-9.0	-9.4	159.9	18.80	156.9	17.81	153.8	16.81	152.3	16.37	149.3	15.93	146.2	15.05
	-12.6	-13.0	141.2	17.17	138.6	16.26	135.9	15.35	134.5	14.95	131.8	14.55	129.1	13.74
	-17.3	-18.4	113.2	14.55	111.1	13.78	108.9	13.01	107.8	12.66	105.7	12.32	103.5	11.63
	-21.8	-22.0	94.5	12.64	92.7	11.97	90.9	11.31	90.0	11.01	88.2	10.71	86.4	10.10
110	59.0	56.7	375.9	30.54	368.8	28.90	361.6	27.26	358.0	26.59	350.9	25.91	343.7	24.56
	55.4	53.2	375.9	30.93	368.8	29.27	361.6	27.61	358.0	26.93	350.9	26.24	343.7	24.87
	51.8	49.6	375.9	31.37	368.8	29.69	361.6	28.00	358.0	27.31	350.9	26.61	343.7	25.22
	48.2	46.2	375.9	31.81	368.8	30.11	361.6	28.40	358.0	27.69	350.9	26.98	343.7	25.57
	47.0	43.0	375.9	32.25	368.8	30.52	361.6	28.80	358.0	28.08	350.9	27.36	343.7	25.92
	41.0	39.4	362.3	30.91	355.4	29.26	348.5	27.60	345.1	26.91	338.2	26.22	331.3	24.84
	36.5	35.0	346.1	29.32	339.5	27.75	332.9	26.18	329.6	25.53	323.0	24.87	316.4	23.55
	32.0	30.7	329.8	28.56	323.6	27.03	317.3	25.51	314.1	24.86	307.8	24.22	301.6	22.94
	26.6	25.3	309.5	27.62	303.6	26.14	297.7	24.66	294.8	24.04	288.9	23.42	283.0	22.17
	23.0	21.9	296.7	27.01	291.0	25.57	285.4	24.13	282.5	23.51	276.9	22.90	271.2	21.68
	19.4	18.3	283.1	26.37	277.8	24.96	272.4	23.55	269.7	22.95	264.3	22.35	258.9	21.15
	14.0	13.1	263.5	25.42	258.5	24.06	253.5	22.71	251.0	22.13	246.0	21.55	240.9	20.39
	5.9	5.0	233.1	23.92	228.6	22.64	224.2	21.37	222.0	20.82	217.5	20.27	213.1	19.17
	-3.1	-4.0	191.7	21.20	188.1	20.07	184.4	18.95	182.6	18.45	178.9	17.96	175.3	16.97
	-9.0	-9.4	163.1	18.89	160.0	17.89	156.9	16.89	155.4	16.44	152.3	16.00	149.1	15.12
	-12.6	-13.0	144.1	17.25	141.3	16.34	138.6	15.43	137.2	15.02	134.5	14.61	131.7	13.80
	-17.3	-18.4	115.5	14.61	113.3	13.84	111.1	13.07	110.0	12.72	107.8	12.38	105.6	11.68
	-21.8	-22.0	96.4	12.70	94.6	12.03	92.8	11.36	91.8	11.06	90.0	10.76	88.2	10.15
120	59.0	56.7	387.0	30.97	379.6	29.31	372.2	27.65	368.6	26.96	361.2	26.28	353.8	24.91
	55.4	53.2	387.0	31.37	379.6	29.69	372.2	28.00	368.6	27.31	361.2	26.61	353.8	25.23
	51.8	49.6	387.0	31.81	379.6	30.11	372.2	28.40	368.6	27.70	361.2	26.99	353.8	25.58
	48.2	46.2	387.0	32.26	379.6	30.53	372.2	28.80	368.6	28.08	361.2	27.37	353.8	25.93
	47.0	43.0	387.0	32.71	379.6	30.96	372.2	29.20	368.6	28.47	361.2	27.74	353.8	26.29
	41.0	39.4	373.0	31.35	365.9	29.67	358.8	27.99	355.2	27.29	348.1	26.59	341.0	25.19
	36.5	35.0	356.3	29.74	349.5	28.15	342.7	26.56	339.3	25.89	332.5	25.22	325.7	23.89
	32.0	30.7	339.5	28.97	333.1	27.42	326.6	25.87	323.4	25.22	316.9	24.56	310.4	23.26
	26.6	25.3	318.6	28.01	312.6	26.51	306.5	25.01	303.5	24.38	297.4	23.75	291.3	22.48
	23.0	21.9	305.4	27.39	299.6	25.93	293.8	24.47	290.9	23.85	285.0	23.22	279.2	21.98
	19.4	18.3	291.5	26.74	285.9	25.31	280.4	23.89	277.6	23.28	272.0	22.67	266.5	21.45
	14.0	13.1	271.3	25.78	266.1	24.41	260.9	23.03	258.4	22.44	253.2	21.85	248.0	20.67
	5.9	5.0	239.9	24.25	235.4	22.96	230.8	21.67	228.5	21.12	223.9	20.56	219.4	19.44
	-3.1	-4.0	197.4	21.50	193.6	20.36	189.8	19.22	188.0	18.72	184.2	18.21	180.4	17.21
	-9.0	-9.4	167.9	19.16	164.7	18.14	161.5	17.13	159.9	16.68	156.7	16.23	153.5	15.33
	-12.6	-13.0	148.3	17.50	145.5	16.57	142.7	15.64	141.2	15.23	138.4	14.82	135.6	14.00
	-17.3	-18.4	118.9	14.82	116.6	14.04	114.4	13.25	113.2	12.90	111.0	12.55	108.7	11.85
	-21.8	-22.0	99.3	12.88	97.4	12.20	95.5	11.52	94.5	11.21	92.6	10.91	90.8	10.29
130	59.0	56.7	396.2	31.25	388.6	29.57	381.1	27.89	377.3	27.20	369.8	26.51	362.2	25.13
	55.4	53.2	396.2	31.65	388.6	29.95	381.1	28.25	377.3	27.55	369.8	26.85	362.2	25.45
	51.8	49.6	396.2	32.10	388.6	30.37	381.1	28.65	377.3	27.94	369.8	27.23	362.2	25.80
	48.2	46.2	396.2	32.55	388.6	30.80	381.1	29.06	377.3	28.33	369.8	27.61	362.2	26.16
	47.0	43.0	396.2	33.00	388.6	31.23	381.1	29.46	377.3	28.73	369.8	27.99	362.2	26.52
	41.0	39.4	381.8	31.63	374.6	29.93	367.3	28.24	363.7	27.53	356.4	26.83	349.1	25.41
	36.5	35.0	364.7	30.00	357.8	28.40	350.8	26.79	347.4	26.12	340.4	25.44	333.5	24.10
	32.0	30.7	347.6	29.22	341.0	27.66	334.4	26.10	331.1	25.44	324.4	24.78	317.8	23.47
	26.6	25.3	326.2	28.25	320.0	26.74	313.8	25.24	310.7	24.60	304.5	23.96	298.3	22.68
	23.0	21.9	312.7	27.63	306.7	26.16	300.8	24.68	297.8	24.06	291.8	23.43	285.9	22.18
	19.4	18.3	298.4	26.98	292.7	25.54	287.0	24.10	284.2	23.48	278.5	22.87	272.8	21.64
	14.0	13.1	277.7	26.01	272.4	24.62	267.1	23.24	264.5	22.64	259.2	22.05	253.9	20.86
	5.9	5.0	245.6	24.47	241.0	23.17	236.3	21.87	233.9	21.30	229.3	20.74	224.6	19.61
	-3.1	-4.0	202.1	21.69	198.2	20.54	194.4	19.39	192.4	18.88	188.6	18.38	184.7	17.37
	-9.0	-9.4	171.9	19.33	168.7	18.30	165.4	17.28	163.7	16.83	160.5	16.37	157.2	15.47
	-12.6	-13.0	151.8	17.65	148.9	16.72	146.1	15.78	144.6	15.37	141.7	14.95	138.8	14.12
	-17.3	-18.4	121.7	14.95	119.4	14.16	117.1	13.37	115.9	13.02	113.6	12.66	111.3	11.95
	-21.8	-22.0	101.6	12.99	99.7	12.31	97.8	11.62	96.8	11.31	94.8	11.00	92.9	10.39

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	331.7	27.07	325.4	25.61	319.1	24.16	315.9	23.56	309.6	22.96	303.3	21.77
	55.4	53.2	331.7	27.41	325.4	25.94	319.1	24.47	315.9	23.86	309.6	23.26	303.3	22.04
	51.8	49.6	331.7	27.80	325.4	26.31	319.1	24.82	315.9	24.20	309.6	23.58	303.3	22.35
	48.2	46.2	331.7	28.19	325.4	26.68	319.1	25.17	315.9	24.54	309.6	23.91	303.3	22.66
	47.0	43.0	331.7	28.58	325.4	27.05	319.1	25.52	315.9	24.88	309.6	24.24	303.3	22.97
	41.0	39.4	319.7	27.40	313.6	25.93	307.5	24.46	304.5	23.85	298.4	23.24	292.3	22.01
	36.5	35.0	305.4	25.99	299.5	24.60	293.7	23.21	290.8	22.62	285.0	22.04	279.2	20.87
	32.0	30.7	291.0	25.31	285.5	23.96	279.9	22.61	277.2	22.04	271.6	21.47	266.1	20.33
	26.6	25.3	273.1	24.47	267.9	23.17	262.7	21.86	260.1	21.31	254.9	20.75	249.7	19.65
	23.0	21.9	261.8	23.94	256.8	22.66	251.8	21.38	249.3	20.84	244.3	20.30	239.3	19.21
	19.4	18.3	249.8	23.37	245.1	22.12	240.3	20.87	237.9	20.34	233.2	19.81	228.4	18.75
	14.0	13.1	232.5	22.53	228.1	21.33	223.7	20.13	221.4	19.61	217.0	19.10	212.6	18.07
	5.9	5.0	205.7	21.20	201.7	20.07	197.8	18.94	195.9	18.45	191.9	17.96	188.0	16.99
	-3.1	-4.0	169.2	18.79	165.9	17.79	162.7	16.79	161.1	16.35	157.9	15.92	154.7	15.04
	-9.0	-9.4	143.9	16.74	141.2	15.85	138.5	14.97	137.1	14.57	134.3	14.18	131.6	13.40
	-12.6	-13.0	127.1	15.29	124.7	14.48	122.3	13.67	121.1	13.31	118.6	12.95	116.2	12.23
	-17.3	-18.4	101.9	12.95	100.0	12.27	98.0	11.58	97.0	11.27	95.1	10.97	93.2	10.35
	-21.8	-22.0	85.1	11.26	83.5	10.66	81.8	10.07	81.0	9.80	79.4	9.53	77.8	9.00
80	59.0	56.7	294.8	23.80	289.2	22.52	283.6	21.25	280.8	20.72	275.2	20.20	269.6	19.14
	55.4	53.2	294.8	24.11	289.2	22.81	283.6	21.52	280.8	20.99	275.2	20.45	269.6	19.39
	51.8	49.6	294.8	24.45	289.2	23.14	283.6	21.83	280.8	21.28	275.2	20.74	269.6	19.66
	48.2	46.2	294.8	24.79	289.2	23.46	283.6	22.13	280.8	21.58	275.2	21.03	269.6	19.93
	47.0	43.0	294.8	25.14	289.2	23.79	283.6	22.44	280.8	21.88	275.2	21.32	269.6	20.20
	41.0	39.4	284.2	24.09	278.8	22.80	273.3	21.51	270.6	20.97	265.2	20.44	259.8	19.36
	36.5	35.0	271.4	22.85	266.3	21.63	261.1	20.41	258.5	19.90	253.3	19.38	248.2	18.36
	32.0	30.7	258.7	22.26	253.8	21.07	248.8	19.88	246.4	19.38	241.4	18.88	236.5	17.88
	26.6	25.3	242.8	21.52	238.1	20.37	233.5	19.22	231.2	18.74	226.6	18.25	222.0	17.28
	23.0	21.9	232.7	21.05	228.3	19.93	223.8	18.80	221.6	18.33	217.2	17.85	212.7	16.89
	19.4	18.3	222.1	20.55	217.8	19.45	213.6	18.36	211.5	17.89	207.3	17.42	203.0	16.49
	14.0	13.1	206.7	19.81	202.7	18.76	198.8	17.70	196.8	17.25	192.9	16.79	189.0	15.89
	5.9	5.0	182.8	18.64	179.3	17.65	175.8	16.66	174.1	16.23	170.6	15.80	167.1	14.94
	-3.1	-4.0	150.4	16.52	147.5	15.64	144.6	14.77	143.2	14.38	140.3	14.00	137.5	13.23
	-9.0	-9.4	127.9	14.72	125.5	13.94	123.1	13.16	121.9	12.82	119.4	12.47	117.0	11.78
	-12.6	-13.0	113.0	13.45	110.8	12.73	108.7	12.02	107.6	11.71	105.5	11.39	103.3	10.76
	-17.3	-18.4	90.6	11.39	88.8	10.79	87.1	10.19	86.3	9.92	84.5	9.65	82.8	9.11
	-21.8	-22.0	75.6	9.90	74.2	9.38	72.7	8.85	72.0	8.62	70.6	8.38	69.1	7.91
70	59.0	56.7	258.0	20.61	253.1	19.50	248.2	18.40	245.7	17.94	240.8	17.49	235.9	16.58
	55.4	53.2	258.0	20.87	253.1	19.75	248.2	18.63	245.7	18.17	240.8	17.71	235.9	16.79
	51.8	49.6	258.0	21.17	253.1	20.03	248.2	18.90	245.7	18.43	240.8	17.96	235.9	17.02
	48.2	46.2	258.0	21.47	253.1	20.31	248.2	19.16	245.7	18.69	240.8	18.21	235.9	17.25
	47.0	43.0	258.0	21.76	253.1	20.60	248.2	19.43	245.7	18.95	240.8	18.46	235.9	17.49
	41.0	39.4	248.6	20.86	243.9	19.74	239.2	18.63	236.8	18.16	232.1	17.69	227.3	16.76
	36.5	35.0	237.5	19.79	233.0	18.73	228.5	17.67	226.2	17.23	221.7	16.78	217.1	15.89
	32.0	30.7	226.4	19.27	222.0	18.24	217.7	17.21	215.6	16.78	211.3	16.34	207.0	15.48
	26.6	25.3	212.4	18.63	208.4	17.64	204.3	16.64	202.3	16.22	198.3	15.80	194.2	14.96
	23.0	21.9	203.6	18.23	199.7	17.25	195.8	16.28	193.9	15.87	190.0	15.45	186.2	14.63
	19.4	18.3	194.3	17.79	190.6	16.84	186.9	15.89	185.1	15.49	181.4	15.08	177.7	14.27
	14.0	13.1	180.8	17.15	177.4	16.24	174.0	15.33	172.2	14.93	168.8	14.54	165.3	13.76
	5.9	5.0	160.0	16.14	156.9	15.28	153.9	14.42	152.3	14.05	149.3	13.68	146.2	12.93
	-3.1	-4.0	131.6	14.30	129.1	13.54	126.6	12.79	125.3	12.45	122.8	12.12	120.3	11.45
	-9.0	-9.4	112.0	12.75	109.8	12.07	107.7	11.40	106.6	11.10	104.5	10.80	102.4	10.20
	-12.6	-13.0	98.9	11.64	97.0	11.03	95.1	10.41	94.2	10.14	92.3	9.86	90.4	9.31
	-17.3	-18.4	79.3	9.86	77.7	9.34	76.2	8.82	75.5	8.58	74.0	8.35	72.5	7.88
	-21.8	-22.0	66.2	8.57	64.9	8.12	63.7	7.67	63.0	7.46	61.8	7.26	60.5	6.85

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP3361FT6P-UL/MMY-UP3361FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	396.9	34.00	389.3	32.18	381.8	30.35	378.0	29.60	370.4	28.85	362.9	27.35
	55.4	53.2	396.9	34.44	389.3	32.59	381.8	30.74	378.0	29.98	370.4	29.22	362.9	27.70
	51.8	49.6	396.9	34.93	389.3	33.05	381.8	31.18	378.0	30.41	370.4	29.63	362.9	28.08
	48.2	46.2	396.9	35.42	389.3	33.52	381.8	31.62	378.0	30.83	370.4	30.04	362.9	28.47
	47.0	43.0	396.9	35.80	389.3	33.98	381.8	32.06	378.0	31.26	370.4	30.46	362.9	28.86
	41.0	39.4	382.5	33.77	375.2	32.58	368.0	30.73	364.3	29.96	357.0	29.19	349.7	27.66
	36.5	35.0	365.4	31.39	358.4	30.90	351.5	29.15	348.0	28.42	341.0	27.69	334.1	26.23
	32.0	30.7	348.2	31.53	341.6	30.10	335.0	28.40	331.7	27.68	325.0	26.97	318.4	25.54
	26.6	25.3	326.8	30.75	320.6	29.10	314.4	27.46	311.2	26.77	305.0	26.07	298.8	24.68
	23.0	21.9	313.2	30.07	307.3	28.47	301.3	26.86	298.3	26.18	292.4	25.50	286.4	24.13
	19.4	18.3	298.9	29.36	293.3	27.79	287.6	26.22	284.7	25.56	279.0	24.89	273.3	23.55
	14.0	13.1	278.2	28.30	272.9	26.79	267.6	25.29	265.0	24.64	259.7	23.99	254.4	22.70
	5.9	5.0	246.1	26.63	241.4	25.21	236.7	23.80	234.4	23.18	229.7	22.57	225.0	21.34
	-3.1	-4.0	202.4	23.60	198.6	22.35	194.7	21.10	192.8	20.55	188.9	20.00	185.1	18.90
	-9.0	-9.4	172.2	21.03	169.0	19.92	165.7	18.80	164.0	18.31	160.8	17.82	157.5	16.83
	-12.6	-13.0	152.1	19.21	149.2	18.19	146.3	17.18	144.9	16.72	142.0	16.27	139.1	15.37
	-17.3	-18.4	121.9	16.27	119.6	15.41	117.3	14.55	116.1	14.16	113.8	13.78	111.5	13.01
	-21.8	-22.0	101.8	14.14	99.9	13.39	97.9	12.65	97.0	12.31	95.0	11.97	93.1	11.30
110	59.0	56.7	404.8	34.16	397.1	32.33	389.4	30.49	385.6	29.74	377.8	28.98	370.1	27.48
	55.4	53.2	404.8	34.60	397.1	32.74	389.4	30.89	385.6	30.12	377.8	29.36	370.1	27.82
	51.8	49.6	404.8	35.09	397.1	33.21	389.4	31.33	385.6	30.55	377.8	29.77	370.1	28.21
	48.2	46.2	404.8	35.58	397.1	33.67	389.4	31.77	385.6	30.98	377.8	30.18	370.1	28.60
	47.0	43.0	404.8	35.97	397.1	34.14	389.4	32.21	385.6	31.41	377.8	30.60	370.1	28.99
	41.0	39.4	390.2	33.93	382.8	32.73	375.3	30.88	371.6	30.10	364.2	29.33	356.7	27.78
	36.5	35.0	372.7	31.53	365.6	31.04	358.5	29.29	354.9	28.55	347.8	27.82	340.7	26.35
	32.0	30.7	355.2	31.68	348.4	30.24	341.7	28.53	338.3	27.81	331.5	27.09	324.8	25.66
	26.6	25.3	333.3	30.89	327.0	29.24	320.6	27.59	317.5	26.89	311.1	26.19	304.8	24.80
	23.0	21.9	319.5	30.21	313.4	28.60	307.3	26.99	304.3	26.30	298.2	25.62	292.1	24.25
	19.4	18.3	304.9	29.49	299.1	27.92	293.3	26.35	290.4	25.67	284.6	25.00	278.8	23.66
	14.0	13.1	283.8	28.43	278.4	26.92	273.0	25.40	270.3	24.75	264.9	24.10	259.5	22.80
	5.9	5.0	251.0	26.75	246.2	25.33	241.4	23.91	239.0	23.29	234.3	22.67	229.5	21.44
	-3.1	-4.0	206.5	23.71	202.5	22.45	198.6	21.19	196.6	20.64	192.7	20.09	188.8	18.99
	-9.0	-9.4	175.7	21.13	172.3	20.01	169.0	18.89	167.3	18.39	164.0	17.90	160.6	16.91
	-12.6	-13.0	155.2	19.30	152.2	18.28	149.2	17.25	147.8	16.80	144.8	16.35	141.9	15.44
	-17.3	-18.4	124.4	16.35	122.0	15.48	119.6	14.62	118.4	14.23	116.1	13.84	113.7	13.07
	-21.8	-22.0	103.8	14.21	101.9	13.46	99.9	12.71	98.9	12.37	96.9	12.03	94.9	11.35
120	59.0	56.7	416.7	34.65	408.8	32.78	400.9	30.92	396.9	30.16	389.0	29.39	381.0	27.87
	55.4	53.2	416.7	35.09	408.8	33.21	400.9	31.32	396.9	30.55	389.0	29.77	381.0	28.22
	51.8	49.6	416.7	35.59	408.8	33.68	400.9	31.77	396.9	30.98	389.0	30.19	381.0	28.61
	48.2	46.2	416.7	36.09	408.8	34.15	400.9	32.22	396.9	31.41	389.0	30.61	381.0	29.01
	47.0	43.0	416.7	36.48	408.8	34.63	400.9	32.67	396.9	31.85	389.0	31.02	381.0	29.40
	41.0	39.4	401.7	34.41	394.0	33.19	386.4	31.31	382.5	30.53	374.9	29.74	367.2	28.18
	36.5	35.0	383.7	31.98	376.3	31.48	369.0	29.70	365.4	28.96	358.1	28.21	350.8	26.72
	32.0	30.7	365.7	32.13	358.7	30.67	351.7	28.94	348.2	28.21	341.3	27.48	334.3	26.02
	26.6	25.3	343.1	31.33	336.6	29.65	330.1	27.98	326.8	27.27	320.3	26.56	313.7	25.15
	23.0	21.9	328.9	30.64	322.6	29.00	316.4	27.37	313.2	26.67	307.0	25.98	300.7	24.59
	19.4	18.3	313.9	29.91	307.9	28.31	301.9	26.72	298.9	26.04	293.0	25.36	287.0	24.00
	14.0	13.1	292.1	28.84	286.6	27.30	281.0	25.76	278.2	25.10	272.7	24.44	267.1	23.13
	5.9	5.0	258.4	27.13	253.5	25.69	248.5	24.24	246.1	23.62	241.2	22.99	236.2	21.74
	-3.1	-4.0	212.5	24.05	208.5	22.77	204.4	21.49	202.4	20.93	198.4	20.37	194.3	19.26
	-9.0	-9.4	180.8	21.43	177.4	20.29	174.0	19.16	172.2	18.66	168.8	18.15	165.3	17.15
	-12.6	-13.0	159.7	19.57	156.7	18.54	153.6	17.50	152.1	17.04	149.1	16.58	146.0	15.66
	-17.3	-18.4	128.0	16.58	125.6	15.70	123.1	14.82	121.9	14.43	119.5	14.04	117.1	13.25
	-21.8	-22.0	106.9	14.41	104.9	13.65	102.8	12.89	101.8	12.54	99.8	12.20	97.7	11.51
130	59.0	56.7	426.7	34.95	418.5	33.07	410.4	31.20	406.4	30.43	398.2	29.65	390.1	28.11
	55.4	53.2	426.7	35.40	418.5	33.50	410.4	31.60	406.4	30.82	398.2	30.03	390.1	28.47
	51.8	49.6	426.7	35.90	418.5	33.98	410.4	32.05	406.4	31.25	398.2	30.46	390.1	28.86
	48.2	46.2	426.7	36.41	418.5	34.45	410.4	32.50	406.4	31.69	398.2	30.88	390.1	29.26
	47.0	43.0	426.7	36.80	418.5	34.93	410.4	32.95	406.4	32.13	398.2	31.31	390.1	29.66
	41.0	39.4	411.2	34.71	403.4	33.48	395.6	31.59	391.6	30.80	383.8	30.01	376.0	28.43
	36.5	35.0	392.8	32.26	385.3	31.76	377.8	29.97	374.1	29.21	366.6	28.46	359.1	26.96
	32.0	30.7	374.4	32.41	367.2	30.94	360.1	29.19	356.5	28.46	349.4	27.72	342.3	26.25
	26.6	25.3	351.3	31.60	344.6	29.92	337.9	28.23	334.6	27.51	327.9	26.80	321.2	25.37
	23.0	21.9	336.7	30.91	330.3	29.26	323.9	27.61	320.7	26.91	314.3	26.21	307.9	24.81
	19.4	18.3	321.4	30.17	315.2	28.56	309.1	26.95	306.1	26.27	299.9	25.58	293.8	24.21
	14.0	13.1	299.1	29.09	293.4	27.54	287.7	25.99	284.9	25.33	279.2	24.66	273.5	23.33
	5.9	5.0	264.5	27.37	259.5	25.91	254.5	24.46	251.9	23.83	246.9	23.20	241.9	21.94
	-3.1	-4.0	217.6	24.26	213.5	22.97	209.3	21.68	207.2	21.12	203.1	20.55	198.9	19.43
	-9.0	-9.4	185.2	21.62	181.6	20.47	178.1	19.33	176.3	18.82	172.8	18.31	169.3	17.30
	-12.6	-13.0	163.5	19.74	160.4	18.70	157.3	17.65	155.7	17.19	152.6	16.72	149.5	15.80
	-17.3	-18.4	131.1	16.72	128.6	15.84	126.1	14.96	124.8	14.56	122.3	14.16	119.8	13.37
	-21.8	-22.0	109.4	14.54	107.4	13.77	105.3	13.00	104.2	12.65	102.1	12.31	100.1	11.62

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	357.2	30.27	350.4	28.65	343.6	27.02	340.2	26.35	333.4	25.69	326.6	24.35
	55.4	53.2	357.2	30.66	350.4	29.02	343.6	27.37	340.2	26.69	333.4	26.02	326.6	24.66
	51.8	49.6	357.2	31.10	350.4	29.43	343.6	27.76	340.2	27.07	333.4	26.38	326.6	25.00
	48.2	46.2	357.2	31.53	350.4	29.84	343.6	28.15	340.2	27.45	333.4	26.75	326.6	25.35
	47.0	43.0	357.2	31.87	350.4	30.26	343.6	28.54	340.2	27.83	333.4	27.12	326.6	25.69
	41.0	39.4	344.3	30.07	337.7	29.00	331.2	27.36	327.9	26.68	321.3	25.99	314.8	24.62
	36.5	35.0	328.8	27.95	322.6	27.51	316.3	25.96	313.2	25.30	306.9	24.65	300.7	23.35
	32.0	30.7	313.4	28.08	307.4	26.80	301.5	25.29	298.5	24.65	292.5	24.01	286.6	22.74
	26.6	25.3	294.1	27.38	288.5	25.91	282.9	24.45	280.1	23.83	274.5	23.21	268.9	21.97
	23.0	21.9	281.9	26.77	276.5	25.35	271.2	23.92	268.5	23.31	263.1	22.70	257.7	21.49
	19.4	18.3	269.1	26.14	263.9	24.74	258.8	23.35	256.2	22.75	251.1	22.16	246.0	20.97
	14.0	13.1	250.4	25.20	245.6	23.86	240.9	22.51	238.5	21.94	233.7	21.36	228.9	20.21
	5.9	5.0	221.5	23.71	217.3	22.45	213.0	21.19	210.9	20.64	206.7	20.09	202.5	19.00
	-3.1	-4.0	182.2	21.01	178.7	19.90	175.2	18.78	173.5	18.29	170.0	17.80	166.6	16.83
	-9.0	-9.4	155.0	18.73	152.1	17.73	149.1	16.74	147.6	16.30	144.7	15.86	141.7	14.99
	-12.6	-13.0	136.9	17.10	134.3	16.20	131.7	15.29	130.4	14.89	127.8	14.49	125.2	13.68
	-17.3	-18.4	109.7	14.49	107.6	13.72	105.6	12.95	104.5	12.61	102.4	12.27	100.3	11.58
	-21.8	-22.0	91.6	12.59	89.9	11.93	88.1	11.26	87.3	10.96	85.5	10.66	83.8	10.06
80	59.0	56.7	317.5	26.63	311.5	25.20	305.4	23.77	302.4	23.18	296.4	22.59	290.3	21.41
	55.4	53.2	317.5	26.97	311.5	25.52	305.4	24.07	302.4	23.48	296.4	22.88	290.3	21.69
	51.8	49.6	317.5	27.35	311.5	25.88	305.4	24.41	302.4	23.81	296.4	23.20	290.3	21.99
	48.2	46.2	317.5	27.73	311.5	26.25	305.4	24.76	302.4	24.14	296.4	23.53	290.3	22.29
	47.0	43.0	317.5	28.03	311.5	26.61	305.4	25.10	302.4	24.48	296.4	23.85	290.3	22.60
	41.0	39.4	306.0	26.44	300.2	25.51	294.4	24.06	291.5	23.46	285.6	22.86	279.8	21.65
	36.5	35.0	292.3	24.58	286.7	24.20	281.2	22.83	278.4	22.25	272.8	21.68	267.3	20.53
	32.0	30.7	278.6	24.69	273.3	23.57	268.0	22.24	265.3	21.68	260.0	21.12	254.7	20.00
	26.6	25.3	261.4	24.08	256.5	22.79	251.5	21.50	249.0	20.96	244.0	20.41	239.0	19.33
	23.0	21.9	250.6	23.55	245.8	22.29	241.0	21.03	238.7	20.50	233.9	19.96	229.1	18.90
	19.4	18.3	239.2	22.99	234.6	21.76	230.0	20.53	227.8	20.01	223.2	19.49	218.7	18.44
	14.0	13.1	222.6	22.16	218.3	20.98	214.1	19.80	212.0	19.29	207.7	18.79	203.5	17.77
	5.9	5.0	196.9	20.85	193.1	19.74	189.4	18.63	187.5	18.15	183.7	17.67	180.0	16.71
	-3.1	-4.0	161.9	18.48	158.9	17.50	155.8	16.52	154.2	16.09	151.1	15.66	148.1	14.80
	-9.0	-9.4	137.8	16.47	135.2	15.60	132.5	14.72	131.2	14.34	128.6	13.95	126.0	13.18
	-12.6	-13.0	121.7	15.04	119.4	14.24	117.1	13.45	115.9	13.09	113.6	12.74	111.3	12.03
	-17.3	-18.4	97.5	12.74	95.7	12.07	93.8	11.39	92.9	11.09	91.0	10.79	89.2	10.19
	-21.8	-22.0	81.4	11.07	79.9	10.49	78.3	9.90	77.6	9.64	76.0	9.38	74.5	8.85
70	59.0	56.7	277.8	23.05	272.5	21.81	267.2	20.58	264.6	20.07	259.3	19.56	254.0	18.54
	55.4	53.2	277.8	23.35	272.5	22.10	267.2	20.84	264.6	20.33	259.3	19.81	254.0	18.78
	51.8	49.6	277.8	23.68	272.5	22.41	267.2	21.14	264.6	20.61	259.3	20.09	254.0	19.04
	48.2	46.2	277.8	24.01	272.5	22.72	267.2	21.44	264.6	20.90	259.3	20.37	254.0	19.30
	47.0	43.0	277.8	24.27	272.5	23.04	267.2	21.74	264.6	21.19	259.3	20.65	254.0	19.56
	41.0	39.4	267.8	22.89	262.7	22.08	257.6	20.83	255.0	20.31	249.9	19.79	244.8	18.75
	36.5	35.0	255.8	21.28	250.9	20.95	246.0	19.76	243.6	19.27	238.7	18.77	233.8	17.78
	32.0	30.7	243.8	21.38	239.1	20.41	234.5	19.25	232.2	18.77	227.5	18.28	222.9	17.31
	26.6	25.3	228.8	20.84	224.4	19.73	220.1	18.62	217.9	18.15	213.5	17.67	209.2	16.73
	23.0	21.9	219.3	20.39	215.1	19.30	210.9	18.21	208.8	17.75	204.6	17.29	200.5	16.36
	19.4	18.3	209.3	19.90	205.3	18.84	201.3	17.78	199.3	17.33	195.3	16.87	191.3	15.97
	14.0	13.1	194.8	19.19	191.0	18.16	187.3	17.14	185.5	16.70	181.8	16.26	178.1	15.39
	5.9	5.0	172.3	18.05	169.0	17.09	165.7	16.13	164.1	15.72	160.8	15.30	157.5	14.47
	-3.1	-4.0	141.7	16.00	139.0	15.15	136.3	14.30	134.9	13.93	132.2	13.56	129.5	12.81
	-9.0	-9.4	120.6	14.26	118.3	13.50	116.0	12.75	114.8	12.41	112.5	12.08	110.2	11.41
	-12.6	-13.0	106.5	13.02	104.5	12.33	102.4	11.64	101.4	11.34	99.4	11.03	97.4	10.42
	-17.3	-18.4	85.3	11.03	83.7	10.45	82.1	9.86	81.3	9.60	79.7	9.34	78.0	8.82
	-21.8	-22.0	71.3	9.59	69.9	9.08	68.5	8.57	67.9	8.35	66.5	8.12	65.2	7.66

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP3601FT6P-UL/MMY-UP3601FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	425.3	36.74	417.2	34.76	409.1	32.79	405.0	31.98	396.9	31.17	388.8	29.55
	55.4	53.2	425.3	37.21	417.2	35.21	409.1	33.21	405.0	32.39	396.9	31.57	388.8	29.92
	51.8	49.6	425.3	37.73	417.2	35.71	409.1	33.69	405.0	32.85	396.9	32.01	388.8	30.34
	48.2	46.2	425.3	38.26	417.2	36.21	409.1	34.16	405.0	33.31	396.9	32.46	388.8	30.76
	47.0	43.0	425.3	38.80	417.2	36.72	409.1	34.64	405.0	33.77	396.9	32.91	388.8	31.18
	41.0	39.4	409.9	37.19	402.0	35.19	394.2	33.20	390.3	32.37	382.5	31.54	374.7	29.88
	36.5	35.0	391.5	35.27	384.0	33.38	376.6	31.50	372.8	30.71	365.4	29.92	357.9	28.33
	32.0	30.7	373.1	34.36	366.0	32.52	358.9	30.68	355.3	29.91	348.2	29.14	341.1	27.59
	26.6	25.3	350.2	33.22	343.5	31.44	336.8	29.67	333.5	28.92	326.8	28.17	320.1	26.67
	23.0	21.9	335.6	32.49	329.2	30.75	322.8	29.02	319.6	28.28	313.2	27.55	306.8	26.07
	19.4	18.3	320.3	31.71	314.2	30.02	308.1	28.33	305.0	27.61	298.9	26.89	292.8	25.45
	14.0	13.1	298.1	30.58	292.4	28.95	286.7	27.32	283.9	26.62	278.2	25.92	272.5	24.52
	5.9	5.0	263.7	28.77	258.6	27.24	253.6	25.71	251.1	25.05	246.1	24.38	241.1	23.06
	-3.1	-4.0	216.9	25.50	212.7	24.14	208.6	22.79	206.6	22.20	202.4	21.60	198.3	20.42
	-9.0	-9.4	184.5	22.72	181.0	21.52	177.5	20.31	175.7	19.78	172.2	19.25	168.7	18.18
	-12.6	-13.0	163.0	20.75	159.9	19.65	156.8	18.56	155.2	18.07	152.1	17.58	149.0	16.60
	-17.3	-18.4	130.6	17.58	128.1	16.65	125.7	15.72	124.4	15.30	121.9	14.89	119.4	14.05
	-21.8	-22.0	109.1	15.28	107.0	14.47	104.9	13.66	103.9	13.30	101.8	12.94	99.7	12.21
110	59.0	56.7	433.8	36.91	425.5	34.93	417.2	32.94	413.1	32.13	404.8	31.31	396.6	29.68
	55.4	53.2	433.8	37.38	425.5	35.38	417.2	33.37	413.1	32.54	404.8	31.72	396.6	30.06
	51.8	49.6	433.8	37.91	425.5	35.88	417.2	33.84	413.1	33.00	404.8	32.16	396.6	30.48
	48.2	46.2	433.8	38.44	425.5	36.38	417.2	34.32	413.1	33.47	404.8	32.61	396.6	30.90
	47.0	43.0	433.8	38.98	425.5	36.89	417.2	34.80	413.1	33.93	404.8	33.06	396.6	31.32
	41.0	39.4	418.1	37.36	410.1	35.36	402.1	33.36	398.1	32.52	390.2	31.69	382.2	30.02
	36.5	35.0	399.3	35.44	391.7	33.54	384.1	31.64	380.3	30.85	372.7	30.05	365.1	28.46
	32.0	30.7	380.6	34.52	373.3	32.67	366.1	30.83	362.5	30.05	355.2	29.27	348.0	27.72
	26.6	25.3	357.2	33.37	350.4	31.59	343.5	29.81	340.1	29.05	333.3	28.30	326.5	26.79
	23.0	21.9	342.3	32.64	335.8	30.90	329.3	29.16	326.0	28.42	319.5	27.68	313.0	26.19
	19.4	18.3	326.7	31.86	320.5	30.16	314.3	28.46	311.1	27.74	304.9	27.01	298.7	25.56
	14.0	13.1	304.1	30.72	298.3	29.08	292.5	27.45	289.6	26.74	283.8	26.04	278.0	24.64
	5.9	5.0	268.9	28.90	263.8	27.37	258.7	25.83	256.1	25.16	251.0	24.50	245.9	23.16
	-3.1	-4.0	221.2	25.62	217.0	24.26	212.8	22.90	210.7	22.30	206.5	21.71	202.3	20.51
	-9.0	-9.4	188.2	22.83	184.6	21.62	181.1	20.41	179.3	19.87	175.7	19.34	172.1	18.27
	-12.6	-13.0	166.2	20.85	163.1	19.75	159.9	18.64	158.3	18.15	155.2	17.66	152.0	16.68
	-17.3	-18.4	133.2	17.66	130.7	16.73	128.2	15.79	126.9	15.37	124.4	14.96	121.8	14.12
	-21.8	-22.0	111.3	15.35	109.1	14.54	107.0	13.73	106.0	13.36	103.8	13.00	101.7	12.27
120	59.0	56.7	446.5	37.43	438.0	35.42	429.5	33.41	425.3	32.58	416.7	31.76	408.2	30.11
	55.4	53.2	446.5	37.91	438.0	35.88	429.5	33.84	425.3	33.00	416.7	32.16	408.2	30.49
	51.8	49.6	446.5	38.45	438.0	36.38	429.5	34.32	425.3	33.47	416.7	32.62	408.2	30.91
	48.2	46.2	446.5	38.99	438.0	36.90	429.5	34.81	425.3	33.94	416.7	33.07	408.2	31.34
	47.0	43.0	446.5	39.53	438.0	37.41	429.5	35.29	425.3	34.41	416.7	33.53	408.2	31.77
	41.0	39.4	430.3	37.89	422.2	35.86	414.0	33.83	409.9	32.98	401.7	32.14	393.5	30.44
	36.5	35.0	411.1	35.94	403.2	34.01	395.4	32.09	391.5	31.29	383.7	30.48	375.8	28.87
	32.0	30.7	391.8	35.01	384.3	33.13	376.8	31.26	373.1	30.47	365.7	29.69	358.2	28.11
	26.6	25.3	367.7	33.85	360.7	32.04	353.7	30.23	350.2	29.46	343.1	28.70	336.1	27.17
	23.0	21.9	352.4	33.10	345.7	31.34	339.0	29.57	335.6	28.82	328.9	28.07	322.2	26.57
	19.4	18.3	336.3	32.31	329.9	30.59	323.5	28.87	320.3	28.13	313.9	27.40	307.5	25.93
	14.0	13.1	313.0	31.15	307.0	29.49	301.1	27.83	298.1	27.12	292.1	26.41	286.2	24.98
	5.9	5.0	276.8	29.31	271.6	27.75	266.3	26.19	263.7	25.52	258.4	24.84	253.1	23.49
	-3.1	-4.0	227.7	25.98	223.4	24.60	219.0	23.22	216.9	22.62	212.5	22.01	208.2	20.80
	-9.0	-9.4	193.8	23.15	190.1	21.92	186.4	20.70	184.5	20.15	180.8	19.61	177.2	18.53
	-12.6	-13.0	171.1	21.14	167.9	20.03	164.6	18.91	163.0	18.41	159.7	17.91	156.5	16.92
	-17.3	-18.4	137.2	17.91	134.6	16.96	131.9	16.02	130.6	15.59	128.0	15.17	125.4	14.32
	-21.8	-22.0	114.5	15.57	112.3	14.74	110.2	13.92	109.1	13.55	106.9	13.18	104.7	12.44
130	59.0	56.7	457.1	37.76	448.4	35.73	439.7	33.71	435.4	32.87	426.7	32.04	418.0	30.37
	55.4	53.2	457.1	38.25	448.4	36.19	439.7	34.14	435.4	33.29	426.7	32.45	418.0	30.76
	51.8	49.6	457.1	38.79	448.4	36.71	439.7	34.63	435.4	33.77	426.7	32.91	418.0	31.18
	48.2	46.2	457.1	39.33	448.4	37.22	439.7	35.11	435.4	34.24	426.7	33.37	418.0	31.62
	47.0	43.0	457.1	39.88	448.4	37.74	439.7	35.60	435.4	34.71	426.7	33.83	418.0	32.05
	41.0	39.4	440.6	38.22	432.2	36.18	423.8	34.13	419.6	33.27	411.2	32.42	402.8	30.71
	36.5	35.0	420.8	36.26	412.8	34.32	404.8	32.38	400.8	31.56	392.8	30.75	384.8	29.12
	32.0	30.7	401.1	35.32	393.5	33.43	385.8	31.54	382.0	30.74	374.4	29.95	366.7	28.36
	26.6	25.3	376.4	34.14	369.2	32.32	362.1	30.50	358.5	29.72	351.3	28.95	344.1	27.41
	23.0	21.9	360.8	33.40	353.9	31.61	347.0	29.83	343.6	29.07	336.7	28.32	329.9	26.80
	19.4	18.3	344.3	32.60	337.8	30.86	331.2	29.12	327.9	28.38	321.4	27.64	314.8	26.15
	14.0	13.1	320.5	31.43	314.4	29.75	308.2	28.08	305.2	27.36	299.1	26.64	293.0	25.21
	5.9	5.0	283.4	29.57	278.0	28.00	272.6	26.43	269.9	25.74	264.5	25.06	259.1	23.70
	-3.1	-4.0	233.1	26.21	228.7	24.82	224.3	23.43	222.0	22.82	217.6	22.21	213.2	20.99
	-9.0	-9.4	198.4	23.36	194.6	22.12	190.8	20.88	188.9	20.33	185.2	19.79	181.4	18.69
	-12.6	-13.0	175.2	21.33	171.9	20.20	168.5	19.07	166.9	18.57	163.5	18.07	160.2	17.07
	-17.3	-18.4	140.4	18.07	137.8	17.11	135.1	16.16	133.7	15.73	131.1	15.30	128.4	14.45
	-21.8	-22.0	117.3	15.70	115.0	14.87	112.8	14.05	111.7	13.67	109.4	13.30	107.2	12.55

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	382.7	32.71	375.4	30.95	368.1	29.20	364.5	28.47	357.2	27.75	349.9	26.31
	55.4	53.2	382.7	33.13	375.4	31.35	368.1	29.57	364.5	28.84	357.2	28.11	349.9	26.64
	51.8	49.6	382.7	33.60	375.4	31.79	368.1	29.99	364.5	29.25	357.2	28.50	349.9	27.01
	48.2	46.2	382.7	34.07	375.4	32.24	368.1	30.42	364.5	29.66	357.2	28.90	349.9	27.39
	47.0	43.0	382.7	34.54	375.4	32.69	368.1	30.84	364.5	30.07	357.2	29.30	349.9	27.76
	41.0	39.4	368.9	33.11	361.8	31.33	354.8	29.56	351.3	28.82	344.3	28.08	337.3	26.60
	36.5	35.0	352.3	31.40	345.6	29.72	338.9	28.04	335.6	27.34	328.8	26.63	322.1	25.23
	32.0	30.7	335.8	30.59	329.4	28.95	323.0	27.32	319.8	26.63	313.4	25.94	307.0	24.56
	26.6	25.3	315.1	29.58	309.1	28.00	303.1	26.42	300.1	25.75	294.1	25.08	288.1	23.74
	23.0	21.9	302.0	28.93	296.3	27.38	290.5	25.84	287.7	25.18	281.9	24.53	276.2	23.21
	19.4	18.3	288.3	28.24	282.8	26.73	277.3	25.22	274.5	24.58	269.1	23.94	263.6	22.65
	14.0	13.1	268.3	27.22	263.2	25.77	258.1	24.32	255.5	23.70	250.4	23.08	245.3	21.83
	5.9	5.0	237.3	25.61	232.8	24.25	228.2	22.89	226.0	22.30	221.5	21.71	217.0	20.53
	-3.1	-4.0	195.2	22.70	191.5	21.50	187.8	20.29	185.9	19.76	182.2	19.24	178.5	18.18
	-9.0	-9.4	166.1	20.23	162.9	19.16	159.8	18.09	158.2	17.61	155.0	17.14	151.8	16.19
	-12.6	-13.0	146.7	18.48	143.9	17.50	141.1	16.52	139.7	16.09	136.9	15.65	134.1	14.78
	-17.3	-18.4	117.6	15.65	115.3	14.82	113.1	14.00	112.0	13.62	109.7	13.25	107.5	12.51
	-21.8	-22.0	98.2	13.60	96.3	12.88	94.4	12.17	93.5	11.84	91.6	11.52	89.8	10.87
80	59.0	56.7	340.2	28.77	333.7	27.22	327.2	25.68	324.0	25.04	317.5	24.41	311.0	23.14
	55.4	53.2	340.2	29.14	333.7	27.57	327.2	26.01	324.0	25.36	317.5	24.72	311.0	23.43
	51.8	49.6	340.2	29.55	333.7	27.96	327.2	26.38	324.0	25.72	317.5	25.07	311.0	23.76
	48.2	46.2	340.2	29.96	333.7	28.36	327.2	26.75	324.0	26.08	317.5	25.42	311.0	24.08
	47.0	43.0	340.2	30.38	333.7	28.75	327.2	27.12	324.0	26.44	317.5	25.77	311.0	24.41
	41.0	39.4	327.9	29.12	321.6	27.56	315.4	26.00	312.3	25.35	306.0	24.70	299.8	23.40
	36.5	35.0	313.2	27.62	307.2	26.14	301.3	24.66	298.3	24.04	292.3	23.42	286.3	22.19
	32.0	30.7	298.5	26.90	292.8	25.46	287.1	24.02	284.3	23.42	278.6	22.81	272.9	21.60
	26.6	25.3	280.1	26.01	274.8	24.62	269.4	23.23	266.8	22.64	261.4	22.06	256.1	20.88
	23.0	21.9	268.5	25.44	263.4	24.08	258.3	22.72	255.7	22.15	250.6	21.57	245.5	20.42
	19.4	18.3	256.2	24.83	251.4	23.51	246.5	22.18	244.0	21.62	239.2	21.05	234.3	19.92
	14.0	13.1	238.5	23.94	233.9	22.67	229.4	21.39	227.1	20.84	222.6	20.30	218.0	19.20
	5.9	5.0	210.9	22.53	206.9	21.33	202.9	20.13	200.9	19.61	196.9	19.09	192.8	18.05
	-3.1	-4.0	173.5	19.97	170.2	18.91	166.9	17.85	165.2	17.38	161.9	16.92	158.6	15.99
	-9.0	-9.4	147.6	17.79	144.8	16.85	142.0	15.91	140.6	15.49	137.8	15.07	135.0	14.24
	-12.6	-13.0	130.4	16.25	127.9	15.39	125.4	14.53	124.2	14.15	121.7	13.76	119.2	13.00
	-17.3	-18.4	104.5	13.76	102.5	13.04	100.5	12.31	99.5	11.98	97.5	11.66	95.6	11.00
	-21.8	-22.0	87.3	11.96	85.6	11.33	83.9	10.70	83.1	10.41	81.4	10.13	79.8	9.56
70	59.0	56.7	297.7	24.91	292.0	23.57	286.3	22.23	283.5	21.68	277.8	21.13	272.2	20.03
	55.4	53.2	297.7	25.23	292.0	23.87	286.3	22.52	283.5	21.96	277.8	21.40	272.2	20.29
	51.8	49.6	297.7	25.58	292.0	24.21	286.3	22.84	283.5	22.27	277.8	21.70	272.2	20.57
	48.2	46.2	297.7	25.94	292.0	24.55	286.3	23.16	283.5	22.58	277.8	22.01	272.2	20.85
	47.0	43.0	297.7	26.30	292.0	24.89	286.3	23.48	283.5	22.90	277.8	22.31	272.2	21.14
	41.0	39.4	286.9	25.21	281.4	23.86	276.0	22.51	273.2	21.95	267.8	21.38	262.3	20.26
	36.5	35.0	274.0	23.91	268.8	22.63	263.6	21.35	261.0	20.82	255.8	20.28	250.6	19.21
	32.0	30.7	261.2	23.29	256.2	22.05	251.2	20.80	248.7	20.28	243.8	19.75	238.8	18.70
	26.6	25.3	245.1	22.52	240.4	21.32	235.8	20.11	233.4	19.60	228.8	19.10	224.1	18.08
	23.0	21.9	234.9	22.03	230.5	20.85	226.0	19.67	223.7	19.17	219.3	18.68	214.8	17.68
	19.4	18.3	224.2	21.50	219.9	20.35	215.7	19.21	213.5	18.72	209.3	18.23	205.0	17.25
	14.0	13.1	208.7	20.73	204.7	19.62	200.7	18.52	198.7	18.05	194.8	17.57	190.8	16.62
	5.9	5.0	184.6	19.50	181.0	18.47	177.5	17.43	175.8	16.98	172.3	16.53	168.7	15.63
	-3.1	-4.0	151.8	17.29	148.9	16.37	146.0	15.45	144.6	15.05	141.7	14.65	138.8	13.84
	-9.0	-9.4	129.2	15.40	126.7	14.59	124.3	13.77	123.0	13.41	120.6	13.05	118.1	12.33
	-12.6	-13.0	114.1	14.07	111.9	13.32	109.7	12.58	108.7	12.25	106.5	11.92	104.3	11.26
	-17.3	-18.4	91.4	11.92	89.7	11.29	88.0	10.66	87.1	10.37	85.3	10.09	83.6	9.53
	-21.8	-22.0	76.4	10.36	74.9	9.81	73.4	9.26	72.7	9.02	71.3	8.77	69.8	8.28

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP3841FT6P-UL/MMY-UP3841FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	453.6	39.02	445.0	36.93	436.3	34.83	432.0	33.97	423.4	33.11	414.7	31.39
	55.4	53.2	453.6	39.52	445.0	37.40	436.3	35.28	432.0	34.41	423.4	33.53	414.7	31.78
	51.8	49.6	453.6	40.08	445.0	37.93	436.3	35.78	432.0	34.89	423.4	34.00	414.7	32.23
	48.2	46.2	453.6	40.65	445.0	38.47	436.3	36.29	432.0	35.38	423.4	34.48	414.7	32.67
	47.0	43.0	453.6	41.21	445.0	39.00	436.3	36.79	432.0	35.87	423.4	34.96	414.7	33.12
	41.0	39.4	453.6	41.88	445.0	39.63	436.3	37.39	432.0	36.45	423.4	35.52	414.7	33.65
	36.5	35.0	453.6	42.73	445.0	40.45	436.3	38.16	432.0	37.20	423.4	36.24	414.7	34.33
	32.0	30.7	429.1	40.78	420.9	38.60	412.8	36.42	408.7	35.50	400.5	34.58	392.3	32.75
	26.6	25.3	398.1	38.23	390.5	36.19	382.9	34.15	379.1	33.28	371.6	32.42	364.0	30.69
	23.0	21.9	378.4	36.91	371.2	34.94	364.0	32.97	360.4	32.13	353.2	31.29	346.0	29.62
	19.4	18.3	357.8	35.53	350.9	33.63	344.1	31.74	340.7	30.93	333.9	30.12	327.1	28.50
	14.0	13.1	327.8	33.47	321.5	31.68	315.3	29.90	312.2	29.13	305.9	28.37	299.7	26.84
	5.9	5.0	281.2	30.11	275.9	28.51	270.5	26.90	267.8	26.21	262.5	25.52	257.1	24.13
	-3.1	-4.0	231.3	26.51	226.9	25.11	222.5	23.70	220.3	23.08	215.9	22.46	211.5	21.23
	-9.0	-9.4	193.2	23.20	189.5	21.97	185.8	20.74	184.0	20.19	180.3	19.65	176.6	18.56
	-12.6	-13.0	167.7	20.84	164.5	19.73	161.4	18.63	159.8	18.14	156.6	17.65	153.4	16.67
	-17.3	-18.4	129.6	17.03	127.1	16.13	124.6	15.23	123.4	14.83	120.9	14.42	118.5	13.61
	-21.8	-22.0	104.1	14.27	102.2	13.51	100.2	12.76	99.2	12.42	97.2	12.08	95.2	11.40
110	59.0	56.7	462.7	39.20	453.9	37.10	445.0	34.99	440.6	34.13	431.8	33.26	423.0	31.53
	55.4	53.2	462.7	39.71	453.9	37.58	445.0	35.45	440.6	34.57	431.8	33.69	423.0	31.93
	51.8	49.6	462.7	40.27	453.9	38.11	445.0	35.95	440.6	35.06	431.8	34.16	423.0	32.38
	48.2	46.2	462.7	40.83	453.9	38.65	445.0	36.46	440.6	35.55	431.8	34.64	423.0	32.82
	47.0	43.0	462.7	41.40	453.9	39.18	445.0	36.96	440.6	36.04	431.8	35.12	423.0	33.27
	41.0	39.4	462.7	42.07	453.9	39.82	445.0	37.56	440.6	36.62	431.8	35.68	423.0	33.80
	36.5	35.0	462.7	42.93	453.9	40.63	445.0	38.34	440.6	37.37	431.8	36.41	423.0	34.49
	32.0	30.7	437.7	40.97	429.4	38.78	421.0	36.59	416.9	35.66	408.5	34.74	400.2	32.90
	26.6	25.3	406.1	38.41	398.3	36.36	390.6	34.31	386.7	33.44	379.0	32.57	371.3	30.83
	23.0	21.9	386.0	37.08	378.7	35.10	371.3	33.12	367.6	32.28	360.3	31.44	352.9	29.76
	19.4	18.3	364.9	35.69	358.0	33.79	351.0	31.88	347.5	31.07	340.6	30.26	333.6	28.64
	14.0	13.1	334.3	33.62	328.0	31.83	321.6	30.04	318.4	29.27	312.0	28.50	305.7	26.96
	5.9	5.0	286.9	30.25	281.4	28.64	275.9	27.03	273.2	26.33	267.7	25.63	262.3	24.24
	-3.1	-4.0	236.0	26.64	231.5	25.22	227.0	23.81	224.7	23.19	220.2	22.57	215.7	21.33
	-9.0	-9.4	197.0	23.30	193.3	22.07	189.5	20.83	187.7	20.29	183.9	19.74	180.2	18.65
	-12.6	-13.0	171.1	20.93	167.8	19.83	164.6	18.72	162.9	18.23	159.7	17.73	156.4	16.75
	-17.3	-18.4	132.2	17.11	129.7	16.20	127.1	15.30	125.9	14.89	123.4	14.49	120.8	13.68
	-21.8	-22.0	106.2	14.33	104.2	13.58	102.2	12.82	101.2	12.48	99.1	12.14	97.1	11.45
120	59.0	56.7	476.3	39.76	467.2	37.62	458.1	35.49	453.6	34.61	444.5	33.73	435.5	31.98
	55.4	53.2	476.3	40.27	467.2	38.11	458.1	35.95	453.6	35.06	444.5	34.17	435.5	32.38
	51.8	49.6	476.3	40.84	467.2	38.65	458.1	36.46	453.6	35.55	444.5	34.65	435.5	32.83
	48.2	46.2	476.3	41.41	467.2	39.19	458.1	36.97	453.6	36.05	444.5	35.13	435.5	33.29
	47.0	43.0	476.3	41.99	467.2	39.74	458.1	37.49	453.6	36.55	444.5	35.62	435.5	33.74
	41.0	39.4	476.3	42.67	467.2	40.38	458.1	38.10	453.6	37.14	444.5	36.19	435.5	34.28
	36.5	35.0	476.3	43.54	467.2	41.21	458.1	38.88	453.6	37.90	444.5	36.93	435.5	34.97
	32.0	30.7	450.6	41.55	442.0	39.33	433.4	37.10	429.1	36.17	420.5	35.23	412.0	33.36
	26.6	25.3	418.0	38.95	410.0	36.87	402.1	34.79	398.1	33.91	390.1	33.03	382.2	31.27
	23.0	21.9	397.4	37.61	389.8	35.60	382.2	33.59	378.4	32.74	370.9	31.89	363.3	30.18
	19.4	18.3	375.7	36.20	368.5	34.27	361.3	32.34	357.8	31.51	350.6	30.69	343.5	29.04
	14.0	13.1	344.2	34.10	337.6	32.28	331.0	30.46	327.8	29.68	321.2	28.90	314.7	27.34
	5.9	5.0	295.3	30.68	289.7	29.04	284.0	27.41	281.2	26.70	275.6	26.00	270.0	24.58
	-3.1	-4.0	242.9	27.01	238.3	25.58	233.6	24.15	231.3	23.52	226.7	22.89	222.1	21.63
	-9.0	-9.4	202.8	23.63	199.0	22.38	195.1	21.13	193.2	20.57	189.3	20.02	185.5	18.91
	-12.6	-13.0	176.1	21.23	172.8	20.11	169.4	18.98	167.7	18.48	164.4	17.98	161.0	16.98
	-17.3	-18.4	136.1	17.35	133.5	16.43	130.9	15.52	129.6	15.10	127.0	14.69	124.4	13.87
	-21.8	-22.0	109.4	14.53	107.3	13.77	105.2	13.00	104.1	12.65	102.1	12.31	100.0	11.62
130	59.0	56.7	487.6	40.11	478.3	37.96	469.0	35.80	464.4	34.92	455.1	34.03	445.8	32.26
	55.4	53.2	487.6	40.63	478.3	38.45	469.0	36.27	464.4	35.37	455.1	34.47	445.8	32.67
	51.8	49.6	487.6	41.20	478.3	38.99	469.0	36.78	464.4	35.87	455.1	34.95	445.8	33.13
	48.2	46.2	487.6	41.78	478.3	39.54	469.0	37.30	464.4	36.37	455.1	35.44	445.8	33.58
	47.0	43.0	487.6	42.36	478.3	40.09	469.0	37.82	464.4	36.88	455.1	35.93	445.8	34.04
	41.0	39.4	487.6	43.04	478.3	40.74	469.0	38.43	464.4	37.47	455.1	36.51	445.8	34.58
	36.5	35.0	487.6	43.93	478.3	41.57	469.0	39.22	464.4	38.24	455.1	37.25	445.8	35.28
	32.0	30.7	461.3	41.92	452.5	39.67	443.7	37.43	439.3	36.49	430.6	35.55	421.8	33.66
	26.6	25.3	428.0	39.30	419.8	37.20	411.7	35.10	407.6	34.21	399.4	33.32	391.3	31.55
	23.0	21.9	406.8	37.94	399.1	35.91	391.3	33.89	387.5	33.03	379.7	32.17	372.0	30.45
	19.4	18.3	384.6	36.52	377.3	34.57	369.9	32.62	366.3	31.79	359.0	30.96	351.6	29.30
	14.0	13.1	352.4	34.40	345.6	32.57	338.9	30.73	335.6	29.95	328.9	29.16	322.2	27.59
	5.9	5.0	302.3	30.95	296.6	29.30	290.8	27.65	287.9	26.94	282.2	26.23	276.4	24.80
	-3.1	-4.0	248.7	27.25	243.9	25.81	239.2	24.36	236.8	23.73	232.1	23.09	227.4	21.82
	-9.0	-9.4	207.7	23.84	203.7	22.58	199.8	21.32	197.8	20.76	193.8	20.20	189.9	19.08
	-12.6	-13.0	180.3	21.42	176.9	20.29	173.5	19.15	171.7	18.65	168.3	18.14	164.9	17.14
	-17.3	-18.4	139.3	17.50	136.6	16.58	134.0	15.65	132.7	15.24	130.0	14.82	127.4	13.99
	-21.8	-22.0	112.0	14.66	109.8	13.89	107.7	13.12	106.6	12.77	104.5	12.42	102.4	11.72

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	408.2	34.74	400.5	32.88	392.7	31.01	388.8	30.25	381.0	29.48	373.2	27.94
	55.4	53.2	408.2	35.19	400.5	33.30	392.7	31.41	388.8	30.63	381.0	29.86	373.2	28.30
	51.8	49.6	408.2	35.69	400.5	33.77	392.7	31.86	388.8	31.07	381.0	30.28	373.2	28.69
	48.2	46.2	408.2	36.19	400.5	34.25	392.7	32.31	388.8	31.50	381.0	30.70	373.2	29.09
	47.0	43.0	408.2	36.69	400.5	34.72	392.7	32.76	388.8	31.94	381.0	31.12	373.2	29.49
	41.0	39.4	408.2	37.28	400.5	35.29	392.7	33.29	388.8	32.46	381.0	31.62	373.2	29.96
	36.5	35.0	408.2	38.05	400.5	36.01	392.7	33.98	388.8	33.12	381.0	32.27	373.2	30.56
	32.0	30.7	386.2	36.31	378.9	34.37	371.5	32.42	367.8	31.61	360.5	30.79	353.1	29.16
	26.6	25.3	358.3	34.04	351.5	32.22	344.6	30.40	341.2	29.63	334.4	28.86	327.6	27.32
	23.0	21.9	340.6	32.86	334.1	31.11	327.6	29.35	324.4	28.61	317.9	27.86	311.4	26.37
	19.4	18.3	322.0	31.63	315.9	29.94	309.7	28.26	306.7	27.54	300.5	26.82	294.4	25.38
	14.0	13.1	295.0	29.80	289.4	28.21	283.8	26.62	280.9	25.94	275.3	25.26	269.7	23.90
	5.9	5.0	253.1	26.81	248.3	25.38	243.5	23.95	241.1	23.34	236.2	22.72	231.4	21.48
	-3.1	-4.0	208.2	23.61	204.2	22.35	200.3	21.10	198.3	20.55	194.3	20.00	190.4	18.90
	-9.0	-9.4	173.9	20.65	170.5	19.56	167.2	18.46	165.6	17.98	162.3	17.50	159.0	16.53
	-12.6	-13.0	151.0	18.55	148.1	17.57	145.2	16.59	143.8	16.15	140.9	15.72	138.0	14.84
	-17.3	-18.4	116.6	15.16	114.4	14.36	112.2	13.56	111.1	13.20	108.9	12.84	106.6	12.12
	-21.8	-22.0	93.7	12.70	91.9	12.03	90.2	11.36	89.3	11.06	87.5	10.76	85.7	10.15
80	59.0	56.7	362.9	30.56	356.0	28.91	349.1	27.27	345.6	26.60	338.7	25.92	331.8	24.58
	55.4	53.2	362.9	30.95	356.0	29.29	349.1	27.63	345.6	26.94	338.7	26.26	331.8	24.89
	51.8	49.6	362.9	31.39	356.0	29.70	349.1	28.02	345.6	27.32	338.7	26.63	331.8	25.23
	48.2	46.2	362.9	31.83	356.0	30.12	349.1	28.41	345.6	27.71	338.7	27.00	331.8	25.58
	47.0	43.0	362.9	32.27	356.0	30.54	349.1	28.81	345.6	28.09	338.7	27.37	331.8	25.93
	41.0	39.4	362.9	32.79	356.0	31.03	349.1	29.28	345.6	28.54	338.7	27.81	331.8	26.35
	36.5	35.0	362.9	33.46	356.0	31.67	349.1	29.88	345.6	29.13	338.7	28.38	331.8	26.88
	32.0	30.7	343.3	31.93	336.8	30.22	330.2	28.52	327.0	27.80	320.4	27.08	313.9	25.64
	26.6	25.3	318.5	29.94	312.4	28.34	306.3	26.74	303.3	26.06	297.2	25.38	291.2	24.03
	23.0	21.9	302.8	28.90	297.0	27.36	291.2	25.81	288.3	25.16	282.6	24.50	276.8	23.19
	19.4	18.3	286.2	27.82	280.8	26.33	275.3	24.85	272.6	24.22	267.1	23.58	261.7	22.32
	14.0	13.1	262.2	26.20	257.2	24.81	252.2	23.41	249.7	22.81	244.7	22.21	239.7	21.01
	5.9	5.0	225.0	23.57	220.7	22.32	216.4	21.07	214.3	20.52	210.0	19.98	205.7	18.89
	-3.1	-4.0	185.1	20.76	181.5	19.66	178.0	18.56	176.3	18.07	172.7	17.59	169.2	16.62
	-9.0	-9.4	154.5	18.16	151.6	17.20	148.7	16.24	147.2	15.81	144.2	15.39	141.3	14.54
	-12.6	-13.0	134.2	16.32	131.6	15.45	129.1	14.59	127.8	14.20	125.2	13.82	122.7	13.05
	-17.3	-18.4	103.7	13.33	101.7	12.63	99.7	11.92	98.7	11.61	96.8	11.29	94.8	10.66
	-21.8	-22.0	83.3	11.17	81.7	10.58	80.1	9.99	79.3	9.72	77.8	9.46	76.2	8.93
70	59.0	56.7	317.5	26.46	311.5	25.03	305.4	23.61	302.4	23.03	296.4	22.45	290.3	21.28
	55.4	53.2	317.5	26.80	311.5	25.36	305.4	23.92	302.4	23.33	296.4	22.73	290.3	21.55
	51.8	49.6	317.5	27.17	311.5	25.72	305.4	24.26	302.4	23.66	296.4	23.05	290.3	21.85
	48.2	46.2	317.5	27.56	311.5	26.08	305.4	24.60	302.4	23.99	296.4	23.38	290.3	22.15
	47.0	43.0	317.5	27.94	311.5	26.44	305.4	24.94	302.4	24.32	296.4	23.70	290.3	22.45
	41.0	39.4	317.5	28.39	311.5	26.87	305.4	25.35	302.4	24.71	296.4	24.08	290.3	22.81
	36.5	35.0	317.5	28.97	311.5	27.42	305.4	25.87	302.4	25.22	296.4	24.57	290.3	23.27
	32.0	30.7	300.4	27.65	294.7	26.17	288.9	24.69	286.1	24.07	280.4	23.44	274.6	22.20
	26.6	25.3	278.7	25.92	273.4	24.53	268.1	23.15	265.4	22.56	260.1	21.98	254.8	20.81
	23.0	21.9	264.9	25.02	259.9	23.69	254.8	22.35	252.3	21.78	247.3	21.22	242.2	20.08
	19.4	18.3	250.4	24.09	245.7	22.80	240.9	21.52	238.5	20.97	233.7	20.42	229.0	19.32
	14.0	13.1	229.4	22.69	225.1	21.48	220.7	20.27	218.5	19.75	214.1	19.23	209.8	18.19
	5.9	5.0	196.9	20.41	193.1	19.33	189.4	18.24	187.5	17.77	183.7	17.30	180.0	16.36
	-3.1	-4.0	161.9	17.97	158.9	17.02	155.8	16.07	154.2	15.65	151.1	15.23	148.1	14.39
	-9.0	-9.4	135.2	15.73	132.6	14.89	130.1	14.06	128.8	13.69	126.2	13.32	123.6	12.59
	-12.6	-13.0	117.4	14.13	115.2	13.38	112.9	12.63	111.8	12.30	109.6	11.97	107.4	11.30
	-17.3	-18.4	90.7	11.54	89.0	10.93	87.3	10.32	86.4	10.05	84.7	9.78	82.9	9.23
	-21.8	-22.0	72.9	9.67	71.5	9.16	70.1	8.65	69.4	8.42	68.0	8.19	66.7	7.73

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP4081FT6P-UL/MMY-UP4081FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	482.0	41.63	472.8	39.40	463.6	37.16	459.0	36.24	449.8	35.33	440.6	33.49
	55.4	53.2	482.0	42.17	472.8	39.91	463.6	37.64	459.0	36.71	449.8	35.78	440.6	33.91
	51.8	49.6	482.0	42.77	472.8	40.47	463.6	38.18	459.0	37.23	449.8	36.28	440.6	34.38
	48.2	46.2	482.0	43.37	472.8	41.04	463.6	38.72	459.0	37.75	449.8	36.79	440.6	34.86
	47.0	43.0	482.0	43.97	472.8	41.61	463.6	39.26	459.0	38.28	449.8	37.30	440.6	35.34
	41.0	39.4	464.5	42.14	455.7	39.89	446.8	37.63	442.4	36.69	433.5	35.75	424.7	33.86
	36.5	35.0	443.7	39.98	435.2	37.84	426.8	35.70	422.6	34.80	414.1	33.90	405.7	32.11
	32.0	30.7	422.9	38.94	414.8	36.86	406.8	34.77	402.7	33.90	394.7	33.02	386.6	31.27
	26.6	25.3	396.8	37.65	389.3	35.64	381.7	33.62	377.9	32.77	370.4	31.92	362.8	30.22
	23.0	21.9	380.4	36.82	373.1	34.86	365.9	32.89	362.2	32.05	355.0	31.22	347.8	29.55
	19.4	18.3	363.0	35.94	356.1	34.03	349.2	32.11	345.7	31.29	338.8	30.47	331.9	28.84
	14.0	13.1	337.8	34.65	331.4	32.81	325.0	30.96	321.8	30.17	315.3	29.38	308.9	27.79
	5.9	5.0	298.8	32.60	293.1	30.87	287.4	29.14	284.6	28.38	278.9	27.63	273.2	26.13
	-3.1	-4.0	245.8	28.90	241.1	27.36	236.4	25.83	234.1	25.16	229.4	24.49	224.7	23.14
	-9.0	-9.4	209.1	25.75	205.2	24.39	201.2	23.02	199.2	22.42	195.2	21.82	191.2	20.61
	-12.6	-13.0	184.7	23.52	181.2	22.27	177.7	21.03	175.9	20.48	172.4	19.92	168.9	18.82
	-17.3	-18.4	148.1	19.92	145.2	18.87	142.4	17.82	141.0	17.34	138.2	16.87	135.4	15.93
	-21.8	-22.0	123.6	17.32	121.3	16.40	118.9	15.49	117.7	15.07	115.4	14.66	113.0	13.84
110	59.0	56.7	491.6	41.83	482.2	39.58	472.9	37.34	468.2	36.41	458.8	35.49	449.5	33.64
	55.4	53.2	491.6	42.37	482.2	40.09	472.9	37.82	468.2	36.88	458.8	35.94	449.5	34.07
	51.8	49.6	491.6	42.97	482.2	40.66	472.9	38.36	468.2	37.40	458.8	36.45	449.5	34.54
	48.2	46.2	491.6	43.57	482.2	41.23	472.9	38.90	468.2	37.93	458.8	36.96	449.5	35.02
	47.0	43.0	491.6	44.17	482.2	41.81	472.9	39.44	468.2	38.45	458.8	37.47	449.5	35.50
	41.0	39.4	473.8	42.34	464.8	40.07	455.7	37.80	451.2	36.86	442.2	35.91	433.2	34.02
	36.5	35.0	452.6	40.16	443.9	38.01	435.3	35.86	431.0	34.96	422.4	34.06	413.8	32.26
	32.0	30.7	431.3	39.12	423.1	37.03	414.9	34.94	410.8	34.05	402.6	33.17	394.3	31.41
	26.6	25.3	404.8	37.82	397.1	35.80	389.4	33.78	385.5	32.93	377.8	32.07	370.1	30.36
	23.0	21.9	388.0	36.99	380.6	35.02	373.2	33.04	369.5	32.20	362.1	31.37	354.7	29.69
	19.4	18.3	370.3	36.11	363.2	34.18	356.2	32.26	352.6	31.44	345.6	30.61	338.5	28.97
	14.0	13.1	344.6	34.82	338.0	32.96	331.5	31.10	328.2	30.31	321.6	29.51	315.1	27.92
	5.9	5.0	304.8	32.76	299.0	31.01	293.2	29.27	290.3	28.52	284.5	27.76	278.7	26.25
	-3.1	-4.0	250.7	29.03	245.9	27.49	241.2	25.95	238.8	25.27	234.0	24.60	229.2	23.25
	-9.0	-9.4	213.3	25.87	209.3	24.50	205.2	23.13	203.2	22.52	199.1	21.92	195.0	20.71
	-12.6	-13.0	188.4	23.63	184.8	22.38	181.2	21.13	179.4	20.57	175.8	20.02	172.3	18.90
	-17.3	-18.4	151.0	20.01	148.1	18.96	145.3	17.90	143.8	17.42	140.9	16.95	138.1	16.00
	-21.8	-22.0	126.1	17.40	123.7	16.48	121.3	15.56	120.1	15.14	117.7	14.73	115.3	13.90
120	59.0	56.7	506.0	42.42	496.4	40.14	486.8	37.86	482.0	36.93	472.3	35.99	462.7	34.12
	55.4	53.2	506.0	42.97	496.4	40.66	486.8	38.35	482.0	37.40	472.3	36.45	462.7	34.55
	51.8	49.6	506.0	43.57	496.4	41.24	486.8	38.90	482.0	37.93	472.3	36.97	462.7	35.03
	48.2	46.2	506.0	44.18	496.4	41.82	486.8	39.45	482.0	38.46	472.3	37.48	462.7	35.52
	47.0	43.0	506.0	44.80	496.4	42.40	486.8	40.00	482.0	39.00	472.3	38.00	462.7	36.00
	41.0	39.4	487.7	42.94	478.4	40.64	469.1	38.34	464.5	37.38	455.2	36.42	445.9	34.50
	36.5	35.0	465.9	40.73	457.0	38.55	448.1	36.37	443.7	35.46	434.8	34.54	425.9	32.72
	32.0	30.7	444.0	39.67	435.5	37.55	427.1	35.43	422.9	34.54	414.4	33.64	405.9	31.86
	26.6	25.3	416.7	38.36	408.7	36.31	400.8	34.26	396.8	33.39	388.9	32.53	381.0	30.79
	23.0	21.9	399.4	37.52	391.8	35.51	384.2	33.51	380.4	32.66	372.7	31.81	365.1	30.11
	19.4	18.3	381.2	36.62	373.9	34.67	366.6	32.71	363.0	31.88	355.7	31.05	348.5	29.38
	14.0	13.1	354.7	35.31	348.0	33.43	341.2	31.54	337.8	30.74	331.1	29.93	324.3	28.32
	5.9	5.0	313.7	33.22	307.8	31.45	301.8	29.69	298.8	28.92	292.8	28.15	286.9	26.62
	-3.1	-4.0	258.1	29.44	253.2	27.88	248.3	26.32	245.8	25.63	240.9	24.95	236.0	23.58
	-9.0	-9.4	219.6	26.24	215.4	24.85	211.2	23.46	209.1	22.84	205.0	22.23	200.8	21.00
	-12.6	-13.0	193.9	23.96	190.2	22.70	186.6	21.43	184.7	20.86	181.0	20.30	177.3	19.17
	-17.3	-18.4	155.5	20.30	152.5	19.22	149.5	18.15	148.1	17.67	145.1	17.19	142.1	16.23
	-21.8	-22.0	129.8	17.64	127.3	16.71	124.9	15.78	123.6	15.36	121.1	14.94	118.7	14.10
130	59.0	56.7	518.1	42.80	508.2	40.50	498.4	38.20	493.4	37.26	483.6	36.31	473.7	34.42
	55.4	53.2	518.1	43.35	508.2	41.02	498.4	38.69	493.4	37.73	483.6	36.78	473.7	34.86
	51.8	49.6	518.1	43.96	508.2	41.60	498.4	39.24	493.4	38.27	483.6	37.29	473.7	35.34
	48.2	46.2	518.1	44.58	508.2	42.19	498.4	39.80	493.4	38.80	483.6	37.81	473.7	35.83
	47.0	43.0	518.1	45.19	508.2	42.77	498.4	40.35	493.4	39.34	483.6	38.34	473.7	36.32
	41.0	39.4	499.3	43.32	489.8	41.00	480.3	38.68	475.6	37.71	466.1	36.74	456.5	34.81
	36.5	35.0	477.0	41.09	467.9	38.89	458.8	36.69	454.2	35.77	445.2	34.85	436.1	33.01
	32.0	30.7	454.6	40.02	445.9	37.88	437.3	35.74	432.9	34.84	424.3	33.94	415.6	32.14
	26.6	25.3	426.6	38.70	418.5	36.63	410.3	34.56	406.3	33.69	398.2	32.81	390.0	31.06
	23.0	21.9	408.9	37.85	401.1	35.83	393.3	33.81	389.4	32.95	381.6	32.09	373.8	30.37
	19.4	18.3	390.2	36.95	382.8	34.98	375.4	33.00	371.6	32.16	364.2	31.32	356.8	29.64
	14.0	13.1	363.2	35.62	356.3	33.72	349.3	31.82	345.9	31.01	339.0	30.20	332.1	28.57
	5.9	5.0	321.2	33.51	315.1	31.73	309.0	29.95	305.9	29.18	299.8	28.40	293.7	26.86
	-3.1	-4.0	264.2	29.70	259.2	28.13	254.2	26.55	251.6	25.86	246.6	25.17	241.6	23.79
	-9.0	-9.4	224.8	26.47	220.5	25.07	216.3	23.66	214.1	23.04	209.8	22.42	205.6	21.18
	-12.6	-13.0	198.6	24.18	194.8	22.90	191.0	21.62	189.1	21.05	185.3	20.48	181.5	19.34
	-17.3	-18.4	159.2	20.48	156.1	19.39	153.1	18.31	151.6	17.83	148.5	17.34	145.5	16.37
	-21.8	-22.0	132.9	17.80	130.4	16.86	127.8	15.92	126.6	15.49	124.0	15.07	121.5	14.22

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	433.8	37.07	425.5	35.08	417.2	33.09	413.1	32.27	404.8	31.45	396.6	29.82
	55.4	53.2	433.8	37.55	425.5	35.53	417.2	33.52	413.1	32.68	404.8	31.85	396.6	30.19
	51.8	49.6	433.8	38.08	425.5	36.03	417.2	33.99	413.1	33.15	404.8	32.30	396.6	30.61
	48.2	46.2	433.8	38.61	425.5	36.54	417.2	34.47	413.1	33.61	404.8	32.75	396.6	31.04
	47.0	43.0	433.8	39.15	425.5	37.05	417.2	34.95	413.1	34.08	404.8	33.21	396.6	31.46
	41.0	39.4	418.1	37.52	410.1	35.51	402.1	33.50	398.1	32.66	390.2	31.83	382.2	30.15
	36.5	35.0	399.3	35.59	391.7	33.69	384.1	31.78	380.3	30.98	372.7	30.19	365.1	28.59
	32.0	30.7	380.6	34.67	373.3	32.81	366.1	30.96	362.5	30.18	355.2	29.40	348.0	27.84
	26.6	25.3	357.2	33.52	350.4	31.73	343.5	29.94	340.1	29.18	333.3	28.42	326.5	26.91
	23.0	21.9	342.3	32.78	335.8	31.03	329.3	29.28	326.0	28.54	319.5	27.80	313.0	26.31
	19.4	18.3	326.7	32.00	320.5	30.29	314.3	28.59	311.1	27.86	304.9	27.13	298.7	25.68
	14.0	13.1	304.1	30.85	298.3	29.21	292.5	27.57	289.6	26.86	283.8	26.15	278.0	24.74
	5.9	5.0	268.9	29.03	263.8	27.49	258.7	25.94	256.1	25.27	251.0	24.60	245.9	23.26
	-3.1	-4.0	221.2	25.73	217.0	24.36	212.8	23.00	210.7	22.40	206.5	21.80	202.3	20.60
	-9.0	-9.4	188.2	22.93	184.6	21.71	181.1	20.50	179.3	19.96	175.7	19.42	172.1	18.35
	-12.6	-13.0	166.2	20.94	163.1	19.83	159.9	18.72	158.3	18.23	155.2	17.74	152.0	16.75
	-17.3	-18.4	133.2	17.74	130.7	16.80	128.2	15.86	126.9	15.44	124.4	15.02	121.8	14.18
	-21.8	-22.0	111.3	15.42	109.1	14.60	107.0	13.79	106.0	13.42	103.8	13.05	101.7	12.32
80	59.0	56.7	385.6	32.60	378.2	30.85	370.9	29.10	367.2	28.38	359.9	27.66	352.5	26.22
	55.4	53.2	385.6	33.02	378.2	31.25	370.9	29.48	367.2	28.74	359.9	28.01	352.5	26.55
	51.8	49.6	385.6	33.49	378.2	31.69	370.9	29.89	367.2	29.15	359.9	28.41	352.5	26.92
	48.2	46.2	385.6	33.96	378.2	32.14	370.9	30.32	367.2	29.56	359.9	28.81	352.5	27.30
	47.0	43.0	385.6	34.43	378.2	32.58	370.9	30.74	367.2	29.97	359.9	29.20	352.5	27.67
	41.0	39.4	371.6	33.00	364.5	31.23	357.4	29.46	353.9	28.73	346.8	27.99	339.8	26.51
	36.5	35.0	354.9	31.30	348.2	29.63	341.4	27.95	338.0	27.25	331.3	26.55	324.5	25.14
	32.0	30.7	338.3	30.49	331.8	28.86	325.4	27.23	322.2	26.54	315.7	25.86	309.3	24.48
	26.6	25.3	317.5	29.48	311.4	27.90	305.4	26.33	302.4	25.66	296.3	25.00	290.3	23.66
	23.0	21.9	304.3	28.83	298.5	27.29	292.7	25.75	289.8	25.10	284.0	24.45	278.2	23.14
	19.4	18.3	290.4	28.14	284.9	26.64	279.3	25.14	276.6	24.50	271.0	23.86	265.5	22.58
	14.0	13.1	270.3	27.13	265.1	25.69	260.0	24.24	257.4	23.62	252.3	23.00	247.1	21.76
	5.9	5.0	239.0	25.53	234.5	24.17	229.9	22.81	227.7	22.23	223.1	21.64	218.6	20.46
	-3.1	-4.0	196.6	22.63	192.9	21.43	189.1	20.23	187.3	19.70	183.5	19.17	179.8	18.12
	-9.0	-9.4	167.3	20.16	164.1	19.10	160.9	18.03	159.3	17.55	156.2	17.08	153.0	16.14
	-12.6	-13.0	147.8	18.42	145.0	17.44	142.1	16.47	140.7	16.03	137.9	15.60	135.1	14.73
	-17.3	-18.4	118.4	15.60	116.2	14.77	113.9	13.95	112.8	13.58	110.5	13.21	108.3	12.47
	-21.8	-22.0	98.9	13.56	97.0	12.84	95.1	12.13	94.2	11.80	92.3	11.48	90.4	10.84
70	59.0	56.7	337.4	28.23	330.9	26.71	324.5	25.19	321.3	24.57	314.9	23.95	308.4	22.70
	55.4	53.2	337.4	28.59	330.9	27.05	324.5	25.52	321.3	24.89	314.9	24.25	308.4	22.99
	51.8	49.6	337.4	28.99	330.9	27.44	324.5	25.88	321.3	25.24	314.9	24.60	308.4	23.31
	48.2	46.2	337.4	29.40	330.9	27.82	324.5	26.25	321.3	25.59	314.9	24.94	308.4	23.63
	47.0	43.0	337.4	29.81	330.9	28.21	324.5	26.61	321.3	25.95	314.9	25.28	308.4	23.96
	41.0	39.4	325.2	28.57	319.0	27.04	312.8	25.51	309.7	24.87	303.5	24.23	297.3	22.96
	36.5	35.0	310.6	27.10	304.7	25.65	298.7	24.20	295.8	23.59	289.9	22.98	284.0	21.77
	32.0	30.7	296.0	26.40	290.4	24.99	284.7	23.57	281.9	22.98	276.3	22.39	270.6	21.20
	26.6	25.3	277.8	25.52	272.5	24.16	267.2	22.80	264.6	22.22	259.3	21.64	254.0	20.49
	23.0	21.9	266.2	24.96	261.2	23.63	256.1	22.30	253.6	21.73	248.5	21.17	243.4	20.03
	19.4	18.3	254.1	24.37	249.3	23.07	244.4	21.77	242.0	21.21	237.2	20.66	232.3	19.55
	14.0	13.1	236.5	23.49	232.0	22.24	227.5	20.99	225.2	20.45	220.7	19.92	216.2	18.84
	5.9	5.0	209.2	22.10	205.2	20.93	201.2	19.75	199.2	19.24	195.2	18.73	191.2	17.71
	-3.1	-4.0	172.1	19.59	168.8	18.55	165.5	17.51	163.9	17.06	160.6	16.60	157.3	15.69
	-9.0	-9.4	146.4	17.46	143.6	16.53	140.8	15.61	139.4	15.20	136.6	14.79	133.9	13.97
	-12.6	-13.0	129.3	15.95	126.8	15.10	124.4	14.26	123.1	13.88	120.7	13.51	118.2	12.76
	-17.3	-18.4	103.6	13.51	101.7	12.79	99.7	12.08	98.7	11.76	96.7	11.44	94.8	10.80
	-21.8	-22.0	86.5	11.74	84.9	11.12	83.2	10.50	82.4	10.22	80.8	9.94	79.1	9.38

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4321FT6P-UL/MMY-UP4321FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	510.3	44.27	500.6	41.89	490.9	39.51	486.0	38.54	476.3	37.56	466.6	35.61
	55.4	53.2	510.3	44.84	500.6	42.43	490.9	40.02	486.0	39.03	476.3	38.04	466.6	36.06
	51.8	49.6	510.3	45.47	500.6	43.03	490.9	40.59	486.0	39.58	476.3	38.58	466.6	36.56
	48.2	46.2	510.3	46.11	500.6	43.64	490.9	41.17	486.0	40.14	476.3	39.12	466.6	37.06
	47.0	43.0	510.3	46.75	500.6	44.24	490.9	41.74	486.0	40.70	476.3	39.66	466.6	37.57
	41.0	39.4	491.8	45.00	482.5	42.41	473.1	40.01	468.4	39.01	459.0	38.01	449.7	36.00
	36.5	35.0	469.8	42.68	460.8	40.23	451.9	37.96	447.4	37.00	438.5	36.05	429.5	34.14
	32.0	30.7	447.7	41.40	439.2	39.19	430.7	36.97	426.4	36.04	417.9	35.11	409.4	33.25
	26.6	25.3	420.2	40.03	412.2	37.89	404.2	35.75	400.2	34.85	392.2	33.94	384.2	32.13
	23.0	21.9	402.7	39.15	395.1	37.06	387.4	34.97	383.6	34.08	375.9	33.20	368.2	31.42
	19.4	18.3	384.4	38.22	377.0	36.18	369.7	34.14	366.1	33.27	358.7	32.40	351.4	30.66
	14.0	13.1	357.7	36.85	350.9	34.88	344.1	32.92	340.7	32.08	333.9	31.23	327.1	29.55
	5.9	5.0	316.4	34.67	310.4	32.82	304.3	30.98	301.3	30.18	295.3	29.38	289.3	27.78
	-3.1	-4.0	260.3	30.73	255.3	29.10	250.3	27.46	247.9	26.75	242.9	26.03	237.9	24.60
	-9.0	-9.4	221.4	27.38	217.2	25.93	213.0	24.48	210.9	23.84	206.7	23.20	202.5	21.91
	-12.6	-13.0	195.6	25.01	191.8	23.68	188.1	22.36	186.3	21.77	182.5	21.18	178.8	20.01
	-17.3	-18.4	156.8	21.18	153.8	20.06	150.8	18.94	149.3	18.44	146.3	17.94	143.3	16.93
	-21.8	-22.0	130.9	18.41	128.4	17.44	125.9	16.47	124.7	16.03	122.2	15.59	119.7	14.71
110	59.0	56.7	520.5	44.47	510.6	42.09	500.7	39.70	495.7	38.72	485.8	37.73	475.9	35.77
	55.4	53.2	520.5	45.05	510.6	42.63	500.7	40.21	495.7	39.21	485.8	38.22	475.9	36.22
	51.8	49.6	520.5	45.68	510.6	43.23	500.7	40.78	495.7	39.77	485.8	38.76	475.9	36.73
	48.2	46.2	520.5	46.32	510.6	43.84	500.7	41.36	495.7	40.33	485.8	39.30	475.9	37.24
	47.0	43.0	520.5	46.97	510.6	44.45	500.7	41.93	495.7	40.89	485.8	39.84	475.9	37.75
	41.0	39.4	501.7	45.21	492.1	42.61	482.6	40.20	477.8	39.19	468.2	38.18	458.7	36.17
	36.5	35.0	479.2	42.88	470.1	40.42	460.9	38.13	456.4	37.17	447.2	36.22	438.1	34.30
	32.0	30.7	456.7	41.59	448.0	39.37	439.3	37.15	434.9	36.21	426.2	35.27	417.5	33.40
	26.6	25.3	428.6	40.22	420.4	38.07	412.3	35.92	408.2	35.01	400.0	34.10	391.8	32.28
	23.0	21.9	410.8	39.33	403.0	37.23	395.1	35.13	391.2	34.24	383.4	33.35	375.6	31.57
	19.4	18.3	392.0	38.40	384.6	36.35	377.1	34.30	373.4	33.43	365.9	32.55	358.4	30.80
	14.0	13.1	364.9	37.02	357.9	35.04	351.0	33.07	347.5	32.23	340.5	31.38	333.6	29.69
	5.9	5.0	322.7	34.83	316.6	32.98	310.4	31.12	307.3	30.32	301.2	29.52	295.1	27.91
	-3.1	-4.0	265.5	30.87	260.4	29.23	255.3	27.59	252.8	26.87	247.8	26.16	242.7	24.72
	-9.0	-9.4	225.9	27.51	221.6	26.05	217.3	24.59	215.1	23.95	210.8	23.30	206.5	22.02
	-12.6	-13.0	199.5	25.12	195.7	23.79	191.9	22.46	190.0	21.87	186.2	21.28	182.4	20.10
	-17.3	-18.4	159.9	21.28	156.9	20.16	153.8	19.03	152.3	18.53	149.2	18.02	146.2	17.01
	-21.8	-22.0	133.5	18.50	131.0	17.52	128.4	16.54	127.2	16.10	124.6	15.66	122.1	14.78
120	59.0	56.7	535.8	45.10	525.6	42.68	515.4	40.26	510.3	39.26	500.1	38.27	489.9	36.28
	55.4	53.2	535.8	45.68	525.6	43.23	515.4	40.78	510.3	39.77	500.1	38.76	489.9	36.74
	51.8	49.6	535.8	46.33	525.6	43.84	515.4	41.36	510.3	40.33	500.1	39.30	489.9	37.25
	48.2	46.2	535.8	46.98	525.6	44.46	515.4	41.94	510.3	40.90	500.1	39.85	489.9	37.76
	47.0	43.0	535.8	47.63	525.6	45.08	515.4	42.53	510.3	41.47	500.1	40.40	489.9	38.28
	41.0	39.4	516.4	45.85	506.6	43.21	496.7	40.77	491.8	39.74	482.0	38.72	472.2	36.68
	36.5	35.0	493.3	43.49	483.9	40.99	474.5	38.67	469.8	37.70	460.4	36.73	451.0	34.79
	32.0	30.7	470.1	42.18	461.2	39.93	452.2	37.67	447.7	36.72	438.8	35.77	429.8	33.87
	26.6	25.3	441.2	40.78	432.8	38.61	424.4	36.43	420.2	35.50	411.8	34.58	403.4	32.74
	23.0	21.9	422.9	39.89	414.8	37.76	406.8	35.63	402.7	34.73	394.7	33.82	386.6	32.01
	19.4	18.3	403.6	38.94	395.9	36.86	388.2	34.78	384.4	33.90	376.7	33.01	369.0	31.24
	14.0	13.1	375.6	37.54	368.5	35.54	361.3	33.54	357.7	32.68	350.6	31.82	343.4	30.11
	5.9	5.0	332.2	35.32	325.9	33.44	319.5	31.56	316.4	30.75	310.1	29.94	303.7	28.31
	-3.1	-4.0	273.3	31.31	268.1	29.64	262.9	27.98	260.3	27.25	255.0	26.53	249.8	25.07
	-9.0	-9.4	232.5	27.90	228.1	26.42	223.7	24.94	221.4	24.29	217.0	23.63	212.6	22.33
	-12.6	-13.0	205.4	25.48	201.4	24.13	197.5	22.78	195.6	22.18	191.7	21.58	187.7	20.38
	-17.3	-18.4	164.6	21.58	161.5	20.44	158.3	19.30	156.8	18.79	153.6	18.28	150.5	17.25
	-21.8	-22.0	137.4	18.76	134.8	17.77	132.2	16.78	130.9	16.33	128.3	15.88	125.7	14.99
130	59.0	56.7	548.6	45.50	538.1	43.06	527.7	40.62	522.5	39.61	512.0	38.61	501.6	36.60
	55.4	53.2	548.6	46.09	538.1	43.61	527.7	41.14	522.5	40.12	512.0	39.10	501.6	37.06
	51.8	49.6	548.6	46.74	538.1	44.23	527.7	41.73	522.5	40.69	512.0	39.65	501.6	37.58
	48.2	46.2	548.6	47.40	538.1	44.85	527.7	42.31	522.5	41.26	512.0	40.21	501.6	38.10
	47.0	43.0	548.6	48.05	538.1	45.48	527.7	42.90	522.5	41.83	512.0	40.76	501.6	38.62
	41.0	39.4	528.7	46.25	518.6	43.59	508.6	41.13	503.5	40.10	493.5	39.07	483.4	37.01
	36.5	35.0	505.0	43.88	495.4	41.35	485.8	39.01	481.0	38.03	471.3	37.05	461.7	35.09
	32.0	30.7	481.3	42.56	472.1	40.28	463.0	38.00	458.4	37.05	449.2	36.09	440.1	34.17
	26.6	25.3	451.7	41.15	443.1	38.95	434.5	36.75	430.2	35.82	421.6	34.89	413.0	33.03
	23.0	21.9	432.9	40.24	424.7	38.09	416.4	35.95	412.3	35.03	404.1	34.12	395.8	32.30
	19.4	18.3	413.2	39.28	405.3	37.19	397.4	35.09	393.5	34.20	385.6	33.30	377.8	31.52
	14.0	13.1	384.5	37.87	377.2	35.86	369.9	33.84	366.2	32.97	358.9	32.11	351.6	30.37
	5.9	5.0	340.1	35.63	333.6	33.74	327.2	31.84	323.9	31.02	317.4	30.20	311.0	28.56
	-3.1	-4.0	279.8	31.58	274.4	29.91	269.1	28.23	266.4	27.50	261.1	26.76	255.8	25.29
	-9.0	-9.4	238.1	28.14	233.5	26.65	229.0	25.16	226.7	24.50	222.2	23.84	217.6	22.52
	-12.6	-13.0	210.2	25.71	206.2	24.34	202.2	22.98	200.2	22.38	196.2	21.77	192.2	20.56
	-17.3	-18.4	168.5	21.77	165.3	20.62	162.1	19.47	160.5	18.95	157.3	18.44	154.1	17.41
	-21.8	-22.0	140.7	18.92	138.0	17.92	135.3	16.93	134.0	16.48	131.3	16.02	128.6	15.12

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	459.3	39.41	450.5	37.30	441.8	35.18	437.4	34.31	428.7	33.44	419.9	31.70
	55.4	53.2	459.3	39.92	450.5	37.78	441.8	35.64	437.4	34.75	428.7	33.87	419.9	32.10
	51.8	49.6	459.3	40.49	450.5	38.31	441.8	36.14	437.4	35.24	428.7	34.35	419.9	32.55
	48.2	46.2	459.3	41.05	450.5	38.85	441.8	36.65	437.4	35.74	428.7	34.83	419.9	33.00
	47.0	43.0	459.3	41.62	450.5	39.39	441.8	37.16	437.4	36.23	428.7	35.31	419.9	33.45
	41.0	39.4	442.6	40.07	434.2	37.76	425.8	35.62	421.6	34.73	413.1	33.84	404.7	32.06
	36.5	35.0	422.8	38.00	414.8	35.82	406.7	33.79	402.7	32.94	394.6	32.10	386.6	30.40
	32.0	30.7	403.0	36.86	395.3	34.89	387.6	32.92	383.8	32.09	376.1	31.26	368.4	29.60
	26.6	25.3	378.2	35.64	371.0	33.74	363.8	31.83	360.2	31.03	353.0	30.22	345.7	28.61
	23.0	21.9	362.5	34.86	355.6	33.00	348.6	31.14	345.2	30.35	338.3	29.56	331.4	27.97
	19.4	18.3	345.9	34.03	339.3	32.21	332.7	30.40	329.4	29.62	322.9	28.85	316.3	27.30
	14.0	13.1	321.9	32.81	315.8	31.06	309.7	29.31	306.6	28.56	300.5	27.81	294.4	26.31
	5.9	5.0	284.7	30.87	279.3	29.22	273.9	27.58	271.2	26.87	265.8	26.16	260.3	24.74
	-3.1	-4.0	234.2	27.36	229.8	25.91	225.3	24.45	223.1	23.82	218.6	23.18	214.2	21.91
	-9.0	-9.4	199.3	24.38	195.5	23.09	191.7	21.79	189.8	21.22	186.0	20.65	182.2	19.51
	-12.6	-13.0	176.0	22.27	172.7	21.09	169.3	19.91	167.6	19.38	164.3	18.86	160.9	17.81
	-17.3	-18.4	141.1	18.86	138.4	17.86	135.7	16.87	134.4	16.42	131.7	15.97	129.0	15.08
	-21.8	-22.0	117.8	16.39	115.6	15.53	113.3	14.66	112.2	14.27	109.9	13.88	107.7	13.10
80	59.0	56.7	408.2	34.66	400.5	32.80	392.7	30.94	388.8	30.18	381.0	29.41	373.2	27.88
	55.4	53.2	408.2	35.11	400.5	33.22	392.7	31.34	388.8	30.56	381.0	29.79	373.2	28.23
	51.8	49.6	408.2	35.61	400.5	33.70	392.7	31.79	388.8	31.00	381.0	30.21	373.2	28.63
	48.2	46.2	408.2	36.10	400.5	34.17	392.7	32.23	388.8	31.43	381.0	30.63	373.2	29.02
	47.0	43.0	408.2	36.61	400.5	34.64	392.7	32.68	388.8	31.87	381.0	31.05	373.2	29.42
	41.0	39.4	393.5	35.24	386.0	33.21	378.5	31.33	374.7	30.54	367.2	29.76	359.7	28.19
	36.5	35.0	375.8	33.42	368.7	31.50	361.5	29.72	357.9	28.97	350.8	28.23	343.6	26.73
	32.0	30.7	358.2	32.42	351.4	30.68	344.5	28.95	341.1	28.22	334.3	27.49	327.5	26.03
	26.6	25.3	336.1	31.34	329.7	29.67	323.3	27.99	320.1	27.29	313.7	26.58	307.3	25.16
	23.0	21.9	322.2	30.66	316.0	29.02	309.9	27.38	306.8	26.69	300.7	25.99	294.6	24.60
	19.4	18.3	307.5	29.92	301.6	28.33	295.8	26.73	292.8	26.05	287.0	25.37	281.1	24.01
	14.0	13.1	286.2	28.85	280.7	27.31	275.3	25.78	272.5	25.12	267.1	24.46	261.6	23.14
	5.9	5.0	253.1	27.14	248.3	25.70	243.5	24.26	241.1	23.63	236.2	23.01	231.4	21.75
	-3.1	-4.0	208.2	24.06	204.2	22.78	200.3	21.51	198.3	20.95	194.3	20.39	190.4	19.27
	-9.0	-9.4	177.2	21.44	173.8	20.30	170.4	19.17	168.7	18.67	165.3	18.16	162.0	17.16
	-12.6	-13.0	156.5	19.58	153.5	18.55	150.5	17.51	149.0	17.05	146.0	16.59	143.0	15.67
	-17.3	-18.4	125.4	16.59	123.0	15.71	120.6	14.83	119.4	14.44	117.1	14.05	114.7	13.26
	-21.8	-22.0	104.7	14.42	102.7	13.65	100.7	12.89	99.7	12.55	97.7	12.21	95.7	11.52
70	59.0	56.7	357.2	30.01	350.4	28.40	343.6	26.79	340.2	26.13	333.4	25.46	326.6	24.14
	55.4	53.2	357.2	30.40	350.4	28.77	343.6	27.13	340.2	26.46	333.4	25.79	326.6	24.44
	51.8	49.6	357.2	30.83	350.4	29.17	343.6	27.52	340.2	26.84	333.4	26.15	326.6	24.78
	48.2	46.2	357.2	31.26	350.4	29.58	343.6	27.91	340.2	27.21	333.4	26.52	326.6	25.13
	47.0	43.0	357.2	31.69	350.4	30.00	343.6	28.30	340.2	27.59	333.4	26.88	326.6	25.47
	41.0	39.4	344.3	30.51	337.7	28.75	331.2	27.12	327.9	26.45	321.3	25.77	314.8	24.41
	36.5	35.0	328.8	28.94	322.6	27.27	316.3	25.73	313.2	25.09	306.9	24.44	300.7	23.15
	32.0	30.7	313.4	28.07	307.4	26.57	301.5	25.07	298.5	24.43	292.5	23.80	286.6	22.54
	26.6	25.3	294.1	27.14	288.5	25.69	282.9	24.24	280.1	23.62	274.5	23.01	268.9	21.78
	23.0	21.9	281.9	26.54	276.5	25.13	271.2	23.71	268.5	23.11	263.1	22.50	257.7	21.30
	19.4	18.3	269.1	25.91	263.9	24.53	258.8	23.14	256.2	22.56	251.1	21.97	246.0	20.79
	14.0	13.1	250.4	24.98	245.6	23.65	240.9	22.32	238.5	21.75	233.7	21.18	228.9	20.03
	5.9	5.0	221.5	23.50	217.3	22.25	213.0	21.00	210.9	20.46	206.7	19.92	202.5	18.84
	-3.1	-4.0	182.2	20.83	178.7	19.73	175.2	18.62	173.5	18.13	170.0	17.65	166.6	16.68
	-9.0	-9.4	155.0	18.56	152.1	17.58	149.1	16.60	147.6	16.16	144.7	15.73	141.7	14.86
	-12.6	-13.0	136.9	16.95	134.3	16.06	131.7	15.16	130.4	14.76	127.8	14.36	125.2	13.56
	-17.3	-18.4	109.7	14.36	107.6	13.60	105.6	12.84	104.5	12.50	102.4	12.16	100.3	11.48
	-21.8	-22.0	91.6	12.48	89.9	11.82	88.1	11.16	87.3	10.87	85.5	10.57	83.8	9.97

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP4561FT6P-UL/MMY-UP4561FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	538.7	47.06	528.4	44.53	518.1	42.00	513.0	40.96	502.7	39.93	492.5	37.85
	55.4	53.2	538.7	47.66	528.4	45.10	518.1	42.55	513.0	41.49	502.7	40.44	492.5	38.33
	51.8	49.6	538.7	48.34	528.4	45.74	518.1	43.15	513.0	42.08	502.7	41.01	492.5	38.86
	48.2	46.2	538.7	49.01	528.4	46.39	518.1	43.76	513.0	42.67	502.7	41.58	492.5	39.40
	47.0	43.0	538.7	49.69	528.4	47.03	518.1	44.37	513.0	43.26	502.7	42.15	492.5	39.94
	41.0	39.4	519.2	47.63	509.3	45.08	499.4	42.53	494.4	41.47	484.5	40.40	474.7	38.27
	36.5	35.0	495.9	45.07	486.4	42.76	477.0	40.35	472.3	39.33	462.8	38.32	453.4	36.29
	32.0	30.7	472.6	44.01	463.6	41.66	454.6	39.30	450.1	38.31	441.1	37.32	432.1	35.34
	26.6	25.3	443.5	42.55	435.1	40.28	426.6	38.00	422.4	37.04	414.0	36.08	405.5	34.16
	23.0	21.9	425.1	41.62	417.0	39.40	408.9	37.17	404.9	36.23	396.8	35.29	388.7	33.40
	19.4	18.3	405.7	40.62	398.0	38.46	390.3	36.29	386.4	35.37	378.7	34.44	370.9	32.59
	14.0	13.1	377.6	39.17	370.4	37.08	363.2	34.99	359.6	34.10	352.4	33.20	345.2	31.41
	5.9	5.0	334.0	36.85	327.6	34.89	321.2	32.93	318.1	32.08	311.7	31.23	305.3	29.53
	-3.1	-4.0	274.7	32.66	269.5	30.93	264.2	29.19	261.6	28.43	256.4	27.67	251.2	26.15
	-9.0	-9.4	233.7	29.11	229.3	27.56	224.8	26.02	222.6	25.34	218.2	24.66	213.7	23.29
	-12.6	-13.0	206.4	26.58	202.5	25.18	198.6	23.77	196.6	23.14	192.7	22.52	188.7	21.27
	-17.3	-18.4	165.5	22.52	162.3	21.33	159.2	20.14	157.6	19.60	154.4	19.07	151.3	18.00
	-21.8	-22.0	138.2	19.57	135.5	18.54	132.9	17.50	131.6	17.04	129.0	16.57	126.3	15.64
110	59.0	56.7	549.4	47.28	539.0	44.74	528.5	42.20	523.3	41.16	512.8	40.11	502.3	38.02
	55.4	53.2	549.4	47.88	539.0	45.31	528.5	42.74	523.3	41.68	512.8	40.62	502.3	38.51
	51.8	49.6	549.4	48.56	539.0	45.96	528.5	43.35	523.3	42.27	512.8	41.20	502.3	39.04
	48.2	46.2	549.4	49.24	539.0	46.60	528.5	43.96	523.3	42.87	512.8	41.77	502.3	39.58
	47.0	43.0	549.4	49.93	539.0	47.25	528.5	44.58	523.3	43.46	512.8	42.35	502.3	40.12
	41.0	39.4	529.5	47.85	519.4	45.29	509.4	42.73	504.3	41.66	494.2	40.59	484.1	38.45
	36.5	35.0	505.8	45.28	496.2	42.96	486.5	40.53	481.7	39.52	472.1	38.50	462.4	36.46
	32.0	30.7	482.1	44.21	472.9	41.85	463.7	39.49	459.1	38.49	449.9	37.50	440.7	35.51
	26.6	25.3	452.4	42.75	443.8	40.46	435.2	38.18	430.9	37.21	422.2	36.25	413.6	34.32
	23.0	21.9	433.6	41.81	425.3	39.58	417.1	37.35	413.0	36.40	404.7	35.45	396.4	33.55
	19.4	18.3	413.8	40.81	405.9	38.64	398.1	36.46	394.1	35.53	386.2	34.60	378.4	32.75
	14.0	13.1	385.1	39.35	377.8	37.25	370.5	35.16	366.8	34.26	359.5	33.36	352.1	31.56
	5.9	5.0	340.6	37.02	334.2	35.05	327.7	33.08	324.4	32.23	317.9	31.38	311.4	29.67
	-3.1	-4.0	280.2	32.81	274.9	31.07	269.5	29.33	266.9	28.57	261.5	27.80	256.2	26.28
	-9.0	-9.4	238.4	29.24	233.9	27.69	229.3	26.14	227.1	25.46	222.5	24.77	218.0	23.40
	-12.6	-13.0	210.6	26.71	206.6	25.29	202.5	23.88	200.5	23.25	196.5	22.62	192.5	21.37
	-17.3	-18.4	168.8	22.62	165.6	21.42	162.4	20.23	160.7	19.69	157.5	19.16	154.3	18.09
	-21.8	-22.0	140.9	19.66	138.2	18.62	135.6	17.59	134.2	17.12	131.5	16.65	128.8	15.71
120	59.0	56.7	565.6	47.95	554.8	45.37	544.0	42.80	538.7	41.74	527.9	40.68	517.1	38.56
	55.4	53.2	565.6	48.56	554.8	45.96	544.0	43.35	538.7	42.27	527.9	41.20	517.1	39.05
	51.8	49.6	565.6	49.25	554.8	46.61	544.0	43.96	538.7	42.87	527.9	41.78	517.1	39.60
	48.2	46.2	565.6	49.94	554.8	47.26	544.0	44.58	538.7	43.47	527.9	42.36	517.1	40.14
	47.0	43.0	565.6	50.63	554.8	47.92	544.0	45.21	538.7	44.08	527.9	42.95	517.1	40.69
	41.0	39.4	545.1	48.53	534.7	45.93	524.3	43.33	519.2	42.25	508.8	41.16	498.4	38.99
	36.5	35.0	520.7	45.92	510.8	43.57	500.8	41.11	495.9	40.07	486.0	39.04	476.0	36.98
	32.0	30.7	496.2	44.84	486.8	42.44	477.3	40.04	472.6	39.03	463.2	38.03	453.7	36.01
	26.6	25.3	465.7	43.35	456.8	41.04	448.0	38.72	443.5	37.74	434.7	36.76	425.8	34.80
	23.0	21.9	446.4	42.40	437.9	40.14	429.4	37.87	425.1	36.91	416.6	35.95	408.1	34.03
	19.4	18.3	426.0	41.39	417.9	39.18	409.8	36.98	405.7	36.03	397.6	35.09	389.5	33.21
	14.0	13.1	396.5	39.91	388.9	37.78	381.4	35.65	377.6	34.74	370.0	33.83	362.5	32.00
	5.9	5.0	350.7	37.55	344.0	35.55	337.3	33.55	334.0	32.69	327.3	31.82	320.6	30.09
	-3.1	-4.0	288.4	33.28	283.0	31.51	277.5	29.75	274.7	28.97	269.2	28.20	263.7	26.65
	-9.0	-9.4	245.4	29.65	240.8	28.08	236.1	26.51	233.7	25.82	229.1	25.12	224.4	23.73
	-12.6	-13.0	216.8	27.08	212.6	25.65	208.5	24.22	206.4	23.58	202.3	22.94	198.2	21.67
	-17.3	-18.4	173.7	22.94	170.4	21.73	167.1	20.52	165.5	19.97	162.2	19.43	158.9	18.34
	-21.8	-22.0	145.1	19.94	142.3	18.89	139.5	17.83	138.2	17.36	135.4	16.88	132.6	15.94
130	59.0	56.7	579.0	48.37	568.0	45.77	557.0	43.17	551.5	42.11	540.4	41.04	529.4	38.90
	55.4	53.2	579.0	48.99	568.0	46.36	557.0	43.73	551.5	42.65	540.4	41.56	529.4	39.40
	51.8	49.6	579.0	49.68	568.0	47.02	557.0	44.35	551.5	43.25	540.4	42.15	529.4	39.95
	48.2	46.2	579.0	50.38	568.0	47.68	557.0	44.98	551.5	43.86	540.4	42.74	529.4	40.50
	47.0	43.0	579.0	51.08	568.0	48.34	557.0	45.61	551.5	44.47	540.4	43.33	529.4	41.05
	41.0	39.4	558.1	48.96	547.5	46.34	536.8	43.72	531.5	42.62	520.9	41.53	510.3	39.34
	36.5	35.0	533.1	46.32	522.9	43.96	512.8	41.47	507.7	40.43	497.5	39.39	487.4	37.31
	32.0	30.7	508.1	45.24	498.4	42.82	488.7	40.40	483.9	39.38	474.2	38.36	464.5	36.33
	26.6	25.3	476.8	43.74	467.7	41.40	458.6	39.06	454.1	38.08	445.0	37.09	435.9	35.11
	23.0	21.9	457.0	42.78	448.3	40.49	439.6	38.21	435.2	37.24	426.5	36.27	417.8	34.33
	19.4	18.3	436.1	41.76	427.8	39.53	419.5	37.30	415.4	36.35	407.1	35.40	398.8	33.50
	14.0	13.1	405.9	40.26	398.2	38.11	390.4	35.97	386.6	35.05	378.9	34.13	371.1	32.29
	5.9	5.0	359.0	37.88	352.2	35.86	345.3	33.85	341.9	32.98	335.1	32.10	328.2	30.36
	-3.1	-4.0	295.3	33.57	289.7	31.79	284.1	30.01	281.3	29.23	275.6	28.45	270.0	26.88
	-9.0	-9.4	251.3	29.92	246.5	28.33	241.7	26.75	239.3	26.05	234.5	25.34	229.7	23.94
	-12.6	-13.0	221.9	27.32	217.7	25.88	213.5	24.43	211.4	23.79	207.1	23.15	202.9	21.86
	-17.3	-18.4	177.9	23.14	174.5	21.92	171.1	20.70	169.4	20.15	166.0	19.60	162.6	18.50
	-21.8	-22.0	148.5	20.12	145.7	19.05	142.9	17.99	141.5	17.51	138.6	17.03	135.8	16.08

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	484.8	41.90	475.6	39.65	466.3	37.40	461.7	36.47	452.5	35.55	443.2	33.70
	55.4	53.2	484.8	42.44	475.6	40.16	466.3	37.88	461.7	36.94	452.5	36.00	443.2	34.12
	51.8	49.6	484.8	43.04	475.6	40.73	466.3	38.42	461.7	37.46	452.5	36.51	443.2	34.60
	48.2	46.2	484.8	43.64	475.6	41.30	466.3	38.96	461.7	37.99	452.5	37.02	443.2	35.08
	47.0	43.0	484.8	44.25	475.6	41.87	466.3	39.50	461.7	38.52	452.5	37.53	443.2	35.56
	41.0	39.4	467.2	42.41	458.3	40.14	449.4	37.87	445.0	36.92	436.1	35.97	427.2	34.08
	36.5	35.0	446.3	40.12	437.8	38.07	429.3	35.92	425.0	35.02	416.5	34.12	408.0	32.31
	32.0	30.7	425.4	39.18	417.2	37.09	409.1	34.99	405.1	34.11	397.0	33.23	388.9	31.47
	26.6	25.3	399.2	37.88	391.6	35.86	384.0	33.84	380.2	32.98	372.6	32.12	365.0	30.41
	23.0	21.9	382.6	37.05	375.3	35.08	368.0	33.10	364.4	32.26	357.1	31.42	349.8	29.74
	19.4	18.3	365.1	36.17	358.2	34.24	351.2	32.31	347.8	31.49	340.8	30.67	333.8	29.02
	14.0	13.1	339.8	34.87	333.4	33.01	326.9	31.16	323.7	30.36	317.2	29.56	310.7	27.97
	5.9	5.0	300.6	32.81	294.8	31.06	289.1	29.32	286.3	28.56	280.5	27.81	274.8	26.29
	-3.1	-4.0	247.2	29.08	242.5	27.54	237.8	25.99	235.5	25.32	230.8	24.64	226.0	23.29
	-9.0	-9.4	210.4	25.91	206.4	24.54	202.4	23.17	200.4	22.56	196.3	21.95	192.3	20.74
	-12.6	-13.0	185.8	23.67	182.3	22.42	178.7	21.16	176.9	20.61	173.4	20.05	169.9	18.93
	-17.3	-18.4	148.9	20.05	146.1	18.99	143.3	17.93	141.8	17.45	139.0	16.98	136.2	16.03
	-21.8	-22.0	124.3	17.42	122.0	16.50	119.6	15.58	118.4	15.17	116.1	14.75	113.7	13.92
80	59.0	56.7	430.9	36.85	422.7	34.87	414.5	32.89	410.4	32.08	402.2	31.26	394.0	29.64
	55.4	53.2	430.9	37.32	422.7	35.32	414.5	33.31	410.4	32.49	402.2	31.66	394.0	30.01
	51.8	49.6	430.9	37.85	422.7	35.82	414.5	33.79	410.4	32.95	402.2	32.11	394.0	30.43
	48.2	46.2	430.9	38.38	422.7	36.32	414.5	34.26	410.4	33.41	402.2	32.56	394.0	30.85
	47.0	43.0	430.9	38.91	422.7	36.83	414.5	34.74	410.4	33.87	402.2	33.01	394.0	31.27
	41.0	39.4	415.3	37.30	407.4	35.30	399.5	33.30	395.5	32.47	387.6	31.63	379.7	29.97
	36.5	35.0	396.7	35.29	389.1	33.48	381.6	31.59	377.8	30.80	370.3	30.00	362.7	28.42
	32.0	30.7	378.1	34.46	370.9	32.62	363.7	30.77	360.1	30.00	352.9	29.22	345.7	27.67
	26.6	25.3	354.8	33.32	348.1	31.54	341.3	29.76	337.9	29.00	331.2	28.25	324.4	26.75
	23.0	21.9	340.1	32.59	333.6	30.85	327.1	29.11	323.9	28.37	317.4	27.63	310.9	26.15
	19.4	18.3	324.6	31.81	318.4	30.11	312.2	28.42	309.1	27.69	302.9	26.97	296.7	25.52
	14.0	13.1	302.1	30.67	296.3	29.03	290.6	27.40	287.7	26.70	281.9	26.00	276.2	24.60
	5.9	5.0	267.2	28.85	262.1	27.32	257.0	25.79	254.4	25.12	249.4	24.45	244.3	23.12
	-3.1	-4.0	219.8	25.57	215.6	24.22	211.4	22.86	209.3	22.26	205.1	21.67	200.9	20.48
	-9.0	-9.4	187.0	22.79	183.4	21.58	179.9	20.37	178.1	19.84	174.5	19.31	171.0	18.24
	-12.6	-13.0	165.2	20.82	162.0	19.71	158.9	18.61	157.3	18.12	154.1	17.63	151.0	16.65
	-17.3	-18.4	132.4	17.63	129.9	16.70	127.3	15.77	126.1	15.35	123.6	14.93	121.0	14.10
	-21.8	-22.0	110.5	15.32	108.4	14.51	106.3	13.71	105.3	13.34	103.2	12.98	101.1	12.25
70	59.0	56.7	377.1	31.90	369.9	30.19	362.7	28.48	359.1	27.77	351.9	27.07	344.7	25.66
	55.4	53.2	377.1	32.31	369.9	30.58	362.7	28.84	359.1	28.13	351.9	27.41	344.7	25.98
	51.8	49.6	377.1	32.77	369.9	31.01	362.7	29.25	359.1	28.53	351.9	27.80	344.7	26.35
	48.2	46.2	377.1	33.23	369.9	31.45	362.7	29.67	359.1	28.93	351.9	28.19	344.7	26.71
	47.0	43.0	377.1	33.69	369.9	31.88	362.7	30.08	359.1	29.33	351.9	28.58	344.7	27.08
	41.0	39.4	363.4	32.29	356.5	30.56	349.6	28.83	346.1	28.11	339.2	27.39	332.3	25.95
	36.5	35.0	347.1	30.55	340.5	28.99	333.9	27.35	330.6	26.67	324.0	25.98	317.4	24.60
	32.0	30.7	330.8	29.84	324.5	28.24	318.2	26.64	315.1	25.97	308.8	25.30	302.5	23.96
	26.6	25.3	310.5	28.85	304.6	27.31	298.6	25.76	295.7	25.11	289.8	24.46	283.9	23.16
	23.0	21.9	297.6	28.21	291.9	26.71	286.2	25.20	283.4	24.56	277.7	23.92	272.1	22.64
	19.4	18.3	284.0	27.54	278.6	26.07	273.2	24.60	270.5	23.98	265.1	23.35	259.7	22.10
	14.0	13.1	264.3	26.55	259.3	25.14	254.2	23.72	251.7	23.12	246.7	22.51	241.7	21.29
	5.9	5.0	233.8	24.98	229.3	23.65	224.9	22.33	222.6	21.75	218.2	21.17	213.7	20.02
	-3.1	-4.0	192.3	22.14	188.6	20.97	185.0	19.79	183.1	19.28	179.5	18.76	175.8	17.73
	-9.0	-9.4	163.6	19.73	160.5	18.69	157.4	17.64	155.8	17.18	152.7	16.72	149.6	15.79
	-12.6	-13.0	144.5	18.02	141.8	17.07	139.0	16.11	137.6	15.69	134.9	15.27	132.1	14.42
	-17.3	-18.4	115.8	15.26	113.6	14.46	111.4	13.65	110.3	13.29	108.1	12.93	105.9	12.20
	-21.8	-22.0	96.7	13.27	94.9	12.57	93.0	11.87	92.1	11.55	90.3	11.23	88.4	10.60

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4801FT6P-UL/MMY-UP4801FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	567.0	50.39	556.2	47.68	545.4	44.97	540.0	43.86	529.2	42.75	518.4	40.53
	55.4	53.2	567.0	51.03	556.2	48.29	545.4	45.56	540.0	44.43	529.2	43.30	518.4	41.04
	51.8	49.6	567.0	51.75	556.2	48.98	545.4	46.20	540.0	45.05	529.2	43.91	518.4	41.61
	48.2	46.2	567.0	52.48	556.2	49.46	545.4	46.85	540.0	45.69	529.2	44.52	518.4	42.19
	47.0	43.0	567.0	52.55	556.2	49.46	545.4	47.51	540.0	46.32	529.2	45.13	518.4	42.76
	41.0	39.4	546.5	49.57	536.1	48.27	525.7	45.54	520.5	44.40	510.0	43.26	499.6	40.98
	36.5	35.0	522.0	46.07	512.0	45.79	502.1	43.20	497.1	42.11	487.2	41.03	477.2	38.86
	32.0	30.7	497.5	46.29	488.0	44.60	478.5	42.08	473.8	41.02	464.3	39.96	454.8	37.84
	26.6	25.3	466.9	45.56	458.0	43.13	449.1	40.69	444.6	39.66	435.7	38.63	426.9	36.57
	23.0	21.9	447.5	44.56	439.0	42.18	430.4	39.80	426.2	38.79	417.6	37.78	409.1	35.76
	19.4	18.3	427.1	43.50	418.9	41.18	410.8	38.86	406.7	37.87	398.6	36.88	390.5	34.90
	14.0	13.1	397.5	41.94	389.9	39.70	382.3	37.47	378.5	36.51	371.0	35.55	363.4	33.63
	5.9	5.0	351.5	39.46	344.8	37.36	338.1	35.26	334.8	34.35	328.1	33.44	321.4	31.62
	-3.1	-4.0	289.2	34.97	283.7	33.12	278.2	31.26	275.4	30.45	269.9	29.63	264.4	28.00
	-9.0	-9.4	246.0	31.16	241.4	29.51	236.7	27.86	234.3	27.13	229.6	26.40	225.0	24.94
	-12.6	-13.0	217.3	28.46	213.2	26.96	209.0	25.45	207.0	24.78	202.8	24.11	198.7	22.77
	-17.3	-18.4	174.2	24.11	170.9	22.83	167.5	21.56	165.9	20.99	162.6	20.42	159.3	19.27
	-21.8	-22.0	145.4	20.95	142.7	19.85	139.9	18.74	138.5	18.24	135.7	17.74	133.0	16.75
110	59.0	56.7	578.3	50.62	567.3	47.90	556.3	45.18	550.8	44.07	539.8	42.95	528.8	40.71
	55.4	53.2	578.3	51.27	567.3	48.52	556.3	45.77	550.8	44.63	539.8	43.50	528.8	41.23
	51.8	49.6	578.3	52.00	567.3	49.21	556.3	46.42	550.8	45.26	539.8	44.11	528.8	41.80
	48.2	46.2	578.3	52.73	567.3	49.69	556.3	47.07	550.8	45.90	539.8	44.73	528.8	42.38
	47.0	43.0	578.3	52.79	567.3	49.69	556.3	47.73	550.8	46.54	539.8	45.34	528.8	42.96
	41.0	39.4	557.4	49.80	546.8	48.49	536.2	45.75	530.9	44.61	520.2	43.46	509.6	41.17
	36.5	35.0	532.4	46.29	522.3	46.00	512.1	43.40	507.1	42.31	496.9	41.22	486.8	39.04
	32.0	30.7	507.4	46.50	497.8	44.81	488.1	42.28	483.3	41.21	473.6	40.15	463.9	38.02
	26.6	25.3	476.2	45.77	467.1	43.33	458.1	40.88	453.5	39.85	444.5	38.81	435.4	36.74
	23.0	21.9	456.4	44.77	447.7	42.38	439.0	39.99	434.7	38.97	426.0	37.96	417.3	35.93
	19.4	18.3	435.6	43.70	427.3	41.37	419.0	39.04	414.9	38.04	406.6	37.05	398.3	35.06
	14.0	13.1	405.4	42.13	397.7	39.89	390.0	37.64	386.1	36.68	378.4	35.72	370.7	33.79
	5.9	5.0	358.6	39.64	351.7	37.53	344.9	35.42	341.5	34.51	334.7	33.60	327.8	31.77
	-3.1	-4.0	295.0	35.13	289.3	33.27	283.7	31.41	280.9	30.59	275.3	29.77	269.7	28.13
	-9.0	-9.4	251.0	31.31	246.2	29.65	241.4	27.99	239.0	27.26	234.2	26.52	229.5	25.06
	-12.6	-13.0	221.6	28.60	217.4	27.08	213.2	25.57	211.1	24.90	206.9	24.22	202.7	22.88
	-17.3	-18.4	177.7	24.22	174.3	22.94	170.9	21.66	169.2	21.09	165.8	20.51	162.4	19.36
	-21.8	-22.0	148.3	21.05	145.5	19.94	142.7	18.83	141.3	18.33	138.5	17.83	135.6	16.82
120	59.0	56.7	595.4	51.34	584.0	48.58	572.7	45.82	567.0	44.69	555.7	43.56	544.3	41.29
	55.4	53.2	595.4	52.00	584.0	49.21	572.7	46.41	567.0	45.26	555.7	44.11	544.3	41.81
	51.8	49.6	595.4	52.73	584.0	49.90	572.7	47.07	567.0	45.90	555.7	44.73	544.3	42.40
	48.2	46.2	595.4	53.47	584.0	50.39	572.7	47.74	567.0	46.55	555.7	45.36	544.3	42.98
	47.0	43.0	595.4	53.54	584.0	50.39	572.7	48.40	567.0	47.19	555.7	45.99	544.3	43.57
	41.0	39.4	573.8	50.50	562.9	49.18	551.9	46.40	546.5	45.24	535.5	44.07	524.6	41.75
	36.5	35.0	548.1	46.94	537.6	46.65	527.2	44.01	522.0	42.91	511.5	41.80	501.1	39.59
	32.0	30.7	522.4	47.16	512.4	45.44	502.5	42.88	497.5	41.80	487.5	40.72	477.6	38.55
	26.6	25.3	490.2	46.42	480.9	43.94	471.5	41.46	466.9	40.41	457.5	39.36	448.2	37.26
	23.0	21.9	469.9	45.40	460.9	42.98	452.0	40.55	447.5	39.52	438.5	38.49	429.6	36.44
	19.4	18.3	448.4	44.32	439.9	41.95	431.3	39.59	427.1	38.58	418.5	37.57	410.0	35.56
	14.0	13.1	417.3	42.73	409.4	40.45	401.4	38.17	397.5	37.20	389.5	36.22	381.6	34.27
	5.9	5.0	369.1	40.20	362.1	38.06	355.1	35.93	351.5	35.00	344.5	34.07	337.5	32.22
	-3.1	-4.0	303.6	35.63	297.8	33.74	292.1	31.85	289.2	31.02	283.4	30.19	277.6	28.53
	-9.0	-9.4	258.4	31.75	253.4	30.07	248.5	28.39	246.0	27.64	241.1	26.90	236.2	25.41
	-12.6	-13.0	228.2	29.00	223.8	27.47	219.5	25.93	217.3	25.25	213.0	24.57	208.6	23.20
	-17.3	-18.4	182.9	24.56	179.4	23.26	175.9	21.97	174.2	21.38	170.7	20.80	167.2	19.64
	-21.8	-22.0	152.7	21.35	149.8	20.22	146.9	19.10	145.4	18.59	142.5	18.08	139.6	17.06
130	59.0	56.7	609.5	51.79	597.9	49.01	586.3	46.23	580.5	45.09	568.9	43.94	557.3	41.66
	55.4	53.2	609.5	52.46	597.9	49.64	586.3	46.83	580.5	45.67	568.9	44.50	557.3	42.18
	51.8	49.6	609.5	53.20	597.9	50.34	586.3	47.49	580.5	46.31	568.9	45.13	557.3	42.77
	48.2	46.2	609.5	53.95	597.9	50.84	586.3	48.16	580.5	46.96	568.9	45.76	557.3	43.36
	47.0	43.0	609.5	54.02	597.9	50.84	586.3	48.83	580.5	47.61	568.9	46.39	557.3	43.96
	41.0	39.4	587.5	50.95	576.3	49.62	565.1	46.81	559.5	45.64	548.3	44.47	537.1	42.12
	36.5	35.0	561.1	47.36	550.4	47.07	539.8	44.40	534.4	43.29	523.7	42.17	513.0	39.94
	32.0	30.7	534.8	47.58	524.6	45.85	514.4	43.26	509.3	42.17	499.1	41.08	489.0	38.90
	26.6	25.3	501.9	46.83	492.3	44.33	482.8	41.83	478.0	40.77	468.4	39.71	458.9	37.59
	23.0	21.9	481.0	45.80	471.9	43.36	462.7	40.91	458.1	39.87	449.0	38.84	439.8	36.76
	19.4	18.3	459.1	44.71	450.3	42.33	441.6	39.94	437.2	38.92	428.5	37.91	419.7	35.87
	14.0	13.1	427.3	43.11	419.1	40.81	411.0	38.51	406.9	37.53	398.8	36.54	390.7	34.57
	5.9	5.0	377.9	40.56	370.7	38.40	363.5	36.24	359.9	35.31	352.7	34.37	345.5	32.50
	-3.1	-4.0	310.9	35.95	304.9	34.04	299.0	32.13	296.1	31.29	290.1	30.46	284.2	28.78
	-9.0	-9.4	264.5	32.03	259.5	30.34	254.4	28.64	251.9	27.89	246.9	27.14	241.8	25.64
	-12.6	-13.0	233.6	29.26	229.2	27.71	224.7	26.16	222.5	25.47	218.0	24.78	213.6	23.41
	-17.3	-18.4	187.2	24.78	183.7	23.47	180.1	22.16	178.3	21.57	174.8	20.99	171.2	19.81
	-21.8	-22.0	156.3	21.54	153.4	20.40	150.4	19.26	148.9	18.75	145.9	18.24	142.9	17.21

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	510.3	44.86	500.6	42.45	490.9	40.04	486.0	39.05	476.3	38.06	466.6	36.08
	55.4	53.2	510.3	45.44	500.6	43.00	490.9	40.56	486.0	39.55	476.3	38.55	466.6	36.54
	51.8	49.6	510.3	46.08	500.6	43.61	490.9	41.14	486.0	40.11	476.3	39.09	466.6	37.05
	48.2	46.2	510.3	46.73	500.6	44.04	490.9	41.72	486.0	40.68	476.3	39.64	466.6	37.56
	47.0	43.0	510.3	46.79	500.6	44.04	490.9	42.30	486.0	41.24	476.3	40.19	466.6	38.07
	41.0	39.4	491.8	44.13	482.5	42.98	473.1	40.54	468.4	39.53	459.0	38.52	449.7	36.49
	36.5	35.0	469.8	41.02	460.8	40.77	451.9	38.46	447.4	37.50	438.5	36.53	429.5	34.60
	32.0	30.7	447.7	41.21	439.2	39.71	430.7	37.47	426.4	36.52	417.9	35.58	409.4	33.69
	26.6	25.3	420.2	40.56	412.2	38.40	404.2	36.23	400.2	35.31	392.2	34.40	384.2	32.56
	23.0	21.9	402.7	39.67	395.1	37.56	387.4	35.44	383.6	34.54	375.9	33.64	368.2	31.84
	19.4	18.3	384.4	38.73	377.0	36.66	369.7	34.60	366.1	33.72	358.7	32.83	351.4	31.07
	14.0	13.1	357.7	37.34	350.9	35.35	344.1	33.36	340.7	32.51	333.9	31.65	327.1	29.94
	5.9	5.0	316.4	35.13	310.4	33.26	304.3	31.39	301.3	30.58	295.3	29.77	289.3	28.15
	-3.1	-4.0	260.3	31.14	255.3	29.48	250.3	27.83	247.9	27.11	242.9	26.38	237.9	24.93
	-9.0	-9.4	221.4	27.75	217.2	26.28	213.0	24.81	210.9	24.16	206.7	23.51	202.5	22.21
	-12.6	-13.0	195.6	25.34	191.8	24.00	188.1	22.66	186.3	22.06	182.5	21.47	178.8	20.27
	-17.3	-18.4	156.8	21.46	153.8	20.33	150.8	19.20	149.3	18.69	146.3	18.18	143.3	17.16
	-21.8	-22.0	130.9	18.66	128.4	17.67	125.9	16.69	124.7	16.24	122.2	15.80	119.7	14.91
80	59.0	56.7	453.6	39.45	445.0	37.33	436.3	35.22	432.0	34.34	423.4	33.47	414.7	31.73
	55.4	53.2	453.6	39.96	445.0	37.82	436.3	35.67	432.0	34.79	423.4	33.90	414.7	32.13
	51.8	49.6	453.6	40.52	445.0	38.35	436.3	36.18	432.0	35.28	423.4	34.38	414.7	32.58
	48.2	46.2	453.6	41.09	445.0	38.73	436.3	36.69	432.0	35.77	423.4	34.86	414.7	33.03
	47.0	43.0	453.6	41.15	445.0	38.73	436.3	37.20	432.0	36.27	423.4	35.34	414.7	33.48
	41.0	39.4	437.2	38.81	428.9	37.80	420.5	35.66	416.4	34.76	408.0	33.87	399.7	32.09
	36.5	35.0	417.6	36.08	409.6	35.85	401.7	33.83	397.7	32.98	389.7	32.13	381.8	30.43
	32.0	30.7	398.0	36.25	390.4	34.92	382.8	32.95	379.0	32.12	371.5	31.29	363.9	29.63
	26.6	25.3	373.5	35.67	366.4	33.77	359.3	31.86	355.7	31.06	348.6	30.25	341.5	28.64
	23.0	21.9	358.0	34.89	351.2	33.03	344.3	31.17	340.9	30.37	334.1	29.58	327.3	28.00
	19.4	18.3	341.7	34.06	335.1	32.24	328.6	30.43	325.4	29.65	318.9	28.88	312.4	27.33
	14.0	13.1	318.0	32.84	311.9	31.09	305.9	29.34	302.8	28.59	296.8	27.84	290.7	26.33
	5.9	5.0	281.2	30.90	275.9	29.25	270.5	27.61	267.8	26.90	262.5	26.18	257.1	24.76
	-3.1	-4.0	231.3	27.38	226.9	25.93	222.5	24.48	220.3	23.84	215.9	23.20	211.5	21.93
	-9.0	-9.4	196.8	24.40	193.1	23.11	189.3	21.82	187.5	21.24	183.7	20.67	180.0	19.53
	-12.6	-13.0	173.8	22.29	170.5	21.11	167.2	19.93	165.6	19.40	162.3	18.88	158.9	17.83
	-17.3	-18.4	139.3	18.88	136.7	17.88	134.0	16.88	132.7	16.43	130.1	15.99	127.4	15.09
	-21.8	-22.0	116.3	16.41	114.1	15.54	111.9	14.68	110.8	14.28	108.6	13.89	106.4	13.11
70	59.0	56.7	396.9	34.16	389.3	32.32	381.8	30.49	378.0	29.74	370.4	28.98	362.9	27.47
	55.4	53.2	396.9	34.60	389.3	32.74	381.8	30.88	378.0	30.12	370.4	29.35	362.9	27.82
	51.8	49.6	396.9	35.09	389.3	33.20	381.8	31.32	378.0	30.54	370.4	29.77	362.9	28.21
	48.2	46.2	396.9	35.58	389.3	33.53	381.8	31.76	378.0	30.97	370.4	30.18	362.9	28.60
	47.0	43.0	396.9	35.63	389.3	33.53	381.8	32.21	378.0	31.40	370.4	30.60	362.9	28.99
	41.0	39.4	382.5	33.60	375.2	32.72	368.0	30.87	364.3	30.10	357.0	29.33	349.7	27.78
	36.5	35.0	365.4	31.24	358.4	31.04	351.5	29.29	348.0	28.55	341.0	27.82	334.1	26.34
	32.0	30.7	348.2	31.38	341.6	30.24	335.0	28.53	331.7	27.81	325.0	27.09	318.4	25.65
	26.6	25.3	326.8	30.89	320.6	29.24	314.4	27.59	311.2	26.89	305.0	26.19	298.8	24.79
	23.0	21.9	313.2	30.21	307.3	28.60	301.3	26.98	298.3	26.30	292.4	25.61	286.4	24.24
	19.4	18.3	298.9	29.49	293.3	27.92	287.6	26.34	284.7	25.67	279.0	25.00	273.3	23.66
	14.0	13.1	278.2	28.43	272.9	26.92	267.6	25.40	265.0	24.75	259.7	24.10	254.4	22.80
	5.9	5.0	246.1	26.75	241.4	25.33	236.7	23.90	234.4	23.29	229.7	22.67	225.0	21.44
	-3.1	-4.0	202.4	23.71	198.6	22.45	194.7	21.19	192.8	20.64	188.9	20.09	185.1	18.98
	-9.0	-9.4	172.2	21.13	169.0	20.01	165.7	18.89	164.0	18.39	160.8	17.90	157.5	16.91
	-12.6	-13.0	152.1	19.30	149.2	18.28	146.3	17.25	144.9	16.80	142.0	16.35	139.1	15.44
	-17.3	-18.4	121.9	16.34	119.6	15.48	117.3	14.62	116.1	14.23	113.8	13.84	111.5	13.07
	-21.8	-22.0	101.8	14.21	99.9	13.46	97.9	12.71	97.0	12.37	95.0	12.03	93.1	11.35

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP5041FT6P-UL/MMY-UP5041FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	595.4	53.63	584.0	50.94	572.7	48.05	567.0	46.86	555.7	45.67	544.3	43.30
	55.4	53.2	595.4	53.64	584.0	51.31	572.7	48.67	567.0	47.46	555.7	46.26	544.3	43.84
	51.8	49.6	595.4	53.65	584.0	51.68	572.7	49.36	567.0	48.13	555.7	46.91	544.3	44.46
	48.2	46.2	595.4	53.66	584.0	52.04	572.7	50.06	567.0	48.81	555.7	47.56	544.3	45.07
	47.0	43.0	595.4	53.70	584.0	52.17	572.7	50.75	567.0	49.49	555.7	48.22	544.3	45.69
	41.0	39.4	573.8	50.65	562.9	49.79	551.9	48.65	546.5	47.43	535.5	46.22	524.6	43.78
	36.5	35.0	548.1	47.08	537.6	46.60	527.2	46.15	522.0	44.99	511.5	43.83	501.1	41.52
	32.0	30.7	522.4	47.30	512.4	47.30	502.5	44.96	497.5	43.83	487.5	42.69	477.6	40.43
	26.6	25.3	490.2	47.69	480.9	46.07	471.5	43.47	466.9	42.37	457.5	41.27	448.2	39.07
	23.0	21.9	469.9	47.61	460.9	45.07	452.0	42.52	447.5	41.44	438.5	40.36	429.6	38.21
	19.4	18.3	448.4	46.47	439.9	43.99	431.3	41.51	427.1	40.46	418.5	39.40	410.0	37.28
	14.0	13.1	417.3	44.80	409.4	42.42	401.4	40.03	397.5	39.00	389.5	37.98	381.6	35.93
	5.9	5.0	369.1	42.15	362.1	39.91	355.1	37.67	351.5	36.70	344.5	35.73	337.5	33.78
	-3.1	-4.0	303.6	37.36	297.8	35.38	292.1	33.40	289.2	32.53	283.4	31.66	277.6	29.92
	-9.0	-9.4	258.4	33.29	253.4	31.53	248.5	29.77	246.0	28.99	241.1	28.21	236.2	26.65
	-12.6	-13.0	228.2	30.41	223.8	28.80	219.5	27.19	217.3	26.47	213.0	25.76	208.6	24.33
	-17.3	-18.4	182.9	25.76	179.4	24.39	175.9	23.03	174.2	22.42	170.7	21.81	167.2	20.59
	-21.8	-22.0	152.7	22.39	149.8	21.21	146.9	20.02	145.4	19.49	142.5	18.96	139.6	17.89
110	59.0	56.7	607.3	53.88	595.7	51.18	584.1	48.27	578.3	47.08	566.8	45.89	555.2	43.50
	55.4	53.2	607.3	53.89	595.7	51.55	584.1	48.90	578.3	47.68	566.8	46.47	555.2	44.05
	51.8	49.6	607.3	53.90	595.7	51.92	584.1	49.59	578.3	48.36	566.8	47.13	555.2	44.66
	48.2	46.2	607.3	53.91	595.7	52.29	584.1	50.29	578.3	49.04	566.8	47.78	555.2	45.28
	47.0	43.0	607.3	53.95	595.7	52.42	584.1	50.99	578.3	49.72	566.8	48.45	555.2	45.90
	41.0	39.4	585.3	50.89	574.1	50.02	563.0	48.88	557.4	47.65	546.3	46.43	535.1	43.98
	36.5	35.0	559.0	47.30	548.4	46.81	537.7	46.37	532.4	45.20	521.8	44.04	511.1	41.71
	32.0	30.7	532.8	47.52	522.7	47.52	512.5	45.17	507.4	44.03	497.3	42.89	487.1	40.62
	26.6	25.3	500.0	47.91	490.5	46.29	481.0	43.68	476.2	42.57	466.7	41.47	457.2	39.25
	23.0	21.9	479.2	47.83	470.1	45.28	461.0	42.72	456.4	41.64	447.3	40.55	438.2	38.38
	19.4	18.3	457.4	46.69	448.7	44.20	440.0	41.71	435.6	40.64	426.9	39.58	418.2	37.46
	14.0	13.1	425.7	45.01	417.6	42.61	409.5	40.22	405.4	39.19	397.3	38.16	389.2	36.10
	5.9	5.0	376.5	42.35	369.3	40.10	362.2	37.85	358.6	36.87	351.4	35.89	344.2	33.94
	-3.1	-4.0	309.7	37.54	303.8	35.54	297.9	33.55	295.0	32.68	289.1	31.80	283.2	30.06
	-9.0	-9.4	263.5	33.45	258.5	31.68	253.5	29.90	251.0	29.12	246.0	28.34	240.9	26.77
	-12.6	-13.0	232.7	30.55	228.3	28.93	223.9	27.32	221.6	26.60	217.2	25.88	212.8	24.44
	-17.3	-18.4	186.5	25.88	183.0	24.51	179.4	23.14	177.7	22.53	174.1	21.91	170.6	20.69
	-21.8	-22.0	155.8	22.49	152.8	21.30	149.8	20.12	148.3	19.58	145.4	19.05	142.4	17.97
120	59.0	56.7	625.1	54.64	613.2	51.90	601.3	48.96	595.4	47.74	583.4	46.53	571.5	44.11
	55.4	53.2	625.1	54.65	613.2	52.28	601.3	49.59	595.4	48.36	583.4	47.13	571.5	44.67
	51.8	49.6	625.1	54.67	613.2	52.65	601.3	50.29	595.4	49.04	583.4	47.79	571.5	45.29
	48.2	46.2	625.1	54.68	613.2	53.03	601.3	51.00	595.4	49.73	583.4	48.46	571.5	45.92
	47.0	43.0	625.1	54.71	613.2	53.16	601.3	51.71	595.4	50.42	583.4	49.13	571.5	46.55
	41.0	39.4	602.5	51.61	591.0	50.72	579.5	49.57	573.8	48.33	562.3	47.09	550.8	44.61
	36.5	35.0	575.5	47.97	564.5	47.48	553.6	47.02	548.1	45.84	537.1	44.66	526.2	42.30
	32.0	30.7	548.5	48.19	538.0	48.19	527.6	45.81	522.4	44.65	511.9	43.50	501.5	41.19
	26.6	25.3	514.7	48.59	504.9	46.94	495.1	44.29	490.2	43.17	480.4	42.05	470.6	39.81
	23.0	21.9	493.3	48.51	483.9	45.92	474.5	43.33	469.9	42.23	460.5	41.13	451.1	38.93
	19.4	18.3	470.8	47.35	461.9	44.82	452.9	42.30	448.4	41.22	439.4	40.14	430.5	37.99
	14.0	13.1	438.2	45.65	429.9	43.22	421.5	40.78	417.3	39.74	409.0	38.70	400.6	36.61
	5.9	5.0	387.6	42.95	380.2	40.67	372.8	38.38	369.1	37.39	361.7	36.40	354.4	34.42
	-3.1	-4.0	318.8	38.07	312.7	36.05	306.7	34.03	303.6	33.14	297.6	32.25	291.5	30.48
	-9.0	-9.4	271.3	33.92	266.1	32.13	260.9	30.33	258.4	29.53	253.2	28.74	248.0	27.15
	-12.6	-13.0	239.6	30.98	235.0	29.34	230.4	27.70	228.2	26.97	223.6	26.24	219.0	24.79
	-17.3	-18.4	192.0	26.24	188.4	24.86	184.7	23.47	182.9	22.85	179.2	22.22	175.6	20.98
	-21.8	-22.0	160.3	22.81	157.3	21.61	154.2	20.40	152.7	19.86	149.7	19.31	146.6	18.23
130	59.0	56.7	640.0	55.13	627.8	52.36	615.6	49.39	609.5	48.17	597.3	46.95	585.1	44.50
	55.4	53.2	640.0	55.14	627.8	52.74	615.6	50.03	609.5	48.79	597.3	47.55	585.1	45.07
	51.8	49.6	640.0	55.15	627.8	53.12	615.6	50.74	609.5	49.48	597.3	48.22	585.1	45.70
	48.2	46.2	640.0	55.16	627.8	53.50	615.6	51.45	609.5	50.17	597.3	48.89	585.1	46.33
	47.0	43.0	640.0	55.20	627.8	53.63	615.6	52.17	609.5	50.87	597.3	49.57	585.1	46.96
	41.0	39.4	616.8	52.07	605.1	51.17	593.3	50.01	587.5	48.76	575.7	47.51	564.0	45.00
	36.5	35.0	589.2	48.40	578.0	47.90	566.7	47.44	561.1	46.25	549.9	45.06	538.7	42.67
	32.0	30.7	561.5	48.62	550.8	48.62	540.1	46.21	534.8	45.05	524.1	43.88	513.4	41.55
	26.6	25.3	527.0	49.02	516.9	47.36	506.9	44.69	501.9	43.56	491.8	42.42	481.8	40.16
	23.0	21.9	505.1	48.93	495.5	46.32	485.8	43.71	481.0	42.60	471.4	41.49	461.8	39.27
	19.4	18.3	482.0	47.77	472.9	45.22	463.7	42.67	459.1	41.58	449.9	40.50	440.7	38.32
	14.0	13.1	448.6	46.05	440.1	43.60	431.5	41.15	427.3	40.09	418.7	39.04	410.2	36.93
	5.9	5.0	396.8	43.33	389.2	41.03	381.7	38.72	377.9	37.72	370.3	36.72	362.8	34.73
	-3.1	-4.0	326.4	38.40	320.2	36.37	314.0	34.33	310.9	33.43	304.6	32.54	298.4	30.75
	-9.0	-9.4	277.7	34.22	272.4	32.41	267.1	30.60	264.5	29.79	259.2	28.99	253.9	27.39
	-12.6	-13.0	245.3	31.26	240.6	29.60	235.9	27.95	233.6	27.21	228.9	26.48	224.3	25.01
	-17.3	-18.4	196.6	26.47	192.9	25.08	189.1	23.68	187.2	23.05	183.5	22.42	179.8	21.17
	-21.8	-22.0	164.2	23.01	161.0	21.80	157.9	20.58	156.3	20.03	153.2	19.49	150.1	18.39

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	535.8	47.75	525.6	45.35	515.4	42.78	510.3	41.72	500.1	40.66	489.9	38.55
	55.4	53.2	535.8	47.76	525.6	45.68	515.4	43.33	510.3	42.26	500.1	41.18	489.9	39.04
	51.8	49.6	535.8	47.77	525.6	46.01	515.4	43.95	510.3	42.86	500.1	41.76	489.9	39.58
	48.2	46.2	535.8	47.78	525.6	46.34	515.4	44.57	510.3	43.46	500.1	42.35	489.9	40.13
	47.0	43.0	535.8	47.81	525.6	46.45	515.4	45.19	510.3	44.06	500.1	42.93	489.9	40.68
	41.0	39.4	516.4	45.10	506.6	44.33	496.7	43.32	491.8	42.23	482.0	41.15	472.2	38.98
	36.5	35.0	493.3	41.92	483.9	41.49	474.5	41.09	469.8	40.06	460.4	39.03	451.0	36.96
	32.0	30.7	470.1	42.12	461.2	42.12	452.2	40.03	447.7	39.02	438.8	38.01	429.8	35.99
	26.6	25.3	441.2	42.46	432.8	41.02	424.4	38.71	420.2	37.73	411.8	36.75	403.4	34.79
	23.0	21.9	422.9	42.39	414.8	40.12	406.8	37.86	402.7	36.90	394.7	35.94	386.6	34.02
	19.4	18.3	403.6	41.38	395.9	39.17	388.2	36.96	384.4	36.02	376.7	35.08	369.0	33.20
	14.0	13.1	375.6	39.89	368.5	37.77	361.3	35.64	357.7	34.73	350.6	33.82	343.4	31.99
	5.9	5.0	332.2	37.53	325.9	35.54	319.5	33.54	316.4	32.67	310.1	31.81	303.7	30.08
	-3.1	-4.0	273.3	33.27	268.1	31.50	262.9	29.73	260.3	28.96	255.0	28.19	249.8	26.64
	-9.0	-9.4	232.5	29.64	228.1	28.07	223.7	26.50	221.4	25.81	217.0	25.11	212.6	23.72
	-12.6	-13.0	205.4	27.07	201.4	25.64	197.5	24.21	195.6	23.57	191.7	22.93	187.7	21.66
	-17.3	-18.4	164.6	22.93	161.5	21.72	158.3	20.51	156.8	19.96	153.6	19.42	150.5	18.33
	-21.8	-22.0	137.4	19.93	134.8	18.88	132.2	17.83	130.9	17.35	128.3	16.88	125.7	15.93
80	59.0	56.7	476.3	41.99	467.2	39.89	458.1	37.62	453.6	36.69	444.5	35.76	435.5	33.90
	55.4	53.2	476.3	42.00	467.2	40.17	458.1	38.11	453.6	37.16	444.5	36.22	435.5	34.33
	51.8	49.6	476.3	42.01	467.2	40.46	458.1	38.65	453.6	37.69	444.5	36.73	435.5	34.81
	48.2	46.2	476.3	42.02	467.2	40.75	458.1	39.20	453.6	38.22	444.5	37.24	435.5	35.29
	47.0	43.0	476.3	42.05	467.2	40.85	458.1	39.74	453.6	38.75	444.5	37.76	435.5	35.77
	41.0	39.4	459.0	39.66	450.3	38.98	441.6	38.10	437.2	37.14	428.4	36.19	419.7	34.28
	36.5	35.0	438.5	36.87	430.1	36.49	421.8	36.14	417.6	35.23	409.2	34.32	400.9	32.51
	32.0	30.7	417.9	37.04	409.9	37.04	402.0	35.20	398.0	34.32	390.0	33.43	382.1	31.66
	26.6	25.3	392.2	37.34	384.7	36.08	377.2	34.04	373.5	33.18	366.0	32.32	358.6	30.59
	23.0	21.9	375.9	37.28	368.7	35.29	361.6	33.30	358.0	32.45	350.8	31.61	343.7	29.92
	19.4	18.3	358.7	36.39	351.9	34.45	345.1	32.51	341.7	31.68	334.8	30.85	328.0	29.19
	14.0	13.1	333.9	35.08	327.5	33.21	321.2	31.34	318.0	30.54	311.6	29.74	305.3	28.14
	5.9	5.0	295.3	33.01	289.7	31.25	284.0	29.50	281.2	28.74	275.6	27.97	270.0	26.45
	-3.1	-4.0	242.9	29.26	238.3	27.70	233.6	26.15	231.3	25.47	226.7	24.79	222.1	23.43
	-9.0	-9.4	206.7	26.07	202.7	24.69	198.8	23.31	196.8	22.70	192.9	22.09	189.0	20.86
	-12.6	-13.0	182.5	23.81	179.1	22.55	175.6	21.29	173.8	20.73	170.4	20.17	166.9	19.05
	-17.3	-18.4	146.3	20.17	143.5	19.10	140.7	18.04	139.3	17.56	136.6	17.08	133.8	16.12
	-21.8	-22.0	122.2	17.53	119.8	16.60	117.5	15.68	116.3	15.26	114.0	14.84	111.7	14.01
70	59.0	56.7	416.7	36.36	408.8	34.53	400.9	32.57	396.9	31.77	389.0	30.96	381.0	29.35
	55.4	53.2	416.7	36.37	408.8	34.78	400.9	33.00	396.9	32.18	389.0	31.36	381.0	29.72
	51.8	49.6	416.7	36.37	408.8	35.03	400.9	33.46	396.9	32.63	389.0	31.80	381.0	30.14
	48.2	46.2	416.7	36.38	408.8	35.28	400.9	33.94	396.9	33.09	389.0	32.25	381.0	30.55
	47.0	43.0	416.7	36.41	408.8	35.37	400.9	34.41	396.9	33.55	389.0	32.69	381.0	30.97
	41.0	39.4	401.7	34.34	394.0	33.75	386.4	32.98	382.5	32.16	374.9	31.33	367.2	29.68
	36.5	35.0	383.7	31.92	376.3	31.59	369.0	31.29	365.4	30.50	358.1	29.72	350.8	28.15
	32.0	30.7	365.7	32.07	358.7	32.07	351.7	30.48	348.2	29.71	341.3	28.94	334.3	27.41
	26.6	25.3	343.1	32.33	336.6	31.24	330.1	29.47	326.8	28.73	320.3	27.98	313.7	26.49
	23.0	21.9	328.9	32.27	322.6	30.55	316.4	28.83	313.2	28.10	307.0	27.36	300.7	25.90
	19.4	18.3	313.9	31.51	307.9	29.82	301.9	28.14	298.9	27.43	293.0	26.71	287.0	25.28
	14.0	13.1	292.1	30.37	286.6	28.76	281.0	27.14	278.2	26.44	272.7	25.75	267.1	24.36
	5.9	5.0	258.4	28.58	253.5	27.06	248.5	25.54	246.1	24.88	241.2	24.22	236.2	22.90
	-3.1	-4.0	212.5	25.33	208.5	23.99	204.4	22.64	202.4	22.05	198.4	21.46	194.3	20.28
	-9.0	-9.4	180.8	22.57	177.4	21.38	174.0	20.18	172.2	19.65	168.8	19.12	165.3	18.06
	-12.6	-13.0	159.7	20.62	156.7	19.52	153.6	18.43	152.1	17.95	149.1	17.46	146.0	16.49
	-17.3	-18.4	128.0	17.46	125.6	16.54	123.1	15.62	121.9	15.20	119.5	14.79	117.1	13.96
	-21.8	-22.0	106.9	15.18	104.9	14.38	102.8	13.57	101.8	13.21	99.8	12.85	97.7	12.13

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

High Heating Mode

HEATING (°F)

MMY-MUP0721FT6P-UL/MMY-MUP0721FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	85.1	5.50	83.4	5.21	81.8	4.91	81.0	4.79	79.4	4.67	77.8	4.42
	55.4	53.2	85.1	5.57	83.4	5.27	81.8	4.97	81.0	4.85	79.4	4.73	77.8	4.48
	51.8	49.6	85.1	5.65	83.4	5.35	81.8	5.04	81.0	4.92	79.4	4.79	77.8	4.54
	48.2	46.2	85.1	5.73	83.4	5.42	81.8	5.12	81.0	4.99	79.4	4.86	77.8	4.61
	47.0	43.0	85.1	5.81	83.4	5.50	81.8	5.19	81.0	5.06	79.4	4.93	77.8	4.67
	41.0	39.4	85.1	5.90	83.4	5.59	81.8	5.27	81.0	5.14	79.4	5.01	77.8	4.74
	36.5	35.0	85.1	6.02	83.4	5.70	81.8	5.38	81.0	5.24	79.4	5.11	77.8	4.84
	32.0	30.7	85.1	6.16	83.4	5.83	81.8	5.50	81.0	5.36	79.4	5.22	77.8	4.94
	26.6	25.3	85.1	6.34	83.4	6.00	81.8	5.66	81.0	5.52	79.4	5.37	77.8	5.09
	23.0	21.9	85.1	6.46	83.4	6.12	81.8	5.77	81.0	5.62	79.4	5.48	77.8	5.19
	19.4	18.3	85.1	6.60	83.4	6.25	81.8	5.90	81.0	5.75	79.4	5.60	77.8	5.30
	14.0	13.1	85.1	6.83	83.4	6.47	81.8	6.10	81.0	5.95	79.4	5.79	77.8	5.48
	5.9	5.0	85.1	7.25	83.4	6.86	81.8	6.48	81.0	6.31	79.4	6.14	77.8	5.81
	-3.1	-4.0	80.8	7.42	79.3	7.02	77.7	6.63	77.0	6.46	75.4	6.28	73.9	5.94
	-9.0	-9.4	71.6	6.89	70.2	6.53	68.9	6.16	68.2	6.00	66.8	5.84	65.5	5.52
	-12.6	-13.0	65.5	6.53	64.2	6.18	63.0	5.84	62.4	5.68	61.1	5.53	59.9	5.22
	-17.3	-18.4	56.3	5.95	55.2	5.63	54.2	5.32	53.6	5.18	52.5	5.04	51.5	4.75
	-21.8	-22.0	50.2	5.53	49.2	5.24	48.3	4.95	47.8	4.82	46.8	4.68	45.9	4.42
110	59.0	56.7	86.8	5.53	85.1	5.23	83.4	4.93	82.6	4.81	81.0	4.69	79.3	4.45
	55.4	53.2	86.8	5.60	85.1	5.30	83.4	5.00	82.6	4.87	81.0	4.75	79.3	4.50
	51.8	49.6	86.8	5.68	85.1	5.37	83.4	5.07	82.6	4.94	81.0	4.82	79.3	4.56
	48.2	46.2	86.8	5.76	85.1	5.45	83.4	5.14	82.6	5.01	81.0	4.88	79.3	4.63
	47.0	43.0	86.8	5.84	85.1	5.52	83.4	5.21	82.6	5.08	81.0	4.95	79.3	4.69
	41.0	39.4	86.8	5.93	85.1	5.61	83.4	5.30	82.6	5.16	81.0	5.03	79.3	4.77
	36.5	35.0	86.8	6.05	85.1	5.73	83.4	5.40	82.6	5.27	81.0	5.13	79.3	4.86
	32.0	30.7	86.8	6.18	85.1	5.85	83.4	5.52	82.6	5.38	81.0	5.24	79.3	4.97
	26.6	25.3	86.8	6.37	85.1	6.03	83.4	5.69	82.6	5.54	81.0	5.40	79.3	5.11
	23.0	21.9	86.8	6.49	85.1	6.14	83.4	5.80	82.6	5.65	81.0	5.50	79.3	5.21
	19.4	18.3	86.8	6.63	85.1	6.28	83.4	5.93	82.6	5.78	81.0	5.62	79.3	5.32
	14.0	13.1	86.8	6.86	85.1	6.50	83.4	6.13	82.6	5.97	81.0	5.82	79.3	5.50
	5.9	5.0	86.8	7.28	85.1	6.89	83.4	6.51	82.6	6.34	81.0	6.17	79.3	5.83
	-3.1	-4.0	82.4	7.45	80.8	7.06	79.3	6.66	78.5	6.49	76.9	6.31	75.3	5.97
	-9.0	-9.4	73.0	6.93	71.7	6.56	70.3	6.19	69.6	6.03	68.2	5.87	66.8	5.54
	-12.6	-13.0	66.8	6.56	65.5	6.21	64.3	5.86	63.6	5.71	62.3	5.56	61.1	5.25
	-17.3	-18.4	57.4	5.97	56.3	5.66	55.2	5.34	54.7	5.20	53.6	5.06	52.5	4.78
	-21.8	-22.0	51.2	5.56	50.2	5.26	49.2	4.97	48.7	4.84	47.8	4.71	46.8	4.44
120	59.0	56.7	89.3	5.60	87.6	5.30	85.9	5.00	85.1	4.88	83.3	4.76	81.6	4.51
	55.4	53.2	89.3	5.68	87.6	5.37	85.9	5.07	85.1	4.94	83.3	4.82	81.6	4.56
	51.8	49.6	89.3	5.76	87.6	5.45	85.9	5.14	85.1	5.01	83.3	4.88	81.6	4.63
	48.2	46.2	89.3	5.84	87.6	5.52	85.9	5.21	85.1	5.08	83.3	4.95	81.6	4.69
	47.0	43.0	89.3	5.92	87.6	5.60	85.9	5.28	85.1	5.15	83.3	5.02	81.6	4.76
	41.0	39.4	89.3	6.01	87.6	5.69	85.9	5.37	85.1	5.24	83.3	5.10	81.6	4.83
	36.5	35.0	89.3	6.14	87.6	5.81	85.9	5.48	85.1	5.34	83.3	5.21	81.6	4.93
	32.0	30.7	89.3	6.27	87.6	5.94	85.9	5.60	85.1	5.46	83.3	5.32	81.6	5.04
	26.6	25.3	89.3	6.46	87.6	6.11	85.9	5.77	85.1	5.62	83.3	5.47	81.6	5.18
	23.0	21.9	89.3	6.58	87.6	6.23	85.9	5.88	85.1	5.73	83.3	5.58	81.6	5.28
	19.4	18.3	89.3	6.73	87.6	6.37	85.9	6.01	85.1	5.86	83.3	5.70	81.6	5.40
	14.0	13.1	89.3	6.96	87.6	6.59	85.9	6.22	85.1	6.06	83.3	5.90	81.6	5.58
	5.9	5.0	89.3	7.38	87.6	6.99	85.9	6.60	85.1	6.43	83.3	6.26	81.6	5.92
	-3.1	-4.0	84.8	7.56	83.2	7.16	81.6	6.75	80.8	6.58	79.2	6.40	77.6	6.05
	-9.0	-9.4	75.2	7.02	73.8	6.65	72.3	6.28	71.6	6.12	70.2	5.95	68.7	5.62
	-12.6	-13.0	68.8	6.65	67.5	6.30	66.1	5.95	65.5	5.79	64.2	5.63	62.9	5.32
	-17.3	-18.4	59.1	6.06	58.0	5.74	56.9	5.42	56.3	5.27	55.2	5.13	54.1	4.84
	-21.8	-22.0	52.7	5.64	51.7	5.34	50.7	5.04	50.2	4.91	49.2	4.77	48.2	4.50
130	59.0	56.7	91.4	5.65	89.7	5.35	87.9	5.05	87.1	4.92	85.3	4.80	83.6	4.55
	55.4	53.2	91.4	5.73	89.7	5.42	87.9	5.11	87.1	4.99	85.3	4.86	83.6	4.61
	51.8	49.6	91.4	5.81	89.7	5.50	87.9	5.18	87.1	5.06	85.3	4.93	83.6	4.67
	48.2	46.2	91.4	5.89	89.7	5.57	87.9	5.26	87.1	5.13	85.3	5.00	83.6	4.73
	47.0	43.0	91.4	5.97	89.7	5.65	87.9	5.33	87.1	5.20	85.3	5.07	83.6	4.80
	41.0	39.4	91.4	6.07	89.7	5.74	87.9	5.42	87.1	5.28	85.3	5.15	83.6	4.88
	36.5	35.0	91.4	6.19	89.7	5.86	87.9	5.53	87.1	5.39	85.3	5.25	83.6	4.97
	32.0	30.7	91.4	6.33	89.7	5.99	87.9	5.65	87.1	5.51	85.3	5.37	83.6	5.08
	26.6	25.3	91.4	6.51	89.7	6.16	87.9	5.82	87.1	5.67	85.3	5.52	83.6	5.23
	23.0	21.9	91.4	6.64	89.7	6.29	87.9	5.93	87.1	5.78	85.3	5.63	83.6	5.33
	19.4	18.3	91.4	6.79	89.7	6.43	87.9	6.06	87.1	5.91	85.3	5.75	83.6	5.45
	14.0	13.1	91.4	7.02	89.7	6.65	87.9	6.27	87.1	6.11	85.3	5.95	83.6	5.63
	5.9	5.0	91.4	7.45	89.7	7.05	87.9	6.66	87.1	6.48	85.3	6.31	83.6	5.97
	-3.1	-4.0	86.9	7.62	85.2	7.22	83.5	6.81	82.7	6.64	81.1	6.46	79.4	6.10
	-9.0	-9.4	77.0	7.09	75.5	6.71	74.1	6.34	73.3	6.17	71.9	6.00	70.4	5.67
	-12.6	-13.0	70.4	6.71	69.1	6.36	67.7	6.00	67.0	5.84	65.7	5.68	64.4	5.37
	-17.3	-18.4	60.5	6.11	59.4	5.79	58.2	5.47	57.6	5.32	56.5	5.18	55.3	4.89
	-21.8	-22.0	53.9	5.69	52.9	5.39	51.9	5.09	51.4	4.95	50.3	4.81	49.3	4.54

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	76.5	4.90	75.1	4.63	73.6	4.37	72.9	4.26	71.4	4.16	70.0	3.94
	55.4	53.2	76.5	4.96	75.1	4.69	73.6	4.43	72.9	4.32	71.4	4.21	70.0	3.99
	51.8	49.6	76.5	5.03	75.1	4.76	73.6	4.49	72.9	4.38	71.4	4.27	70.0	4.04
	48.2	46.2	76.5	5.10	75.1	4.83	73.6	4.55	72.9	4.44	71.4	4.33	70.0	4.10
	47.0	43.0	76.5	5.17	75.1	4.90	73.6	4.62	72.9	4.50	71.4	4.39	70.0	4.16
	41.0	39.4	76.5	5.26	75.1	4.97	73.6	4.69	72.9	4.58	71.4	4.46	70.0	4.22
	36.5	35.0	76.5	5.36	75.1	5.08	73.6	4.79	72.9	4.67	71.4	4.55	70.0	4.31
	32.0	30.7	76.5	5.48	75.1	5.19	73.6	4.89	72.9	4.77	71.4	4.65	70.0	4.40
	26.6	25.3	76.5	5.64	75.1	5.34	73.6	5.04	72.9	4.91	71.4	4.78	70.0	4.53
	23.0	21.9	76.5	5.75	75.1	5.45	73.6	5.14	72.9	5.01	71.4	4.88	70.0	4.62
	19.4	18.3	76.5	5.88	75.1	5.57	73.6	5.25	72.9	5.12	71.4	4.98	70.0	4.72
	14.0	13.1	76.5	6.08	75.1	5.76	73.6	5.43	72.9	5.29	71.4	5.16	70.0	4.88
	5.9	5.0	76.5	6.45	75.1	6.11	73.6	5.77	72.9	5.62	71.4	5.47	70.0	5.17
	-3.1	-4.0	72.7	6.60	71.3	6.25	69.9	5.90	69.3	5.75	67.9	5.59	66.5	5.29
	-9.0	-9.4	64.5	6.14	63.2	5.81	62.0	5.49	61.4	5.34	60.2	5.20	58.9	4.91
	-12.6	-13.0	58.9	5.81	57.8	5.50	56.7	5.20	56.1	5.06	55.0	4.92	53.9	4.65
	-17.3	-18.4	50.7	5.29	49.7	5.01	48.7	4.73	48.3	4.61	47.3	4.48	46.3	4.23
	-21.8	-22.0	45.2	4.92	44.3	4.66	43.4	4.40	43.0	4.29	42.2	4.17	41.3	3.94
80	59.0	56.7	68.0	4.31	66.7	4.08	65.4	3.84	64.8	3.75	63.5	3.65	62.2	3.46
	55.4	53.2	68.0	4.36	66.7	4.13	65.4	3.89	64.8	3.80	63.5	3.70	62.2	3.51
	51.8	49.6	68.0	4.42	66.7	4.19	65.4	3.95	64.8	3.85	63.5	3.75	62.2	3.56
	48.2	46.2	68.0	4.49	66.7	4.25	65.4	4.01	64.8	3.91	63.5	3.81	62.2	3.61
	47.0	43.0	68.0	4.55	66.7	4.30	65.4	4.06	64.8	3.96	63.5	3.86	62.2	3.66
	41.0	39.4	68.0	4.62	66.7	4.37	65.4	4.13	64.8	4.02	63.5	3.92	62.2	3.71
	36.5	35.0	68.0	4.72	66.7	4.46	65.4	4.21	64.8	4.11	63.5	4.00	62.2	3.79
	32.0	30.7	68.0	4.82	66.7	4.56	65.4	4.30	64.8	4.20	63.5	4.09	62.2	3.87
	26.6	25.3	68.0	4.96	66.7	4.70	65.4	4.43	64.8	4.32	63.5	4.21	62.2	3.98
	23.0	21.9	68.0	5.06	66.7	4.79	65.4	4.52	64.8	4.40	63.5	4.29	62.2	4.06
	19.4	18.3	68.0	5.17	66.7	4.89	65.4	4.62	64.8	4.50	63.5	4.38	62.2	4.15
	14.0	13.1	68.0	5.35	66.7	5.06	65.4	4.78	64.8	4.66	63.5	4.53	62.2	4.29
	5.9	5.0	68.0	5.67	66.7	5.37	65.4	5.07	64.8	4.94	63.5	4.81	62.2	4.55
	-3.1	-4.0	64.6	5.81	63.4	5.50	62.2	5.19	61.6	5.06	60.3	4.92	59.1	4.65
	-9.0	-9.4	57.3	5.40	56.2	5.11	55.1	4.83	54.6	4.70	53.5	4.57	52.4	4.32
	-12.6	-13.0	52.4	5.11	51.4	4.84	50.4	4.57	49.9	4.45	48.9	4.33	47.9	4.09
	-17.3	-18.4	45.0	4.66	44.2	4.41	43.3	4.16	42.9	4.05	42.0	3.94	41.2	3.72
	-21.8	-22.0	40.1	4.33	39.4	4.10	38.6	3.87	38.2	3.77	37.5	3.67	36.7	3.46
70	59.0	56.7	59.5	3.73	58.4	3.53	57.3	3.33	56.7	3.25	55.6	3.16	54.4	3.00
	55.4	53.2	59.5	3.78	58.4	3.57	57.3	3.37	56.7	3.29	55.6	3.20	54.4	3.04
	51.8	49.6	59.5	3.83	58.4	3.63	57.3	3.42	56.7	3.33	55.6	3.25	54.4	3.08
	48.2	46.2	59.5	3.88	58.4	3.68	57.3	3.47	56.7	3.38	55.6	3.30	54.4	3.12
	47.0	43.0	59.5	3.94	58.4	3.73	57.3	3.52	56.7	3.43	55.6	3.34	54.4	3.17
	41.0	39.4	59.5	4.00	58.4	3.79	57.3	3.57	56.7	3.48	55.6	3.39	54.4	3.22
	36.5	35.0	59.5	4.08	58.4	3.87	57.3	3.65	56.7	3.56	55.6	3.46	54.4	3.28
	32.0	30.7	59.5	4.17	58.4	3.95	57.3	3.73	56.7	3.63	55.6	3.54	54.4	3.35
	26.6	25.3	59.5	4.30	58.4	4.07	57.3	3.84	56.7	3.74	55.6	3.64	54.4	3.45
	23.0	21.9	59.5	4.38	58.4	4.15	57.3	3.91	56.7	3.81	55.6	3.71	54.4	3.52
	19.4	18.3	59.5	4.48	58.4	4.24	57.3	4.00	56.7	3.90	55.6	3.80	54.4	3.59
	14.0	13.1	59.5	4.63	58.4	4.38	57.3	4.14	56.7	4.03	55.6	3.93	54.4	3.71
	5.9	5.0	59.5	4.91	58.4	4.65	57.3	4.39	56.7	4.28	55.6	4.16	54.4	3.94
	-3.1	-4.0	56.6	5.03	55.5	4.76	54.4	4.49	53.9	4.38	52.8	4.26	51.7	4.03
	-9.0	-9.4	50.1	4.67	49.2	4.43	48.2	4.18	47.7	4.07	46.8	3.96	45.8	3.74
	-12.6	-13.0	45.8	4.43	45.0	4.19	44.1	3.96	43.7	3.85	42.8	3.75	41.9	3.54
	-17.3	-18.4	39.4	4.03	38.7	3.82	37.9	3.61	37.5	3.51	36.8	3.41	36.0	3.22
	-21.8	-22.0	35.1	3.75	34.5	3.55	33.8	3.35	33.5	3.26	32.8	3.18	32.1	3.00

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP0961FT6P-UL/MMY-MUP0961FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	113.4	7.76	111.2	7.34	109.1	6.92	108.0	6.75	105.8	6.58	103.7	6.24
	55.4	53.2	113.4	7.85	111.2	7.43	109.1	7.01	108.0	6.84	105.8	6.66	103.7	6.32
	51.8	49.6	113.4	7.97	111.2	7.54	109.1	7.11	108.0	6.93	105.8	6.76	103.7	6.40
	48.2	46.2	113.4	8.08	111.2	7.64	109.1	7.21	108.0	7.03	105.8	6.85	103.7	6.49
	47.0	43.0	113.4	8.19	111.2	7.75	109.1	7.31	108.0	7.13	105.8	6.95	103.7	6.58
	41.0	39.4	113.4	8.32	111.2	7.88	109.1	7.43	108.0	7.24	105.8	7.06	103.7	6.69
	36.5	35.0	113.4	8.49	111.2	8.04	109.1	7.58	108.0	7.39	105.8	7.20	103.7	6.82
	32.0	30.7	113.4	8.68	111.2	8.21	109.1	7.75	108.0	7.55	105.8	7.36	103.7	6.97
	26.6	25.3	113.4	8.93	111.2	8.46	109.1	7.98	108.0	7.78	105.8	7.57	103.7	7.17
	23.0	21.9	110.1	8.83	108.0	8.36	105.9	7.89	104.8	7.69	102.7	7.49	100.6	7.09
	19.4	18.3	106.2	8.70	104.2	8.23	102.2	7.77	101.1	7.57	99.1	7.38	97.1	6.98
	14.0	13.1	100.6	8.51	98.7	8.05	96.7	7.60	95.8	7.40	93.9	7.21	92.0	6.82
	5.9	5.0	91.9	8.21	90.1	7.77	88.4	7.34	87.5	7.15	85.7	6.96	84.0	6.58
	-3.1	-4.0	81.6	7.84	80.1	7.42	78.5	7.01	77.8	6.83	76.2	6.64	74.6	6.28
	-9.0	-9.4	70.1	7.05	68.7	6.68	67.4	6.31	66.7	6.14	65.4	5.98	64.1	5.65
	-12.6	-13.0	62.4	6.50	61.2	6.15	60.0	5.81	59.4	5.66	58.2	5.50	57.0	5.20
	-17.3	-18.4	50.8	5.60	49.8	5.31	48.9	5.01	48.4	4.88	47.4	4.75	46.4	4.48
	-21.8	-22.0	43.1	4.96	42.3	4.70	41.5	4.43	41.0	4.32	40.2	4.20	39.4	3.96
110	59.0	56.7	115.7	7.79	113.5	7.37	111.3	6.95	110.2	6.78	108.0	6.61	105.8	6.27
	55.4	53.2	115.7	7.89	113.5	7.47	111.3	7.04	110.2	6.87	108.0	6.70	105.8	6.35
	51.8	49.6	115.7	8.00	113.5	7.57	111.3	7.14	110.2	6.97	108.0	6.79	105.8	6.43
	48.2	46.2	115.7	8.12	113.5	7.68	111.3	7.24	110.2	7.06	108.0	6.88	105.8	6.52
	47.0	43.0	115.7	8.23	113.5	7.79	111.3	7.35	110.2	7.16	108.0	6.98	105.8	6.61
	41.0	39.4	115.7	8.36	113.5	7.91	111.3	7.47	110.2	7.28	108.0	7.09	105.8	6.72
	36.5	35.0	115.7	8.53	113.5	8.08	111.3	7.62	110.2	7.43	108.0	7.24	105.8	6.85
	32.0	30.7	115.7	8.72	113.5	8.25	111.3	7.79	110.2	7.59	108.0	7.39	105.8	7.00
	26.6	25.3	115.7	8.97	113.5	8.49	111.3	8.01	110.2	7.81	108.0	7.61	105.8	7.20
	23.0	21.9	112.3	8.87	110.1	8.40	108.0	7.93	106.9	7.73	104.8	7.52	102.7	7.12
	19.4	18.3	108.3	8.74	106.3	8.27	104.2	7.81	103.2	7.61	101.1	7.41	99.0	7.01
	14.0	13.1	102.6	8.55	100.6	8.09	98.7	7.63	97.7	7.44	95.8	7.24	93.8	6.85
	5.9	5.0	93.7	8.25	91.9	7.81	90.1	7.37	89.2	7.18	87.4	6.99	85.7	6.61
	-3.1	-4.0	83.3	7.88	81.7	7.46	80.1	7.04	79.3	6.86	77.7	6.67	76.1	6.31
	-9.0	-9.4	71.5	7.09	70.1	6.71	68.8	6.34	68.1	6.17	66.7	6.00	65.4	5.67
	-12.6	-13.0	63.6	6.53	62.4	6.18	61.2	5.84	60.6	5.68	59.4	5.53	58.2	5.22
	-17.3	-18.4	51.8	5.63	50.8	5.33	49.8	5.03	49.4	4.90	48.4	4.77	47.4	4.50
	-21.8	-22.0	44.0	4.98	43.1	4.72	42.3	4.45	41.9	4.34	41.0	4.22	40.2	3.98
120	59.0	56.7	119.1	7.90	116.8	7.48	114.5	7.05	113.4	6.88	111.1	6.70	108.9	6.36
	55.4	53.2	119.1	8.00	116.8	7.57	114.5	7.14	113.4	6.97	111.1	6.79	108.9	6.44
	51.8	49.6	119.1	8.12	116.8	7.68	114.5	7.25	113.4	7.07	111.1	6.89	108.9	6.53
	48.2	46.2	119.1	8.23	116.8	7.79	114.5	7.35	113.4	7.16	111.1	6.98	108.9	6.62
	47.0	43.0	119.1	8.34	116.8	7.90	114.5	7.45	113.4	7.26	111.1	7.08	108.9	6.71
	41.0	39.4	119.1	8.48	116.8	8.02	114.5	7.57	113.4	7.38	111.1	7.19	108.9	6.81
	36.5	35.0	119.1	8.65	116.8	8.19	114.5	7.73	113.4	7.53	111.1	7.34	108.9	6.95
	32.0	30.7	119.1	8.84	116.8	8.37	114.5	7.90	113.4	7.70	111.1	7.50	108.9	7.10
	26.6	25.3	119.1	9.10	116.8	8.61	114.5	8.13	113.4	7.92	111.1	7.72	108.9	7.31
	23.0	21.9	115.6	9.00	113.4	8.52	111.2	8.04	110.1	7.84	107.9	7.63	105.7	7.22
	19.4	18.3	111.5	8.86	109.4	8.39	107.3	7.92	106.2	7.72	104.1	7.51	102.0	7.11
	14.0	13.1	105.6	8.67	103.6	8.20	101.6	7.74	100.6	7.54	98.6	7.35	96.6	6.95
	5.9	5.0	96.4	8.37	94.6	7.92	92.8	7.48	91.9	7.28	90.0	7.09	88.2	6.70
	-3.1	-4.0	85.7	7.99	84.1	7.56	82.5	7.14	81.6	6.95	80.0	6.77	78.4	6.40
	-9.0	-9.4	73.6	7.19	72.2	6.81	70.8	6.43	70.1	6.26	68.7	6.09	67.3	5.75
	-12.6	-13.0	65.5	6.62	64.2	6.27	63.0	5.92	62.4	5.76	61.1	5.61	59.9	5.30
	-17.3	-18.4	53.3	5.71	52.3	5.41	51.3	5.11	50.8	4.97	49.8	4.83	48.8	4.56
	-21.8	-22.0	45.2	5.05	44.4	4.78	43.5	4.52	43.1	4.40	42.2	4.28	41.4	4.04
130	59.0	56.7	121.9	7.97	119.6	7.54	117.3	7.12	116.1	6.94	113.8	6.76	111.5	6.41
	55.4	53.2	121.9	8.07	119.6	7.64	117.3	7.21	116.1	7.03	113.8	6.85	111.5	6.49
	51.8	49.6	121.9	8.19	119.6	7.75	117.3	7.31	116.1	7.13	113.8	6.95	111.5	6.58
	48.2	46.2	121.9	8.30	119.6	7.86	117.3	7.41	116.1	7.23	113.8	7.04	111.5	6.67
	47.0	43.0	121.9	8.42	119.6	7.97	117.3	7.52	116.1	7.33	113.8	7.14	111.5	6.77
	41.0	39.4	121.9	8.55	119.6	8.10	117.3	7.64	116.1	7.45	113.8	7.26	111.5	6.87
	36.5	35.0	121.9	8.73	119.6	8.26	117.3	7.80	116.1	7.60	113.8	7.40	111.5	7.01
	32.0	30.7	121.9	8.92	119.6	8.44	117.3	7.97	116.1	7.76	113.8	7.56	111.5	7.16
	26.6	25.3	121.9	9.18	119.6	8.69	117.3	8.20	116.1	7.99	113.8	7.79	111.5	7.37
	23.0	21.9	118.3	9.08	116.1	8.60	113.8	8.11	112.7	7.90	110.4	7.70	108.2	7.29
	19.4	18.3	114.2	8.94	112.0	8.46	109.8	7.99	108.7	7.78	106.6	7.58	104.4	7.17
	14.0	13.1	108.1	8.74	106.1	8.28	104.0	7.81	103.0	7.61	100.9	7.41	98.9	7.01
	5.9	5.0	98.7	8.44	96.9	7.99	95.0	7.54	94.0	7.35	92.2	7.15	90.3	6.76
	-3.1	-4.0	87.8	8.06	86.1	7.63	84.4	7.20	83.6	7.02	81.9	6.83	80.2	6.45
	-9.0	-9.4	75.3	7.25	73.9	6.87	72.5	6.48	71.7	6.31	70.3	6.14	68.9	5.80
	-12.6	-13.0	67.0	6.68	65.8	6.33	64.5	5.97	63.9	5.81	62.6	5.66	61.3	5.34
	-17.3	-18.4	54.6	5.76	53.6	5.45	52.5	5.15	52.0	5.01	51.0	4.88	49.9	4.60
	-21.8	-22.0	46.3	5.10	45.4	4.83	44.6	4.56	44.1	4.44	43.2	4.31	42.4	4.07

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	102.1	6.90	100.1	6.53	98.2	6.16	97.2	6.01	95.3	5.86	93.3	5.55
	55.4	53.2	102.1	6.99	100.1	6.62	98.2	6.24	97.2	6.09	95.3	5.93	93.3	5.62
	51.8	49.6	102.1	7.09	100.1	6.71	98.2	6.33	97.2	6.17	95.3	6.02	93.3	5.70
	48.2	46.2	102.1	7.19	100.1	6.81	98.2	6.42	97.2	6.26	95.3	6.10	93.3	5.78
	47.0	43.0	102.1	7.29	100.1	6.90	98.2	6.51	97.2	6.35	95.3	6.19	93.3	5.86
	41.0	39.4	102.1	7.41	100.1	7.01	98.2	6.62	97.2	6.45	95.3	6.28	93.3	5.95
	36.5	35.0	102.1	7.56	100.1	7.16	98.2	6.75	97.2	6.58	95.3	6.41	93.3	6.07
	32.0	30.7	102.1	7.73	100.1	7.31	98.2	6.90	97.2	6.73	95.3	6.55	93.3	6.20
	26.6	25.3	102.1	7.95	100.1	7.53	98.2	7.10	97.2	6.92	95.3	6.74	93.3	6.38
	23.0	21.9	99.1	7.86	97.2	7.44	95.3	7.03	94.4	6.85	92.5	6.67	90.6	6.31
	19.4	18.3	95.6	7.75	93.8	7.33	91.9	6.92	91.0	6.74	89.2	6.57	87.4	6.21
	14.0	13.1	90.5	7.57	88.8	7.17	87.1	6.77	86.2	6.59	84.5	6.42	82.8	6.07
	5.9	5.0	82.7	7.31	81.1	6.92	79.5	6.53	78.7	6.36	77.2	6.20	75.6	5.86
	-3.1	-4.0	73.5	6.98	72.1	6.61	70.7	6.24	70.0	6.08	68.6	5.91	67.2	5.59
	-9.0	-9.4	63.1	6.28	61.9	5.95	60.7	5.61	60.1	5.47	58.9	5.32	57.7	5.03
	-12.6	-13.0	56.1	5.79	55.1	5.48	54.0	5.17	53.5	5.04	52.4	4.90	51.3	4.63
	-17.3	-18.4	45.7	4.99	44.9	4.72	44.0	4.46	43.5	4.34	42.7	4.22	41.8	3.99
	-21.8	-22.0	38.8	4.41	38.0	4.18	37.3	3.95	36.9	3.84	36.2	3.74	35.5	3.53
80	59.0	56.7	90.7	6.07	89.0	5.75	87.3	5.42	86.4	5.29	84.7	5.15	82.9	4.88
	55.4	53.2	90.7	6.15	89.0	5.82	87.3	5.49	86.4	5.35	84.7	5.22	82.9	4.95
	51.8	49.6	90.7	6.24	89.0	5.90	87.3	5.57	86.4	5.43	84.7	5.29	82.9	5.01
	48.2	46.2	90.7	6.32	89.0	5.99	87.3	5.65	86.4	5.51	84.7	5.37	82.9	5.08
	47.0	43.0	90.7	6.41	89.0	6.07	87.3	5.73	86.4	5.58	84.7	5.44	82.9	5.15
	41.0	39.4	90.7	6.52	89.0	6.17	87.3	5.82	86.4	5.67	84.7	5.53	82.9	5.24
	36.5	35.0	90.7	6.65	89.0	6.29	87.3	5.94	86.4	5.79	84.7	5.64	82.9	5.34
	32.0	30.7	90.7	6.79	89.0	6.43	87.3	6.07	86.4	5.92	84.7	5.76	82.9	5.46
	26.6	25.3	90.7	6.99	89.0	6.62	87.3	6.25	86.4	6.09	84.7	5.93	82.9	5.61
	23.0	21.9	88.1	6.92	86.4	6.55	84.7	6.18	83.9	6.02	82.2	5.86	80.5	5.55
	19.4	18.3	85.0	6.81	83.3	6.45	81.7	6.08	80.9	5.93	79.3	5.77	77.7	5.46
	14.0	13.1	80.5	6.66	78.9	6.31	77.4	5.95	76.6	5.80	75.1	5.65	73.6	5.34
	5.9	5.0	73.5	6.43	72.1	6.09	70.7	5.74	70.0	5.60	68.6	5.45	67.2	5.15
	-3.1	-4.0	65.3	6.14	64.1	5.81	62.8	5.49	62.2	5.34	61.0	5.20	59.7	4.92
	-9.0	-9.4	56.1	5.52	55.0	5.23	53.9	4.94	53.4	4.81	52.3	4.68	51.3	4.42
	-12.6	-13.0	49.9	5.09	48.9	4.82	48.0	4.55	47.5	4.43	46.6	4.31	45.6	4.07
	-17.3	-18.4	40.6	4.39	39.9	4.16	39.1	3.92	38.7	3.82	37.9	3.72	37.2	3.51
	-21.8	-22.0	34.5	3.88	33.8	3.68	33.2	3.47	32.8	3.38	32.2	3.29	31.5	3.10
70	59.0	56.7	79.4	5.26	77.9	4.98	76.4	4.69	75.6	4.58	74.1	4.46	72.6	4.23
	55.4	53.2	79.4	5.33	77.9	5.04	76.4	4.75	75.6	4.64	74.1	4.52	72.6	4.28
	51.8	49.6	79.4	5.40	77.9	5.11	76.4	4.82	75.6	4.70	74.1	4.58	72.6	4.34
	48.2	46.2	79.4	5.48	77.9	5.18	76.4	4.89	75.6	4.77	74.1	4.65	72.6	4.40
	47.0	43.0	79.4	5.55	77.9	5.25	76.4	4.96	75.6	4.83	74.1	4.71	72.6	4.46
	41.0	39.4	79.4	5.64	77.9	5.34	76.4	5.04	75.6	4.91	74.1	4.79	72.6	4.53
	36.5	35.0	79.4	5.76	77.9	5.45	76.4	5.14	75.6	5.01	74.1	4.88	72.6	4.62
	32.0	30.7	79.4	5.88	77.9	5.57	76.4	5.25	75.6	5.12	74.1	4.99	72.6	4.72
	26.6	25.3	79.4	6.06	77.9	5.73	76.4	5.41	75.6	5.27	74.1	5.13	72.6	4.86
	23.0	21.9	77.1	5.99	75.6	5.67	74.1	5.35	73.4	5.21	71.9	5.08	70.5	4.81
	19.4	18.3	74.3	5.90	72.9	5.58	71.5	5.27	70.8	5.13	69.4	5.00	68.0	4.73
	14.0	13.1	70.4	5.77	69.1	5.46	67.7	5.15	67.1	5.02	65.7	4.89	64.4	4.62
	5.9	5.0	64.3	5.57	63.1	5.27	61.8	4.97	61.2	4.85	60.0	4.72	58.8	4.46
	-3.1	-4.0	57.2	5.32	56.1	5.03	55.0	4.75	54.4	4.63	53.3	4.50	52.3	4.26
	-9.0	-9.4	49.1	4.78	48.1	4.53	47.2	4.28	46.7	4.16	45.8	4.05	44.9	3.83
	-12.6	-13.0	43.7	4.41	42.8	4.17	42.0	3.94	41.6	3.83	40.7	3.73	39.9	3.52
	-17.3	-18.4	35.6	3.80	34.9	3.60	34.2	3.40	33.9	3.31	33.2	3.22	32.5	3.04
	-21.8	-22.0	30.2	3.36	29.6	3.18	29.0	3.01	28.7	2.93	28.2	2.85	27.6	2.69

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1201FT6P-UL/MMY-MUP1201FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	141.8	10.05	139.1	9.51	136.4	8.97	135.0	8.75	132.3	8.53	129.6	8.08
	55.4	53.2	141.8	10.18	139.1	9.63	136.4	9.08	135.0	8.86	132.3	8.63	129.6	8.18
	51.8	49.6	141.8	10.32	139.1	9.77	136.4	9.21	135.0	8.99	132.3	8.76	129.6	8.30
	48.2	46.2	141.8	10.47	139.1	9.91	136.4	9.34	135.0	9.11	132.3	8.88	129.6	8.41
	47.0	43.0	141.8	10.61	139.1	10.04	136.4	9.47	135.0	9.24	132.3	9.00	129.6	8.53
	41.0	39.4	141.8	10.78	139.1	10.21	136.4	9.63	135.0	9.39	132.3	9.15	129.6	8.66
	36.5	35.0	134.7	10.45	132.2	9.89	129.6	9.33	128.3	9.09	125.8	8.86	123.2	8.39
	32.0	30.7	128.6	10.17	126.2	9.63	123.7	9.09	122.5	8.86	120.0	8.63	117.6	8.17
	26.6	25.3	121.0	9.83	118.7	9.30	116.4	8.78	115.2	8.56	112.9	8.34	110.6	7.89
	23.0	21.9	116.1	9.61	113.9	9.10	111.7	8.58	110.6	8.37	108.4	8.15	106.2	7.71
	19.4	18.3	111.0	9.38	108.9	8.88	106.8	8.38	105.7	8.16	103.6	7.95	101.5	7.52
	14.0	13.1	103.6	9.03	101.6	8.55	99.7	8.07	98.7	7.86	96.7	7.66	94.7	7.24
	5.9	5.0	92.1	8.48	90.4	8.03	88.6	7.58	87.8	7.38	86.0	7.19	84.2	6.80
	-3.1	-4.0	74.3	7.33	72.9	6.94	71.4	6.55	70.7	6.38	69.3	6.21	67.9	5.87
	-9.0	-9.4	63.6	6.58	62.4	6.23	61.1	5.88	60.5	5.72	59.3	5.57	58.1	5.26
	-12.6	-13.0	56.4	6.04	55.3	5.72	54.3	5.40	53.7	5.26	52.7	5.12	51.6	4.83
	-17.3	-18.4	45.7	5.19	44.8	4.91	44.0	4.64	43.5	4.52	42.7	4.39	41.8	4.15
	-21.8	-22.0	38.6	4.57	37.8	4.33	37.1	4.08	36.7	3.98	36.0	3.87	35.3	3.65
110	59.0	56.7	144.6	10.10	141.8	9.55	139.1	9.01	137.7	8.79	134.9	8.57	132.2	8.12
	55.4	53.2	144.6	10.22	141.8	9.68	139.1	9.13	137.7	8.90	134.9	8.67	132.2	8.22
	51.8	49.6	144.6	10.37	141.8	9.81	139.1	9.26	137.7	9.03	134.9	8.80	132.2	8.34
	48.2	46.2	144.6	10.51	141.8	9.95	139.1	9.39	137.7	9.15	134.9	8.92	132.2	8.45
	47.0	43.0	144.6	10.66	141.8	10.09	139.1	9.52	137.7	9.28	134.9	9.04	132.2	8.57
	41.0	39.4	144.6	10.83	141.8	10.25	139.1	9.67	137.7	9.43	134.9	9.19	132.2	8.70
	36.5	35.0	137.4	10.49	134.8	9.93	132.2	9.37	130.9	9.14	128.3	8.90	125.7	8.43
	32.0	30.7	131.2	10.22	128.7	9.67	126.2	9.13	124.9	8.90	122.5	8.67	120.0	8.21
	26.6	25.3	123.4	9.88	121.0	9.35	118.7	8.82	117.5	8.60	115.2	8.37	112.8	7.93
	23.0	21.9	118.4	9.65	116.2	9.14	113.9	8.62	112.8	8.40	110.5	8.19	108.3	7.75
	19.4	18.3	113.2	9.42	111.1	8.92	108.9	8.41	107.8	8.20	105.7	7.99	103.5	7.56
	14.0	13.1	105.7	9.07	103.7	8.59	101.7	8.11	100.7	7.90	98.6	7.69	96.6	7.28
	5.9	5.0	94.0	8.52	92.2	8.07	90.4	7.61	89.5	7.42	87.7	7.22	85.9	6.83
	-3.1	-4.0	75.8	7.36	74.3	6.97	72.9	6.58	72.2	6.41	70.7	6.24	69.3	5.89
	-9.0	-9.4	64.8	6.61	63.6	6.26	62.4	5.91	61.7	5.75	60.5	5.60	59.3	5.29
	-12.6	-13.0	57.5	6.07	56.4	5.75	55.4	5.43	54.8	5.29	53.7	5.14	52.6	4.86
	-17.3	-18.4	46.6	5.21	45.7	4.94	44.8	4.66	44.4	4.54	43.5	4.41	42.6	4.17
	-21.8	-22.0	39.3	4.59	38.6	4.35	37.8	4.10	37.5	3.99	36.7	3.89	36.0	3.67
120	59.0	56.7	148.8	10.24	146.0	9.69	143.2	9.14	141.8	8.91	138.9	8.69	136.1	8.23
	55.4	53.2	148.8	10.37	146.0	9.81	143.2	9.26	141.8	9.03	138.9	8.80	136.1	8.34
	51.8	49.6	148.8	10.52	146.0	9.95	143.2	9.39	141.8	9.15	138.9	8.92	136.1	8.45
	48.2	46.2	148.8	10.66	146.0	10.09	143.2	9.52	141.8	9.28	138.9	9.05	136.1	8.57
	47.0	43.0	148.8	10.81	146.0	10.23	143.2	9.65	141.8	9.41	138.9	9.17	136.1	8.69
	41.0	39.4	148.8	10.99	146.0	10.40	143.2	9.81	141.8	9.56	138.9	9.32	136.1	8.83
	36.5	35.0	141.5	10.64	138.8	10.07	136.1	9.50	134.7	9.26	132.1	9.03	129.4	8.55
	32.0	30.7	135.1	10.37	132.5	9.81	129.9	9.26	128.6	9.02	126.1	8.79	123.5	8.32
	26.6	25.3	127.0	10.02	124.6	9.48	122.2	8.95	121.0	8.72	118.6	8.49	116.1	8.04
	23.0	21.9	121.9	9.79	119.6	9.27	117.3	8.75	116.1	8.52	113.8	8.30	111.5	7.86
	19.4	18.3	116.6	9.55	114.3	9.04	112.1	8.53	111.0	8.32	108.8	8.10	106.6	7.66
	14.0	13.1	108.8	9.20	106.7	8.71	104.7	8.22	103.6	8.01	101.5	7.80	99.5	7.38
	5.9	5.0	96.7	8.64	94.9	8.18	93.1	7.72	92.1	7.52	90.3	7.32	88.5	6.93
	-3.1	-4.0	78.0	7.46	76.5	7.07	75.0	6.67	74.3	6.50	72.8	6.33	71.3	5.98
	-9.0	-9.4	66.7	6.70	65.5	6.34	64.2	5.99	63.6	5.83	62.3	5.68	61.0	5.36
	-12.6	-13.0	59.2	6.16	58.1	5.83	57.0	5.51	56.4	5.36	55.3	5.22	54.2	4.93
	-17.3	-18.4	48.0	5.28	47.1	5.01	46.2	4.73	45.7	4.60	44.8	4.48	43.9	4.23
	-21.8	-22.0	40.5	4.65	39.7	4.41	38.9	4.16	38.6	4.05	37.8	3.94	37.0	3.72
130	59.0	56.7	152.4	10.33	149.5	9.77	146.6	9.22	145.1	8.99	142.2	8.76	139.3	8.31
	55.4	53.2	152.4	10.46	149.5	9.90	146.6	9.34	145.1	9.11	142.2	8.88	139.3	8.41
	51.8	49.6	152.4	10.61	149.5	10.04	146.6	9.47	145.1	9.24	142.2	9.00	139.3	8.53
	48.2	46.2	152.4	10.76	149.5	10.18	146.6	9.60	145.1	9.37	142.2	9.13	139.3	8.65
	47.0	43.0	152.4	10.91	149.5	10.32	146.6	9.74	145.1	9.50	142.2	9.25	139.3	8.77
	41.0	39.4	152.4	11.08	149.5	10.49	146.6	9.90	145.1	9.65	142.2	9.40	139.3	8.91
	36.5	35.0	144.9	10.74	142.1	10.16	139.3	9.59	138.0	9.35	135.2	9.11	132.4	8.62
	32.0	30.7	138.3	10.46	135.6	9.90	133.0	9.34	131.7	9.10	129.1	8.87	126.4	8.40
	26.6	25.3	130.0	10.10	127.6	9.56	125.1	9.02	123.8	8.80	121.4	8.57	118.9	8.11
	23.0	21.9	124.8	9.88	122.5	9.35	120.1	8.82	118.9	8.60	116.5	8.38	114.1	7.93
	19.4	18.3	119.3	9.64	117.1	9.12	114.8	8.61	113.7	8.39	111.4	8.17	109.1	7.73
	14.0	13.1	111.4	9.28	109.3	8.79	107.1	8.29	106.1	8.08	104.0	7.87	101.8	7.44
	5.9	5.0	99.0	8.72	97.2	8.25	95.3	7.79	94.3	7.59	92.4	7.39	90.6	6.99
	-3.1	-4.0	79.8	7.53	78.3	7.13	76.8	6.73	76.0	6.56	74.5	6.38	73.0	6.03
	-9.0	-9.4	68.3	6.76	67.0	6.40	65.7	6.04	65.1	5.88	63.8	5.73	62.5	5.41
	-12.6	-13.0	60.6	6.21	59.5	5.88	58.3	5.55	57.8	5.41	56.6	5.26	55.4	4.97
	-17.3	-18.4	49.1	5.33	48.2	5.05	47.3	4.77	46.8	4.64	45.9	4.52	44.9	4.26
	-21.8	-22.0	41.4	4.69	40.7	4.45	39.9	4.20	39.5	4.09	38.7	3.98	37.9	3.75

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	127.6	8.95	125.1	8.47	122.7	7.99	121.5	7.79	119.1	7.59	116.6	7.20
	55.4	53.2	127.6	9.06	125.1	8.58	122.7	8.09	121.5	7.89	119.1	7.69	116.6	7.29
	51.8	49.6	127.6	9.19	125.1	8.70	122.7	8.20	121.5	8.00	119.1	7.80	116.6	7.39
	48.2	46.2	127.6	9.32	125.1	8.82	122.7	8.32	121.5	8.11	119.1	7.90	116.6	7.49
	47.0	43.0	127.6	9.45	125.1	8.94	122.7	8.44	121.5	8.22	119.1	8.01	116.6	7.59
	41.0	39.4	127.6	9.60	125.1	9.09	122.7	8.57	121.5	8.36	119.1	8.14	116.6	7.71
	36.5	35.0	121.3	9.30	119.0	8.80	116.7	8.30	115.5	8.10	113.2	7.89	110.9	7.47
	32.0	30.7	115.8	9.06	113.6	8.57	111.4	8.09	110.2	7.89	108.0	7.68	105.8	7.27
	26.6	25.3	108.9	8.75	106.8	8.28	104.7	7.82	103.7	7.62	101.6	7.42	99.5	7.03
	23.0	21.9	104.5	8.56	102.5	8.10	100.5	7.64	99.5	7.45	97.5	7.25	95.6	6.87
	19.4	18.3	99.9	8.35	98.0	7.90	96.1	7.46	95.2	7.27	93.3	7.08	91.4	6.70
	14.0	13.1	93.3	8.04	91.5	7.61	89.7	7.18	88.8	7.00	87.0	6.82	85.3	6.45
	5.9	5.0	82.9	7.55	81.3	7.15	79.8	6.75	79.0	6.57	77.4	6.40	75.8	6.05
	-3.1	-4.0	66.8	6.52	65.6	6.18	64.3	5.83	63.7	5.68	62.4	5.53	61.1	5.22
	-9.0	-9.4	57.2	5.85	56.1	5.54	55.0	5.23	54.5	5.10	53.4	4.96	52.3	4.69
	-12.6	-13.0	50.8	5.38	49.8	5.10	48.8	4.81	48.4	4.68	47.4	4.56	46.4	4.30
	-17.3	-18.4	41.1	4.62	40.3	4.37	39.6	4.13	39.2	4.02	38.4	3.91	37.6	3.69
	-21.8	-22.0	34.7	4.07	34.0	3.85	33.4	3.64	33.0	3.54	32.4	3.44	31.7	3.25
80	59.0	56.7	113.4	7.87	111.2	7.45	109.1	7.02	108.0	6.85	105.8	6.68	103.7	6.33
	55.4	53.2	113.4	7.97	111.2	7.54	109.1	7.11	108.0	6.94	105.8	6.76	103.7	6.41
	51.8	49.6	113.4	8.08	111.2	7.65	109.1	7.21	108.0	7.04	105.8	6.86	103.7	6.50
	48.2	46.2	113.4	8.20	111.2	7.76	109.1	7.32	108.0	7.13	105.8	6.95	103.7	6.59
	47.0	43.0	113.4	8.31	111.2	7.86	109.1	7.42	108.0	7.23	105.8	7.05	103.7	6.68
	41.0	39.4	113.4	8.44	111.2	7.99	109.1	7.54	108.0	7.35	105.8	7.16	103.7	6.78
	36.5	35.0	107.8	8.18	105.7	7.74	103.7	7.30	102.7	7.12	100.6	6.94	98.6	6.57
	32.0	30.7	102.9	7.97	100.9	7.54	99.0	7.11	98.0	6.93	96.0	6.76	94.1	6.40
	26.6	25.3	96.8	7.70	94.9	7.29	93.1	6.87	92.2	6.70	90.3	6.53	88.5	6.18
	23.0	21.9	92.9	7.52	91.1	7.12	89.4	6.72	88.5	6.55	86.7	6.38	84.9	6.04
	19.4	18.3	88.8	7.34	87.1	6.95	85.4	6.56	84.6	6.39	82.9	6.22	81.2	5.89
	14.0	13.1	82.9	7.07	81.3	6.69	79.7	6.32	78.9	6.16	77.4	5.99	75.8	5.67
	5.9	5.0	73.7	6.64	72.3	6.29	70.9	5.93	70.2	5.78	68.8	5.63	67.4	5.32
	-3.1	-4.0	59.4	5.74	58.3	5.43	57.2	5.13	56.6	4.99	55.5	4.86	54.3	4.59
	-9.0	-9.4	50.8	5.15	49.9	4.88	48.9	4.60	48.4	4.48	47.5	4.36	46.5	4.12
	-12.6	-13.0	45.1	4.73	44.3	4.48	43.4	4.23	43.0	4.12	42.1	4.01	41.3	3.79
	-17.3	-18.4	36.6	4.06	35.9	3.85	35.2	3.63	34.8	3.54	34.1	3.44	33.4	3.25
	-21.8	-22.0	30.8	3.58	30.3	3.39	29.7	3.20	29.4	3.11	28.8	3.03	28.2	2.86
70	59.0	56.7	99.2	6.81	97.3	6.45	95.4	6.08	94.5	5.93	92.6	5.78	90.7	5.48
	55.4	53.2	99.2	6.90	97.3	6.53	95.4	6.16	94.5	6.01	92.6	5.85	90.7	5.55
	51.8	49.6	99.2	7.00	97.3	6.62	95.4	6.25	94.5	6.09	92.6	5.94	90.7	5.63
	48.2	46.2	99.2	7.10	97.3	6.72	95.4	6.33	94.5	6.18	92.6	6.02	90.7	5.70
	47.0	43.0	99.2	7.19	97.3	6.81	95.4	6.42	94.5	6.26	92.6	6.10	90.7	5.78
	41.0	39.4	99.2	7.31	97.3	6.92	95.4	6.53	94.5	6.36	92.6	6.20	90.7	5.87
	36.5	35.0	94.3	7.08	92.5	6.70	90.7	6.32	89.8	6.16	88.0	6.01	86.2	5.69
	32.0	30.7	90.0	6.90	88.3	6.53	86.6	6.16	85.7	6.00	84.0	5.85	82.3	5.54
	26.6	25.3	84.7	6.66	83.1	6.31	81.5	5.95	80.6	5.80	79.0	5.65	77.4	5.35
	23.0	21.9	81.3	6.51	79.7	6.17	78.2	5.82	77.4	5.67	75.9	5.52	74.3	5.23
	19.4	18.3	77.7	6.36	76.2	6.02	74.8	5.68	74.0	5.53	72.5	5.39	71.1	5.10
	14.0	13.1	72.5	6.12	71.2	5.80	69.8	5.47	69.1	5.33	67.7	5.19	66.3	4.91
	5.9	5.0	64.5	5.75	63.3	5.44	62.0	5.14	61.4	5.01	60.2	4.87	59.0	4.61
	-3.1	-4.0	52.0	4.97	51.0	4.70	50.0	4.44	49.5	4.32	48.5	4.21	47.5	3.98
	-9.0	-9.4	44.5	4.46	43.6	4.22	42.8	3.99	42.4	3.88	41.5	3.78	40.7	3.57
	-12.6	-13.0	39.5	4.10	38.7	3.88	38.0	3.66	37.6	3.57	36.9	3.47	36.1	3.28
	-17.3	-18.4	32.0	3.52	31.4	3.33	30.8	3.14	30.5	3.06	29.9	2.98	29.2	2.81
	-21.8	-22.0	27.0	3.10	26.5	2.93	26.0	2.77	25.7	2.70	25.2	2.62	24.7	2.47

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1441FT6P-UL/MMY-MUP1441FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	170.1	12.41	166.9	11.75	163.6	11.08	162.0	10.81	158.8	10.53	155.5	9.98
	55.4	53.2	170.1	12.57	166.9	11.90	163.6	11.22	162.0	10.94	158.8	10.67	155.5	10.11
	51.8	49.6	170.1	12.75	166.9	12.07	163.6	11.38	162.0	11.10	158.8	10.82	155.5	10.25
	48.2	46.2	170.1	12.93	166.9	12.24	163.6	11.54	162.0	11.26	158.8	10.97	155.5	10.39
	47.0	43.0	170.1	13.11	166.9	12.41	163.6	11.70	162.0	11.41	158.8	11.12	155.5	10.53
	41.0	39.4	170.1	13.32	166.9	12.61	163.6	11.89	162.0	11.60	158.8	11.30	155.5	10.70
	36.5	35.0	170.1	13.59	166.9	12.87	163.6	12.14	162.0	11.83	158.8	11.53	155.5	10.92
	32.0	30.7	170.1	13.89	166.9	13.15	163.6	12.40	162.0	12.09	158.8	11.78	155.5	11.15
	26.6	25.3	170.1	14.30	166.9	13.53	163.6	12.77	162.0	12.45	158.8	12.12	155.5	11.48
	23.0	21.9	163.6	14.00	160.4	13.25	157.3	12.51	155.8	12.19	152.6	11.87	149.5	11.24
	19.4	18.3	155.9	13.62	152.9	12.89	150.0	12.16	148.5	11.85	145.5	11.54	142.5	10.92
	14.0	13.1	144.8	13.05	142.0	12.35	139.3	11.66	137.9	11.36	135.1	11.06	132.4	10.46
	5.9	5.0	127.6	12.14	125.1	11.49	122.7	10.85	121.5	10.57	119.1	10.29	116.6	9.73
	-3.1	-4.0	105.5	10.76	103.5	10.19	101.4	9.61	100.4	9.36	98.4	9.11	96.4	8.61
	-9.0	-9.4	88.1	9.42	86.4	8.92	84.8	8.42	83.9	8.20	82.2	7.98	80.6	7.54
	-12.6	-13.0	76.5	8.46	75.1	8.02	73.6	7.57	72.9	7.37	71.4	7.17	70.0	6.77
	-17.3	-18.4	59.2	6.93	58.1	6.56	56.9	6.19	56.4	6.03	55.2	5.87	54.1	5.54
	-21.8	-22.0	47.6	5.81	46.7	5.50	45.8	5.20	45.4	5.06	44.5	4.92	43.5	4.64
110	59.0	56.7	173.5	12.47	170.2	11.80	166.9	11.13	165.2	10.86	161.9	10.58	158.6	10.03
	55.4	53.2	173.5	12.63	170.2	11.95	166.9	11.27	165.2	11.00	161.9	10.72	158.6	10.16
	51.8	49.6	173.5	12.81	170.2	12.12	166.9	11.43	165.2	11.15	161.9	10.87	158.6	10.30
	48.2	46.2	173.5	12.99	170.2	12.29	166.9	11.60	165.2	11.31	161.9	11.02	158.6	10.44
	47.0	43.0	173.5	13.17	170.2	12.46	166.9	11.76	165.2	11.46	161.9	11.17	158.6	10.58
	41.0	39.4	173.5	13.38	170.2	12.67	166.9	11.95	165.2	11.65	161.9	11.35	158.6	10.75
	36.5	35.0	173.5	13.66	170.2	12.93	166.9	12.19	165.2	11.89	161.9	11.58	158.6	10.97
	32.0	30.7	173.5	13.95	170.2	13.21	166.9	12.46	165.2	12.15	161.9	11.83	158.6	11.21
	26.6	25.3	173.5	14.36	170.2	13.60	166.9	12.83	165.2	12.50	161.9	12.18	158.6	11.53
	23.0	21.9	166.8	14.06	163.6	13.31	160.5	12.56	158.9	12.24	155.7	11.93	152.5	11.29
	19.4	18.3	159.0	13.68	156.0	12.95	153.0	12.22	151.4	11.91	148.4	11.60	145.4	10.98
	14.0	13.1	147.7	13.11	144.9	12.41	142.1	11.71	140.7	11.41	137.8	11.11	135.0	10.51
	5.9	5.0	130.1	12.19	127.6	11.55	125.2	10.90	123.9	10.62	121.5	10.34	119.0	9.77
	-3.1	-4.0	107.6	10.81	105.5	10.23	103.5	9.66	102.4	9.41	100.4	9.16	98.4	8.65
	-9.0	-9.4	89.9	9.46	88.2	8.96	86.5	8.46	85.6	8.24	83.9	8.01	82.2	7.57
	-12.6	-13.0	78.1	8.50	76.6	8.05	75.1	7.60	74.4	7.40	72.9	7.20	71.4	6.80
	-17.3	-18.4	60.4	6.96	59.2	6.59	58.1	6.22	57.5	6.06	56.4	5.89	55.2	5.56
	-21.8	-22.0	48.6	5.84	47.7	5.53	46.7	5.22	46.3	5.08	45.3	4.94	44.4	4.67
120	59.0	56.7	178.6	12.65	175.2	11.97	171.8	11.29	170.1	11.01	166.7	10.73	163.3	10.17
	55.4	53.2	178.6	12.81	175.2	12.12	171.8	11.43	170.1	11.15	166.7	10.87	163.3	10.30
	51.8	49.6	178.6	12.99	175.2	12.29	171.8	11.60	170.1	11.31	166.7	11.02	163.3	10.44
	48.2	46.2	178.6	13.17	175.2	12.47	171.8	11.76	170.1	11.47	166.7	11.17	163.3	10.59
	47.0	43.0	178.6	13.36	175.2	12.64	171.8	11.92	170.1	11.63	166.7	11.33	163.3	10.73
	41.0	39.4	178.6	13.57	175.2	12.84	171.8	12.12	170.1	11.81	166.7	11.51	163.3	10.90
	36.5	35.0	178.6	13.85	175.2	13.11	171.8	12.37	170.1	12.06	166.7	11.75	163.3	11.12
	32.0	30.7	178.6	14.15	175.2	13.39	171.8	12.64	170.1	12.32	166.7	12.00	163.3	11.36
	26.6	25.3	178.6	14.57	175.2	13.79	171.8	13.01	170.1	12.68	166.7	12.35	163.3	11.69
	23.0	21.9	171.7	14.26	168.5	13.50	165.2	12.74	163.6	12.42	160.3	12.09	157.0	11.45
	19.4	18.3	163.7	13.87	160.6	13.13	157.5	12.39	155.9	12.08	152.8	11.76	149.7	11.13
	14.0	13.1	152.0	13.29	149.1	12.59	146.2	11.88	144.8	11.57	141.9	11.27	139.0	10.66
	5.9	5.0	134.0	12.37	131.4	11.71	128.9	11.05	127.6	10.77	125.0	10.48	122.5	9.91
	-3.1	-4.0	110.7	10.96	108.6	10.38	106.5	9.80	105.5	9.54	103.4	9.29	101.2	8.78
	-9.0	-9.4	92.5	9.59	90.8	9.09	89.0	8.58	88.1	8.35	86.3	8.13	84.6	7.68
	-12.6	-13.0	80.4	8.62	78.8	8.17	77.3	7.71	76.5	7.51	75.0	7.30	73.5	6.90
	-17.3	-18.4	62.2	7.06	61.0	6.68	59.8	6.31	59.2	6.14	58.0	5.98	56.8	5.64
	-21.8	-22.0	50.0	5.92	49.1	5.61	48.1	5.30	47.6	5.15	46.7	5.01	45.7	4.73
130	59.0	56.7	182.9	12.76	179.4	12.07	175.9	11.39	174.2	11.11	170.7	10.83	167.2	10.26
	55.4	53.2	182.9	12.92	179.4	12.23	175.9	11.54	174.2	11.25	170.7	10.96	167.2	10.39
	51.8	49.6	182.9	13.11	179.4	12.40	175.9	11.70	174.2	11.41	170.7	11.12	167.2	10.54
	48.2	46.2	182.9	13.29	179.4	12.58	175.9	11.86	174.2	11.57	170.7	11.27	167.2	10.68
	47.0	43.0	182.9	13.47	179.4	12.75	175.9	12.03	174.2	11.73	170.7	11.43	167.2	10.83
	41.0	39.4	182.9	13.69	179.4	12.96	175.9	12.23	174.2	11.92	170.7	11.61	167.2	11.00
	36.5	35.0	182.9	13.97	179.4	13.22	175.9	12.48	174.2	12.16	170.7	11.85	167.2	11.22
	32.0	30.7	182.9	14.28	179.4	13.51	175.9	12.75	174.2	12.43	170.7	12.11	167.2	11.46
	26.6	25.3	182.9	14.70	179.4	13.91	175.9	13.13	174.2	12.79	170.7	12.46	167.2	11.80
	23.0	21.9	175.8	14.39	172.5	13.62	169.1	12.85	167.4	12.53	164.1	12.20	160.7	11.55
	19.4	18.3	167.6	14.00	164.4	13.25	161.2	12.50	159.6	12.18	156.4	11.87	153.2	11.23
	14.0	13.1	155.7	13.41	152.7	12.70	149.7	11.98	148.2	11.68	145.3	11.37	142.3	10.76
	5.9	5.0	137.1	12.48	134.5	11.81	131.9	11.15	130.6	10.86	128.0	10.57	125.4	10.00
	-3.1	-4.0	113.4	11.06	111.2	10.47	109.1	9.88	108.0	9.63	105.8	9.37	103.7	8.85
	-9.0	-9.4	94.7	9.68	92.9	9.17	91.1	8.65	90.2	8.43	88.4	8.20	86.6	7.75
	-12.6	-13.0	82.3	8.70	80.7	8.24	79.2	7.78	78.4	7.57	76.8	7.37	75.2	6.96
	-17.3	-18.4	63.6	7.12	62.4	6.74	61.2	6.37	60.6	6.20	59.4	6.03	58.2	5.69
	-21.8	-22.0	51.2	5.97	50.2	5.66	49.2	5.34	48.8	5.20	47.8	5.06	46.8	4.77

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	153.1	11.05	150.2	10.46	147.3	9.86	145.8	9.62	142.9	9.38	140.0	8.89
	55.4	53.2	153.1	11.19	150.2	10.59	147.3	9.99	145.8	9.74	142.9	9.50	140.0	9.00
	51.8	49.6	153.1	11.35	150.2	10.74	147.3	10.13	145.8	9.88	142.9	9.63	140.0	9.13
	48.2	46.2	153.1	11.51	150.2	10.89	147.3	10.28	145.8	10.02	142.9	9.76	140.0	9.25
	47.0	43.0	153.1	11.67	150.2	11.05	147.3	10.42	145.8	10.16	142.9	9.90	140.0	9.38
	41.0	39.4	153.1	11.86	150.2	11.22	147.3	10.59	145.8	10.32	142.9	10.06	140.0	9.53
	36.5	35.0	153.1	12.10	150.2	11.45	147.3	10.81	145.8	10.54	142.9	10.26	140.0	9.72
	32.0	30.7	153.1	12.37	150.2	11.70	147.3	11.04	145.8	10.77	142.9	10.49	140.0	9.93
	26.6	25.3	153.1	12.73	150.2	12.05	147.3	11.37	145.8	11.08	142.9	10.79	140.0	10.22
	23.0	21.9	147.2	12.46	144.4	11.80	141.6	11.13	140.2	10.85	137.4	10.57	134.6	10.00
	19.4	18.3	140.3	12.12	137.6	11.48	135.0	10.83	133.6	10.55	131.0	10.28	128.3	9.73
	14.0	13.1	130.3	11.62	127.8	11.00	125.4	10.38	124.1	10.11	121.6	9.85	119.1	9.32
	5.9	5.0	114.8	10.81	112.6	10.23	110.4	9.66	109.4	9.41	107.2	9.16	105.0	8.66
	-3.1	-4.0	94.9	9.58	93.1	9.07	91.3	8.56	90.4	8.34	88.6	8.11	86.8	7.67
	-9.0	-9.4	79.3	8.38	77.8	7.94	76.3	7.50	75.5	7.30	74.0	7.10	72.5	6.71
	-12.6	-13.0	68.9	7.54	67.6	7.14	66.3	6.74	65.6	6.56	64.3	6.38	63.0	6.03
	-17.3	-18.4	53.3	6.17	52.3	5.84	51.2	5.51	50.7	5.37	49.7	5.22	48.7	4.93
	-21.8	-22.0	42.9	5.17	42.0	4.90	41.2	4.63	40.8	4.50	40.0	4.38	39.2	4.13
80	59.0	56.7	136.1	9.72	133.5	9.20	130.9	8.68	129.6	8.46	127.0	8.25	124.4	7.82
	55.4	53.2	136.1	9.84	133.5	9.32	130.9	8.79	129.6	8.57	127.0	8.35	124.4	7.92
	51.8	49.6	136.1	9.98	133.5	9.45	130.9	8.91	129.6	8.69	127.0	8.47	124.4	8.03
	48.2	46.2	136.1	10.12	133.5	9.58	130.9	9.04	129.6	8.81	127.0	8.59	124.4	8.14
	47.0	43.0	136.1	10.26	133.5	9.71	130.9	9.16	129.6	8.94	127.0	8.71	124.4	8.25
	41.0	39.4	136.1	10.43	133.5	9.87	130.9	9.31	129.6	9.08	127.0	8.85	124.4	8.38
	36.5	35.0	136.1	10.64	133.5	10.07	130.9	9.50	129.6	9.27	127.0	9.03	124.4	8.55
	32.0	30.7	136.1	10.88	133.5	10.29	130.9	9.71	129.6	9.47	127.0	9.22	124.4	8.73
	26.6	25.3	136.1	11.19	133.5	10.60	130.9	10.00	129.6	9.75	127.0	9.49	124.4	8.99
	23.0	21.9	130.8	10.96	128.3	10.38	125.9	9.79	124.6	9.54	122.1	9.29	119.6	8.80
	19.4	18.3	124.7	10.66	122.3	10.09	120.0	9.52	118.8	9.28	116.4	9.04	114.0	8.55
	14.0	13.1	115.8	10.22	113.6	9.67	111.4	9.13	110.3	8.89	108.1	8.66	105.9	8.19
	5.9	5.0	102.1	9.50	100.1	9.00	98.2	8.49	97.2	8.27	95.3	8.06	93.3	7.62
	-3.1	-4.0	84.4	8.42	82.8	7.98	81.2	7.53	80.4	7.33	78.7	7.14	77.1	6.74
	-9.0	-9.4	70.5	7.37	69.1	6.98	67.8	6.59	67.1	6.42	65.8	6.25	64.4	5.90
	-12.6	-13.0	61.2	6.63	60.1	6.28	58.9	5.93	58.3	5.77	57.2	5.61	56.0	5.30
	-17.3	-18.4	47.4	5.42	46.5	5.14	45.6	4.85	45.1	4.72	44.2	4.59	43.3	4.34
	-21.8	-22.0	38.1	4.55	37.4	4.31	36.7	4.07	36.3	3.96	35.6	3.85	34.8	3.64
70	59.0	56.7	119.1	8.42	116.8	7.96	114.5	7.51	113.4	7.33	111.1	7.14	108.9	6.77
	55.4	53.2	119.1	8.52	116.8	8.07	114.5	7.61	113.4	7.42	111.1	7.23	108.9	6.85
	51.8	49.6	119.1	8.64	116.8	8.18	114.5	7.72	113.4	7.52	111.1	7.33	108.9	6.95
	48.2	46.2	119.1	8.77	116.8	8.30	114.5	7.83	113.4	7.63	111.1	7.44	108.9	7.05
	47.0	43.0	119.1	8.89	116.8	8.41	114.5	7.93	113.4	7.74	111.1	7.54	108.9	7.14
	41.0	39.4	119.1	9.03	116.8	8.55	114.5	8.06	113.4	7.86	111.1	7.66	108.9	7.26
	36.5	35.0	119.1	9.22	116.8	8.72	114.5	8.23	113.4	8.02	111.1	7.82	108.9	7.40
	32.0	30.7	119.1	9.42	116.8	8.91	114.5	8.41	113.4	8.20	111.1	7.99	108.9	7.56
	26.6	25.3	119.1	9.69	116.8	9.17	114.5	8.66	113.4	8.44	111.1	8.22	108.9	7.78
	23.0	21.9	114.5	9.49	112.3	8.98	110.1	8.48	109.0	8.26	106.9	8.05	104.7	7.62
	19.4	18.3	109.1	9.23	107.0	8.74	105.0	8.25	103.9	8.04	101.9	7.83	99.8	7.41
	14.0	13.1	101.4	8.85	99.4	8.37	97.5	7.90	96.5	7.70	94.6	7.50	92.7	7.09
	5.9	5.0	89.3	8.23	87.6	7.79	85.9	7.35	85.1	7.16	83.3	6.97	81.6	6.59
	-3.1	-4.0	73.8	7.29	72.4	6.91	71.0	6.52	70.3	6.35	68.9	6.18	67.5	5.84
	-9.0	-9.4	61.7	6.38	60.5	6.05	59.3	5.71	58.7	5.56	57.6	5.41	56.4	5.11
	-12.6	-13.0	53.6	5.74	52.6	5.43	51.5	5.13	51.0	5.00	50.0	4.86	49.0	4.59
	-17.3	-18.4	41.4	4.70	40.6	4.45	39.9	4.20	39.5	4.09	38.7	3.98	37.9	3.75
	-21.8	-22.0	33.3	3.94	32.7	3.73	32.1	3.52	31.8	3.43	31.1	3.34	30.5	3.15

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1681FT6P-UL/MMY-MUP1681FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	198.5	15.48	194.7	14.65	190.9	13.82	189.0	13.48	185.2	13.14	181.4	12.45
	55.4	53.2	198.5	15.68	194.7	14.84	190.9	14.00	189.0	13.65	185.2	13.30	181.4	12.61
	51.8	49.6	198.5	15.90	194.7	15.05	190.9	14.20	189.0	13.84	185.2	13.49	181.4	12.79
	48.2	46.2	198.5	16.13	194.7	15.26	190.9	14.40	189.0	14.04	185.2	13.68	181.4	12.96
	47.0	43.0	198.5	16.35	194.7	15.47	190.9	14.60	189.0	14.23	185.2	13.87	181.4	13.14
	41.0	39.4	198.5	16.62	194.7	15.73	190.9	14.84	189.0	14.46	185.2	14.09	181.4	13.35
	36.5	35.0	198.5	16.96	194.7	16.05	190.9	15.14	189.0	14.76	185.2	14.38	181.4	13.62
	32.0	30.7	188.6	16.44	185.0	15.56	181.4	14.68	179.6	14.31	176.0	13.94	172.4	13.20
	26.6	25.3	176.1	15.77	172.7	14.92	169.4	14.08	167.7	13.72	164.3	13.37	161.0	12.66
	23.0	21.9	168.2	15.33	165.0	14.51	161.8	13.69	160.2	13.35	157.0	13.00	153.8	12.30
	19.4	18.3	159.8	14.87	156.8	14.07	153.7	13.28	152.2	12.94	149.2	12.60	146.1	11.93
	14.0	13.1	147.7	14.18	144.9	13.42	142.1	12.67	140.7	12.34	137.9	12.02	135.1	11.37
	5.9	5.0	129.0	13.07	126.5	12.37	124.1	11.68	122.9	11.38	120.4	11.08	117.9	10.47
	-3.1	-4.0	105.2	11.42	103.2	10.82	101.2	10.21	100.2	9.94	98.2	9.68	96.2	9.15
	-9.0	-9.4	89.7	10.22	88.0	9.67	86.3	9.13	85.4	8.89	83.7	8.65	82.0	8.18
	-12.6	-13.0	79.4	9.36	77.9	8.86	76.4	8.37	75.6	8.15	74.1	7.93	72.6	7.49
	-17.3	-18.4	63.9	7.98	62.7	7.56	61.5	7.14	60.9	6.95	59.6	6.76	58.4	6.38
	-21.8	-22.0	53.6	6.98	52.6	6.62	51.5	6.25	51.0	6.08	50.0	5.91	49.0	5.58
110	59.0	56.7	202.4	15.56	198.6	14.72	194.7	13.88	192.8	13.54	188.9	13.20	185.1	12.51
	55.4	53.2	202.4	15.76	198.6	14.91	194.7	14.06	192.8	13.72	188.9	13.37	185.1	12.67
	51.8	49.6	202.4	15.98	198.6	15.12	194.7	14.26	192.8	13.91	188.9	13.55	185.1	12.85
	48.2	46.2	202.4	16.20	198.6	15.33	194.7	14.46	192.8	14.10	188.9	13.74	185.1	13.02
	47.0	43.0	202.4	16.43	198.6	15.55	194.7	14.67	192.8	14.30	188.9	13.93	185.1	13.20
	41.0	39.4	202.4	16.69	198.6	15.80	194.7	14.90	192.8	14.53	188.9	14.16	185.1	13.41
	36.5	35.0	202.4	17.03	198.6	16.12	194.7	15.21	192.8	14.83	188.9	14.45	185.1	13.68
	32.0	30.7	192.4	16.52	188.7	15.63	185.0	14.75	183.2	14.38	179.5	14.01	175.9	13.26
	26.6	25.3	179.6	15.84	176.2	14.99	172.8	14.15	171.1	13.79	167.6	13.43	164.2	12.71
	23.0	21.9	171.5	15.40	168.3	14.58	165.0	13.76	163.4	13.41	160.1	13.06	156.8	12.36
	19.4	18.3	163.0	14.94	159.9	14.14	156.8	13.34	155.3	13.00	152.2	12.66	149.1	11.98
	14.0	13.1	150.7	14.25	147.8	13.49	145.0	12.73	143.5	12.40	140.7	12.08	137.8	11.42
	5.9	5.0	131.6	13.13	129.1	12.43	126.6	11.73	125.3	11.43	122.8	11.13	120.3	10.52
	-3.1	-4.0	107.3	11.48	105.2	10.87	103.2	10.26	102.2	9.99	100.1	9.72	98.1	9.19
	-9.0	-9.4	91.5	10.26	89.8	9.72	88.0	9.18	87.1	8.93	85.4	8.69	83.7	8.21
	-12.6	-13.0	81.0	9.40	79.4	8.91	77.9	8.41	77.1	8.19	75.6	7.97	74.0	7.52
	-17.3	-18.4	65.2	8.02	63.9	7.60	62.7	7.17	62.1	6.98	60.8	6.79	59.6	6.41
	-21.8	-22.0	54.7	7.02	53.6	6.65	52.6	6.28	52.1	6.11	51.0	5.94	50.0	5.61
120	59.0	56.7	208.4	15.78	204.4	14.93	200.4	14.08	198.5	13.73	194.5	13.38	190.5	12.69
	55.4	53.2	208.4	15.98	204.4	15.12	200.4	14.26	198.5	13.91	194.5	13.56	190.5	12.85
	51.8	49.6	208.4	16.20	204.4	15.33	200.4	14.47	198.5	14.11	194.5	13.75	190.5	13.03
	48.2	46.2	208.4	16.43	204.4	15.55	200.4	14.67	198.5	14.30	194.5	13.94	190.5	13.21
	47.0	43.0	208.4	16.66	204.4	15.77	200.4	14.87	198.5	14.50	194.5	14.13	190.5	13.39
	41.0	39.4	208.4	16.93	204.4	16.02	200.4	15.12	198.5	14.74	194.5	14.36	190.5	13.60
	36.5	35.0	208.4	17.28	204.4	16.35	200.4	15.43	198.5	15.04	194.5	14.65	190.5	13.88
	32.0	30.7	198.0	16.75	194.2	15.85	190.5	14.96	188.6	14.58	184.8	14.20	181.0	13.45
	26.6	25.3	184.9	16.06	181.4	15.21	177.8	14.35	176.1	13.98	172.6	13.62	169.0	12.89
	23.0	21.9	176.6	15.62	173.2	14.79	169.8	13.95	168.2	13.60	164.8	13.24	161.4	12.54
	19.4	18.3	167.8	15.15	164.6	14.34	161.4	13.53	159.8	13.19	156.6	12.84	153.4	12.15
	14.0	13.1	155.1	14.45	152.2	13.68	149.2	12.91	147.7	12.58	144.8	12.25	141.8	11.59
	5.9	5.0	135.4	13.31	132.9	12.61	130.3	11.90	129.0	11.59	126.4	11.28	123.8	10.67
	-3.1	-4.0	110.4	11.64	108.3	11.02	106.2	10.40	105.2	10.13	103.1	9.86	101.0	9.32
	-9.0	-9.4	94.2	10.41	92.4	9.86	90.6	9.31	89.7	9.06	87.9	8.82	86.1	8.33
	-12.6	-13.0	83.3	9.54	81.8	9.03	80.2	8.53	79.4	8.30	77.8	8.08	76.2	7.63
	-17.3	-18.4	67.1	8.13	65.8	7.70	64.5	7.27	63.9	7.08	62.6	6.89	61.3	6.50
	-21.8	-22.0	56.3	7.12	55.2	6.74	54.1	6.37	53.6	6.20	52.5	6.03	51.4	5.69
130	59.0	56.7	213.3	15.92	209.3	15.06	205.2	14.21	203.2	13.85	199.1	13.50	195.0	12.80
	55.4	53.2	213.3	16.12	209.3	15.25	205.2	14.39	203.2	14.03	199.1	13.68	195.0	12.96
	51.8	49.6	213.3	16.35	209.3	15.47	205.2	14.59	203.2	14.23	199.1	13.87	195.0	13.14
	48.2	46.2	213.3	16.58	209.3	15.69	205.2	14.80	203.2	14.43	199.1	14.06	195.0	13.33
	47.0	43.0	213.3	16.81	209.3	15.91	205.2	15.01	203.2	14.63	199.1	14.26	195.0	13.51
	41.0	39.4	213.3	17.08	209.3	16.16	205.2	15.25	203.2	14.87	199.1	14.49	195.0	13.72
	36.5	35.0	213.3	17.43	209.3	16.50	205.2	15.56	203.2	15.17	199.1	14.78	195.0	14.00
	32.0	30.7	202.7	16.90	198.9	15.99	195.0	15.09	193.1	14.71	189.2	14.33	185.4	13.57
	26.6	25.3	189.3	16.21	185.7	15.34	182.1	14.47	180.3	14.11	176.7	13.74	173.1	13.01
	23.0	21.9	180.8	15.76	177.3	14.92	173.9	14.08	172.2	13.72	168.7	13.36	165.3	12.65
	19.4	18.3	171.8	15.28	168.5	14.47	165.3	13.65	163.6	13.30	160.4	12.96	157.1	12.26
	14.0	13.1	158.8	14.57	155.8	13.80	152.8	13.02	151.3	12.69	148.2	12.35	145.2	11.69
	5.9	5.0	138.7	13.43	136.0	12.72	133.4	12.00	132.1	11.69	129.4	11.38	126.8	10.77
	-3.1	-4.0	113.1	11.74	110.9	11.12	108.8	10.49	107.7	10.22	105.5	9.95	103.4	9.40
	-9.0	-9.4	96.4	10.50	94.6	9.94	92.8	9.39	91.8	9.14	90.0	8.90	88.2	8.40
	-12.6	-13.0	85.3	9.62	83.7	9.11	82.1	8.60	81.3	8.38	79.6	8.15	78.0	7.70
	-17.3	-18.4	68.7	8.20	67.4	7.77	66.1	7.34	65.4	7.14	64.1	6.95	62.8	6.56
	-21.8	-22.0	57.6	7.18	56.5	6.80	55.4	6.42	54.9	6.25	53.8	6.08	52.7	5.74

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	178.6	13.79	175.2	13.05	171.8	12.30	170.1	12.00	166.7	11.70	163.3	11.09
	55.4	53.2	178.6	13.96	175.2	13.21	171.8	12.46	170.1	12.15	166.7	11.85	163.3	11.23
	51.8	49.6	178.6	14.16	175.2	13.40	171.8	12.64	170.1	12.33	166.7	12.01	163.3	11.38
	48.2	46.2	178.6	14.36	175.2	13.59	171.8	12.82	170.1	12.50	166.7	12.18	163.3	11.54
	47.0	43.0	178.6	14.56	175.2	13.78	171.8	13.00	170.1	12.67	166.7	12.35	163.3	11.70
	41.0	39.4	178.6	14.79	175.2	14.00	171.8	13.21	170.1	12.88	166.7	12.55	163.3	11.89
	36.5	35.0	178.6	15.10	175.2	14.29	171.8	13.48	170.1	13.14	166.7	12.80	163.3	12.13
	32.0	30.7	169.7	14.64	166.5	13.85	163.3	13.07	161.6	12.74	158.4	12.41	155.2	11.75
	26.6	25.3	158.5	14.04	155.5	13.29	152.4	12.54	150.9	12.22	147.9	11.90	144.9	11.27
	23.0	21.9	151.3	13.65	148.5	12.92	145.6	12.19	144.1	11.88	141.3	11.57	138.4	10.95
	19.4	18.3	143.8	13.24	141.1	12.53	138.4	11.82	137.0	11.52	134.3	11.22	131.5	10.62
	14.0	13.1	133.0	12.62	130.4	11.95	127.9	11.28	126.6	10.99	124.1	10.70	121.6	10.12
	5.9	5.0	116.1	11.64	113.9	11.02	111.7	10.40	110.6	10.13	108.4	9.86	106.1	9.32
	-3.1	-4.0	94.7	10.17	92.9	9.63	91.1	9.09	90.2	8.85	88.3	8.62	86.5	8.14
	-9.0	-9.4	80.7	9.10	79.2	8.61	77.7	8.13	76.9	7.92	75.3	7.71	73.8	7.28
	-12.6	-13.0	71.4	8.33	70.1	7.89	68.7	7.45	68.0	7.26	66.7	7.06	65.3	6.67
	-17.3	-18.4	57.5	7.11	56.4	6.73	55.3	6.36	54.8	6.19	53.7	6.02	52.6	5.68
	-21.8	-22.0	48.2	6.22	47.3	5.89	46.4	5.56	45.9	5.41	45.0	5.27	44.1	4.97
80	59.0	56.7	158.8	12.12	155.7	11.47	152.7	10.82	151.2	10.55	148.2	10.29	145.2	9.75
	55.4	53.2	158.8	12.28	155.7	11.62	152.7	10.96	151.2	10.69	148.2	10.42	145.2	9.87
	51.8	49.6	158.8	12.45	155.7	11.79	152.7	11.12	151.2	10.84	148.2	10.56	145.2	10.01
	48.2	46.2	158.8	12.63	155.7	11.95	152.7	11.27	151.2	10.99	148.2	10.71	145.2	10.15
	47.0	43.0	158.8	12.80	155.7	12.12	152.7	11.43	151.2	11.15	148.2	10.86	145.2	10.29
	41.0	39.4	158.8	13.01	155.7	12.31	152.7	11.62	151.2	11.33	148.2	11.03	145.2	10.45
	36.5	35.0	158.8	13.28	155.7	12.57	152.7	11.86	151.2	11.56	148.2	11.26	145.2	10.66
	32.0	30.7	150.9	12.87	148.0	12.18	145.1	11.50	143.7	11.21	140.8	10.92	137.9	10.34
	26.6	25.3	140.9	12.34	138.2	11.69	135.5	11.03	134.2	10.75	131.5	10.47	128.8	9.91
	23.0	21.9	134.5	12.00	132.0	11.36	129.4	10.72	128.1	10.45	125.6	10.18	123.0	9.63
	19.4	18.3	127.9	11.64	125.4	11.02	123.0	10.40	121.8	10.13	119.3	9.87	116.9	9.34
	14.0	13.1	118.2	11.10	115.9	10.51	113.7	9.92	112.6	9.67	110.3	9.41	108.1	8.90
	5.9	5.0	103.2	10.23	101.2	9.69	99.3	9.14	98.3	8.91	96.3	8.67	94.3	8.20
	-3.1	-4.0	84.1	8.94	82.5	8.47	80.9	7.99	80.1	7.79	78.5	7.58	76.9	7.16
	-9.0	-9.4	71.8	8.00	70.4	7.57	69.0	7.15	68.3	6.96	67.0	6.78	65.6	6.40
	-12.6	-13.0	63.5	7.33	62.3	6.94	61.1	6.55	60.5	6.38	59.3	6.21	58.1	5.86
	-17.3	-18.4	51.1	6.25	50.1	5.92	49.2	5.59	48.7	5.44	47.7	5.29	46.7	5.00
	-21.8	-22.0	42.9	5.47	42.0	5.18	41.2	4.89	40.8	4.76	40.0	4.63	39.2	4.37
70	59.0	56.7	138.9	10.50	136.3	9.93	133.6	9.37	132.3	9.14	129.7	8.91	127.0	8.44
	55.4	53.2	138.9	10.63	136.3	10.06	133.6	9.49	132.3	9.26	129.7	9.02	127.0	8.55
	51.8	49.6	138.9	10.78	136.3	10.20	133.6	9.63	132.3	9.39	129.7	9.15	127.0	8.67
	48.2	46.2	138.9	10.93	136.3	10.35	133.6	9.76	132.3	9.52	129.7	9.27	127.0	8.79
	47.0	43.0	138.9	11.09	136.3	10.49	133.6	9.90	132.3	9.65	129.7	9.40	127.0	8.91
	41.0	39.4	138.9	11.26	136.3	10.66	133.6	10.06	132.3	9.81	129.7	9.55	127.0	9.05
	36.5	35.0	138.9	11.50	136.3	10.88	133.6	10.26	132.3	10.01	129.7	9.75	127.0	9.23
	32.0	30.7	132.0	11.14	129.5	10.55	127.0	9.95	125.7	9.70	123.2	9.45	120.7	8.95
	26.6	25.3	123.3	10.69	120.9	10.12	118.6	9.55	117.4	9.30	115.0	9.06	112.7	8.58
	23.0	21.9	117.7	10.39	115.5	9.84	113.2	9.28	112.1	9.05	109.9	8.81	107.6	8.34
	19.4	18.3	111.9	10.08	109.8	9.54	107.6	9.00	106.6	8.77	104.4	8.55	102.3	8.09
	14.0	13.1	103.4	9.61	101.5	9.10	99.5	8.59	98.5	8.37	96.5	8.15	94.6	7.71
	5.9	5.0	90.3	8.86	88.6	8.39	86.9	7.92	86.0	7.71	84.3	7.51	82.6	7.10
	-3.1	-4.0	73.6	7.74	72.2	7.33	70.8	6.92	70.1	6.74	68.7	6.56	67.3	6.20
	-9.0	-9.4	62.8	6.93	61.6	6.56	60.4	6.19	59.8	6.03	58.6	5.87	57.4	5.54
	-12.6	-13.0	55.6	6.35	54.5	6.01	53.4	5.67	52.9	5.52	51.9	5.38	50.8	5.08
	-17.3	-18.4	44.7	5.41	43.9	5.13	43.0	4.84	42.6	4.71	41.7	4.58	40.9	4.33
	-21.8	-22.0	37.5	4.74	36.8	4.49	36.1	4.24	35.7	4.12	35.0	4.01	34.3	3.78

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP1921FT6P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	226.8	18.76	222.5	17.75	218.2	16.74	216.0	16.33	211.7	15.91	207.4	15.09
	55.4	53.2	226.8	19.00	222.5	17.98	218.2	16.96	216.0	16.54	211.7	16.12	207.4	15.28
	51.8	49.6	226.8	19.27	222.5	18.23	218.2	17.20	216.0	16.77	211.7	16.34	207.4	15.49
	48.2	46.2	226.8	19.54	222.5	18.49	218.2	17.44	216.0	17.01	211.7	16.57	207.4	15.70
	47.0	43.0	226.8	19.81	222.5	18.75	218.2	17.69	216.0	17.24	211.7	16.80	207.4	15.92
	41.0	39.4	226.8	20.13	222.5	19.05	218.2	17.97	216.0	17.52	211.7	17.07	207.4	16.17
	36.5	35.0	226.8	20.54	222.5	19.44	218.2	18.34	216.0	17.88	211.7	17.42	207.4	16.50
	32.0	30.7	226.8	20.99	222.5	19.87	218.2	18.74	216.0	18.27	211.7	17.80	207.4	16.85
	26.6	25.3	226.8	21.60	222.5	20.45	218.2	19.30	216.0	18.81	211.7	18.32	207.4	17.34
	23.0	21.9	215.3	20.88	211.2	19.76	207.1	18.65	205.0	18.17	200.9	17.70	196.8	16.75
	19.4	18.3	201.8	19.96	198.0	18.89	194.1	17.83	192.2	17.37	188.3	16.92	184.5	16.01
	14.0	13.1	182.3	18.58	178.8	17.59	175.3	16.60	173.6	16.18	170.1	15.75	166.6	14.90
	5.9	5.0	152.0	16.33	149.1	15.46	146.2	14.59	144.7	14.22	141.8	13.84	138.9	13.09
	-3.1	-4.0	117.9	13.57	115.7	12.85	113.4	12.13	112.3	11.81	110.1	11.50	107.8	10.87
	-9.0	-9.4	92.1	11.09	90.3	10.50	88.6	9.92	87.7	9.66	85.9	9.40	84.2	8.88
	-12.6	-13.0	74.8	9.32	73.4	8.83	72.0	8.33	71.3	8.11	69.9	7.90	68.4	7.46
	-17.3	-18.4	49.0	6.45	48.1	6.11	47.1	5.77	46.7	5.61	45.7	5.46	44.8	5.16
	-21.8	-22.0	31.8	4.35	31.1	4.12	30.5	3.89	30.2	3.79	29.6	3.69	29.0	3.48
110	59.0	56.7	231.3	18.84	226.9	17.83	222.5	16.82	220.3	16.40	215.9	15.99	211.5	15.16
	55.4	53.2	231.3	19.09	226.9	18.06	222.5	17.04	220.3	16.62	215.9	16.19	211.5	15.35
	51.8	49.6	231.3	19.36	226.9	18.32	222.5	17.28	220.3	16.85	215.9	16.42	211.5	15.56
	48.2	46.2	231.3	19.63	226.9	18.58	222.5	17.52	220.3	17.09	215.9	16.65	211.5	15.78
	47.0	43.0	231.3	19.90	226.9	18.83	222.5	17.77	220.3	17.32	215.9	16.88	211.5	15.99
	41.0	39.4	231.3	20.22	226.9	19.14	222.5	18.06	220.3	17.60	215.9	17.15	211.5	16.25
	36.5	35.0	231.3	20.64	226.9	19.53	222.5	18.43	220.3	17.96	215.9	17.50	211.5	16.58
	32.0	30.7	231.3	21.09	226.9	19.96	222.5	18.83	220.3	18.36	215.9	17.88	211.5	16.93
	26.6	25.3	231.3	21.70	226.9	20.55	222.5	19.39	220.3	18.89	215.9	18.40	211.5	17.42
	23.0	21.9	219.6	20.97	215.4	19.85	211.2	18.73	209.1	18.26	204.9	17.78	200.8	16.83
	19.4	18.3	205.8	20.05	201.9	18.98	198.0	17.91	196.0	17.45	192.1	17.00	188.2	16.09
	14.0	13.1	185.9	18.67	182.4	17.67	178.8	16.68	177.1	16.25	173.5	15.83	170.0	14.97
	5.9	5.0	155.0	16.41	152.0	15.54	149.1	14.66	147.6	14.28	144.7	13.91	141.7	13.15
	-3.1	-4.0	120.3	13.63	118.0	12.91	115.7	12.19	114.6	11.87	112.3	11.55	110.0	10.92
	-9.0	-9.4	93.9	11.14	92.1	10.55	90.3	9.96	89.4	9.70	87.7	9.44	85.9	8.92
	-12.6	-13.0	76.3	9.36	74.9	8.87	73.4	8.37	72.7	8.15	71.3	7.93	69.8	7.49
	-17.3	-18.4	50.0	6.48	49.0	6.14	48.1	5.79	47.6	5.64	46.6	5.49	45.7	5.18
	-21.8	-22.0	32.4	4.37	31.8	4.14	31.2	3.91	30.8	3.81	30.2	3.70	29.6	3.50
120	59.0	56.7	238.1	19.11	233.6	18.08	229.1	17.06	226.8	16.64	222.3	16.21	217.7	15.37
	55.4	53.2	238.1	19.36	233.6	18.32	229.1	17.28	226.8	16.85	222.3	16.42	217.7	15.57
	51.8	49.6	238.1	19.63	233.6	18.58	229.1	17.52	226.8	17.09	222.3	16.65	217.7	15.78
	48.2	46.2	238.1	19.91	233.6	18.84	229.1	17.77	226.8	17.33	222.3	16.89	217.7	16.00
	47.0	43.0	238.1	20.18	233.6	19.10	229.1	18.02	226.8	17.57	222.3	17.12	217.7	16.22
	41.0	39.4	238.1	20.51	233.6	19.41	229.1	18.31	226.8	17.85	222.3	17.39	217.7	16.48
	36.5	35.0	238.1	20.93	233.6	19.81	229.1	18.69	226.8	18.22	222.3	17.75	217.7	16.81
	32.0	30.7	238.1	21.38	233.6	20.24	229.1	19.10	226.8	18.62	222.3	18.13	217.7	17.17
	26.6	25.3	238.1	22.01	233.6	20.84	229.1	19.66	226.8	19.16	222.3	18.66	217.7	17.67
	23.0	21.9	226.0	21.27	221.7	20.13	217.4	19.00	215.3	18.52	211.0	18.03	206.7	17.07
	19.4	18.3	211.9	20.33	207.9	19.25	203.8	18.16	201.8	17.70	197.8	17.24	193.7	16.31
	14.0	13.1	191.4	18.93	187.7	17.92	184.1	16.92	182.3	16.48	178.6	16.05	175.0	15.18
	5.9	5.0	159.6	16.64	156.5	15.75	153.5	14.87	152.0	14.49	148.9	14.10	145.9	13.34
	-3.1	-4.0	123.8	13.83	121.5	13.09	119.1	12.36	117.9	12.04	115.6	11.71	113.2	11.07
	-9.0	-9.4	96.7	11.30	94.8	10.70	93.0	10.10	92.1	9.84	90.2	9.57	88.4	9.04
	-12.6	-13.0	78.6	9.50	77.1	8.99	75.6	8.49	74.8	8.27	73.3	8.04	71.9	7.60
	-17.3	-18.4	51.4	6.57	50.5	6.22	49.5	5.88	49.0	5.72	48.0	5.56	47.0	5.25
	-21.8	-22.0	33.3	4.44	32.7	4.20	32.1	3.97	31.8	3.86	31.1	3.76	30.5	3.55
130	59.0	56.7	243.8	19.28	239.2	18.24	234.5	17.21	232.2	16.78	227.6	16.36	222.9	15.51
	55.4	53.2	243.8	19.53	239.2	18.48	234.5	17.43	232.2	17.00	227.6	16.57	222.9	15.70
	51.8	49.6	243.8	19.80	239.2	18.74	234.5	17.68	232.2	17.24	227.6	16.80	222.9	15.92
	48.2	46.2	243.8	20.08	239.2	19.01	234.5	17.93	232.2	17.48	227.6	17.04	222.9	16.14
	47.0	43.0	243.8	20.36	239.2	19.27	234.5	18.18	232.2	17.72	227.6	17.27	222.9	16.36
	41.0	39.4	243.8	20.69	239.2	19.58	234.5	18.47	232.2	18.01	227.6	17.55	222.9	16.62
	36.5	35.0	243.8	21.11	239.2	19.98	234.5	18.85	232.2	18.38	227.6	17.91	222.9	16.96
	32.0	30.7	243.8	21.57	239.2	20.42	234.5	19.27	232.2	18.78	227.6	18.30	222.9	17.32
	26.6	25.3	243.8	22.21	239.2	21.02	234.5	19.83	232.2	19.33	227.6	18.83	222.9	17.83
	23.0	21.9	231.4	21.46	227.0	20.31	222.6	19.17	220.4	18.68	216.0	18.19	211.6	17.22
	19.4	18.3	216.9	20.51	212.8	19.42	208.7	18.32	206.6	17.86	202.5	17.39	198.3	16.46
	14.0	13.1	195.9	19.10	192.2	18.08	188.5	17.07	186.6	16.63	182.9	16.19	179.1	15.32
	5.9	5.0	163.4	16.79	160.2	15.89	157.1	15.00	155.6	14.61	152.5	14.23	149.4	13.45
	-3.1	-4.0	126.8	13.95	124.4	13.21	122.0	12.47	120.7	12.14	118.3	11.82	115.9	11.17
	-9.0	-9.4	99.0	11.40	97.1	10.80	95.2	10.19	94.3	9.92	92.4	9.66	90.5	9.12
	-12.6	-13.0	80.5	9.58	78.9	9.07	77.4	8.57	76.6	8.34	75.1	8.12	73.6	7.66
	-17.3	-18.4	52.7	6.63	51.7	6.28	50.7	5.93	50.2	5.77	49.2	5.61	48.1	5.30
	-21.8	-22.0	34.1	4.48	33.5	4.24	32.8	4.00	32.5	3.90	31.9	3.79	31.2	3.58

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	204.1	16.70	200.2	15.80	196.3	14.91	194.4	14.54	190.5	14.17	186.6	13.43
	55.4	53.2	204.1	16.91	200.2	16.01	196.3	15.10	194.4	14.72	190.5	14.35	186.6	13.60
	51.8	49.6	204.1	17.15	200.2	16.23	196.3	15.31	194.4	14.93	190.5	14.55	186.6	13.79
	48.2	46.2	204.1	17.39	200.2	16.46	196.3	15.53	194.4	15.14	190.5	14.76	186.6	13.98
	47.0	43.0	204.1	17.64	200.2	16.69	196.3	15.75	194.4	15.35	190.5	14.96	186.6	14.17
	41.0	39.4	204.1	17.92	200.2	16.96	196.3	16.00	194.4	15.60	190.5	15.20	186.6	14.40
	36.5	35.0	204.1	18.29	200.2	17.31	196.3	16.33	194.4	15.92	190.5	15.51	186.6	14.69
	32.0	30.7	204.1	18.69	200.2	17.69	196.3	16.69	194.4	16.27	190.5	15.85	186.6	15.01
	26.6	25.3	204.1	19.24	200.2	18.21	196.3	17.18	194.4	16.75	190.5	16.31	186.6	15.44
	23.0	21.9	193.7	18.59	190.1	17.59	186.4	16.60	184.5	16.18	180.8	15.76	177.1	14.92
	19.4	18.3	181.6	17.77	178.2	16.82	174.7	15.87	173.0	15.47	169.5	15.06	166.1	14.26
	14.0	13.1	164.0	16.54	160.9	15.66	157.8	14.78	156.2	14.40	153.1	14.03	150.0	13.27
	5.9	5.0	136.8	14.54	134.2	13.77	131.6	12.99	130.2	12.66	127.6	12.32	125.0	11.65
	-3.1	-4.0	106.1	12.08	104.1	11.44	102.1	10.80	101.1	10.52	99.1	10.24	97.0	9.67
	-9.0	-9.4	82.9	9.87	81.3	9.35	79.7	8.83	78.9	8.60	77.3	8.37	75.8	7.90
	-12.6	-13.0	67.4	8.30	66.1	7.86	64.8	7.42	64.2	7.22	62.9	7.03	61.6	6.64
	-17.3	-18.4	44.1	5.74	43.3	5.44	42.4	5.13	42.0	5.00	41.2	4.86	40.3	4.59
	-21.8	-22.0	28.6	3.88	28.0	3.67	27.5	3.47	27.2	3.38	26.7	3.28	26.1	3.10
80	59.0	56.7	181.4	14.69	178.0	13.90	174.5	13.11	172.8	12.79	169.3	12.46	165.9	11.81
	55.4	53.2	181.4	14.88	178.0	14.08	174.5	13.28	172.8	12.95	169.3	12.62	165.9	11.96
	51.8	49.6	181.4	15.09	178.0	14.28	174.5	13.47	172.8	13.13	169.3	12.80	165.9	12.13
	48.2	46.2	181.4	15.30	178.0	14.48	174.5	13.66	172.8	13.32	169.3	12.98	165.9	12.30
	47.0	43.0	181.4	15.51	178.0	14.68	174.5	13.85	172.8	13.50	169.3	13.16	165.9	12.47
	41.0	39.4	181.4	15.76	178.0	14.92	174.5	14.07	172.8	13.72	169.3	13.37	165.9	12.66
	36.5	35.0	181.4	16.08	178.0	15.22	174.5	14.36	172.8	14.00	169.3	13.64	165.9	12.92
	32.0	30.7	181.4	16.43	178.0	15.56	174.5	14.68	172.8	14.31	169.3	13.94	165.9	13.20
	26.6	25.3	181.4	16.92	178.0	16.01	174.5	15.11	172.8	14.73	169.3	14.34	165.9	13.58
	23.0	21.9	172.2	16.35	168.9	15.47	165.7	14.60	164.0	14.23	160.7	13.86	157.5	13.12
	19.4	18.3	161.4	15.63	158.4	14.79	155.3	13.96	153.8	13.60	150.7	13.25	147.6	12.54
	14.0	13.1	145.8	14.55	143.0	13.78	140.3	13.00	138.9	12.67	136.1	12.33	133.3	11.67
	5.9	5.0	121.6	12.79	119.2	12.11	116.9	11.43	115.8	11.13	113.5	10.84	111.1	10.25
	-3.1	-4.0	94.3	10.63	92.6	10.06	90.8	9.50	89.9	9.25	88.1	9.00	86.3	8.51
	-9.0	-9.4	73.7	8.68	72.3	8.22	70.9	7.76	70.2	7.56	68.8	7.36	67.4	6.95
	-12.6	-13.0	59.9	7.30	58.7	6.91	57.6	6.53	57.0	6.35	55.9	6.18	54.7	5.84
	-17.3	-18.4	39.2	5.05	38.4	4.78	37.7	4.52	37.3	4.40	36.6	4.28	35.8	4.04
	-21.8	-22.0	25.4	3.41	24.9	3.23	24.4	3.05	24.2	2.97	23.7	2.89	23.2	2.73
70	59.0	56.7	158.8	12.72	155.7	12.03	152.7	11.35	151.2	11.07	148.2	10.79	145.2	10.23
	55.4	53.2	158.8	12.88	155.7	12.19	152.7	11.50	151.2	11.21	148.2	10.93	145.2	10.36
	51.8	49.6	158.8	13.06	155.7	12.36	152.7	11.66	151.2	11.37	148.2	11.08	145.2	10.50
	48.2	46.2	158.8	13.24	155.7	12.53	152.7	11.82	151.2	11.53	148.2	11.24	145.2	10.65
	47.0	43.0	158.8	13.43	155.7	12.71	152.7	11.99	151.2	11.69	148.2	11.39	145.2	10.79
	41.0	39.4	158.8	13.65	155.7	12.91	152.7	12.18	151.2	11.88	148.2	11.57	145.2	10.96
	36.5	35.0	158.8	13.93	155.7	13.18	152.7	12.43	151.2	12.12	148.2	11.81	145.2	11.19
	32.0	30.7	158.8	14.23	155.7	13.47	152.7	12.71	151.2	12.39	148.2	12.07	145.2	11.43
	26.6	25.3	158.8	14.65	155.7	13.86	152.7	13.08	151.2	12.75	148.2	12.42	145.2	11.76
	23.0	21.9	150.7	14.15	147.8	13.40	145.0	12.64	143.5	12.32	140.6	12.00	137.8	11.36
	19.4	18.3	141.3	13.53	138.6	12.81	135.9	12.09	134.5	11.78	131.8	11.47	129.2	10.85
	14.0	13.1	127.6	12.60	125.2	11.93	122.7	11.26	121.5	10.97	119.1	10.68	116.7	10.10
	5.9	5.0	106.4	11.07	104.3	10.48	102.3	9.89	101.3	9.64	99.3	9.38	97.3	8.87
	-3.1	-4.0	82.6	9.20	81.0	8.71	79.4	8.22	78.6	8.01	77.1	7.79	75.5	7.37
	-9.0	-9.4	64.5	7.52	63.2	7.12	62.0	6.72	61.4	6.55	60.2	6.37	58.9	6.02
	-12.6	-13.0	52.4	6.32	51.4	5.98	50.4	5.65	49.9	5.50	48.9	5.35	47.9	5.06
	-17.3	-18.4	34.3	4.37	33.6	4.14	33.0	3.91	32.7	3.81	32.0	3.70	31.4	3.49
	-21.8	-22.0	22.2	2.95	21.8	2.80	21.4	2.64	21.2	2.57	20.7	2.50	20.3	2.36

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP1921FT6P-UL/MMY-UP1921FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	226.8	15.86	222.5	15.01	218.2	14.16	216.0	13.81	211.7	13.46	207.4	12.76
	55.4	53.2	226.8	16.06	222.5	15.20	218.2	14.34	216.0	13.98	211.7	13.63	207.4	12.92
	51.8	49.6	226.8	16.29	222.5	15.42	218.2	14.54	216.0	14.18	211.7	13.82	207.4	13.10
	48.2	46.2	226.8	16.52	222.5	15.63	218.2	14.75	216.0	14.38	211.7	14.01	207.4	13.28
	47.0	43.0	226.8	16.75	222.5	15.85	218.2	14.95	216.0	14.58	211.7	14.21	207.4	13.46
	41.0	39.4	226.8	17.02	222.5	16.11	218.2	15.20	216.0	14.82	211.7	14.44	207.4	13.67
	36.5	35.0	226.8	17.37	222.5	16.44	218.2	15.51	216.0	15.12	211.7	14.73	207.4	13.95
	32.0	30.7	226.8	17.75	222.5	16.80	218.2	15.85	216.0	15.45	211.7	15.05	207.4	14.25
	26.6	25.3	226.8	18.27	222.5	17.29	218.2	16.32	216.0	15.90	211.7	15.49	207.4	14.66
	23.0	21.9	220.2	18.07	216.0	17.10	211.8	16.14	209.7	15.73	205.5	15.32	201.3	14.50
	19.4	18.3	212.4	17.79	208.4	16.84	204.3	15.89	202.3	15.49	198.2	15.08	194.2	14.27
	14.0	13.1	201.2	17.39	197.3	16.47	193.5	15.54	191.6	15.14	187.7	14.75	183.9	13.95
	5.9	5.0	183.7	16.79	180.2	15.90	176.7	15.00	175.0	14.62	171.5	14.23	168.0	13.46
	-3.1	-4.0	163.3	16.03	160.2	15.18	157.1	14.33	155.5	13.96	152.4	13.59	149.3	12.84
	-9.0	-9.4	140.2	14.43	137.5	13.66	134.8	12.90	133.5	12.56	130.8	12.22	128.1	11.55
	-12.6	-13.0	124.7	13.29	122.4	12.58	120.0	11.88	118.8	11.57	116.4	11.26	114.0	10.63
	-17.3	-18.4	101.6	11.46	99.7	10.85	97.7	10.25	96.8	9.98	94.8	9.70	92.9	9.16
	-21.8	-22.0	86.2	10.14	84.5	9.60	82.9	9.07	82.1	8.83	80.4	8.58	78.8	8.10
110	59.0	56.7	231.3	15.93	226.9	15.08	222.5	14.22	220.3	13.87	215.9	13.52	211.5	12.82
	55.4	53.2	231.3	16.14	226.9	15.27	222.5	14.41	220.3	14.05	215.9	13.69	211.5	12.98
	51.8	49.6	231.3	16.37	226.9	15.49	222.5	14.61	220.3	14.25	215.9	13.88	211.5	13.16
	48.2	46.2	231.3	16.60	226.9	15.71	222.5	14.82	220.3	14.45	215.9	14.08	211.5	13.34
	47.0	43.0	231.3	16.83	226.9	15.92	222.5	15.02	220.3	14.65	215.9	14.27	211.5	13.52
	41.0	39.4	231.3	17.10	226.9	16.18	222.5	15.27	220.3	14.88	215.9	14.50	211.5	13.74
	36.5	35.0	231.3	17.45	226.9	16.52	222.5	15.58	220.3	15.19	215.9	14.80	211.5	14.02
	32.0	30.7	231.3	17.83	226.9	16.88	222.5	15.92	220.3	15.52	215.9	15.12	211.5	14.32
	26.6	25.3	231.3	18.35	226.9	17.37	222.5	16.39	220.3	15.98	215.9	15.56	211.5	14.73
	23.0	21.9	224.6	18.15	220.3	17.18	216.0	16.21	213.9	15.80	209.6	15.39	205.3	14.57
	19.4	18.3	216.7	17.87	212.5	16.92	208.4	15.97	206.3	15.56	202.2	15.15	198.1	14.34
	14.0	13.1	205.2	17.48	201.3	16.54	197.4	15.61	195.4	15.21	191.5	14.81	187.6	14.02
	5.9	5.0	187.4	16.87	183.8	15.97	180.2	15.07	178.5	14.69	174.9	14.30	171.3	13.52
	-3.1	-4.0	166.6	16.11	163.4	15.25	160.2	14.40	158.6	14.02	155.5	13.65	152.3	12.90
	-9.0	-9.4	143.0	14.49	140.2	13.73	137.5	12.96	136.2	12.62	133.4	12.28	130.7	11.60
	-12.6	-13.0	127.2	13.35	124.8	12.64	122.4	11.94	121.2	11.62	118.8	11.31	116.3	10.68
	-17.3	-18.4	103.6	11.51	101.7	10.90	99.7	10.30	98.7	10.02	96.7	9.75	94.8	9.20
	-21.8	-22.0	87.9	10.19	86.2	9.65	84.6	9.11	83.7	8.87	82.0	8.62	80.4	8.14
120	59.0	56.7	238.1	16.16	233.6	15.29	229.1	14.42	226.8	14.07	222.3	13.71	217.7	13.00
	55.4	53.2	238.1	16.37	233.6	15.49	229.1	14.61	226.8	14.25	222.3	13.89	217.7	13.16
	51.8	49.6	238.1	16.60	233.6	15.71	229.1	14.82	226.8	14.45	222.3	14.08	217.7	13.34
	48.2	46.2	238.1	16.83	233.6	15.93	229.1	15.03	226.8	14.65	222.3	14.28	217.7	13.53
	47.0	43.0	238.1	17.06	233.6	16.15	229.1	15.24	226.8	14.86	222.3	14.48	217.7	13.71
	41.0	39.4	238.1	17.34	233.6	16.41	229.1	15.48	226.8	15.10	222.3	14.71	217.7	13.93
	36.5	35.0	238.1	17.70	233.6	16.75	229.1	15.80	226.8	15.40	222.3	15.01	217.7	14.21
	32.0	30.7	238.1	18.08	233.6	17.11	229.1	16.15	226.8	15.74	222.3	15.33	217.7	14.52
	26.6	25.3	238.1	18.61	233.6	17.62	229.1	16.62	226.8	16.20	222.3	15.78	217.7	14.94
	23.0	21.9	231.2	18.41	226.8	17.42	222.4	16.44	220.2	16.02	215.8	15.61	211.4	14.77
	19.4	18.3	223.0	18.13	218.8	17.16	214.5	16.19	212.4	15.78	208.2	15.37	203.9	14.54
	14.0	13.1	211.2	17.72	207.2	16.78	203.2	15.83	201.2	15.43	197.1	15.02	193.1	14.21
	5.9	5.0	192.9	17.11	189.2	16.20	185.5	15.29	183.7	14.89	180.0	14.50	176.4	13.71
	-3.1	-4.0	171.5	16.34	168.2	15.47	164.9	14.60	163.3	14.22	160.0	13.84	156.8	13.08
	-9.0	-9.4	147.2	14.70	144.4	13.92	141.6	13.14	140.2	12.80	137.4	12.45	134.6	11.76
	-12.6	-13.0	131.0	13.54	128.5	12.82	126.0	12.11	124.7	11.79	122.2	11.47	119.8	10.83
	-17.3	-18.4	106.7	11.67	104.7	11.06	102.6	10.44	101.6	10.16	99.6	9.89	97.5	9.33
	-21.8	-22.0	90.5	10.33	88.8	9.78	87.0	9.24	86.2	8.99	84.5	8.75	82.7	8.25
130	59.0	56.7	243.8	16.30	239.2	15.43	234.5	14.55	232.2	14.19	227.6	13.83	222.9	13.11
	55.4	53.2	243.8	16.51	239.2	15.63	234.5	14.74	232.2	14.37	227.6	14.01	222.9	13.28
	51.8	49.6	243.8	16.75	239.2	15.85	234.5	14.95	232.2	14.58	227.6	14.21	222.9	13.46
	48.2	46.2	243.8	16.98	239.2	16.07	234.5	15.16	232.2	14.78	227.6	14.40	222.9	13.65
	47.0	43.0	243.8	17.22	239.2	16.29	234.5	15.37	232.2	14.99	227.6	14.60	222.9	13.84
	41.0	39.4	243.8	17.49	239.2	16.56	234.5	15.62	232.2	15.23	227.6	14.84	222.9	14.06
	36.5	35.0	243.8	17.85	239.2	16.90	234.5	15.94	232.2	15.54	227.6	15.14	222.9	14.34
	32.0	30.7	243.8	18.24	239.2	17.27	234.5	16.29	232.2	15.88	227.6	15.47	222.9	14.65
	26.6	25.3	243.8	18.78	239.2	17.77	234.5	16.77	232.2	16.35	227.6	15.92	222.9	15.07
	23.0	21.9	236.7	18.57	232.2	17.58	227.7	16.59	225.4	16.17	220.9	15.74	216.4	14.90
	19.4	18.3	228.3	18.29	224.0	17.31	219.6	16.34	217.5	15.92	213.1	15.50	208.8	14.67
	14.0	13.1	216.2	17.88	212.1	16.93	208.0	15.97	205.9	15.57	201.8	15.16	197.7	14.34
	5.9	5.0	197.5	17.26	193.7	16.34	190.0	15.42	188.1	15.03	184.3	14.63	180.6	13.83
	-3.1	-4.0	175.5	16.48	172.2	15.61	168.9	14.73	167.2	14.35	163.8	13.96	160.5	13.20
	-9.0	-9.4	150.7	14.83	147.8	14.04	144.9	13.26	143.5	12.91	140.6	12.56	137.8	11.87
	-12.6	-13.0	134.1	13.66	131.5	12.94	129.0	12.21	127.7	11.89	125.2	11.57	122.6	10.93
	-17.3	-18.4	109.2	11.78	107.1	11.16	105.1	10.53	104.0	10.25	101.9	9.98	99.9	9.42
	-21.8	-22.0	92.6	10.42	90.9	9.87	89.1	9.32	88.2	9.07	86.5	8.82	84.7	8.33

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	204.1	14.12	200.2	13.36	196.3	12.60	194.4	12.29	190.5	11.98	186.6	11.36
	55.4	53.2	204.1	14.30	200.2	13.53	196.3	12.77	194.4	12.45	190.5	12.13	186.6	11.50
	51.8	49.6	204.1	14.50	200.2	13.73	196.3	12.95	194.4	12.63	190.5	12.30	186.6	11.66
	48.2	46.2	204.1	14.71	200.2	13.92	196.3	13.13	194.4	12.80	190.5	12.48	186.6	11.82
	47.0	43.0	204.1	14.91	200.2	14.11	196.3	13.31	194.4	12.98	190.5	12.65	186.6	11.98
	41.0	39.4	204.1	15.15	200.2	14.34	196.3	13.53	194.4	13.19	190.5	12.85	186.6	12.18
	36.5	35.0	204.1	15.46	200.2	14.64	196.3	13.81	194.4	13.46	190.5	13.11	186.6	12.42
	32.0	30.7	204.1	15.80	200.2	14.96	196.3	14.11	194.4	13.76	190.5	13.40	186.6	12.69
	26.6	25.3	204.1	16.26	200.2	15.40	196.3	14.53	194.4	14.16	190.5	13.79	186.6	13.06
	23.0	21.9	198.1	16.08	194.4	15.23	190.6	14.37	188.7	14.00	184.9	13.64	181.2	12.91
	19.4	18.3	191.2	15.84	187.5	14.99	183.9	14.15	182.1	13.79	178.4	13.43	174.8	12.71
	14.0	13.1	181.0	15.49	177.6	14.66	174.1	13.84	172.4	13.48	169.0	13.13	165.5	12.42
	5.9	5.0	165.3	14.95	162.2	14.15	159.0	13.36	157.5	13.01	154.3	12.67	151.2	11.98
	-3.1	-4.0	147.0	14.28	144.2	13.52	141.4	12.76	140.0	12.43	137.2	12.10	134.4	11.43
	-9.0	-9.4	126.1	12.84	123.7	12.16	121.3	11.48	120.1	11.18	117.7	10.88	115.3	10.28
	-12.6	-13.0	112.3	11.83	110.1	11.20	108.0	10.58	106.9	10.30	104.8	10.02	102.6	9.46
	-17.3	-18.4	91.4	10.20	89.7	9.66	88.0	9.12	87.1	8.88	85.3	8.64	83.6	8.16
	-21.8	-22.0	77.6	9.03	76.1	8.55	74.6	8.07	73.9	7.86	72.4	7.64	70.9	7.21
80	59.0	56.7	181.4	12.42	178.0	11.75	174.5	11.08	172.8	10.81	169.3	10.54	165.9	9.99
	55.4	53.2	181.4	12.58	178.0	11.90	174.5	11.23	172.8	10.95	169.3	10.67	165.9	10.11
	51.8	49.6	181.4	12.76	178.0	12.07	174.5	11.39	172.8	11.10	169.3	10.82	165.9	10.26
	48.2	46.2	181.4	12.94	178.0	12.24	174.5	11.55	172.8	11.26	169.3	10.97	165.9	10.40
	47.0	43.0	181.4	13.11	178.0	12.41	174.5	11.71	172.8	11.42	169.3	11.12	165.9	10.54
	41.0	39.4	181.4	13.33	178.0	12.61	174.5	11.90	172.8	11.60	169.3	11.30	165.9	10.71
	36.5	35.0	181.4	13.60	178.0	12.87	174.5	12.14	172.8	11.84	169.3	11.53	165.9	10.92
	32.0	30.7	181.4	13.90	178.0	13.15	174.5	12.41	172.8	12.10	169.3	11.78	165.9	11.16
	26.6	25.3	181.4	14.30	178.0	13.54	174.5	12.78	172.8	12.45	169.3	12.13	165.9	11.48
	23.0	21.9	176.1	14.15	172.8	13.39	169.4	12.64	167.7	12.31	164.4	11.99	161.0	11.35
	19.4	18.3	169.9	13.93	166.7	13.19	163.5	12.44	161.8	12.13	158.6	11.81	155.4	11.18
	14.0	13.1	160.9	13.62	157.9	12.89	154.8	12.17	153.3	11.86	150.2	11.55	147.1	10.92
	5.9	5.0	147.0	13.15	144.2	12.45	141.4	11.75	140.0	11.45	137.2	11.14	134.4	10.54
	-3.1	-4.0	130.6	12.55	128.1	11.89	125.7	11.22	124.4	10.93	121.9	10.64	119.4	10.05
	-9.0	-9.4	112.1	11.30	110.0	10.70	107.9	10.10	106.8	9.83	104.7	9.57	102.5	9.04
	-12.6	-13.0	99.8	10.40	97.9	9.85	96.0	9.30	95.0	9.06	93.1	8.81	91.2	8.32
	-17.3	-18.4	81.3	8.97	79.7	8.50	78.2	8.02	77.4	7.81	75.9	7.60	74.3	7.17
	-21.8	-22.0	68.9	7.94	67.6	7.52	66.3	7.10	65.7	6.91	64.4	6.72	63.0	6.34
70	59.0	56.7	158.8	10.75	155.7	10.17	152.7	9.60	151.2	9.36	148.2	9.12	145.2	8.65
	55.4	53.2	158.8	10.89	155.7	10.31	152.7	9.72	151.2	9.48	148.2	9.24	145.2	8.76
	51.8	49.6	158.8	11.04	155.7	10.45	152.7	9.86	151.2	9.61	148.2	9.37	145.2	8.88
	48.2	46.2	158.8	11.20	155.7	10.60	152.7	10.00	151.2	9.75	148.2	9.50	145.2	9.00
	47.0	43.0	158.8	11.35	155.7	10.75	152.7	10.14	151.2	9.88	148.2	9.63	145.2	9.13
	41.0	39.4	158.8	11.54	155.7	10.92	152.7	10.30	151.2	10.04	148.2	9.79	145.2	9.27
	36.5	35.0	158.8	11.77	155.7	11.14	152.7	10.51	151.2	10.25	148.2	9.99	145.2	9.46
	32.0	30.7	158.8	12.03	155.7	11.39	152.7	10.74	151.2	10.47	148.2	10.20	145.2	9.66
	26.6	25.3	158.8	12.38	155.7	11.72	152.7	11.06	151.2	10.78	148.2	10.50	145.2	9.94
	23.0	21.9	154.1	12.25	151.2	11.59	148.2	10.94	146.8	10.66	143.8	10.38	140.9	9.83
	19.4	18.3	148.7	12.06	145.9	11.42	143.0	10.77	141.6	10.50	138.8	10.23	135.9	9.68
	14.0	13.1	140.8	11.79	138.1	11.16	135.4	10.54	134.1	10.27	131.4	10.00	128.7	9.46
	5.9	5.0	128.6	11.38	126.1	10.78	123.7	10.17	122.5	9.91	120.0	9.65	117.6	9.12
	-3.1	-4.0	114.3	10.87	112.1	10.29	110.0	9.72	108.9	9.46	106.7	9.21	104.5	8.70
	-9.0	-9.4	98.1	9.78	96.2	9.26	94.4	8.74	93.4	8.51	91.6	8.29	89.7	7.83
	-12.6	-13.0	87.3	9.01	85.7	8.53	84.0	8.05	83.2	7.84	81.5	7.63	79.8	7.21
	-17.3	-18.4	71.1	7.77	69.8	7.36	68.4	6.95	67.7	6.76	66.4	6.58	65.0	6.21
	-21.8	-22.0	60.3	6.87	59.2	6.51	58.0	6.15	57.5	5.98	56.3	5.82	55.2	5.49

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP2161FT6P-UL/MMY-UP2161FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	255.2	18.53	250.3	17.54	245.4	16.54	243.0	16.13	238.1	15.72	233.3	14.91
	55.4	53.2	255.2	18.77	250.3	17.76	245.4	16.76	243.0	16.34	238.1	15.92	233.3	15.09
	51.8	49.6	255.2	19.04	250.3	18.01	245.4	16.99	243.0	16.57	238.1	16.15	233.3	15.30
	48.2	46.2	255.2	19.30	250.3	18.27	245.4	17.23	243.0	16.80	238.1	16.37	233.3	15.52
	47.0	43.0	255.2	19.57	250.3	18.52	245.4	17.47	243.0	17.04	238.1	16.60	233.3	15.73
	41.0	39.4	255.2	19.89	250.3	18.82	245.4	17.76	243.0	17.31	238.1	16.87	233.3	15.98
	36.5	35.0	255.2	20.29	250.3	19.21	245.4	18.12	243.0	17.67	238.1	17.21	233.3	16.30
	32.0	30.7	255.2	20.74	250.3	19.63	245.4	18.52	243.0	18.05	238.1	17.59	233.3	16.65
	26.6	25.3	255.2	21.34	250.3	20.20	245.4	19.06	243.0	18.58	238.1	18.10	233.3	17.13
	23.0	21.9	245.3	20.90	240.7	19.79	236.0	18.67	233.6	18.20	229.0	17.72	224.3	16.77
	19.4	18.3	233.8	20.33	229.4	19.24	224.9	18.16	222.7	17.70	218.3	17.23	213.8	16.31
	14.0	13.1	217.2	19.48	213.1	18.44	208.9	17.41	206.9	16.96	202.7	16.51	198.6	15.62
	5.9	5.0	191.4	18.12	187.7	17.16	184.1	16.19	182.3	15.78	178.6	15.36	175.0	14.52
	-3.1	-4.0	158.2	16.06	155.2	15.21	152.2	14.35	150.7	13.98	147.6	13.61	144.6	12.86
	-9.0	-9.4	132.2	14.06	129.7	13.31	127.1	12.57	125.9	12.24	123.4	11.91	120.8	11.25
	-12.6	-13.0	114.8	12.64	112.6	11.97	110.4	11.30	109.4	11.00	107.2	10.70	105.0	10.11
	-17.3	-18.4	88.8	10.34	87.1	9.79	85.4	9.25	84.6	9.00	82.9	8.76	81.2	8.27
	-21.8	-22.0	71.4	8.68	70.1	8.22	68.7	7.76	68.0	7.55	66.7	7.35	65.3	6.93
110	59.0	56.7	260.3	18.62	255.3	17.62	250.3	16.62	247.9	16.21	242.9	15.80	237.9	14.97
	55.4	53.2	260.3	18.86	255.3	17.85	250.3	16.83	247.9	16.42	242.9	16.00	237.9	15.16
	51.8	49.6	260.3	19.12	255.3	18.10	250.3	17.07	247.9	16.65	242.9	16.22	237.9	15.38
	48.2	46.2	260.3	19.39	255.3	18.35	250.3	17.31	247.9	16.88	242.9	16.45	237.9	15.59
	47.0	43.0	260.3	19.66	255.3	18.61	250.3	17.55	247.9	17.12	242.9	16.68	237.9	15.80
	41.0	39.4	260.3	19.98	255.3	18.91	250.3	17.84	247.9	17.39	242.9	16.95	237.9	16.05
	36.5	35.0	260.3	20.39	255.3	19.30	250.3	18.21	247.9	17.75	242.9	17.29	237.9	16.38
	32.0	30.7	260.3	20.83	255.3	19.72	250.3	18.60	247.9	18.14	242.9	17.67	237.9	16.73
	26.6	25.3	260.3	21.44	255.3	20.30	250.3	19.15	247.9	18.67	242.9	18.18	237.9	17.21
	23.0	21.9	250.2	21.00	245.5	19.88	240.7	18.76	238.3	18.28	233.6	17.80	228.8	16.85
	19.4	18.3	238.5	20.42	234.0	19.33	229.4	18.24	227.2	17.78	222.6	17.31	218.1	16.39
	14.0	13.1	221.5	19.57	217.3	18.53	213.1	17.49	211.0	17.04	206.8	16.59	202.6	15.70
	5.9	5.0	195.2	18.21	191.5	17.24	187.8	16.27	185.9	15.85	182.2	15.43	178.5	14.59
	-3.1	-4.0	161.4	16.13	158.3	15.28	155.2	14.42	153.7	14.05	150.6	13.67	147.5	12.92
	-9.0	-9.4	134.8	14.12	132.2	13.38	129.7	12.63	128.4	12.30	125.8	11.97	123.3	11.30
	-12.6	-13.0	117.1	12.70	114.9	12.02	112.7	11.35	111.5	11.05	109.3	10.75	107.1	10.16
	-17.3	-18.4	90.6	10.39	88.8	9.84	87.1	9.29	86.3	9.04	84.5	8.80	82.8	8.31
	-21.8	-22.0	72.9	8.72	71.5	8.26	70.1	7.80	69.4	7.59	68.0	7.38	66.6	6.97
120	59.0	56.7	267.9	18.88	262.8	17.87	257.7	16.85	255.2	16.44	250.0	16.02	244.9	15.19
	55.4	53.2	267.9	19.12	262.8	18.10	257.7	17.07	255.2	16.65	250.0	16.23	244.9	15.38
	51.8	49.6	267.9	19.39	262.8	18.35	257.7	17.31	255.2	16.88	250.0	16.45	244.9	15.59
	48.2	46.2	267.9	19.67	262.8	18.61	257.7	17.56	255.2	17.12	250.0	16.68	244.9	15.81
	47.0	43.0	267.9	19.94	262.8	18.87	257.7	17.80	255.2	17.36	250.0	16.91	244.9	16.02
	41.0	39.4	267.9	20.26	262.8	19.18	257.7	18.09	255.2	17.64	250.0	17.19	244.9	16.28
	36.5	35.0	267.9	20.68	262.8	19.57	257.7	18.46	255.2	18.00	250.0	17.54	244.9	16.61
	32.0	30.7	267.9	21.13	262.8	20.00	257.7	18.87	255.2	18.39	250.0	17.92	244.9	16.97
	26.6	25.3	267.9	21.75	262.8	20.59	257.7	19.42	255.2	18.93	250.0	18.44	244.9	17.46
	23.0	21.9	257.6	21.30	252.7	20.16	247.8	19.02	245.3	18.54	240.4	18.06	235.5	17.09
	19.4	18.3	245.5	20.71	240.9	19.61	236.2	18.50	233.8	18.03	229.2	17.56	224.5	16.62
	14.0	13.1	228.1	19.85	223.7	18.79	219.4	17.73	217.2	17.28	212.9	16.83	208.5	15.92
	5.9	5.0	200.9	18.46	197.1	17.48	193.3	16.50	191.4	16.07	187.5	15.65	183.7	14.80
	-3.1	-4.0	166.1	16.36	162.9	15.49	159.8	14.63	158.2	14.24	155.0	13.86	151.9	13.10
	-9.0	-9.4	138.8	14.32	136.1	13.56	133.5	12.81	132.2	12.47	129.5	12.13	126.9	11.46
	-12.6	-13.0	120.6	12.88	118.3	12.19	116.0	11.51	114.8	11.21	112.5	10.91	110.2	10.30
	-17.3	-18.4	93.2	10.54	91.5	9.98	89.7	9.42	88.8	9.17	87.0	8.92	85.2	8.42
	-21.8	-22.0	75.0	8.84	73.6	8.37	72.2	7.91	71.4	7.70	70.0	7.48	68.6	7.06
130	59.0	56.7	274.3	19.05	269.1	18.03	263.8	17.00	261.2	16.58	256.0	16.16	250.8	15.32
	55.4	53.2	274.3	19.29	269.1	18.26	263.8	17.22	261.2	16.80	256.0	16.37	250.8	15.51
	51.8	49.6	274.3	19.57	269.1	18.52	263.8	17.47	261.2	17.03	256.0	16.60	250.8	15.73
	48.2	46.2	274.3	19.84	269.1	18.78	263.8	17.71	261.2	17.27	256.0	16.83	250.8	15.95
	47.0	43.0	274.3	20.12	269.1	19.04	263.8	17.96	261.2	17.51	256.0	17.06	250.8	16.17
	41.0	39.4	274.3	20.44	269.1	19.35	263.8	18.25	261.2	17.79	256.0	17.34	250.8	16.42
	36.5	35.0	274.3	20.86	269.1	19.74	263.8	18.63	261.2	18.16	256.0	17.69	250.8	16.76
	32.0	30.7	274.3	21.31	269.1	20.17	263.8	19.04	261.2	18.56	256.0	18.08	250.8	17.12
	26.6	25.3	274.3	21.94	269.1	20.77	263.8	19.60	261.2	19.10	256.0	18.60	250.8	17.61
	23.0	21.9	263.7	21.48	258.7	20.34	253.7	19.19	251.2	18.70	246.1	18.22	241.1	17.24
	19.4	18.3	251.4	20.90	246.6	19.78	241.8	18.67	239.4	18.19	234.6	17.72	229.8	16.76
	14.0	13.1	233.5	20.02	229.0	18.96	224.6	17.89	222.4	17.43	217.9	16.97	213.5	16.06
	5.9	5.0	205.7	18.63	201.8	17.64	197.9	16.65	195.9	16.22	192.0	15.79	188.1	14.93
	-3.1	-4.0	170.1	16.51	166.8	15.63	163.6	14.75	162.0	14.37	158.7	13.99	155.5	13.22
	-9.0	-9.4	142.1	14.45	139.4	13.68	136.7	12.92	135.3	12.58	132.6	12.24	129.9	11.56
	-12.6	-13.0	123.4	12.99	121.1	12.30	118.7	11.61	117.6	11.31	115.2	11.00	112.8	10.39
	-17.3	-18.4	95.5	10.63	93.6	10.07	91.8	9.51	90.9	9.25	89.1	9.00	87.3	8.50
	-21.8	-22.0	76.8	8.92	75.3	8.45	73.9	7.98	73.1	7.76	71.7	7.55	70.2	7.13

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	229.6	16.50	225.3	15.61	220.9	14.73	218.7	14.36	214.3	14.00	210.0	13.27
	55.4	53.2	229.6	16.71	225.3	15.81	220.9	14.92	218.7	14.55	214.3	14.18	210.0	13.44
	51.8	49.6	229.6	16.95	225.3	16.04	220.9	15.13	218.7	14.75	214.3	14.38	210.0	13.63
	48.2	46.2	229.6	17.19	225.3	16.26	220.9	15.34	218.7	14.96	214.3	14.58	210.0	13.81
	47.0	43.0	229.6	17.42	225.3	16.49	220.9	15.56	218.7	15.17	214.3	14.78	210.0	14.00
	41.0	39.4	229.6	17.71	225.3	16.76	220.9	15.81	218.7	15.41	214.3	15.02	210.0	14.23
	36.5	35.0	229.6	18.07	225.3	17.10	220.9	16.13	218.7	15.73	214.3	15.32	210.0	14.51
	32.0	30.7	229.6	18.46	225.3	17.48	220.9	16.49	218.7	16.07	214.3	15.66	210.0	14.83
	26.6	25.3	229.6	19.00	225.3	17.99	220.9	16.97	218.7	16.54	214.3	16.11	210.0	15.26
	23.0	21.9	220.8	18.61	216.6	17.62	212.4	16.62	210.3	16.20	206.1	15.78	201.9	14.93
	19.4	18.3	210.5	18.10	206.5	17.13	202.4	16.17	200.4	15.76	196.4	15.34	192.4	14.52
	14.0	13.1	195.5	17.35	191.8	16.42	188.0	15.50	186.2	15.10	182.4	14.70	178.7	13.91
	5.9	5.0	172.2	16.13	168.9	15.28	165.7	14.42	164.0	14.05	160.7	13.67	157.5	12.93
	-3.1	-4.0	142.4	14.30	139.7	13.54	136.9	12.78	135.6	12.45	132.9	12.11	130.2	11.45
	-9.0	-9.4	119.0	12.52	116.7	11.85	114.4	11.19	113.3	10.90	111.0	10.60	108.8	10.02
	-12.6	-13.0	103.3	11.25	101.4	10.66	99.4	10.06	98.4	9.80	96.4	9.53	94.5	9.00
	-17.3	-18.4	79.9	9.21	78.4	8.72	76.9	8.23	76.1	8.02	74.6	7.80	73.1	7.36
	-21.8	-22.0	64.3	7.72	63.1	7.32	61.8	6.91	61.2	6.72	60.0	6.54	58.8	6.17
80	59.0	56.7	204.1	14.51	200.2	13.73	196.3	12.95	194.4	12.63	190.5	12.31	186.6	11.67
	55.4	53.2	204.1	14.70	200.2	13.91	196.3	13.12	194.4	12.79	190.5	12.47	186.6	11.82
	51.8	49.6	204.1	14.91	200.2	14.11	196.3	13.31	194.4	12.98	190.5	12.64	186.6	11.98
	48.2	46.2	204.1	15.11	200.2	14.30	196.3	13.49	194.4	13.16	190.5	12.82	186.6	12.15
	47.0	43.0	204.1	15.32	200.2	14.50	196.3	13.68	194.4	13.34	190.5	13.00	186.6	12.32
	41.0	39.4	204.1	15.57	200.2	14.74	196.3	13.90	194.4	13.56	190.5	13.21	186.6	12.51
	36.5	35.0	204.1	15.89	200.2	15.04	196.3	14.19	194.4	13.83	190.5	13.48	186.6	12.76
	32.0	30.7	204.1	16.24	200.2	15.37	196.3	14.50	194.4	14.13	190.5	13.77	186.6	13.04
	26.6	25.3	204.1	16.71	200.2	15.82	196.3	14.93	194.4	14.55	190.5	14.17	186.6	13.42
	23.0	21.9	196.3	16.37	192.5	15.49	188.8	14.62	186.9	14.25	183.2	13.88	179.4	13.13
	19.4	18.3	187.1	15.92	183.5	15.07	179.9	14.22	178.2	13.86	174.6	13.49	171.0	12.77
	14.0	13.1	173.8	15.25	170.4	14.44	167.1	13.63	165.5	13.28	162.2	12.93	158.9	12.23
	5.9	5.0	153.1	14.19	150.2	13.43	147.3	12.68	145.8	12.35	142.9	12.03	140.0	11.37
	-3.1	-4.0	126.6	12.57	124.1	11.91	121.7	11.24	120.5	10.95	118.1	10.65	115.7	10.07
	-9.0	-9.4	105.7	11.01	103.7	10.42	101.7	9.84	100.7	9.58	98.7	9.33	96.7	8.81
	-12.6	-13.0	91.9	9.89	90.1	9.37	88.4	8.85	87.5	8.61	85.7	8.38	84.0	7.92
	-17.3	-18.4	71.0	8.10	69.7	7.67	68.3	7.24	67.7	7.05	66.3	6.86	64.9	6.47
	-21.8	-22.0	57.2	6.79	56.1	6.43	55.0	6.08	54.4	5.91	53.3	5.75	52.3	5.43
70	59.0	56.7	178.6	12.56	175.2	11.89	171.8	11.21	170.1	10.94	166.7	10.66	163.3	10.10
	55.4	53.2	178.6	12.72	175.2	12.04	171.8	11.36	170.1	11.08	166.7	10.80	163.3	10.23
	51.8	49.6	178.6	12.90	175.2	12.21	171.8	11.52	170.1	11.23	166.7	10.95	163.3	10.38
	48.2	46.2	178.6	13.09	175.2	12.38	171.8	11.68	170.1	11.39	166.7	11.10	163.3	10.52
	47.0	43.0	178.6	13.27	175.2	12.56	171.8	11.85	170.1	11.55	166.7	11.25	163.3	10.66
	41.0	39.4	178.6	13.48	175.2	12.76	171.8	12.04	170.1	11.74	166.7	11.44	163.3	10.83
	36.5	35.0	178.6	13.76	175.2	13.02	171.8	12.29	170.1	11.98	166.7	11.67	163.3	11.05
	32.0	30.7	178.6	14.06	175.2	13.31	171.8	12.55	170.1	12.24	166.7	11.92	163.3	11.29
	26.6	25.3	178.6	14.47	175.2	13.70	171.8	12.92	170.1	12.60	166.7	12.27	163.3	11.62
	23.0	21.9	171.7	14.17	168.5	13.41	165.2	12.66	163.6	12.34	160.3	12.01	157.0	11.37
	19.4	18.3	163.7	13.78	160.6	13.05	157.5	12.31	155.9	12.00	152.8	11.68	149.7	11.06
	14.0	13.1	152.0	13.21	149.1	12.50	146.2	11.80	144.8	11.50	141.9	11.20	139.0	10.59
	5.9	5.0	134.0	12.29	131.4	11.63	128.9	10.98	127.6	10.70	125.0	10.41	122.5	9.85
	-3.1	-4.0	110.7	10.89	108.6	10.31	106.5	9.73	105.5	9.48	103.4	9.22	101.2	8.72
	-9.0	-9.4	92.5	9.53	90.8	9.03	89.0	8.52	88.1	8.30	86.3	8.07	84.6	7.63
	-12.6	-13.0	80.4	8.57	78.8	8.11	77.3	7.66	76.5	7.46	75.0	7.26	73.5	6.85
	-17.3	-18.4	62.2	7.01	61.0	6.64	59.8	6.27	59.2	6.10	58.0	5.94	56.8	5.60
	-21.8	-22.0	50.0	5.88	49.1	5.57	48.1	5.26	47.6	5.12	46.7	4.98	45.7	4.70

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP2401FT6P-UL/MMY-UP2401FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	283.5	21.52	278.1	20.37	272.7	19.21	270.0	18.74	264.6	18.26	259.2	17.31
	55.4	53.2	283.5	21.80	278.1	20.63	272.7	19.46	270.0	18.98	264.6	18.50	259.2	17.53
	51.8	49.6	283.5	22.11	278.1	20.92	272.7	19.74	270.0	19.25	264.6	18.76	259.2	17.77
	48.2	46.2	283.5	22.42	278.1	21.22	272.7	20.01	270.0	19.52	264.6	19.02	259.2	18.02
	47.0	43.0	283.5	22.73	278.1	21.51	272.7	20.29	270.0	19.79	264.6	19.28	259.2	18.27
	41.0	39.4	283.5	23.10	278.1	21.86	272.7	20.62	270.0	20.11	264.6	19.59	259.2	18.56
	36.5	35.0	283.5	23.57	278.1	22.31	272.7	21.05	270.0	20.52	264.6	19.99	259.2	18.93
	32.0	30.7	283.5	24.08	278.1	22.80	272.7	21.51	270.0	20.97	264.6	20.42	259.2	19.34
	26.6	25.3	283.5	24.79	278.1	23.47	272.7	22.14	270.0	21.58	264.6	21.02	259.2	19.90
	23.0	21.9	272.6	24.28	267.4	22.98	262.2	21.68	259.6	21.13	254.4	20.58	249.2	19.48
	19.4	18.3	259.8	23.61	254.9	22.35	249.9	21.09	247.5	20.55	242.5	20.02	237.6	18.94
	14.0	13.1	241.3	22.63	236.7	21.42	232.1	20.21	229.8	19.70	225.2	19.18	220.6	18.15
	5.9	5.0	212.6	21.05	208.6	19.93	204.5	18.81	202.5	18.32	198.5	17.84	194.4	16.87
	-3.1	-4.0	175.8	18.65	172.4	17.66	169.1	16.67	167.4	16.24	164.1	15.80	160.7	14.93
	-9.0	-9.4	146.9	16.33	144.1	15.46	141.3	14.60	139.9	14.21	137.1	13.83	134.3	13.07
	-12.6	-13.0	127.6	14.68	125.1	13.90	122.7	13.12	121.5	12.78	119.1	12.43	116.6	11.74
	-17.3	-18.4	98.7	12.01	96.8	11.38	94.9	10.74	94.0	10.46	92.1	10.17	90.2	9.60
	-21.8	-22.0	79.4	10.08	77.9	9.54	76.4	9.01	75.6	8.77	74.1	8.53	72.6	8.05
110	59.0	56.7	289.2	21.62	283.7	20.46	278.2	19.30	275.4	18.82	269.9	18.35	264.4	17.39
	55.4	53.2	289.2	21.90	283.7	20.73	278.2	19.55	275.4	19.07	269.9	18.58	264.4	17.61
	51.8	49.6	289.2	22.21	283.7	21.02	278.2	19.83	275.4	19.34	269.9	18.84	264.4	17.86
	48.2	46.2	289.2	22.52	283.7	21.32	278.2	20.11	275.4	19.61	269.9	19.11	264.4	18.10
	47.0	43.0	289.2	22.84	283.7	21.61	278.2	20.39	275.4	19.88	269.9	19.37	264.4	18.35
	41.0	39.4	289.2	23.20	283.7	21.96	278.2	20.72	275.4	20.20	269.9	19.68	264.4	18.64
	36.5	35.0	289.2	23.68	283.7	22.41	278.2	21.15	275.4	20.61	269.9	20.08	264.4	19.02
	32.0	30.7	289.2	24.20	283.7	22.90	278.2	21.61	275.4	21.06	269.9	20.52	264.4	19.43
	26.6	25.3	289.2	24.91	283.7	23.58	278.2	22.24	275.4	21.68	269.9	21.12	264.4	19.99
	23.0	21.9	278.0	24.39	272.7	23.09	267.4	21.78	264.8	21.23	259.5	20.68	254.2	19.57
	19.4	18.3	265.0	23.72	260.0	22.45	254.9	21.19	252.4	20.65	247.4	20.11	242.3	19.03
	14.0	13.1	246.2	22.73	241.5	21.52	236.8	20.31	234.4	19.79	229.7	19.27	225.1	18.23
	5.9	5.0	216.9	21.15	212.7	20.02	208.6	18.90	206.6	18.41	202.4	17.92	198.3	16.95
	-3.1	-4.0	179.3	18.74	175.9	17.74	172.5	16.75	170.7	16.31	167.3	15.88	163.9	15.00
	-9.0	-9.4	149.8	16.40	146.9	15.53	144.1	14.67	142.7	14.28	139.8	13.90	137.0	13.13
	-12.6	-13.0	130.1	14.75	127.6	13.96	125.2	13.18	123.9	12.84	121.5	12.49	119.0	11.80
	-17.3	-18.4	100.6	12.07	98.7	11.43	96.8	10.79	95.8	10.50	93.9	10.22	92.0	9.65
	-21.8	-22.0	81.0	10.12	79.4	9.59	77.9	9.05	77.1	8.81	75.6	8.57	74.0	8.09
120	59.0	56.7	297.7	21.93	292.0	20.75	286.3	19.57	283.5	19.09	277.8	18.61	272.2	17.64
	55.4	53.2	297.7	22.21	292.0	21.02	286.3	19.83	283.5	19.34	277.8	18.84	272.2	17.86
	51.8	49.6	297.7	22.53	292.0	21.32	286.3	20.11	283.5	19.61	277.8	19.11	272.2	18.11
	48.2	46.2	297.7	22.84	292.0	21.62	286.3	20.39	283.5	19.88	277.8	19.38	272.2	18.36
	47.0	43.0	297.7	23.16	292.0	21.92	286.3	20.68	283.5	20.16	277.8	19.64	272.2	18.61
	41.0	39.4	297.7	23.53	292.0	22.27	286.3	21.01	283.5	20.49	277.8	19.96	272.2	18.91
	36.5	35.0	297.7	24.02	292.0	22.73	286.3	21.44	283.5	20.91	277.8	20.37	272.2	19.29
	32.0	30.7	297.7	24.54	292.0	23.23	286.3	21.91	283.5	21.36	277.8	20.81	272.2	19.71
	26.6	25.3	297.7	25.26	292.0	23.91	286.3	22.56	283.5	21.99	277.8	21.42	272.2	20.28
	23.0	21.9	286.2	24.73	280.8	23.41	275.3	22.09	272.6	21.53	267.1	20.97	261.7	19.85
	19.4	18.3	272.8	24.06	267.6	22.77	262.4	21.49	259.8	20.94	254.6	20.39	249.4	19.30
	14.0	13.1	253.4	23.05	248.6	21.82	243.7	20.60	241.3	20.07	236.5	19.54	231.7	18.49
	5.9	5.0	223.3	21.44	219.0	20.30	214.8	19.16	212.6	18.67	208.4	18.17	204.1	17.19
	-3.1	-4.0	184.6	19.00	181.0	17.99	177.5	16.99	175.8	16.54	172.3	16.10	168.7	15.22
	-9.0	-9.4	154.2	16.64	151.3	15.75	148.3	14.87	146.9	14.48	143.9	14.09	141.0	13.31
	-12.6	-13.0	134.0	14.95	131.4	14.16	128.9	13.37	127.6	13.02	125.0	12.67	122.5	11.96
	-17.3	-18.4	103.6	12.24	101.6	11.59	99.6	10.94	98.7	10.65	96.7	10.36	94.7	9.78
	-21.8	-22.0	83.3	10.27	81.8	9.72	80.2	9.18	79.4	8.94	77.8	8.69	76.2	8.20
130	59.0	56.7	304.8	22.12	299.0	20.94	293.2	19.75	290.3	19.26	284.4	18.77	278.6	17.79
	55.4	53.2	304.8	22.41	299.0	21.21	293.2	20.00	290.3	19.51	284.4	19.01	278.6	18.02
	51.8	49.6	304.8	22.72	299.0	21.51	293.2	20.29	290.3	19.78	284.4	19.28	278.6	18.27
	48.2	46.2	304.8	23.04	299.0	21.81	293.2	20.57	290.3	20.06	284.4	19.55	278.6	18.52
	47.0	43.0	304.8	23.36	299.0	22.11	293.2	20.86	290.3	20.34	284.4	19.82	278.6	18.78
	41.0	39.4	304.8	23.74	299.0	22.47	293.2	21.20	290.3	20.67	284.4	20.14	278.6	19.08
	36.5	35.0	304.8	24.23	299.0	22.93	293.2	21.63	290.3	21.09	284.4	20.55	278.6	19.46
	32.0	30.7	304.8	24.76	299.0	23.43	293.2	22.11	290.3	21.55	284.4	20.99	278.6	19.88
	26.6	25.3	304.8	25.48	299.0	24.12	293.2	22.76	290.3	22.18	284.4	21.61	278.6	20.45
	23.0	21.9	293.0	24.95	287.4	23.62	281.9	22.29	279.1	21.72	273.5	21.16	267.9	20.03
	19.4	18.3	279.3	24.27	274.0	22.97	268.7	21.68	266.0	21.13	260.7	20.57	255.4	19.47
	14.0	13.1	259.4	23.26	254.5	22.02	249.5	20.78	247.1	20.25	242.1	19.72	237.2	18.65
	5.9	5.0	228.6	21.63	224.2	20.48	219.9	19.33	217.7	18.83	213.3	18.34	209.0	17.34
	-3.1	-4.0	189.0	19.17	185.4	18.15	181.8	17.14	180.0	16.69	176.4	16.24	172.8	15.35
	-9.0	-9.4	157.9	16.78	154.9	15.89	151.9	15.00	150.3	14.61	147.3	14.22	144.3	13.43
	-12.6	-13.0	137.1	15.09	134.5	14.29	131.9	13.49	130.6	13.13	128.0	12.78	125.4	12.07
	-17.3	-18.4	106.1	12.34	104.0	11.69	102.0	11.04	101.0	10.75	99.0	10.45	97.0	9.87
	-21.8	-22.0	85.3	10.36	83.7	9.81	82.1	9.26	81.3	9.02	79.6	8.77	78.0	8.28

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	255.2	19.16	250.3	18.13	245.4	17.11	243.0	16.68	238.1	16.26	233.3	15.41
	55.4	53.2	255.2	19.41	250.3	18.37	245.4	17.33	243.0	16.90	238.1	16.47	233.3	15.61
	51.8	49.6	255.2	19.68	250.3	18.63	245.4	17.57	243.0	17.14	238.1	16.70	233.3	15.83
	48.2	46.2	255.2	19.96	250.3	18.89	245.4	17.82	243.0	17.38	238.1	16.93	233.3	16.04
	47.0	43.0	255.2	20.24	250.3	19.15	245.4	18.07	243.0	17.62	238.1	17.17	233.3	16.26
	41.0	39.4	255.2	20.56	250.3	19.46	245.4	18.36	243.0	17.90	238.1	17.44	233.3	16.52
	36.5	35.0	255.2	20.99	250.3	19.86	245.4	18.74	243.0	18.27	238.1	17.80	233.3	16.86
	32.0	30.7	255.2	21.44	250.3	20.30	245.4	19.15	243.0	18.67	238.1	18.18	233.3	17.22
	26.6	25.3	255.2	22.07	250.3	20.89	245.4	19.71	243.0	19.21	238.1	18.72	233.3	17.72
	23.0	21.9	245.3	21.61	240.7	20.46	236.0	19.31	233.6	18.82	229.0	18.33	224.3	17.35
	19.4	18.3	233.8	21.02	229.4	19.90	224.9	18.78	222.7	18.30	218.3	17.82	213.8	16.87
	14.0	13.1	217.2	20.15	213.1	19.07	208.9	18.00	206.9	17.54	202.7	17.08	198.6	16.16
	5.9	5.0	191.4	18.74	187.7	17.74	184.1	16.75	182.3	16.31	178.6	15.88	175.0	15.02
	-3.1	-4.0	158.2	16.61	155.2	15.72	152.2	14.84	150.7	14.46	147.6	14.07	144.6	13.30
	-9.0	-9.4	132.2	14.54	129.7	13.77	127.1	13.00	125.9	12.66	123.4	12.32	120.8	11.63
	-12.6	-13.0	114.8	13.07	112.6	12.38	110.4	11.68	109.4	11.38	107.2	11.07	105.0	10.45
	-17.3	-18.4	88.8	10.69	87.1	10.13	85.4	9.56	84.6	9.31	82.9	9.06	81.2	8.55
	-21.8	-22.0	71.4	8.97	70.1	8.50	68.7	8.02	68.0	7.81	66.7	7.60	65.3	7.17
80	59.0	56.7	226.8	16.85	222.5	15.95	218.2	15.04	216.0	14.67	211.7	14.30	207.4	13.56
	55.4	53.2	226.8	17.07	222.5	16.15	218.2	15.24	216.0	14.86	211.7	14.48	207.4	13.73
	51.8	49.6	226.8	17.31	222.5	16.38	218.2	15.45	216.0	15.07	211.7	14.69	207.4	13.92
	48.2	46.2	226.8	17.55	222.5	16.61	218.2	15.67	216.0	15.28	211.7	14.89	207.4	14.11
	47.0	43.0	226.8	17.80	222.5	16.84	218.2	15.89	216.0	15.49	211.7	15.10	207.4	14.30
	41.0	39.4	226.8	18.09	222.5	17.12	218.2	16.15	216.0	15.74	211.7	15.34	207.4	14.53
	36.5	35.0	226.8	18.46	222.5	17.47	218.2	16.48	216.0	16.07	211.7	15.65	207.4	14.82
	32.0	30.7	226.8	18.86	222.5	17.85	218.2	16.84	216.0	16.42	211.7	15.99	207.4	15.14
	26.6	25.3	226.8	19.41	222.5	18.37	218.2	17.34	216.0	16.90	211.7	16.46	207.4	15.58
	23.0	21.9	218.1	19.01	213.9	17.99	209.8	16.98	207.7	16.55	203.5	16.12	199.4	15.25
	19.4	18.3	207.9	18.49	203.9	17.50	199.9	16.51	198.0	16.09	194.0	15.67	190.0	14.83
	14.0	13.1	193.1	17.72	189.4	16.77	185.7	15.83	183.9	15.42	180.2	15.02	176.5	14.21
	5.9	5.0	170.1	16.48	166.9	15.60	163.6	14.73	162.0	14.35	158.8	13.97	155.5	13.21
	-3.1	-4.0	140.6	14.60	137.9	13.83	135.3	13.05	133.9	12.71	131.2	12.37	128.6	11.69
	-9.0	-9.4	117.5	12.78	115.2	12.11	113.0	11.43	111.9	11.13	109.7	10.83	107.4	10.23
	-12.6	-13.0	102.1	11.49	100.1	10.88	98.2	10.28	97.2	10.00	95.3	9.73	93.3	9.19
	-17.3	-18.4	78.9	9.40	77.4	8.91	75.9	8.41	75.2	8.19	73.7	7.96	72.2	7.52
	-21.8	-22.0	63.5	7.89	62.3	7.47	61.1	7.06	60.5	6.87	59.3	6.68	58.1	6.30
70	59.0	56.7	198.5	14.59	194.7	13.81	190.9	13.02	189.0	12.70	185.2	12.38	181.4	11.74
	55.4	53.2	198.5	14.78	194.7	13.99	190.9	13.19	189.0	12.87	185.2	12.54	181.4	11.88
	51.8	49.6	198.5	14.99	194.7	14.18	190.9	13.38	189.0	13.05	185.2	12.72	181.4	12.05
	48.2	46.2	198.5	15.20	194.7	14.38	190.9	13.57	189.0	13.23	185.2	12.89	181.4	12.22
	47.0	43.0	198.5	15.41	194.7	14.58	190.9	13.76	189.0	13.41	185.2	13.07	181.4	12.38
	41.0	39.4	198.5	15.66	194.7	14.82	190.9	13.98	189.0	13.63	185.2	13.28	181.4	12.58
	36.5	35.0	198.5	15.98	194.7	15.12	190.9	14.27	189.0	13.91	185.2	13.55	181.4	12.84
	32.0	30.7	198.5	16.33	194.7	15.45	190.9	14.58	189.0	14.21	185.2	13.85	181.4	13.11
	26.6	25.3	198.5	16.81	194.7	15.91	190.9	15.01	189.0	14.63	185.2	14.25	181.4	13.49
	23.0	21.9	190.8	16.46	187.2	15.58	183.5	14.70	181.7	14.33	178.1	13.95	174.5	13.21
	19.4	18.3	181.9	16.01	178.4	15.15	175.0	14.30	173.2	13.93	169.8	13.57	166.3	12.84
	14.0	13.1	168.9	15.34	165.7	14.52	162.5	13.70	160.9	13.35	157.7	13.00	154.5	12.30
	5.9	5.0	148.8	14.27	146.0	13.51	143.2	12.75	141.8	12.42	138.9	12.09	136.1	11.44
	-3.1	-4.0	123.0	12.64	120.7	11.97	118.4	11.30	117.2	11.01	114.8	10.71	112.5	10.13
	-9.0	-9.4	102.8	11.07	100.8	10.48	98.9	9.90	97.9	9.64	95.9	9.38	94.0	8.86
	-12.6	-13.0	89.3	9.95	87.6	9.42	85.9	8.90	85.1	8.66	83.3	8.43	81.6	7.96
	-17.3	-18.4	69.1	8.14	67.7	7.71	66.4	7.28	65.8	7.09	64.5	6.90	63.1	6.51
	-21.8	-22.0	55.6	6.83	54.5	6.47	53.4	6.11	52.9	5.95	51.9	5.78	50.8	5.46

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP2641FT6P-UL/MMY-UP2641FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	311.9	25.29	305.9	23.93	300.0	22.57	297.0	22.01	291.1	21.45	285.1	20.34
	55.4	53.2	311.9	25.61	305.9	24.24	300.0	22.86	297.0	22.29	291.1	21.73	285.1	20.59
	51.8	49.6	311.9	25.97	305.9	24.58	300.0	23.19	297.0	22.61	291.1	22.03	285.1	20.88
	48.2	46.2	311.9	26.34	305.9	24.92	300.0	23.51	297.0	22.93	291.1	22.34	285.1	21.17
	47.0	43.0	311.9	26.70	305.9	25.27	300.0	23.84	297.0	23.25	291.1	22.65	285.1	21.46
	41.0	39.4	311.9	27.13	305.9	25.68	300.0	24.23	297.0	23.62	291.1	23.01	285.1	21.80
	36.5	35.0	311.9	27.69	305.9	26.21	300.0	24.73	297.0	24.10	291.1	23.48	285.1	22.24
	32.0	30.7	296.4	26.85	290.7	25.41	285.1	23.97	282.2	23.37	276.6	22.77	270.9	21.56
	26.6	25.3	276.7	25.75	271.4	24.37	266.2	23.00	263.5	22.41	258.3	21.83	253.0	20.67
	23.0	21.9	264.3	25.04	259.2	23.70	254.2	22.36	251.7	21.80	246.6	21.23	241.6	20.09
	19.4	18.3	251.2	24.28	246.4	22.98	241.6	21.69	239.2	21.14	234.4	20.58	229.6	19.48
	14.0	13.1	232.2	23.16	227.7	21.92	223.3	20.69	221.1	20.16	216.7	19.63	212.3	18.57
	5.9	5.0	202.7	21.34	198.8	20.21	195.0	19.07	193.1	18.58	189.2	18.09	185.3	17.10
	-3.1	-4.0	165.3	18.65	162.1	17.66	159.0	16.67	157.4	16.24	154.3	15.80	151.1	14.94
	-9.0	-9.4	141.0	16.68	138.3	15.80	135.6	14.91	134.2	14.52	131.6	14.13	128.9	13.35
	-12.6	-13.0	124.7	15.29	122.4	14.48	120.0	13.67	118.8	13.31	116.4	12.95	114.0	12.23
	-17.3	-18.4	100.4	13.04	98.5	12.35	96.6	11.66	95.6	11.35	93.7	11.04	91.8	10.42
	-21.8	-22.0	84.2	11.41	82.6	10.80	81.0	10.20	80.2	9.93	78.6	9.66	77.0	9.12
110	59.0	56.7	318.1	25.40	312.0	24.04	306.0	22.67	302.9	22.11	296.9	21.55	290.8	20.43
	55.4	53.2	318.1	25.73	312.0	24.35	306.0	22.97	302.9	22.40	296.9	21.83	290.8	20.69
	51.8	49.6	318.1	26.09	312.0	24.69	306.0	23.29	302.9	22.71	296.9	22.14	290.8	20.98
	48.2	46.2	318.1	26.46	312.0	25.04	306.0	23.62	302.9	23.03	296.9	22.45	290.8	21.27
	47.0	43.0	318.1	26.83	312.0	25.39	306.0	23.95	302.9	23.35	296.9	22.76	290.8	21.56
	41.0	39.4	318.1	27.26	312.0	25.80	306.0	24.34	302.9	23.73	296.9	23.12	290.8	21.90
	36.5	35.0	318.1	27.82	312.0	26.33	306.0	24.84	302.9	24.22	296.9	23.59	290.8	22.35
	32.0	30.7	302.3	26.97	296.5	25.53	290.8	24.09	287.9	23.48	282.1	22.87	276.4	21.66
	26.6	25.3	282.2	25.87	276.9	24.48	271.5	23.10	268.8	22.52	263.4	21.93	258.0	20.76
	23.0	21.9	269.5	25.15	264.4	23.81	259.3	22.47	256.7	21.90	251.6	21.33	246.4	20.19
	19.4	18.3	256.2	24.39	251.3	23.09	246.4	21.79	244.0	21.23	239.1	20.68	234.2	19.57
	14.0	13.1	236.8	23.26	232.3	22.02	227.8	20.78	225.5	20.25	221.0	19.72	216.5	18.66
	5.9	5.0	206.8	21.44	202.8	20.30	198.9	19.16	196.9	18.67	193.0	18.17	189.0	17.18
	-3.1	-4.0	168.6	18.74	165.4	17.74	162.2	16.75	160.6	16.31	157.3	15.88	154.1	15.01
	-9.0	-9.4	143.8	16.76	141.0	15.87	138.3	14.98	136.9	14.59	134.2	14.20	131.5	13.41
	-12.6	-13.0	127.2	15.36	124.8	14.54	122.4	13.73	121.2	13.37	118.8	13.01	116.3	12.29
	-17.3	-18.4	102.4	13.10	100.5	12.40	98.5	11.71	97.5	11.40	95.6	11.09	93.6	10.47
	-21.8	-22.0	85.9	11.46	84.2	10.85	82.6	10.25	81.8	9.98	80.2	9.70	78.5	9.16
120	59.0	56.7	327.4	25.76	321.2	24.38	315.0	23.00	311.9	22.43	305.6	21.86	299.4	20.72
	55.4	53.2	327.4	26.09	321.2	24.69	315.0	23.29	311.9	22.71	305.6	22.14	299.4	20.98
	51.8	49.6	327.4	26.46	321.2	25.04	315.0	23.62	311.9	23.04	305.6	22.45	299.4	21.28
	48.2	46.2	327.4	26.83	321.2	25.39	315.0	23.96	311.9	23.36	305.6	22.76	299.4	21.57
	47.0	43.0	327.4	27.21	321.2	25.75	315.0	24.29	311.9	23.68	305.6	23.08	299.4	21.86
	41.0	39.4	327.4	27.65	321.2	26.16	315.0	24.68	311.9	24.07	305.6	23.45	299.4	22.21
	36.5	35.0	327.4	28.21	321.2	26.70	315.0	25.19	311.9	24.56	305.6	23.93	299.4	22.66
	32.0	30.7	311.2	27.35	305.2	25.89	299.3	24.43	296.4	23.81	290.4	23.20	284.5	21.96
	26.6	25.3	290.5	26.23	285.0	24.83	279.5	23.43	276.7	22.84	271.2	22.24	265.6	21.06
	23.0	21.9	277.5	25.51	272.2	24.15	266.9	22.79	264.3	22.21	259.0	21.63	253.7	20.47
	19.4	18.3	263.7	24.74	258.7	23.42	253.7	22.10	251.2	21.54	246.1	20.97	241.1	19.85
	14.0	13.1	243.8	23.59	239.1	22.34	234.5	21.08	232.2	20.54	227.5	20.00	222.9	18.92
	5.9	5.0	212.8	21.74	208.8	20.59	204.7	19.43	202.7	18.93	198.6	18.43	194.6	17.43
	-3.1	-4.0	173.5	19.00	170.2	18.00	166.9	16.99	165.3	16.55	162.0	16.10	158.7	15.22
	-9.0	-9.4	148.0	17.00	145.2	16.10	142.4	15.20	141.0	14.80	138.1	14.40	135.3	13.60
	-12.6	-13.0	131.0	15.57	128.5	14.75	126.0	13.93	124.7	13.56	122.2	13.19	119.8	12.46
	-17.3	-18.4	105.4	13.28	103.4	12.58	101.4	11.88	100.4	11.56	98.4	11.25	96.4	10.62
	-21.8	-22.0	88.4	11.62	86.7	11.01	85.0	10.39	84.2	10.12	82.5	9.84	80.8	9.29
130	59.0	56.7	335.2	25.99	328.9	24.59	322.5	23.20	319.3	22.63	312.9	22.05	306.5	20.90
	55.4	53.2	335.2	26.32	328.9	24.91	322.5	23.50	319.3	22.92	312.9	22.33	306.5	21.17
	51.8	49.6	335.2	26.70	328.9	25.26	322.5	23.83	319.3	23.24	312.9	22.65	306.5	21.46
	48.2	46.2	335.2	27.07	328.9	25.62	322.5	24.17	319.3	23.57	312.9	22.96	306.5	21.76
	47.0	43.0	335.2	27.45	328.9	25.98	322.5	24.51	319.3	23.89	312.9	23.28	306.5	22.06
	41.0	39.4	335.2	27.89	328.9	26.40	322.5	24.90	319.3	24.28	312.9	23.66	306.5	22.41
	36.5	35.0	335.2	28.46	328.9	26.94	322.5	25.42	319.3	24.78	312.9	24.14	306.5	22.86
	32.0	30.7	318.6	27.59	312.5	26.12	306.4	24.64	303.4	24.02	297.3	23.40	291.3	22.16
	26.6	25.3	297.5	26.46	291.8	25.05	286.1	23.64	283.3	23.04	277.6	22.44	272.0	21.24
	23.0	21.9	284.1	25.74	278.7	24.36	273.3	22.99	270.6	22.40	265.1	21.82	259.7	20.65
	19.4	18.3	270.0	24.96	264.9	23.63	259.7	22.29	257.1	21.73	252.0	21.16	246.9	20.02
	14.0	13.1	249.6	23.80	244.8	22.53	240.1	21.26	237.7	20.72	232.9	20.18	228.2	19.09
	5.9	5.0	217.9	21.94	213.8	20.77	209.6	19.60	207.5	19.10	203.4	18.59	199.2	17.58
	-3.1	-4.0	177.7	19.17	174.3	18.16	170.9	17.14	169.2	16.69	165.8	16.25	162.4	15.35
	-9.0	-9.4	151.5	17.15	148.6	16.24	145.8	15.33	144.3	14.93	141.4	14.53	138.5	13.72
	-12.6	-13.0	134.1	15.71	131.5	14.88	129.0	14.05	127.7	13.68	125.2	13.31	122.6	12.57
	-17.3	-18.4	107.9	13.40	105.9	12.69	103.8	11.98	102.8	11.66	100.8	11.35	98.7	10.71
	-21.8	-22.0	90.5	11.72	88.8	11.11	87.1	10.49	86.2	10.21	84.5	9.93	82.8	9.37

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	280.7	22.51	275.3	21.30	270.0	20.09	267.3	19.60	262.0	19.10	256.6	18.11
	55.4	53.2	280.7	22.80	275.3	21.58	270.0	20.35	267.3	19.85	262.0	19.35	256.6	18.34
	51.8	49.6	280.7	23.12	275.3	21.88	270.0	20.64	267.3	20.13	262.0	19.62	256.6	18.59
	48.2	46.2	280.7	23.45	275.3	22.19	270.0	20.93	267.3	20.41	262.0	19.89	256.6	18.85
	47.0	43.0	280.7	23.77	275.3	22.50	270.0	21.23	267.3	20.70	262.0	20.17	256.6	19.11
	41.0	39.4	280.7	24.16	275.3	22.86	270.0	21.57	267.3	21.03	262.0	20.49	256.6	19.41
	36.5	35.0	280.7	24.65	275.3	23.33	270.0	22.01	267.3	21.46	262.0	20.91	256.6	19.80
	32.0	30.7	266.7	23.90	261.6	22.62	256.6	21.35	254.0	20.81	248.9	20.27	243.9	19.19
	26.6	25.3	249.0	22.92	244.3	21.70	239.5	20.47	237.2	19.96	232.4	19.44	227.7	18.40
	23.0	21.9	237.8	22.29	233.3	21.10	228.8	19.91	226.5	19.41	222.0	18.90	217.4	17.89
	19.4	18.3	226.0	21.62	221.7	20.46	217.4	19.31	215.3	18.82	211.0	18.33	206.7	17.34
	14.0	13.1	209.0	20.62	205.0	19.52	201.0	18.42	199.0	17.95	195.0	17.48	191.0	16.53
	5.9	5.0	182.4	19.00	179.0	17.99	175.5	16.98	173.7	16.54	170.3	16.10	166.8	15.23
	-3.1	-4.0	148.8	16.61	145.9	15.73	143.1	14.84	141.7	14.46	138.8	14.07	136.0	13.30
	-9.0	-9.4	126.9	14.85	124.4	14.07	122.0	13.28	120.8	12.93	118.4	12.58	116.0	11.89
	-12.6	-13.0	112.3	13.61	110.1	12.89	108.0	12.17	106.9	11.85	104.8	11.53	102.6	10.89
	-17.3	-18.4	90.4	11.61	88.7	10.99	86.9	10.38	86.1	10.10	84.3	9.83	82.6	9.28
	-21.8	-22.0	75.8	10.16	74.3	9.62	72.9	9.08	72.2	8.84	70.7	8.60	69.3	8.12
80	59.0	56.7	249.5	19.80	244.7	18.74	240.0	17.67	237.6	17.24	232.8	16.80	228.1	15.92
	55.4	53.2	249.5	20.05	244.7	18.98	240.0	17.90	237.6	17.46	232.8	17.01	228.1	16.13
	51.8	49.6	249.5	20.34	244.7	19.25	240.0	18.15	237.6	17.70	232.8	17.25	228.1	16.35
	48.2	46.2	249.5	20.62	244.7	19.52	240.0	18.41	237.6	17.95	232.8	17.49	228.1	16.58
	47.0	43.0	249.5	20.91	244.7	19.79	240.0	18.67	237.6	18.20	232.8	17.74	228.1	16.80
	41.0	39.4	249.5	21.25	244.7	20.11	240.0	18.97	237.6	18.50	232.8	18.02	228.1	17.07
	36.5	35.0	249.5	21.68	244.7	20.52	240.0	19.36	237.6	18.87	232.8	18.39	228.1	17.42
	32.0	30.7	237.1	21.02	232.6	19.90	228.0	18.77	225.8	18.30	221.3	17.83	216.8	16.88
	26.6	25.3	221.4	20.16	217.1	19.08	212.9	18.01	210.8	17.55	206.6	17.09	202.4	16.18
	23.0	21.9	211.4	19.60	207.4	18.56	203.4	17.51	201.3	17.07	197.3	16.62	193.3	15.73
	19.4	18.3	200.9	19.01	197.1	18.00	193.3	16.98	191.4	16.55	187.5	16.12	183.7	15.25
	14.0	13.1	185.7	18.13	182.2	17.16	178.7	16.20	176.9	15.78	173.4	15.37	169.8	14.54
	5.9	5.0	162.2	16.71	159.1	15.82	156.0	14.93	154.4	14.55	151.4	14.16	148.3	13.39
	-3.1	-4.0	132.2	14.61	129.7	13.83	127.2	13.06	125.9	12.72	123.4	12.38	120.9	11.70
	-9.0	-9.4	112.8	13.06	110.6	12.37	108.5	11.68	107.4	11.37	105.2	11.07	103.1	10.45
	-12.6	-13.0	99.8	11.97	97.9	11.34	96.0	10.70	95.0	10.42	93.1	10.14	91.2	9.58
	-17.3	-18.4	80.3	10.21	78.8	9.67	77.3	9.13	76.5	8.89	75.0	8.64	73.4	8.16
	-21.8	-22.0	67.4	8.93	66.1	8.46	64.8	7.99	64.2	7.78	62.9	7.56	61.6	7.14
70	59.0	56.7	218.3	17.14	214.1	16.22	210.0	15.30	207.9	14.92	203.7	14.54	199.6	13.79
	55.4	53.2	218.3	17.36	214.1	16.43	210.0	15.50	207.9	15.11	203.7	14.73	199.6	13.96
	51.8	49.6	218.3	17.61	214.1	16.66	210.0	15.72	207.9	15.33	203.7	14.94	199.6	14.16
	48.2	46.2	218.3	17.85	214.1	16.90	210.0	15.94	207.9	15.54	203.7	15.15	199.6	14.35
	47.0	43.0	218.3	18.10	214.1	17.13	210.0	16.16	207.9	15.76	203.7	15.36	199.6	14.55
	41.0	39.4	218.3	18.39	214.1	17.41	210.0	16.42	207.9	16.01	203.7	15.60	199.6	14.78
	36.5	35.0	218.3	18.77	214.1	17.77	210.0	16.76	207.9	16.34	203.7	15.92	199.6	15.08
	32.0	30.7	207.4	18.20	203.5	17.23	199.5	16.25	197.6	15.84	193.6	15.43	189.7	14.61
	26.6	25.3	193.7	17.45	190.0	16.52	186.3	15.59	184.5	15.19	180.8	14.80	177.1	14.01
	23.0	21.9	185.0	16.97	181.5	16.07	177.9	15.16	176.2	14.78	172.7	14.39	169.1	13.62
	19.4	18.3	175.8	16.46	172.5	15.58	169.1	14.70	167.4	14.33	164.1	13.95	160.7	13.21
	14.0	13.1	162.5	15.70	159.4	14.86	156.3	14.02	154.8	13.67	151.7	13.31	148.6	12.59
	5.9	5.0	141.9	14.47	139.2	13.70	136.5	12.93	135.1	12.60	132.4	12.26	129.7	11.60
	-3.1	-4.0	115.7	12.65	113.5	11.97	111.3	11.30	110.2	11.01	108.0	10.71	105.8	10.13
	-9.0	-9.4	98.7	11.31	96.8	10.71	94.9	10.11	94.0	9.85	92.1	9.58	90.2	9.05
	-12.6	-13.0	87.3	10.36	85.7	9.81	84.0	9.27	83.2	9.02	81.5	8.78	79.8	8.29
	-17.3	-18.4	70.3	8.84	69.0	8.37	67.6	7.90	66.9	7.69	65.6	7.48	64.3	7.07
	-21.8	-22.0	58.9	7.73	57.8	7.32	56.7	6.92	56.1	6.73	55.0	6.55	53.9	6.18

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP2881FT6P-UL/MMY-UP2881FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	340.2	27.77	333.7	26.27	327.2	24.78	324.0	24.17	317.5	23.56	311.0	22.33
	55.4	53.2	340.2	28.12	333.7	26.61	327.2	25.10	324.0	24.48	317.5	23.86	311.0	22.61
	51.8	49.6	340.2	28.52	333.7	26.99	327.2	25.46	324.0	24.83	317.5	24.19	311.0	22.93
	48.2	46.2	340.2	28.92	333.7	27.37	327.2	25.82	324.0	25.18	317.5	24.53	311.0	23.25
	47.0	43.0	340.2	29.32	333.7	27.75	327.2	26.18	324.0	25.53	317.5	24.87	311.0	23.56
	41.0	39.4	340.2	29.79	333.7	28.20	327.2	26.60	324.0	25.94	317.5	25.27	311.0	23.94
	36.5	35.0	340.2	30.41	333.7	28.78	327.2	27.15	324.0	26.47	317.5	25.79	311.0	24.42
	32.0	30.7	340.2	31.07	333.7	29.41	327.2	27.75	324.0	27.05	317.5	26.35	311.0	24.95
	26.6	25.3	340.2	31.98	333.7	30.27	327.2	28.56	324.0	27.84	317.5	27.12	311.0	25.67
	23.0	21.9	327.1	31.32	320.9	29.64	314.6	27.97	311.5	27.26	305.3	26.55	299.1	25.13
	19.4	18.3	311.8	30.46	305.9	28.83	299.9	27.21	296.9	26.51	291.0	25.82	285.1	24.44
	14.0	13.1	289.6	29.19	284.1	27.63	278.6	26.08	275.8	25.41	270.3	24.74	264.8	23.41
	5.9	5.0	255.2	27.15	250.3	25.71	245.4	24.26	243.0	23.64	238.1	23.01	233.3	21.76
	-3.1	-4.0	210.9	24.06	206.9	22.78	202.9	21.51	200.9	20.95	196.9	20.39	192.8	19.27
	-9.0	-9.4	176.2	21.06	172.9	19.95	169.5	18.83	167.8	18.34	164.5	17.84	161.1	16.86
	-12.6	-13.0	153.1	18.93	150.2	17.93	147.3	16.93	145.8	16.48	142.9	16.04	140.0	15.15
	-17.3	-18.4	118.4	15.49	116.1	14.67	113.9	13.85	112.8	13.49	110.5	13.12	108.2	12.39
	-21.8	-22.0	95.3	13.00	93.4	12.31	91.6	11.62	90.7	11.32	88.9	11.01	87.1	10.39
110	59.0	56.7	347.0	27.89	340.4	26.40	333.8	24.90	330.5	24.28	323.9	23.67	317.3	22.44
	55.4	53.2	347.0	28.25	340.4	26.74	333.8	25.22	330.5	24.59	323.9	23.97	317.3	22.72
	51.8	49.6	347.0	28.65	340.4	27.12	333.8	25.58	330.5	24.94	323.9	24.31	317.3	23.04
	48.2	46.2	347.0	29.05	340.4	27.50	333.8	25.94	330.5	25.29	323.9	24.65	317.3	23.35
	47.0	43.0	347.0	29.46	340.4	27.88	333.8	26.30	330.5	25.64	323.9	24.99	317.3	23.67
	41.0	39.4	347.0	29.93	340.4	28.33	333.8	26.73	330.5	26.06	323.9	25.39	317.3	24.05
	36.5	35.0	347.0	30.55	340.4	28.91	333.8	27.28	330.5	26.59	323.9	25.91	317.3	24.54
	32.0	30.7	347.0	31.21	340.4	29.54	333.8	27.87	330.5	27.17	323.9	26.47	317.3	25.06
	26.6	25.3	347.0	32.13	340.4	30.41	333.8	28.70	330.5	27.97	323.9	27.24	317.3	25.79
	23.0	21.9	333.6	31.46	327.3	29.78	320.9	28.10	317.8	27.39	311.4	26.68	305.0	25.25
	19.4	18.3	318.0	30.60	312.0	28.97	305.9	27.33	302.9	26.64	296.8	25.94	290.8	24.55
	14.0	13.1	295.4	29.32	289.8	27.76	284.1	26.20	281.3	25.53	275.7	24.86	270.1	23.52
	5.9	5.0	260.3	27.28	255.3	25.83	250.3	24.38	247.9	23.75	242.9	23.12	237.9	21.86
	-3.1	-4.0	215.1	24.17	211.0	22.89	206.9	21.61	204.9	21.04	200.8	20.48	196.7	19.36
	-9.0	-9.4	179.7	21.16	176.3	20.04	172.9	18.92	171.2	18.42	167.8	17.93	164.3	16.94
	-12.6	-13.0	156.2	19.02	153.2	18.01	150.2	17.01	148.7	16.56	145.7	16.11	142.8	15.22
	-17.3	-18.4	120.8	15.56	118.5	14.74	116.2	13.92	115.0	13.55	112.7	13.18	110.4	12.44
	-21.8	-22.0	97.2	13.06	95.3	12.37	93.5	11.68	92.5	11.37	90.7	11.06	88.8	10.44
120	59.0	56.7	357.2	28.29	350.4	26.77	343.6	25.25	340.2	24.63	333.4	24.00	326.6	22.75
	55.4	53.2	357.2	28.65	350.4	27.11	343.6	25.58	340.2	24.94	333.4	24.31	326.6	23.04
	51.8	49.6	357.2	29.06	350.4	27.50	343.6	25.94	340.2	25.30	333.4	24.65	326.6	23.36
	48.2	46.2	357.2	29.47	350.4	27.89	343.6	26.31	340.2	25.65	333.4	25.00	326.6	23.69
	47.0	43.0	357.2	29.87	350.4	28.27	343.6	26.67	340.2	26.01	333.4	25.34	326.6	24.01
	41.0	39.4	357.2	30.36	350.4	28.73	343.6	27.11	340.2	26.43	333.4	25.75	326.6	24.39
	36.5	35.0	357.2	30.98	350.4	29.32	343.6	27.66	340.2	26.97	333.4	26.27	326.6	24.88
	32.0	30.7	357.2	31.65	350.4	29.96	343.6	28.27	340.2	27.56	333.4	26.84	326.6	25.42
	26.6	25.3	357.2	32.58	350.4	30.84	343.6	29.10	340.2	28.37	333.4	27.63	326.6	26.16
	23.0	21.9	343.5	31.91	336.9	30.20	330.4	28.50	327.1	27.78	320.6	27.05	314.0	25.61
	19.4	18.3	327.4	31.03	321.1	29.38	314.9	27.72	311.8	27.01	305.6	26.31	299.3	24.90
	14.0	13.1	304.1	29.74	298.3	28.15	292.5	26.57	289.6	25.89	283.8	25.21	278.0	23.85
	5.9	5.0	267.9	27.66	262.8	26.19	257.7	24.72	255.2	24.08	250.0	23.45	244.9	22.17
	-3.1	-4.0	221.5	24.51	217.3	23.21	213.0	21.91	210.9	21.34	206.7	20.77	202.5	19.63
	-9.0	-9.4	185.0	21.46	181.5	20.32	178.0	19.19	176.2	18.68	172.7	18.18	169.2	17.17
	-12.6	-13.0	160.7	19.29	157.7	18.27	154.6	17.25	153.1	16.79	150.0	16.34	147.0	15.43
	-17.3	-18.4	124.3	15.78	121.9	14.95	119.6	14.12	118.4	13.74	116.0	13.37	113.7	12.62
	-21.8	-22.0	100.0	13.24	98.1	12.54	96.2	11.84	95.3	11.53	93.4	11.21	91.4	10.58
130	59.0	56.7	365.7	28.54	358.7	27.01	351.8	25.47	348.3	24.84	341.3	24.21	334.4	22.95
	55.4	53.2	365.7	28.91	358.7	27.35	351.8	25.80	348.3	25.16	341.3	24.52	334.4	23.25
	51.8	49.6	365.7	29.32	358.7	27.74	351.8	26.17	348.3	25.52	341.3	24.87	334.4	23.57
	48.2	46.2	365.7	29.73	358.7	28.13	351.8	26.54	348.3	25.88	341.3	25.22	334.4	23.90
	47.0	43.0	365.7	30.14	358.7	28.52	351.8	26.91	348.3	26.24	341.3	25.57	334.4	24.22
	41.0	39.4	365.7	30.63	358.7	28.99	351.8	27.35	348.3	26.66	341.3	25.98	334.4	24.61
	36.5	35.0	365.7	31.25	358.7	29.58	351.8	27.91	348.3	27.21	341.3	26.51	334.4	25.10
	32.0	30.7	365.7	31.93	358.7	30.23	351.8	28.52	348.3	27.80	341.3	27.08	334.4	25.64
	26.6	25.3	365.7	32.87	358.7	31.12	351.8	29.36	348.3	28.62	341.3	27.87	334.4	26.39
	23.0	21.9	351.6	32.19	344.9	30.47	338.2	28.75	334.9	28.02	328.2	27.29	321.5	25.83
	19.4	18.3	335.2	31.31	328.8	29.64	322.4	27.97	319.2	27.25	312.8	26.54	306.4	25.12
	14.0	13.1	311.3	30.00	305.4	28.40	299.5	26.80	296.5	26.12	290.6	25.43	284.6	24.06
	5.9	5.0	274.3	27.91	269.1	26.42	263.8	24.94	261.2	24.30	256.0	23.65	250.8	22.37
	-3.1	-4.0	226.7	24.73	222.4	23.42	218.1	22.11	215.9	21.53	211.6	20.95	207.3	19.80
	-9.0	-9.4	189.4	21.65	185.8	20.50	182.2	19.36	180.4	18.85	176.8	18.34	173.2	17.33
	-12.6	-13.0	164.6	19.46	161.4	18.43	158.3	17.40	156.7	16.94	153.6	16.48	150.5	15.57
	-17.3	-18.4	127.3	15.92	124.8	15.08	122.4	14.24	121.2	13.86	118.8	13.49	116.4	12.73
	-21.8	-22.0	102.4	13.36	100.4	12.65	98.5	11.95	97.5	11.63	95.6	11.31	93.6	10.68

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	306.2	24.72	300.3	23.39	294.5	22.07	291.6	21.52	285.8	20.97	279.9	19.88
	55.4	53.2	306.2	25.04	300.3	23.69	294.5	22.35	291.6	21.80	285.8	21.24	279.9	20.13
	51.8	49.6	306.2	25.39	300.3	24.03	294.5	22.67	291.6	22.10	285.8	21.54	279.9	20.42
	48.2	46.2	306.2	25.75	300.3	24.37	294.5	22.99	291.6	22.42	285.8	21.84	279.9	20.70
	47.0	43.0	306.2	26.11	300.3	24.71	294.5	23.31	291.6	22.73	285.8	22.14	279.9	20.98
	41.0	39.4	306.2	26.53	300.3	25.11	294.5	23.69	291.6	23.09	285.8	22.50	279.9	21.31
	36.5	35.0	306.2	27.07	300.3	25.62	294.5	24.17	291.6	23.57	285.8	22.96	279.9	21.75
	32.0	30.7	306.2	27.66	300.3	26.18	294.5	24.70	291.6	24.08	285.8	23.46	279.9	22.21
	26.6	25.3	306.2	28.47	300.3	26.95	294.5	25.43	291.6	24.79	285.8	24.14	279.9	22.86
	23.0	21.9	294.4	27.88	288.8	26.39	283.2	24.90	280.4	24.27	274.8	23.64	269.2	22.38
	19.4	18.3	280.6	27.12	275.3	25.67	269.9	24.22	267.3	23.61	261.9	22.99	256.6	21.76
	14.0	13.1	260.6	25.99	255.7	24.60	250.7	23.22	248.2	22.62	243.3	22.03	238.3	20.84
	5.9	5.0	229.6	24.17	225.3	22.89	220.9	21.60	218.7	21.04	214.3	20.49	210.0	19.37
	-3.1	-4.0	189.8	21.42	186.2	20.28	182.6	19.15	180.8	18.65	177.2	18.15	173.6	17.15
	-9.0	-9.4	158.6	18.75	155.6	17.76	152.6	16.77	151.0	16.33	148.0	15.89	145.0	15.01
	-12.6	-13.0	137.8	16.86	135.2	15.96	132.5	15.07	131.2	14.68	128.6	14.28	126.0	13.49
	-17.3	-18.4	106.6	13.79	104.5	13.06	102.5	12.34	101.5	12.01	99.4	11.68	97.4	11.03
	-21.8	-22.0	85.7	11.57	84.1	10.96	82.5	10.35	81.6	10.07	80.0	9.80	78.4	9.25
80	59.0	56.7	272.2	21.74	267.0	20.57	261.8	19.41	259.2	18.93	254.0	18.45	248.8	17.49
	55.4	53.2	272.2	22.02	267.0	20.84	261.8	19.66	259.2	19.17	254.0	18.68	248.8	17.71
	51.8	49.6	272.2	22.33	267.0	21.13	261.8	19.94	259.2	19.44	254.0	18.94	248.8	17.95
	48.2	46.2	272.2	22.64	267.0	21.43	261.8	20.22	259.2	19.71	254.0	19.21	248.8	18.20
	47.0	43.0	272.2	22.96	267.0	21.73	261.8	20.50	259.2	19.99	254.0	19.47	248.8	18.45
	41.0	39.4	272.2	23.33	267.0	22.08	261.8	20.83	259.2	20.31	254.0	19.79	248.8	18.75
	36.5	35.0	272.2	23.81	267.0	22.53	261.8	21.26	259.2	20.73	254.0	20.19	248.8	19.12
	32.0	30.7	272.2	24.33	267.0	23.03	261.8	21.73	259.2	21.18	254.0	20.63	248.8	19.54
	26.6	25.3	272.2	25.04	267.0	23.70	261.8	22.37	259.2	21.80	254.0	21.23	248.8	20.10
	23.0	21.9	261.7	24.52	256.7	23.21	251.7	21.90	249.2	21.35	244.2	20.79	239.3	19.68
	19.4	18.3	249.4	23.85	244.7	22.58	239.9	21.30	237.6	20.76	232.8	20.22	228.1	19.13
	14.0	13.1	231.7	22.85	227.3	21.64	222.9	20.42	220.6	19.90	216.2	19.37	211.8	18.33
	5.9	5.0	204.1	21.26	200.2	20.13	196.3	19.00	194.4	18.51	190.5	18.02	186.6	17.04
	-3.1	-4.0	168.7	18.84	165.5	17.84	162.3	16.84	160.7	16.40	157.5	15.96	154.3	15.09
	-9.0	-9.4	141.0	16.49	138.3	15.62	135.6	14.74	134.3	14.36	131.6	13.97	128.9	13.20
	-12.6	-13.0	122.5	14.82	120.1	14.04	117.8	13.26	116.6	12.91	114.3	12.56	112.0	11.86
	-17.3	-18.4	94.7	12.13	92.9	11.49	91.1	10.85	90.2	10.56	88.4	10.27	86.6	9.70
	-21.8	-22.0	76.2	10.18	74.8	9.64	73.3	9.10	72.6	8.86	71.1	8.62	69.7	8.13
70	59.0	56.7	238.1	18.82	233.6	17.81	229.1	16.80	226.8	16.39	222.3	15.97	217.7	15.14
	55.4	53.2	238.1	19.07	233.6	18.04	229.1	17.02	226.8	16.60	222.3	16.17	217.7	15.33
	51.8	49.6	238.1	19.33	233.6	18.30	229.1	17.26	226.8	16.83	222.3	16.40	217.7	15.54
	48.2	46.2	238.1	19.61	233.6	18.55	229.1	17.50	226.8	17.07	222.3	16.63	217.7	15.76
	47.0	43.0	238.1	19.88	233.6	18.81	229.1	17.75	226.8	17.30	222.3	16.86	217.7	15.98
	41.0	39.4	238.1	20.20	233.6	19.12	229.1	18.04	226.8	17.58	222.3	17.13	217.7	16.23
	36.5	35.0	238.1	20.61	233.6	19.51	229.1	18.41	226.8	17.94	222.3	17.48	217.7	16.56
	32.0	30.7	238.1	21.06	233.6	19.94	229.1	18.81	226.8	18.34	222.3	17.86	217.7	16.91
	26.6	25.3	238.1	21.68	233.6	20.52	229.1	19.36	226.8	18.87	222.3	18.38	217.7	17.40
	23.0	21.9	229.0	21.23	224.6	20.10	220.2	18.96	218.1	18.48	213.7	18.00	209.3	17.04
	19.4	18.3	218.3	20.65	214.1	19.55	209.9	18.44	207.9	17.98	203.7	17.51	199.5	16.57
	14.0	13.1	202.7	19.79	198.9	18.73	195.0	17.68	193.1	17.23	189.2	16.77	185.3	15.87
	5.9	5.0	178.6	18.41	175.2	17.43	171.8	16.45	170.1	16.02	166.7	15.60	163.3	14.75
	-3.1	-4.0	147.6	16.31	144.8	15.45	142.0	14.58	140.6	14.20	137.8	13.82	135.0	13.06
	-9.0	-9.4	123.4	14.28	121.0	13.52	118.7	12.77	117.5	12.43	115.1	12.10	112.8	11.43
	-12.6	-13.0	107.2	12.84	105.1	12.16	103.1	11.48	102.1	11.17	100.0	10.87	98.0	10.27
	-17.3	-18.4	82.9	10.50	81.3	9.95	79.7	9.39	78.9	9.14	77.3	8.90	75.8	8.40
	-21.8	-22.0	66.7	8.81	65.4	8.35	64.1	7.88	63.5	7.67	62.2	7.46	61.0	7.04

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP3121FT6P-UL/MMY-UP3121FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	368.6	30.40	361.5	28.77	354.5	27.13	351.0	26.46	344.0	25.79	337.0	24.45
	55.4	53.2	368.6	30.79	361.5	29.14	354.5	27.48	351.0	26.80	344.0	26.12	337.0	24.76
	51.8	49.6	368.6	31.23	361.5	29.55	354.5	27.87	351.0	27.18	344.0	26.49	337.0	25.10
	48.2	46.2	368.6	31.66	361.5	29.97	354.5	28.27	351.0	27.56	344.0	26.86	337.0	25.45
	47.0	43.0	368.6	32.10	361.5	30.38	354.5	28.66	351.0	27.95	344.0	27.23	337.0	25.80
	41.0	39.4	368.6	32.62	361.5	30.87	354.5	29.13	351.0	28.40	344.0	27.67	337.0	26.21
	36.5	35.0	368.6	33.29	361.5	31.51	354.5	29.73	351.0	28.98	344.0	28.23	337.0	26.74
	32.0	30.7	350.2	32.28	343.6	30.55	336.9	28.82	333.6	28.10	326.9	27.37	320.2	25.92
	26.6	25.3	327.0	30.95	320.8	29.30	314.6	27.65	311.4	26.95	305.2	26.25	299.0	24.85
	23.0	21.9	312.3	30.10	306.4	28.49	300.4	26.89	297.4	26.20	291.5	25.52	285.5	24.16
	19.4	18.3	296.8	29.19	291.2	27.63	285.5	26.08	282.7	25.41	277.0	24.75	271.4	23.42
	14.0	13.1	274.4	27.84	269.2	26.36	263.9	24.87	261.3	24.24	256.1	23.60	250.9	22.33
	5.9	5.0	239.6	25.66	235.0	24.29	230.4	22.93	228.2	22.34	223.6	21.75	219.0	20.56
	-3.1	-4.0	195.3	22.43	191.6	21.24	187.9	20.04	186.0	19.52	182.3	19.00	178.6	17.96
	-9.0	-9.4	166.6	20.06	163.4	18.99	160.2	17.93	158.7	17.46	155.5	16.99	152.3	16.05
	-12.6	-13.0	147.4	18.38	144.6	17.40	141.8	16.43	140.4	16.00	137.6	15.57	134.8	14.70
	-17.3	-18.4	118.7	15.67	116.4	14.84	114.2	14.01	113.0	13.64	110.8	13.27	108.5	12.53
	-21.8	-22.0	99.5	13.71	97.6	12.99	95.7	12.27	94.8	11.94	92.9	11.61	91.0	10.96
110	59.0	56.7	375.9	30.54	368.8	28.90	361.6	27.26	358.0	26.59	350.9	25.91	343.7	24.56
	55.4	53.2	375.9	30.93	368.8	29.27	361.6	27.61	358.0	26.93	350.9	26.24	343.7	24.87
	51.8	49.6	375.9	31.37	368.8	29.69	361.6	28.00	358.0	27.31	350.9	26.61	343.7	25.22
	48.2	46.2	375.9	31.81	368.8	30.11	361.6	28.40	358.0	27.69	350.9	26.98	343.7	25.57
	47.0	43.0	375.9	32.25	368.8	30.52	361.6	28.80	358.0	28.08	350.9	27.36	343.7	25.92
	41.0	39.4	375.9	32.77	368.8	31.02	361.6	29.26	358.0	28.53	350.9	27.80	343.7	26.33
	36.5	35.0	375.9	33.44	368.8	31.65	361.6	29.86	358.0	29.11	350.9	28.36	343.7	26.86
	32.0	30.7	357.2	32.43	350.4	30.69	343.6	28.96	340.2	28.23	333.4	27.50	326.6	26.04
	26.6	25.3	333.6	31.10	327.2	29.44	320.8	27.77	317.7	27.07	311.3	26.37	305.0	24.96
	23.0	21.9	318.6	30.24	312.5	28.63	306.4	27.01	303.4	26.33	297.3	25.64	291.3	24.27
	19.4	18.3	302.8	29.33	297.0	27.76	291.2	26.20	288.3	25.53	282.6	24.86	276.8	23.53
	14.0	13.1	279.9	27.97	274.5	26.48	269.2	24.99	266.5	24.35	261.2	23.71	255.9	22.43
	5.9	5.0	244.3	25.78	239.7	24.41	235.0	23.03	232.7	22.44	228.1	21.85	223.4	20.66
	-3.1	-4.0	199.2	22.53	195.4	21.33	191.6	20.14	189.8	19.61	186.0	19.09	182.2	18.04
	-9.0	-9.4	169.9	20.15	166.7	19.08	163.4	18.01	161.8	17.54	158.6	17.07	155.4	16.13
	-12.6	-13.0	150.4	18.46	147.5	17.49	144.6	16.51	143.2	16.07	140.3	15.64	137.5	14.77
	-17.3	-18.4	121.0	15.74	118.7	14.91	116.4	14.08	115.3	13.71	113.0	13.33	110.7	12.59
	-21.8	-22.0	101.5	13.78	99.6	13.05	97.6	12.32	96.7	11.99	94.7	11.67	92.8	11.01
120	59.0	56.7	387.0	30.97	379.6	29.31	372.2	27.65	368.6	26.96	361.2	26.28	353.8	24.91
	55.4	53.2	387.0	31.37	379.6	29.69	372.2	28.00	368.6	27.31	361.2	26.61	353.8	25.23
	51.8	49.6	387.0	31.81	379.6	30.11	372.2	28.40	368.6	27.70	361.2	26.99	353.8	25.58
	48.2	46.2	387.0	32.26	379.6	30.53	372.2	28.80	368.6	28.08	361.2	27.37	353.8	25.93
	47.0	43.0	387.0	32.71	379.6	30.96	372.2	29.20	368.6	28.47	361.2	27.74	353.8	26.29
	41.0	39.4	387.0	33.24	379.6	31.46	372.2	29.68	368.6	28.93	361.2	28.19	353.8	26.71
	36.5	35.0	387.0	33.92	379.6	32.10	372.2	30.29	368.6	29.53	361.2	28.77	353.8	27.25
	32.0	30.7	367.7	32.88	360.7	31.13	353.7	29.37	350.2	28.63	343.2	27.89	336.2	26.41
	26.6	25.3	343.4	31.54	336.8	29.85	330.3	28.17	327.0	27.45	320.5	26.74	313.9	25.32
	23.0	21.9	327.9	30.67	321.7	29.03	315.4	27.39	312.3	26.70	306.1	26.00	299.8	24.61
	19.4	18.3	311.7	29.74	305.7	28.15	299.8	26.57	296.8	25.89	290.9	25.21	285.0	23.86
	14.0	13.1	288.1	28.36	282.6	26.85	277.1	25.34	274.4	24.69	268.9	24.04	263.4	22.75
	5.9	5.0	251.5	26.14	246.7	24.75	242.0	23.36	239.6	22.76	234.8	22.16	230.0	20.95
	-3.1	-4.0	205.1	22.85	201.2	21.64	197.3	20.42	195.3	19.89	191.4	19.36	187.5	18.30
	-9.0	-9.4	174.9	20.43	171.6	19.35	168.3	18.27	166.6	17.79	163.3	17.31	159.9	16.35
	-12.6	-13.0	154.8	18.72	151.8	17.73	148.9	16.74	147.4	16.30	144.5	15.86	141.5	14.98
	-17.3	-18.4	124.6	15.97	122.2	15.12	119.9	14.28	118.7	13.90	116.3	13.52	113.9	12.77
	-21.8	-22.0	104.5	13.97	102.5	13.23	100.5	12.50	99.5	12.16	97.5	11.83	95.5	11.17
130	59.0	56.7	396.2	31.25	388.6	29.57	381.1	27.89	377.3	27.20	369.8	26.51	362.2	25.13
	55.4	53.2	396.2	31.65	388.6	29.95	381.1	28.25	377.3	27.55	369.8	26.85	362.2	25.45
	51.8	49.6	396.2	32.10	388.6	30.37	381.1	28.65	377.3	27.94	369.8	27.23	362.2	25.80
	48.2	46.2	396.2	32.55	388.6	30.80	381.1	29.06	377.3	28.33	369.8	27.61	362.2	26.16
	47.0	43.0	396.2	33.00	388.6	31.23	381.1	29.46	377.3	28.73	369.8	27.99	362.2	26.52
	41.0	39.4	396.2	33.53	388.6	31.74	381.1	29.94	377.3	29.19	369.8	28.44	362.2	26.94
	36.5	35.0	396.2	34.22	388.6	32.39	381.1	30.56	377.3	29.79	369.8	29.02	362.2	27.49
	32.0	30.7	376.5	33.18	369.3	31.40	362.2	29.63	358.6	28.88	351.4	28.13	344.2	26.64
	26.6	25.3	351.5	31.82	344.8	30.12	338.1	28.42	334.8	27.70	328.1	26.98	321.4	25.54
	23.0	21.9	335.7	30.94	329.3	29.29	322.9	27.64	319.7	26.94	313.4	26.23	307.0	24.83
	19.4	18.3	319.1	30.00	313.0	28.40	306.9	26.80	303.9	26.12	297.8	25.44	291.7	24.07
	14.0	13.1	295.0	28.62	289.3	27.09	283.7	25.57	280.9	24.91	275.3	24.26	269.7	22.95
	5.9	5.0	257.5	26.37	252.6	24.97	247.7	23.57	245.3	22.96	240.4	22.35	235.5	21.14
	-3.1	-4.0	210.0	23.05	206.0	21.83	202.0	20.60	200.0	20.07	196.0	19.53	192.0	18.46
	-9.0	-9.4	179.1	20.62	175.7	19.52	172.3	18.43	170.6	17.95	167.1	17.46	163.7	16.50
	-12.6	-13.0	158.5	18.89	155.5	17.89	152.4	16.89	150.9	16.45	147.9	16.00	144.9	15.11
	-17.3	-18.4	127.6	16.11	125.1	15.26	122.7	14.41	121.5	14.02	119.1	13.64	116.6	12.88
	-21.8	-22.0	107.0	14.10	104.9	13.35	102.9	12.61	101.9	12.27	99.8	11.94	97.8	11.27

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	331.7	27.07	325.4	25.61	319.1	24.16	315.9	23.56	309.6	22.96	303.3	21.77
	55.4	53.2	331.7	27.41	325.4	25.94	319.1	24.47	315.9	23.86	309.6	23.26	303.3	22.04
	51.8	49.6	331.7	27.80	325.4	26.31	319.1	24.82	315.9	24.20	309.6	23.58	303.3	22.35
	48.2	46.2	331.7	28.19	325.4	26.68	319.1	25.17	315.9	24.54	309.6	23.91	303.3	22.66
	47.0	43.0	331.7	28.58	325.4	27.05	319.1	25.52	315.9	24.88	309.6	24.24	303.3	22.97
	41.0	39.4	331.7	29.04	325.4	27.49	319.1	25.93	315.9	25.28	309.6	24.63	303.3	23.34
	36.5	35.0	331.7	29.64	325.4	28.05	319.1	26.47	315.9	25.80	309.6	25.14	303.3	23.81
	32.0	30.7	315.2	28.74	309.2	27.20	303.2	25.66	300.2	25.02	294.2	24.37	288.2	23.08
	26.6	25.3	294.3	27.56	288.7	26.09	283.1	24.61	280.3	23.99	274.7	23.37	269.1	22.12
	23.0	21.9	281.1	26.80	275.7	25.37	270.4	23.94	267.7	23.33	262.3	22.72	257.0	21.51
	19.4	18.3	267.1	25.99	262.1	24.60	257.0	23.22	254.4	22.62	249.3	22.03	244.2	20.85
	14.0	13.1	246.9	24.79	242.2	23.47	237.5	22.14	235.2	21.58	230.5	21.01	225.8	19.88
	5.9	5.0	215.6	22.84	211.5	21.63	207.4	20.41	205.3	19.89	201.2	19.36	197.1	18.31
	-3.1	-4.0	175.8	19.97	172.4	18.91	169.1	17.85	167.4	17.38	164.1	16.92	160.7	15.99
	-9.0	-9.4	149.9	17.86	147.1	16.91	144.2	15.96	142.8	15.55	139.9	15.13	137.1	14.29
	-12.6	-13.0	132.7	16.36	130.2	15.50	127.6	14.63	126.4	14.24	123.8	13.86	121.3	13.09
	-17.3	-18.4	106.8	13.95	104.8	13.22	102.7	12.48	101.7	12.15	99.7	11.82	97.7	11.16
	-21.8	-22.0	89.6	12.21	87.9	11.57	86.1	10.92	85.3	10.63	83.6	10.34	81.9	9.76
80	59.0	56.7	294.8	23.80	289.2	22.52	283.6	21.25	280.8	20.72	275.2	20.20	269.6	19.14
	55.4	53.2	294.8	24.11	289.2	22.81	283.6	21.52	280.8	20.99	275.2	20.45	269.6	19.39
	51.8	49.6	294.8	24.45	289.2	23.14	283.6	21.83	280.8	21.28	275.2	20.74	269.6	19.66
	48.2	46.2	294.8	24.79	289.2	23.46	283.6	22.13	280.8	21.58	275.2	21.03	269.6	19.93
	47.0	43.0	294.8	25.14	289.2	23.79	283.6	22.44	280.8	21.88	275.2	21.32	269.6	20.20
	41.0	39.4	294.8	25.54	289.2	24.17	283.6	22.81	280.8	22.24	275.2	21.67	269.6	20.52
	36.5	35.0	294.8	26.07	289.2	24.67	283.6	23.28	280.8	22.69	275.2	22.11	269.6	20.94
	32.0	30.7	280.2	25.27	274.8	23.92	269.5	22.57	266.8	22.00	261.5	21.43	256.2	20.29
	26.6	25.3	261.6	24.24	256.6	22.94	251.6	21.65	249.2	21.10	244.2	20.55	239.2	19.46
	23.0	21.9	249.8	23.57	245.1	22.31	240.3	21.05	237.9	20.52	233.2	19.98	228.4	18.92
	19.4	18.3	237.5	22.86	232.9	21.64	228.4	20.42	226.2	19.90	221.6	19.38	217.1	18.34
	14.0	13.1	219.5	21.80	215.3	20.64	211.1	19.47	209.1	18.98	204.9	18.48	200.7	17.48
	5.9	5.0	191.6	20.09	188.0	19.02	184.3	17.95	182.5	17.49	178.9	17.03	175.2	16.10
	-3.1	-4.0	156.3	17.56	153.3	16.63	150.3	15.70	148.8	15.29	145.8	14.88	142.9	14.06
	-9.0	-9.4	133.3	15.70	130.7	14.87	128.2	14.04	126.9	13.67	124.4	13.30	121.8	12.57
	-12.6	-13.0	117.9	14.39	115.7	13.63	113.4	12.87	112.3	12.53	110.1	12.19	107.8	11.51
	-17.3	-18.4	94.9	12.27	93.1	11.62	91.3	10.97	90.4	10.68	88.6	10.39	86.8	9.81
	-21.8	-22.0	79.6	10.74	78.1	10.17	76.6	9.60	75.8	9.35	74.3	9.09	72.8	8.58
70	59.0	56.7	258.0	20.61	253.1	19.50	248.2	18.40	245.7	17.94	240.8	17.49	235.9	16.58
	55.4	53.2	258.0	20.87	253.1	19.75	248.2	18.63	245.7	18.17	240.8	17.71	235.9	16.79
	51.8	49.6	258.0	21.17	253.1	20.03	248.2	18.90	245.7	18.43	240.8	17.96	235.9	17.02
	48.2	46.2	258.0	21.47	253.1	20.31	248.2	19.16	245.7	18.69	240.8	18.21	235.9	17.25
	47.0	43.0	258.0	21.76	253.1	20.60	248.2	19.43	245.7	18.95	240.8	18.46	235.9	17.49
	41.0	39.4	258.0	22.12	253.1	20.93	248.2	19.75	245.7	19.25	240.8	18.76	235.9	17.77
	36.5	35.0	258.0	22.57	253.1	21.36	248.2	20.15	245.7	19.65	240.8	19.14	235.9	18.13
	32.0	30.7	245.2	21.88	240.5	20.71	235.8	19.54	233.5	19.05	228.8	18.56	224.1	17.57
	26.6	25.3	228.9	20.98	224.5	19.86	220.2	18.74	218.0	18.27	213.6	17.79	209.3	16.84
	23.0	21.9	218.6	20.41	214.5	19.32	210.3	18.23	208.2	17.77	204.0	17.30	199.9	16.38
	19.4	18.3	207.8	19.79	203.8	18.73	199.9	17.68	197.9	17.23	193.9	16.78	190.0	15.88
	14.0	13.1	192.1	18.87	188.4	17.87	184.8	16.86	182.9	16.43	179.3	16.00	175.6	15.14
	5.9	5.0	167.7	17.39	164.5	16.47	161.3	15.54	159.7	15.14	156.5	14.74	153.3	13.94
	-3.1	-4.0	136.7	15.20	134.1	14.40	131.5	13.59	130.2	13.24	127.6	12.88	125.0	12.17
	-9.0	-9.4	116.6	13.60	114.4	12.88	112.2	12.16	111.1	11.84	108.8	11.52	106.6	10.88
	-12.6	-13.0	103.2	12.46	101.2	11.80	99.3	11.14	98.3	10.85	96.3	10.55	94.3	9.97
	-17.3	-18.4	83.1	10.62	81.5	10.06	79.9	9.50	79.1	9.25	77.5	9.00	76.0	8.49
	-21.8	-22.0	69.7	9.30	68.3	8.81	67.0	8.32	66.3	8.09	65.0	7.87	63.7	7.43

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP3361FT6P-UL/MMY-UP3361FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	396.9	34.00	389.3	32.18	381.8	30.35	378.0	29.60	370.4	28.85	362.9	27.35
	55.4	53.2	396.9	34.44	389.3	32.59	381.8	30.74	378.0	29.98	370.4	29.22	362.9	27.70
	51.8	49.6	396.9	34.93	389.3	33.05	381.8	31.18	378.0	30.41	370.4	29.63	362.9	28.08
	48.2	46.2	396.9	35.42	389.3	33.52	381.8	31.62	378.0	30.83	370.4	30.04	362.9	28.47
	47.0	43.0	396.9	35.80	389.3	33.98	381.8	32.06	378.0	31.26	370.4	30.46	362.9	28.86
	41.0	39.4	396.9	35.80	389.3	34.53	381.8	32.58	378.0	31.77	370.4	30.95	362.9	29.32
	36.5	35.0	396.9	35.80	389.3	35.24	381.8	33.25	378.0	32.42	370.4	31.58	362.9	29.91
	32.0	30.7	377.2	35.80	370.0	34.17	362.8	32.24	359.2	31.43	352.0	30.62	344.8	28.99
	26.6	25.3	352.2	34.62	345.5	32.77	338.8	30.92	335.4	30.14	328.7	29.36	322.0	27.79
	23.0	21.9	336.3	33.67	329.9	31.87	323.5	30.08	320.3	29.31	313.9	28.55	307.5	27.02
	19.4	18.3	319.7	32.65	313.6	30.91	307.5	29.17	304.4	28.42	298.4	27.68	292.3	26.20
	14.0	13.1	295.5	31.14	289.9	29.48	284.2	27.82	281.4	27.11	275.8	26.40	270.2	24.97
	5.9	5.0	258.0	28.70	253.1	27.17	248.2	25.65	245.7	24.99	240.8	24.32	235.9	23.00
	-3.1	-4.0	210.4	25.08	206.4	23.75	202.3	22.42	200.3	21.84	196.3	21.25	192.3	20.09
	-9.0	-9.4	179.4	22.43	176.0	21.25	172.6	20.06	170.9	19.53	167.4	19.01	164.0	17.95
	-12.6	-13.0	158.8	20.56	155.7	19.47	152.7	18.38	151.2	17.90	148.2	17.41	145.2	16.45
	-17.3	-18.4	127.8	17.53	125.4	16.60	122.9	15.68	121.7	15.26	119.3	14.85	116.8	14.02
	-21.8	-22.0	107.2	15.34	105.1	14.53	103.1	13.72	102.1	13.35	100.0	12.99	98.0	12.26
110	59.0	56.7	404.8	34.16	397.1	32.33	389.4	30.49	385.6	29.74	377.8	28.98	370.1	27.48
	55.4	53.2	404.8	34.60	397.1	32.74	389.4	30.89	385.6	30.12	377.8	29.36	370.1	27.82
	51.8	49.6	404.8	35.09	397.1	33.21	389.4	31.33	385.6	30.55	377.8	29.77	370.1	28.21
	48.2	46.2	404.8	35.58	397.1	33.67	389.4	31.77	385.6	30.98	377.8	30.18	370.1	28.60
	47.0	43.0	404.8	35.97	397.1	34.14	389.4	32.21	385.6	31.41	377.8	30.60	370.1	28.99
	41.0	39.4	404.8	35.97	397.1	34.70	389.4	32.73	385.6	31.91	377.8	31.09	370.1	29.46
	36.5	35.0	404.8	35.97	397.1	35.41	389.4	33.41	385.6	32.57	377.8	31.73	370.1	30.05
	32.0	30.7	384.7	35.97	377.4	34.33	370.1	32.39	366.4	31.57	359.1	30.76	351.7	29.13
	26.6	25.3	359.2	34.78	352.4	32.93	345.5	31.07	342.1	30.28	335.3	29.50	328.4	27.92
	23.0	21.9	343.1	33.83	336.5	32.02	330.0	30.22	326.7	29.45	320.2	28.68	313.7	27.15
	19.4	18.3	326.1	32.80	319.8	31.05	313.6	29.30	310.5	28.56	304.3	27.81	298.1	26.32
	14.0	13.1	301.4	31.28	295.7	29.62	289.9	27.95	287.0	27.23	281.3	26.52	275.6	25.09
	5.9	5.0	263.1	28.83	258.1	27.30	253.1	25.77	250.6	25.10	245.6	24.44	240.6	23.11
	-3.1	-4.0	214.6	25.20	210.5	23.86	206.4	22.53	204.3	21.94	200.3	21.35	196.2	20.18
	-9.0	-9.4	183.0	22.54	179.5	21.34	176.0	20.15	174.3	19.62	170.8	19.09	167.3	18.04
	-12.6	-13.0	161.9	20.65	158.9	19.56	155.8	18.47	154.2	17.98	151.1	17.49	148.1	16.52
	-17.3	-18.4	130.4	17.61	127.9	16.68	125.4	15.75	124.2	15.33	121.7	14.92	119.2	14.08
	-21.8	-22.0	109.3	15.41	107.2	14.60	105.1	13.78	104.1	13.42	102.0	13.05	99.9	12.32
120	59.0	56.7	416.7	34.65	408.8	32.78	400.9	30.92	396.9	30.16	389.0	29.39	381.0	27.87
	55.4	53.2	416.7	35.09	408.8	33.21	400.9	31.32	396.9	30.55	389.0	29.77	381.0	28.22
	51.8	49.6	416.7	35.59	408.8	33.68	400.9	31.77	396.9	30.98	389.0	30.19	381.0	28.61
	48.2	46.2	416.7	36.09	408.8	34.15	400.9	32.22	396.9	31.41	389.0	30.61	381.0	29.01
	47.0	43.0	416.7	36.48	408.8	34.63	400.9	32.67	396.9	31.85	389.0	31.03	381.0	29.40
	41.0	39.4	416.7	36.48	408.8	35.19	400.9	33.20	396.9	32.36	389.0	31.53	381.0	29.87
	36.5	35.0	416.7	36.48	408.8	35.91	400.9	33.88	396.9	33.03	389.0	32.18	381.0	30.48
	32.0	30.7	396.0	36.48	388.5	34.82	380.9	32.85	377.2	32.02	369.6	31.19	362.1	29.54
	26.6	25.3	369.8	35.28	362.7	33.39	355.7	31.51	352.2	30.71	345.1	29.91	338.1	28.32
	23.0	21.9	353.1	34.31	346.4	32.47	339.7	30.64	336.3	29.86	329.6	29.09	322.9	27.53
	19.4	18.3	335.6	33.27	329.3	31.49	322.9	29.72	319.7	28.96	313.3	28.20	306.9	26.69
	14.0	13.1	310.3	31.73	304.4	30.04	298.4	28.35	295.5	27.62	289.6	26.89	283.7	25.44
	5.9	5.0	270.9	29.24	265.7	27.69	260.6	26.13	258.0	25.46	252.8	24.78	247.7	23.43
	-3.1	-4.0	220.9	25.56	216.7	24.20	212.5	22.84	210.4	22.25	206.1	21.65	201.9	20.47
	-9.0	-9.4	188.4	22.86	184.8	21.65	181.2	20.44	179.4	19.90	175.8	19.36	172.2	18.29
	-12.6	-13.0	166.7	20.94	163.5	19.84	160.3	18.73	158.8	18.23	155.6	17.74	152.4	16.76
	-17.3	-18.4	134.2	17.86	131.6	16.92	129.1	15.97	127.8	15.55	125.2	15.13	122.7	14.28
	-21.8	-22.0	112.5	15.63	110.4	14.80	108.2	13.98	107.2	13.61	105.0	13.23	102.9	12.49
130	59.0	56.7	426.7	34.95	418.5	33.07	410.4	31.20	406.4	30.43	398.2	29.65	390.1	28.11
	55.4	53.2	426.7	35.40	418.5	33.50	410.4	31.60	406.4	30.82	398.2	30.03	390.1	28.47
	51.8	49.6	426.7	35.90	418.5	33.98	410.4	32.05	406.4	31.25	398.2	30.46	390.1	28.86
	48.2	46.2	426.7	36.41	418.5	34.45	410.4	32.50	406.4	31.69	398.2	30.88	390.1	29.26
	47.0	43.0	426.7	36.80	418.5	34.93	410.4	32.95	406.4	32.13	398.2	31.31	390.1	29.66
	41.0	39.4	426.7	36.80	418.5	35.50	410.4	33.49	406.4	32.65	398.2	31.81	390.1	30.14
	36.5	35.0	426.7	36.80	418.5	36.23	410.4	34.18	406.4	33.32	398.2	32.46	390.1	30.75
	32.0	30.7	405.5	36.80	397.7	35.12	390.0	33.14	386.2	32.30	378.4	31.47	370.7	29.80
	26.6	25.3	378.6	35.59	371.4	33.69	364.2	31.79	360.6	30.98	353.3	30.18	346.1	28.57
	23.0	21.9	361.6	34.61	354.7	32.76	347.8	30.91	344.3	30.13	337.5	29.34	330.6	27.77
	19.4	18.3	343.6	33.56	337.1	31.77	330.5	29.98	327.3	29.22	320.7	28.45	314.2	26.93
	14.0	13.1	317.7	32.01	311.6	30.30	305.6	28.60	302.5	27.86	296.5	27.13	290.4	25.67
	5.9	5.0	277.3	29.50	272.1	27.93	266.8	26.36	264.1	25.68	258.8	25.00	253.6	23.64
	-3.1	-4.0	226.1	25.78	221.8	24.42	217.5	23.05	215.4	22.45	211.1	21.85	206.8	20.65
	-9.0	-9.4	192.9	23.06	189.2	21.84	185.5	20.62	183.7	20.08	180.0	19.54	176.3	18.46
	-12.6	-13.0	170.7	21.13	167.4	20.01	164.2	18.89	162.5	18.40	159.3	17.90	156.0	16.90
	-17.3	-18.4	137.4	18.02	134.8	17.07	132.2	16.11	130.8	15.69	128.2	15.26	125.6	14.41
	-21.8	-22.0	115.2	15.77	113.0	14.94	110.8	14.10	109.7	13.73	107.5	13.35	105.3	12.60

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	357.2	30.27	350.4	28.65	343.6	27.02	340.2	26.35	333.4	25.69	326.6	24.35
	55.4	53.2	357.2	30.66	350.4	29.02	343.6	27.37	340.2	26.69	333.4	26.02	326.6	24.66
	51.8	49.6	357.2	31.10	350.4	29.43	343.6	27.76	340.2	27.07	333.4	26.38	326.6	25.00
	48.2	46.2	357.2	31.53	350.4	29.84	343.6	28.15	340.2	27.45	333.4	26.75	326.6	25.35
	47.0	43.0	357.2	31.87	350.4	30.26	343.6	28.54	340.2	27.83	333.4	27.12	326.6	25.69
	41.0	39.4	357.2	31.87	350.4	30.75	343.6	29.01	340.2	28.28	333.4	27.56	326.6	26.10
	36.5	35.0	357.2	31.87	350.4	31.38	343.6	29.61	340.2	28.86	333.4	28.12	326.6	26.63
	32.0	30.7	339.5	31.87	333.0	30.42	326.5	28.71	323.3	27.98	316.8	27.26	310.4	25.81
	26.6	25.3	317.0	30.83	310.9	29.18	304.9	27.53	301.9	26.84	295.8	26.14	289.8	24.75
	23.0	21.9	302.7	29.98	296.9	28.38	291.2	26.78	288.3	26.10	282.5	25.42	276.8	24.06
	19.4	18.3	287.7	29.07	282.2	27.52	276.7	25.97	274.0	25.31	268.5	24.65	263.0	23.32
	14.0	13.1	265.9	27.72	260.9	26.25	255.8	24.77	253.3	24.14	248.2	23.50	243.1	22.23
	5.9	5.0	232.2	25.55	227.8	24.19	223.3	22.83	221.1	22.25	216.7	21.66	212.3	20.48
	-3.1	-4.0	189.3	22.33	185.7	21.15	182.1	19.96	180.3	19.44	176.7	18.92	173.1	17.88
	-9.0	-9.4	161.5	19.97	158.4	18.92	155.3	17.86	153.8	17.39	150.7	16.92	147.6	15.99
	-12.6	-13.0	142.9	18.30	140.2	17.33	137.4	16.36	136.1	15.93	133.4	15.50	130.6	14.64
	-17.3	-18.4	115.0	15.61	112.8	14.78	110.6	13.96	109.5	13.59	107.4	13.22	105.2	12.48
	-21.8	-22.0	96.4	13.66	94.6	12.94	92.8	12.22	91.9	11.89	90.0	11.57	88.2	10.91
80	59.0	56.7	317.5	26.63	311.5	25.20	305.4	23.77	302.4	23.18	296.4	22.59	290.3	21.41
	55.4	53.2	317.5	26.97	311.5	25.52	305.4	24.07	302.4	23.48	296.4	22.88	290.3	21.69
	51.8	49.6	317.5	27.35	311.5	25.88	305.4	24.41	302.4	23.81	296.4	23.20	290.3	21.99
	48.2	46.2	317.5	27.73	311.5	26.25	305.4	24.76	302.4	24.14	296.4	23.53	290.3	22.29
	47.0	43.0	317.5	28.03	311.5	26.61	305.4	25.10	302.4	24.48	296.4	23.85	290.3	22.60
	41.0	39.4	317.5	28.03	311.5	27.04	305.4	25.51	302.4	24.87	296.4	24.23	290.3	22.96
	36.5	35.0	317.5	28.03	311.5	27.60	305.4	26.04	302.4	25.38	296.4	24.73	290.3	23.42
	32.0	30.7	301.7	28.03	296.0	26.76	290.2	25.25	287.4	24.61	281.6	23.97	275.9	22.70
	26.6	25.3	281.7	27.11	276.4	25.66	271.0	24.21	268.3	23.60	263.0	22.99	257.6	21.76
	23.0	21.9	269.1	26.36	263.9	24.96	258.8	23.55	256.3	22.95	251.1	22.35	246.0	21.16
	19.4	18.3	255.7	25.57	250.9	24.20	246.0	22.84	243.6	22.26	238.7	21.68	233.8	20.51
	14.0	13.1	236.4	24.38	231.9	23.08	227.4	21.78	225.1	21.23	220.6	20.67	216.1	19.55
	5.9	5.0	206.4	22.47	202.5	21.28	198.5	20.08	196.6	19.56	192.6	19.05	188.7	18.01
	-3.1	-4.0	168.3	19.64	165.1	18.60	161.9	17.56	160.3	17.10	157.1	16.64	153.9	15.73
	-9.0	-9.4	143.5	17.57	140.8	16.64	138.1	15.70	136.7	15.29	134.0	14.88	131.2	14.06
	-12.6	-13.0	127.0	16.10	124.6	15.24	122.2	14.39	121.0	14.01	118.5	13.63	116.1	12.88
	-17.3	-18.4	102.2	13.73	100.3	13.00	98.3	12.28	97.4	11.95	95.4	11.62	93.5	10.97
	-21.8	-22.0	85.7	12.01	84.1	11.38	82.5	10.74	81.6	10.46	80.0	10.17	78.4	9.60
70	59.0	56.7	277.8	23.05	272.5	21.81	267.2	20.58	264.6	20.07	259.3	19.56	254.0	18.54
	55.4	53.2	277.8	23.35	272.5	22.10	267.2	20.84	264.6	20.33	259.3	19.81	254.0	18.78
	51.8	49.6	277.8	23.68	272.5	22.41	267.2	21.14	264.6	20.61	259.3	20.09	254.0	19.04
	48.2	46.2	277.8	24.01	272.5	22.72	267.2	21.44	264.6	20.90	259.3	20.37	254.0	19.30
	47.0	43.0	277.8	24.27	272.5	23.04	267.2	21.74	264.6	21.19	259.3	20.65	254.0	19.56
	41.0	39.4	277.8	24.27	272.5	23.41	267.2	22.09	264.6	21.53	259.3	20.98	254.0	19.88
	36.5	35.0	277.8	24.27	272.5	23.89	267.2	22.54	264.6	21.98	259.3	21.41	254.0	20.28
	32.0	30.7	264.0	24.27	259.0	23.17	254.0	21.86	251.4	21.31	246.4	20.76	241.4	19.65
	26.6	25.3	246.5	23.47	241.8	22.22	237.1	20.96	234.8	20.43	230.1	19.90	225.4	18.84
	23.0	21.9	235.4	22.83	230.9	21.61	226.5	20.39	224.2	19.87	219.7	19.35	215.3	18.32
	19.4	18.3	223.8	22.14	219.5	20.95	215.2	19.77	213.1	19.27	208.8	18.77	204.6	17.76
	14.0	13.1	206.8	21.11	202.9	19.99	199.0	18.86	197.0	18.38	193.1	17.90	189.1	16.93
	5.9	5.0	180.6	19.46	177.1	18.42	173.7	17.39	172.0	16.94	168.6	16.49	165.1	15.59
	-3.1	-4.0	147.2	17.01	144.4	16.10	141.6	15.20	140.2	14.80	137.4	14.41	134.6	13.62
	-9.0	-9.4	125.6	15.21	123.2	14.40	120.8	13.60	119.6	13.24	117.2	12.88	114.8	12.17
	-12.6	-13.0	111.1	13.94	109.0	13.20	106.9	12.46	105.8	12.13	103.7	11.80	101.6	11.15
	-17.3	-18.4	89.5	11.88	87.8	11.26	86.1	10.63	85.2	10.35	83.5	10.06	81.8	9.50
	-21.8	-22.0	75.0	10.40	73.6	9.85	72.2	9.30	71.4	9.05	70.0	8.81	68.6	8.31

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP3601FT6P-UL/MMY-UP3601FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	425.3	36.74	417.2	34.76	409.1	32.79	405.0	31.98	396.9	31.17	388.8	29.55
	55.4	53.2	425.3	37.21	417.2	35.21	409.1	33.21	405.0	32.39	396.9	31.57	388.8	29.92
	51.8	49.6	425.3	37.73	417.2	35.71	409.1	33.69	405.0	32.85	396.9	32.01	388.8	30.34
	48.2	46.2	425.3	38.26	417.2	36.21	409.1	34.16	405.0	33.31	396.9	32.46	388.8	30.76
	47.0	43.0	425.3	38.80	417.2	36.72	409.1	34.64	405.0	33.77	396.9	32.91	388.8	31.18
	41.0	39.4	425.3	39.42	417.2	37.31	409.1	35.20	405.0	34.32	396.9	33.44	388.8	31.68
	36.5	35.0	425.3	40.23	417.2	38.08	409.1	35.92	405.0	35.02	396.9	34.12	388.8	32.32
	32.0	30.7	404.1	39.00	396.4	36.92	388.7	34.83	384.9	33.95	377.2	33.08	369.5	31.32
	26.6	25.3	377.3	37.41	370.1	35.41	363.0	33.41	359.4	32.56	352.2	31.72	345.0	30.03
	23.0	21.9	360.4	36.38	353.5	34.43	346.6	32.49	343.2	31.67	336.3	30.84	329.5	29.19
	19.4	18.3	342.5	35.28	336.0	33.39	329.4	31.51	326.2	30.71	319.7	29.91	313.1	28.30
	14.0	13.1	316.6	33.64	310.6	31.85	304.5	30.06	301.5	29.29	295.5	28.52	289.5	26.98
	5.9	5.0	276.4	31.01	271.1	29.36	265.9	27.71	263.3	26.99	258.0	26.28	252.7	24.85
	-3.1	-4.0	225.4	27.10	221.1	25.66	216.8	24.22	214.7	23.59	210.4	22.96	206.1	21.70
	-9.0	-9.4	192.2	24.24	188.6	22.95	184.9	21.67	183.1	21.10	179.4	20.53	175.7	19.40
	-12.6	-13.0	170.1	22.21	166.9	21.03	163.6	19.86	162.0	19.33	158.8	18.81	155.5	17.77
	-17.3	-18.4	136.9	18.94	134.3	17.94	131.7	16.94	130.4	16.49	127.8	16.04	125.2	15.14
	-21.8	-22.0	114.8	16.57	112.6	15.70	110.4	14.82	109.4	14.43	107.2	14.03	105.0	13.24
110	59.0	56.7	433.8	36.91	425.5	34.93	417.2	32.94	413.1	32.13	404.8	31.31	396.6	29.68
	55.4	53.2	433.8	37.38	425.5	35.38	417.2	33.37	413.1	32.54	404.8	31.72	396.6	30.06
	51.8	49.6	433.8	37.91	425.5	35.88	417.2	33.84	413.1	33.00	404.8	32.16	396.6	30.48
	48.2	46.2	433.8	38.44	425.5	36.38	417.2	34.32	413.1	33.47	404.8	32.61	396.6	30.90
	47.0	43.0	433.8	38.98	425.5	36.89	417.2	34.80	413.1	33.93	404.8	33.06	396.6	31.32
	41.0	39.4	433.8	39.61	425.5	37.48	417.2	35.36	413.1	34.48	404.8	33.59	396.6	31.82
	36.5	35.0	433.8	40.42	425.5	38.25	417.2	36.09	413.1	35.19	404.8	34.28	396.6	32.47
	32.0	30.7	412.2	39.19	404.3	37.09	396.5	34.99	392.6	34.11	384.7	33.23	376.9	31.47
	26.6	25.3	384.9	37.58	377.5	35.57	370.2	33.57	366.5	32.72	359.2	31.87	351.9	30.17
	23.0	21.9	367.6	36.55	360.6	34.59	353.6	32.64	350.1	31.82	343.1	30.99	336.1	29.33
	19.4	18.3	349.3	35.44	342.7	33.55	336.0	31.66	332.7	30.85	326.1	30.05	319.4	28.43
	14.0	13.1	322.9	33.80	316.8	32.00	310.6	30.20	307.6	29.42	301.4	28.65	295.3	27.11
	5.9	5.0	281.9	31.15	276.6	29.49	271.2	27.84	268.5	27.12	263.1	26.40	257.8	24.96
	-3.1	-4.0	229.9	27.23	225.5	25.78	221.1	24.34	218.9	23.70	214.6	23.07	210.2	21.80
	-9.0	-9.4	196.1	24.35	192.3	23.06	188.6	21.77	186.7	21.20	183.0	20.63	179.3	19.49
	-12.6	-13.0	173.5	22.31	170.2	21.13	166.9	19.95	165.2	19.42	161.9	18.90	158.6	17.85
	-17.3	-18.4	139.7	19.03	137.0	18.02	134.3	17.02	133.0	16.56	130.4	16.11	127.7	15.21
	-21.8	-22.0	117.1	16.65	114.9	15.77	112.7	14.89	111.5	14.50	109.3	14.10	107.1	13.31
120	59.0	56.7	446.5	37.43	438.0	35.42	429.5	33.41	425.3	32.58	416.7	31.76	408.2	30.11
	55.4	53.2	446.5	37.91	438.0	35.88	429.5	33.84	425.3	33.00	416.7	32.16	408.2	30.49
	51.8	49.6	446.5	38.45	438.0	36.38	429.5	34.32	425.3	33.47	416.7	32.62	408.2	30.91
	48.2	46.2	446.5	38.99	438.0	36.90	429.5	34.81	425.3	33.94	416.7	33.07	408.2	31.34
	47.0	43.0	446.5	39.53	438.0	37.41	429.5	35.29	425.3	34.41	416.7	33.53	408.2	31.77
	41.0	39.4	446.5	40.17	438.0	38.01	429.5	35.86	425.3	34.97	416.7	34.07	408.2	32.27
	36.5	35.0	446.5	40.99	438.0	38.80	429.5	36.60	425.3	35.68	416.7	34.76	408.2	32.93
	32.0	30.7	424.3	39.74	416.2	37.61	408.2	35.49	404.1	34.60	396.0	33.70	388.0	31.91
	26.6	25.3	396.2	38.11	388.6	36.08	381.1	34.04	377.3	33.18	369.8	32.32	362.2	30.59
	23.0	21.9	378.4	37.06	371.2	35.08	364.0	33.11	360.4	32.27	353.1	31.43	345.9	29.74
	19.4	18.3	359.6	35.94	352.8	34.02	345.9	32.11	342.5	31.29	335.6	30.47	328.8	28.84
	14.0	13.1	332.4	34.28	326.1	32.45	319.8	30.62	316.6	29.84	310.3	29.06	303.9	27.49
	5.9	5.0	290.2	31.59	284.7	29.91	279.2	28.23	276.4	27.50	270.9	26.77	265.4	25.32
	-3.1	-4.0	236.7	27.61	232.1	26.15	227.6	24.68	225.4	24.04	220.9	23.40	216.4	22.11
	-9.0	-9.4	201.8	24.70	198.0	23.39	194.1	22.08	192.2	21.50	188.4	20.92	184.5	19.76
	-12.6	-13.0	178.6	22.63	175.2	21.43	171.8	20.23	170.1	19.70	166.7	19.17	163.3	18.10
	-17.3	-18.4	143.8	19.30	141.0	18.28	138.3	17.26	136.9	16.80	134.2	16.34	131.5	15.43
	-21.8	-22.0	120.6	16.89	118.3	15.99	116.0	15.10	114.8	14.70	112.5	14.30	110.2	13.49
130	59.0	56.7	457.1	37.76	448.4	35.73	439.7	33.71	435.4	32.87	426.7	32.04	418.0	30.37
	55.4	53.2	457.1	38.25	448.4	36.19	439.7	34.14	435.4	33.29	426.7	32.45	418.0	30.76
	51.8	49.6	457.1	38.79	448.4	36.71	439.7	34.63	435.4	33.77	426.7	32.91	418.0	31.18
	48.2	46.2	457.1	39.33	448.4	37.22	439.7	35.11	435.4	34.24	426.7	33.37	418.0	31.62
	47.0	43.0	457.1	39.88	448.4	37.74	439.7	35.60	435.4	34.71	426.7	33.83	418.0	32.05
	41.0	39.4	457.1	40.52	448.4	38.35	439.7	36.18	435.4	35.28	426.7	34.37	418.0	32.56
	36.5	35.0	457.1	41.35	448.4	39.14	439.7	36.93	435.4	36.00	426.7	35.07	418.0	33.22
	32.0	30.7	434.4	40.09	426.1	37.95	417.9	35.80	413.7	34.90	405.5	34.00	397.2	32.19
	26.6	25.3	405.6	38.45	397.9	36.40	390.2	34.34	386.3	33.47	378.6	32.60	370.9	30.86
	23.0	21.9	387.4	37.39	380.0	35.40	372.6	33.40	368.9	32.55	361.6	31.70	354.2	30.01
	19.4	18.3	368.2	36.26	361.2	34.32	354.2	32.39	350.7	31.57	343.6	30.74	336.6	29.09
	14.0	13.1	340.3	34.58	333.9	32.74	327.4	30.90	324.1	30.10	317.7	29.31	311.2	27.73
	5.9	5.0	297.1	31.87	291.5	30.18	285.8	28.48	283.0	27.75	277.3	27.01	271.7	25.54
	-3.1	-4.0	242.3	27.86	237.7	26.38	233.1	24.90	230.7	24.25	226.1	23.60	221.5	22.31
	-9.0	-9.4	206.6	24.91	202.7	23.59	198.8	22.27	196.8	21.69	192.9	21.11	188.9	19.94
	-12.6	-13.0	182.9	22.83	179.4	21.62	175.9	20.41	174.2	19.87	170.7	19.34	167.2	18.26
	-17.3	-18.4	147.2	19.47	144.4	18.44	141.6	17.41	140.2	16.95	137.4	16.49	134.6	15.56
	-21.8	-22.0	123.4	17.03	121.1	16.14	118.7	15.24	117.6	14.83	115.2	14.43	112.8	13.61

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	382.7	32.71	375.4	30.95	368.1	29.20	364.5	28.47	357.2	27.75	349.9	26.31
	55.4	53.2	382.7	33.13	375.4	31.35	368.1	29.57	364.5	28.84	357.2	28.11	349.9	26.64
	51.8	49.6	382.7	33.60	375.4	31.79	368.1	29.99	364.5	29.25	357.2	28.50	349.9	27.01
	48.2	46.2	382.7	34.07	375.4	32.24	368.1	30.42	364.5	29.66	357.2	28.90	349.9	27.39
	47.0	43.0	382.7	34.54	375.4	32.69	368.1	30.84	364.5	30.07	357.2	29.30	349.9	27.76
	41.0	39.4	382.7	35.10	375.4	33.22	368.1	31.34	364.5	30.56	357.2	29.77	349.9	28.20
	36.5	35.0	382.7	35.82	375.4	33.90	368.1	31.98	364.5	31.18	357.2	30.38	349.9	28.77
	32.0	30.7	363.7	34.73	356.8	32.87	349.8	31.01	346.4	30.23	339.5	29.45	332.5	27.89
	26.6	25.3	339.6	33.30	333.1	31.53	326.7	29.75	323.4	28.99	317.0	28.24	310.5	26.73
	23.0	21.9	324.3	32.39	318.1	30.66	312.0	28.93	308.9	28.20	302.7	27.46	296.5	25.99
	19.4	18.3	308.2	31.41	302.4	29.73	296.5	28.06	293.6	27.34	287.7	26.63	281.8	25.20
	14.0	13.1	284.9	29.95	279.5	28.36	274.1	26.76	271.4	26.08	265.9	25.39	260.5	24.02
	5.9	5.0	248.8	27.61	244.0	26.14	239.3	24.67	236.9	24.03	232.2	23.40	227.4	22.12
	-3.1	-4.0	202.8	24.13	199.0	22.85	195.1	21.57	193.2	21.01	189.3	20.44	185.5	19.32
	-9.0	-9.4	173.0	21.58	169.7	20.44	166.4	19.29	164.8	18.79	161.5	18.28	158.2	17.27
	-12.6	-13.0	153.1	19.77	150.2	18.73	147.3	17.68	145.8	17.21	142.9	16.75	140.0	15.82
	-17.3	-18.4	123.2	16.86	120.9	15.97	118.5	15.08	117.4	14.68	115.0	14.28	112.7	13.48
	-21.8	-22.0	103.3	14.76	101.4	13.98	99.4	13.20	98.4	12.85	96.4	12.49	94.5	11.79
80	59.0	56.7	340.2	28.77	333.7	27.22	327.2	25.68	324.0	25.04	317.5	24.41	311.0	23.14
	55.4	53.2	340.2	29.14	333.7	27.57	327.2	26.01	324.0	25.36	317.5	24.72	311.0	23.43
	51.8	49.6	340.2	29.55	333.7	27.96	327.2	26.38	324.0	25.72	317.5	25.07	311.0	23.76
	48.2	46.2	340.2	29.96	333.7	28.36	327.2	26.75	324.0	26.08	317.5	25.42	311.0	24.08
	47.0	43.0	340.2	30.38	333.7	28.75	327.2	27.12	324.0	26.44	317.5	25.77	311.0	24.41
	41.0	39.4	340.2	30.87	333.7	29.22	327.2	27.56	324.0	26.87	317.5	26.18	311.0	24.80
	36.5	35.0	340.2	31.50	333.7	29.82	327.2	28.13	324.0	27.42	317.5	26.72	311.0	25.30
	32.0	30.7	323.3	30.54	317.1	28.91	311.0	27.27	307.9	26.59	301.7	25.90	295.6	24.53
	26.6	25.3	301.9	29.29	296.1	27.73	290.4	26.16	287.5	25.50	281.7	24.84	276.0	23.51
	23.0	21.9	288.3	28.48	282.8	26.96	277.3	25.44	274.6	24.80	269.1	24.15	263.6	22.86
	19.4	18.3	274.0	27.62	268.8	26.15	263.6	24.67	260.9	24.05	255.7	23.42	250.5	22.16
	14.0	13.1	253.3	26.34	248.5	24.94	243.6	23.54	241.2	22.93	236.4	22.33	231.6	21.13
	5.9	5.0	221.1	24.28	216.9	22.99	212.7	21.70	210.6	21.14	206.4	20.58	202.2	19.46
	-3.1	-4.0	180.3	21.22	176.9	20.09	173.4	18.97	171.7	18.47	168.3	17.98	164.9	16.99
	-9.0	-9.4	153.8	18.98	150.8	17.97	147.9	16.97	146.4	16.52	143.5	16.08	140.6	15.19
	-12.6	-13.0	136.1	17.39	133.5	16.47	130.9	15.55	129.6	15.14	127.0	14.73	124.4	13.91
	-17.3	-18.4	109.5	14.83	107.5	14.05	105.4	13.26	104.3	12.91	102.2	12.56	100.2	11.86
	-21.8	-22.0	91.9	12.98	90.1	12.29	88.4	11.61	87.5	11.30	85.7	10.99	84.0	10.37
70	59.0	56.7	297.7	24.91	292.0	23.57	286.3	22.23	283.5	21.68	277.8	21.13	272.2	20.03
	55.4	53.2	297.7	25.23	292.0	23.87	286.3	22.52	283.5	21.96	277.8	21.40	272.2	20.29
	51.8	49.6	297.7	25.58	292.0	24.21	286.3	22.84	283.5	22.27	277.8	21.70	272.2	20.57
	48.2	46.2	297.7	25.94	292.0	24.55	286.3	23.16	283.5	22.58	277.8	22.01	272.2	20.85
	47.0	43.0	297.7	26.30	292.0	24.89	286.3	23.48	283.5	22.90	277.8	22.31	272.2	21.14
	41.0	39.4	297.7	26.73	292.0	25.29	286.3	23.86	283.5	23.27	277.8	22.67	272.2	21.47
	36.5	35.0	297.7	27.27	292.0	25.81	286.3	24.35	283.5	23.74	277.8	23.13	272.2	21.91
	32.0	30.7	282.9	26.44	277.5	25.03	272.1	23.61	269.4	23.02	264.0	22.42	258.6	21.23
	26.6	25.3	264.1	25.36	259.1	24.00	254.1	22.65	251.5	22.08	246.5	21.50	241.5	20.36
	23.0	21.9	252.2	24.66	247.4	23.34	242.6	22.03	240.2	21.47	235.4	20.91	230.6	19.79
	19.4	18.3	239.7	23.91	235.2	22.64	230.6	21.36	228.3	20.82	223.8	20.28	219.2	19.19
	14.0	13.1	221.6	22.81	217.4	21.59	213.2	20.38	211.1	19.86	206.8	19.33	202.6	18.29
	5.9	5.0	193.5	21.02	189.8	19.90	186.1	18.78	184.3	18.30	180.6	17.82	176.9	16.85
	-3.1	-4.0	157.8	18.37	154.8	17.40	151.8	16.42	150.3	15.99	147.2	15.57	144.2	14.71
	-9.0	-9.4	134.5	16.43	132.0	15.56	129.4	14.69	128.1	14.31	125.6	13.92	123.0	13.15
	-12.6	-13.0	119.1	15.06	116.8	14.26	114.5	13.46	113.4	13.11	111.1	12.75	108.9	12.05
	-17.3	-18.4	95.9	12.84	94.0	12.16	92.2	11.48	91.3	11.18	89.5	10.87	87.6	10.27
	-21.8	-22.0	80.4	11.24	78.8	10.64	77.3	10.05	76.5	9.78	75.0	9.51	73.5	8.98

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP3841FT6P-UL/MMY-UP3841FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	453.6	39.02	445.0	36.93	436.3	34.83	432.0	33.97	423.4	33.11	414.7	31.39
	55.4	53.2	453.6	39.52	445.0	37.40	436.3	35.28	432.0	34.41	423.4	33.53	414.7	31.78
	51.8	49.6	453.6	40.08	445.0	37.93	436.3	35.78	432.0	34.89	423.4	34.00	414.7	32.23
	48.2	46.2	453.6	40.65	445.0	38.47	436.3	36.29	432.0	35.38	423.4	34.48	414.7	32.67
	47.0	43.0	453.6	41.21	445.0	39.00	436.3	36.79	432.0	35.87	423.4	34.96	414.7	33.12
	41.0	39.4	453.6	41.88	445.0	39.63	436.3	37.39	432.0	36.45	423.4	35.52	414.7	33.65
	36.5	35.0	453.6	42.73	445.0	40.45	436.3	38.16	432.0	37.20	423.4	36.24	414.7	34.33
	32.0	30.7	453.6	43.66	445.0	41.33	436.3	38.99	432.0	38.01	423.4	37.03	414.7	35.06
	26.6	25.3	453.6	44.95	445.0	42.54	436.3	40.14	432.0	39.13	423.4	38.11	414.7	36.08
	23.0	21.9	436.1	44.01	427.8	41.66	419.5	39.31	415.4	38.32	407.1	37.32	398.8	35.32
	19.4	18.3	415.7	42.81	407.8	40.52	399.9	38.24	395.9	37.26	388.0	36.29	380.1	34.34
	14.0	13.1	386.1	41.02	378.8	38.84	371.4	36.65	367.7	35.71	360.4	34.77	353.0	32.90
	5.9	5.0	340.2	38.16	333.7	36.13	327.2	34.10	324.0	33.22	317.5	32.34	311.0	30.58
	-3.1	-4.0	281.2	33.82	275.9	32.02	270.5	30.23	267.8	29.44	262.5	28.65	257.1	27.08
	-9.0	-9.4	235.0	29.60	230.5	28.03	226.0	26.47	223.8	25.77	219.3	25.08	214.8	23.69
	-12.6	-13.0	204.1	26.61	200.2	25.20	196.3	23.79	194.4	23.17	190.5	22.54	186.6	21.29
	-17.3	-18.4	157.9	21.77	154.8	20.62	151.8	19.47	150.3	18.96	147.3	18.44	144.3	17.41
	-21.8	-22.0	127.0	18.27	124.6	17.30	122.2	16.34	121.0	15.90	118.5	15.47	116.1	14.60
110	59.0	56.7	462.7	39.20	453.9	37.10	445.0	34.99	440.6	34.13	431.8	33.26	423.0	31.53
	55.4	53.2	462.7	39.71	453.9	37.58	445.0	35.45	440.6	34.57	431.8	33.69	423.0	31.93
	51.8	49.6	462.7	40.27	453.9	38.11	445.0	35.95	440.6	35.06	431.8	34.16	423.0	32.38
	48.2	46.2	462.7	40.83	453.9	38.65	445.0	36.46	440.6	35.55	431.8	34.64	423.0	32.82
	47.0	43.0	462.7	41.40	453.9	39.18	445.0	36.96	440.6	36.04	431.8	35.12	423.0	33.27
	41.0	39.4	462.7	42.07	453.9	39.82	445.0	37.56	440.6	36.62	431.8	35.68	423.0	33.80
	36.5	35.0	462.7	42.93	453.9	40.63	445.0	38.34	440.6	37.37	431.8	36.41	423.0	34.49
	32.0	30.7	462.7	43.87	453.9	41.52	445.0	39.18	440.6	38.19	431.8	37.20	423.0	35.23
	26.6	25.3	462.7	45.16	453.9	42.74	445.0	40.33	440.6	39.31	431.8	38.29	423.0	36.25
	23.0	21.9	444.9	44.22	436.4	41.86	427.9	39.50	423.7	38.49	415.2	37.49	406.7	35.49
	19.4	18.3	424.0	43.01	416.0	40.71	407.9	38.42	403.8	37.44	395.8	36.46	387.7	34.50
	14.0	13.1	393.8	41.21	386.3	39.02	378.8	36.82	375.1	35.88	367.6	34.94	360.1	33.05
	5.9	5.0	347.0	38.34	340.4	36.30	333.8	34.26	330.5	33.37	323.9	32.49	317.3	30.72
	-3.1	-4.0	286.9	33.97	281.4	32.17	275.9	30.37	273.2	29.58	267.7	28.79	262.3	27.20
	-9.0	-9.4	239.7	29.74	235.1	28.16	230.5	26.59	228.3	25.89	223.7	25.20	219.1	23.80
	-12.6	-13.0	208.2	26.73	204.2	25.32	200.3	23.90	198.3	23.27	194.3	22.64	190.4	21.39
	-17.3	-18.4	161.0	21.88	157.9	20.72	154.9	19.56	153.3	19.04	150.3	18.53	147.2	17.49
	-21.8	-22.0	129.5	18.35	127.1	17.38	124.6	16.41	123.4	15.98	120.9	15.54	118.4	14.67
120	59.0	56.7	476.3	39.76	467.2	37.62	458.1	35.49	453.6	34.61	444.5	33.73	435.5	31.98
	55.4	53.2	476.3	40.27	467.2	38.11	458.1	35.95	453.6	35.06	444.5	34.17	435.5	32.38
	51.8	49.6	476.3	40.84	467.2	38.65	458.1	36.46	453.6	35.55	444.5	34.65	435.5	32.83
	48.2	46.2	476.3	41.41	467.2	39.19	458.1	36.97	453.6	36.05	444.5	35.13	435.5	33.29
	47.0	43.0	476.3	41.99	467.2	39.74	458.1	37.49	453.6	36.55	444.5	35.62	435.5	33.74
	41.0	39.4	476.3	42.67	467.2	40.38	458.1	38.10	453.6	37.14	444.5	36.19	435.5	34.28
	36.5	35.0	476.3	43.54	467.2	41.21	458.1	38.88	453.6	37.90	444.5	36.93	435.5	34.97
	32.0	30.7	476.3	44.49	467.2	42.11	458.1	39.73	453.6	38.73	444.5	37.73	435.5	35.73
	26.6	25.3	476.3	45.79	467.2	43.35	458.1	40.90	453.6	39.87	444.5	38.83	435.5	36.76
	23.0	21.9	457.9	44.84	449.2	42.45	440.5	40.05	436.1	39.04	427.4	38.02	418.7	35.99
	19.4	18.3	436.5	43.61	428.2	41.29	419.9	38.96	415.7	37.97	407.4	36.98	399.1	34.99
	14.0	13.1	405.4	41.80	397.7	39.57	390.0	37.34	386.1	36.39	378.4	35.43	370.7	33.52
	5.9	5.0	357.2	38.88	350.4	36.81	343.6	34.74	340.2	33.85	333.4	32.95	326.6	31.16
	-3.1	-4.0	295.3	34.45	289.7	32.63	284.0	30.80	281.2	29.99	275.6	29.19	270.0	27.59
	-9.0	-9.4	246.7	30.16	242.0	28.56	237.3	26.96	235.0	26.26	230.3	25.55	225.6	24.14
	-12.6	-13.0	214.3	27.11	210.2	25.68	206.2	24.24	204.1	23.60	200.0	22.97	196.0	21.69
	-17.3	-18.4	165.7	22.19	162.6	21.01	159.4	19.84	157.9	19.31	154.7	18.79	151.5	17.74
	-21.8	-22.0	133.4	18.61	130.8	17.63	128.3	16.65	127.0	16.20	124.5	15.76	121.9	14.87
130	59.0	56.7	487.6	40.11	478.3	37.96	469.0	35.80	464.4	34.92	455.1	34.03	445.8	32.26
	55.4	53.2	487.6	40.63	478.3	38.45	469.0	36.27	464.4	35.37	455.1	34.47	445.8	32.67
	51.8	49.6	487.6	41.20	478.3	38.99	469.0	36.78	464.4	35.87	455.1	34.95	445.8	33.13
	48.2	46.2	487.6	41.78	478.3	39.54	469.0	37.30	464.4	36.37	455.1	35.44	445.8	33.58
	47.0	43.0	487.6	42.36	478.3	40.09	469.0	37.82	464.4	36.88	455.1	35.93	445.8	34.04
	41.0	39.4	487.6	43.04	478.3	40.74	469.0	38.43	464.4	37.47	455.1	36.51	445.8	34.58
	36.5	35.0	487.6	43.93	478.3	41.57	469.0	39.22	464.4	38.24	455.1	37.25	445.8	35.28
	32.0	30.7	487.6	44.88	478.3	42.48	469.0	40.08	464.4	39.07	455.1	38.06	445.8	36.04
	26.6	25.3	487.6	46.20	478.3	43.73	469.0	41.26	464.4	40.22	455.1	39.17	445.8	37.09
	23.0	21.9	468.8	45.24	459.9	42.82	451.0	40.41	446.5	39.38	437.6	38.36	428.7	36.31
	19.4	18.3	446.9	44.00	438.4	41.65	429.9	39.31	425.6	38.30	417.1	37.30	408.6	35.30
	14.0	13.1	415.1	42.17	407.2	39.92	399.3	37.67	395.3	36.71	387.4	35.74	379.5	33.82
	5.9	5.0	365.7	39.22	358.7	37.14	351.8	35.05	348.3	34.15	341.3	33.24	334.4	31.43
	-3.1	-4.0	302.3	34.76	296.6	32.91	290.8	31.07	287.9	30.26	282.2	29.45	276.4	27.83
	-9.0	-9.4	252.6	30.43	247.8	28.82	243.0	27.20	240.6	26.49	235.7	25.78	230.9	24.35
	-12.6	-13.0	219.4	27.35	215.2	25.90	211.1	24.46	209.0	23.81	204.8	23.17	200.6	21.88
	-17.3	-18.4	169.7	22.38	166.5	21.20	163.2	20.02	161.6	19.49	158.4	18.95	155.1	17.89
	-21.8	-22.0	136.5	18.78	133.9	17.79	131.3	16.79	130.0	16.35	127.4	15.90	124.8	15.01

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	408.2	34.74	400.5	32.88	392.7	31.01	388.8	30.25	381.0	29.48	373.2	27.94
	55.4	53.2	408.2	35.19	400.5	33.30	392.7	31.41	388.8	30.63	381.0	29.86	373.2	28.30
	51.8	49.6	408.2	35.69	400.5	33.77	392.7	31.86	388.8	31.07	381.0	30.28	373.2	28.69
	48.2	46.2	408.2	36.19	400.5	34.25	392.7	32.31	388.8	31.50	381.0	30.70	373.2	29.09
	47.0	43.0	408.2	36.69	400.5	34.72	392.7	32.76	388.8	31.94	381.0	31.12	373.2	29.49
	41.0	39.4	408.2	37.28	400.5	35.29	392.7	33.29	388.8	32.46	381.0	31.62	373.2	29.96
	36.5	35.0	408.2	38.05	400.5	36.01	392.7	33.98	388.8	33.12	381.0	32.27	373.2	30.56
	32.0	30.7	408.2	38.88	400.5	36.80	392.7	34.72	388.8	33.84	381.0	32.97	373.2	31.22
	26.6	25.3	408.2	40.02	400.5	37.88	392.7	35.74	388.8	34.84	381.0	33.93	373.2	32.12
	23.0	21.9	392.5	39.19	385.0	37.09	377.6	35.00	373.8	34.11	366.4	33.23	358.9	31.45
	19.4	18.3	374.2	38.11	367.0	36.08	359.9	34.05	356.3	33.18	349.2	32.31	342.1	30.58
	14.0	13.1	347.5	36.52	340.9	34.58	334.3	32.63	331.0	31.80	324.3	30.96	317.7	29.29
	5.9	5.0	306.2	33.97	300.3	32.17	294.5	30.36	291.6	29.58	285.8	28.79	279.9	27.23
	-3.1	-4.0	253.1	30.11	248.3	28.51	243.5	26.91	241.1	26.21	236.2	25.51	231.4	24.11
	-9.0	-9.4	211.5	26.36	207.4	24.96	203.4	23.56	201.4	22.95	197.4	22.33	193.3	21.09
	-12.6	-13.0	183.7	23.69	180.2	22.44	176.7	21.18	175.0	20.63	171.5	20.07	168.0	18.95
	-17.3	-18.4	142.1	19.39	139.4	18.36	136.7	17.34	135.3	16.88	132.6	16.42	129.9	15.50
	-21.8	-22.0	114.3	16.26	112.1	15.41	110.0	14.55	108.9	14.16	106.7	13.77	104.5	13.00
80	59.0	56.7	362.9	30.56	356.0	28.91	349.1	27.27	345.6	26.60	338.7	25.92	331.8	24.58
	55.4	53.2	362.9	30.95	356.0	29.29	349.1	27.63	345.6	26.94	338.7	26.26	331.8	24.89
	51.8	49.6	362.9	31.39	356.0	29.70	349.1	28.02	345.6	27.32	338.7	26.63	331.8	25.23
	48.2	46.2	362.9	31.83	356.0	30.12	349.1	28.41	345.6	27.71	338.7	27.00	331.8	25.58
	47.0	43.0	362.9	32.27	356.0	30.54	349.1	28.81	345.6	28.09	338.7	27.37	331.8	25.93
	41.0	39.4	362.9	32.79	356.0	31.03	349.1	29.28	345.6	28.54	338.7	27.81	331.8	26.35
	36.5	35.0	362.9	33.46	356.0	31.67	349.1	29.88	345.6	29.13	338.7	28.38	331.8	26.88
	32.0	30.7	362.9	34.19	356.0	32.36	349.1	30.53	345.6	29.76	338.7	28.99	331.8	27.46
	26.6	25.3	362.9	35.19	356.0	33.31	349.1	31.43	345.6	30.64	338.7	29.84	331.8	28.25
	23.0	21.9	348.9	34.46	342.3	32.62	335.6	30.78	332.3	30.00	325.6	29.22	319.0	27.66
	19.4	18.3	332.6	33.52	326.2	31.73	319.9	29.94	316.7	29.18	310.4	28.42	304.1	26.89
	14.0	13.1	308.9	32.12	303.0	30.41	297.1	28.70	294.2	27.96	288.3	27.23	282.4	25.76
	5.9	5.0	272.2	29.88	267.0	28.29	261.8	26.70	259.2	26.01	254.0	25.32	248.8	23.95
	-3.1	-4.0	225.0	26.48	220.7	25.07	216.4	23.67	214.3	23.05	210.0	22.43	205.7	21.20
	-9.0	-9.4	188.0	23.18	184.4	21.95	180.8	20.72	179.0	20.18	175.4	19.64	171.9	18.55
	-12.6	-13.0	163.3	20.84	160.2	19.73	157.1	18.63	155.5	18.14	152.4	17.65	149.3	16.67
	-17.3	-18.4	126.3	17.05	123.9	16.15	121.5	15.25	120.3	14.84	117.9	14.44	115.5	13.63
	-21.8	-22.0	101.6	14.30	99.7	13.55	97.7	12.79	96.8	12.45	94.8	12.11	92.9	11.43
70	59.0	56.7	317.5	26.46	311.5	25.03	305.4	23.61	302.4	23.03	296.4	22.45	290.3	21.28
	55.4	53.2	317.5	26.80	311.5	25.36	305.4	23.92	302.4	23.33	296.4	22.73	290.3	21.55
	51.8	49.6	317.5	27.17	311.5	25.72	305.4	24.26	302.4	23.66	296.4	23.05	290.3	21.85
	48.2	46.2	317.5	27.56	311.5	26.08	305.4	24.60	302.4	23.99	296.4	23.38	290.3	22.15
	47.0	43.0	317.5	27.94	311.5	26.44	305.4	24.94	302.4	24.32	296.4	23.70	290.3	22.45
	41.0	39.4	317.5	28.39	311.5	26.87	305.4	25.35	302.4	24.71	296.4	24.08	290.3	22.81
	36.5	35.0	317.5	28.97	311.5	27.42	305.4	25.87	302.4	25.22	296.4	24.57	290.3	23.27
	32.0	30.7	317.5	29.60	311.5	28.02	305.4	26.44	302.4	25.77	296.4	25.10	290.3	23.77
	26.6	25.3	317.5	30.47	311.5	28.84	305.4	27.22	302.4	26.53	296.4	25.84	290.3	24.46
	23.0	21.9	305.3	29.84	299.5	28.24	293.7	26.65	290.8	25.98	284.9	25.30	279.1	23.95
	19.4	18.3	291.0	29.02	285.5	27.47	279.9	25.92	277.1	25.26	271.6	24.60	266.1	23.28
	14.0	13.1	270.3	27.81	265.1	26.33	260.0	24.85	257.4	24.21	252.3	23.58	247.1	22.30
	5.9	5.0	238.1	25.87	233.6	24.49	229.1	23.12	226.8	22.52	222.3	21.93	217.7	20.73
	-3.1	-4.0	196.9	22.92	193.1	21.71	189.4	20.49	187.5	19.96	183.7	19.42	180.0	18.36
	-9.0	-9.4	164.5	20.07	161.3	19.01	158.2	17.94	156.6	17.47	153.5	17.00	150.4	16.06
	-12.6	-13.0	142.9	18.04	140.2	17.08	137.4	16.13	136.1	15.71	133.4	15.28	130.6	14.43
	-17.3	-18.4	110.5	14.76	108.4	13.98	106.3	13.20	105.2	12.85	103.1	12.50	101.0	11.80
	-21.8	-22.0	88.9	12.38	87.2	11.73	85.5	11.08	84.7	10.78	83.0	10.49	81.3	9.90

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4081FT6P-UL/MMY-UP4081FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	482.0	41.63	472.8	39.40	463.6	37.16	459.0	36.24	449.8	35.33	440.6	33.49
	55.4	53.2	482.0	42.17	472.8	39.91	463.6	37.64	459.0	36.71	449.8	35.78	440.6	33.91
	51.8	49.6	482.0	42.77	472.8	40.47	463.6	38.18	459.0	37.23	449.8	36.28	440.6	34.38
	48.2	46.2	482.0	43.37	472.8	41.04	463.6	38.72	459.0	37.75	449.8	36.79	440.6	34.86
	47.0	43.0	482.0	43.97	472.8	41.61	463.6	39.26	459.0	38.28	449.8	37.30	440.6	35.34
	41.0	39.4	482.0	44.68	472.8	42.29	463.6	39.89	459.0	38.89	449.8	37.90	440.6	35.90
	36.5	35.0	482.0	45.59	472.8	43.15	463.6	40.71	459.0	39.69	449.8	38.67	440.6	36.62
	32.0	30.7	458.0	44.20	449.3	41.84	440.5	39.48	436.2	38.48	427.5	37.49	418.7	35.50
	26.6	25.3	427.6	42.39	419.5	40.13	411.3	37.86	407.3	36.91	399.1	35.95	391.0	34.03
	23.0	21.9	408.4	41.23	400.6	39.03	392.8	36.83	389.0	35.89	381.2	34.96	373.4	33.09
	19.4	18.3	388.2	39.98	380.8	37.85	373.4	35.71	369.7	34.80	362.3	33.89	354.9	32.08
	14.0	13.1	358.8	38.13	352.0	36.10	345.1	34.06	341.7	33.19	334.9	32.32	328.1	30.58
	5.9	5.0	313.3	35.14	307.3	33.27	301.3	31.40	298.4	30.59	292.4	29.78	286.4	28.16
	-3.1	-4.0	255.4	30.71	250.6	29.08	245.7	27.45	243.3	26.74	238.4	26.02	233.5	24.59
	-9.0	-9.4	217.8	27.47	213.7	26.01	209.5	24.56	207.5	23.91	203.3	23.27	199.2	21.98
	-12.6	-13.0	192.8	25.17	189.1	23.84	185.4	22.50	183.6	21.91	179.9	21.32	176.3	20.14
	-17.3	-18.4	155.2	21.46	152.2	20.33	149.3	19.20	147.8	18.69	144.8	18.18	141.9	17.16
	-21.8	-22.0	130.1	18.78	127.6	17.79	125.2	16.80	123.9	16.35	121.5	15.90	119.0	15.01
110	59.0	56.7	491.6	41.83	482.2	39.58	472.9	37.34	468.2	36.41	458.8	35.49	449.5	33.64
	55.4	53.2	491.6	42.37	482.2	40.09	472.9	37.82	468.2	36.88	458.8	35.94	449.5	34.07
	51.8	49.6	491.6	42.97	482.2	40.66	472.9	38.36	468.2	37.40	458.8	36.45	449.5	34.54
	48.2	46.2	491.6	43.57	482.2	41.23	472.9	38.90	468.2	37.93	458.8	36.96	449.5	35.02
	47.0	43.0	491.6	44.17	482.2	41.81	472.9	39.44	468.2	38.45	458.8	37.47	449.5	35.50
	41.0	39.4	491.6	44.89	482.2	42.48	472.9	40.08	468.2	39.08	458.8	38.07	449.5	36.07
	36.5	35.0	491.6	45.81	482.2	43.36	472.9	40.90	468.2	39.88	458.8	38.85	449.5	36.79
	32.0	30.7	467.2	44.41	458.3	42.04	449.4	39.66	444.9	38.66	436.0	37.66	427.1	35.66
	26.6	25.3	436.2	42.59	427.9	40.32	419.6	38.04	415.4	37.08	407.1	36.12	398.8	34.19
	23.0	21.9	416.6	41.42	408.6	39.21	400.7	37.00	396.7	36.06	388.8	35.12	380.9	33.24
	19.4	18.3	395.9	40.16	388.4	38.02	380.8	35.88	377.1	34.97	369.5	34.05	362.0	32.22
	14.0	13.1	366.0	38.31	359.0	36.26	352.0	34.22	348.6	33.35	341.6	32.47	334.6	30.72
	5.9	5.0	319.5	35.30	313.4	33.43	307.4	31.55	304.3	30.73	298.2	29.92	292.1	28.29
	-3.1	-4.0	260.5	30.86	255.6	29.22	250.6	27.58	248.1	26.86	243.2	26.15	238.2	24.71
	-9.0	-9.4	222.2	27.60	218.0	26.13	213.7	24.67	211.6	24.03	207.4	23.38	203.2	22.09
	-12.6	-13.0	196.6	25.29	192.9	23.95	189.1	22.61	187.3	22.01	183.5	21.42	179.8	20.23
	-17.3	-18.4	158.3	21.56	155.3	20.42	152.3	19.28	150.8	18.77	147.7	18.26	144.7	17.24
	-21.8	-22.0	132.7	18.87	130.2	17.87	127.7	16.88	126.4	16.43	123.9	15.98	121.4	15.08
120	59.0	56.7	506.0	42.42	496.4	40.14	486.8	37.86	482.0	36.93	472.3	35.99	462.7	34.12
	55.4	53.2	506.0	42.97	496.4	40.66	486.8	38.35	482.0	37.40	472.3	36.45	462.7	34.55
	51.8	49.6	506.0	43.57	496.4	41.24	486.8	38.90	482.0	37.93	472.3	36.97	462.7	35.03
	48.2	46.2	506.0	44.18	496.4	41.82	486.8	39.45	482.0	38.46	472.3	37.48	462.7	35.52
	47.0	43.0	506.0	44.80	496.4	42.40	486.8	40.00	482.0	39.00	472.3	38.00	462.7	36.00
	41.0	39.4	506.0	45.52	496.4	43.08	486.8	40.65	482.0	39.63	472.3	38.61	462.7	36.58
	36.5	35.0	506.0	46.45	496.4	43.97	486.8	41.48	482.0	40.44	472.3	39.40	462.7	37.32
	32.0	30.7	480.9	45.04	471.7	42.63	462.6	40.22	458.0	39.21	448.8	38.19	439.7	36.17
	26.6	25.3	449.0	43.19	440.5	40.89	431.9	38.58	427.6	37.60	419.1	36.63	410.5	34.67
	23.0	21.9	428.8	42.00	420.7	39.76	412.5	37.52	408.4	36.57	400.2	35.62	392.1	33.71
	19.4	18.3	407.6	40.73	399.8	38.56	392.0	36.39	388.2	35.46	380.4	34.53	372.6	32.68
	14.0	13.1	376.8	38.85	369.6	36.78	362.4	34.71	358.8	33.82	351.6	32.93	344.5	31.15
	5.9	5.0	328.9	35.80	322.7	33.90	316.4	32.00	313.3	31.17	307.0	30.34	300.7	28.69
	-3.1	-4.0	268.2	31.29	263.1	29.63	258.0	27.97	255.4	27.24	250.3	26.52	245.2	25.06
	-9.0	-9.4	228.7	27.99	224.4	26.50	220.0	25.02	217.8	24.37	213.5	23.71	209.1	22.40
	-12.6	-13.0	202.4	25.64	198.6	24.29	194.7	22.93	192.8	22.33	188.9	21.72	185.1	20.52
	-17.3	-18.4	162.9	21.87	159.8	20.71	156.7	19.56	155.2	19.04	152.1	18.52	149.0	17.48
	-21.8	-22.0	136.6	19.14	134.0	18.13	131.4	17.12	130.1	16.66	127.5	16.20	124.9	15.29
130	59.0	56.7	518.1	42.80	508.2	40.50	498.4	38.20	493.4	37.26	483.6	36.31	473.7	34.42
	55.4	53.2	518.1	43.35	508.2	41.02	498.4	38.69	493.4	37.73	483.6	36.78	473.7	34.86
	51.8	49.6	518.1	43.96	508.2	41.60	498.4	39.24	493.4	38.27	483.6	37.29	473.7	35.34
	48.2	46.2	518.1	44.58	508.2	42.19	498.4	39.80	493.4	38.80	483.6	37.81	473.7	35.83
	47.0	43.0	518.1	45.19	508.2	42.77	498.4	40.35	493.4	39.34	483.6	38.34	473.7	36.32
	41.0	39.4	518.1	45.92	508.2	43.47	498.4	41.01	493.4	39.98	483.6	38.95	473.7	36.90
	36.5	35.0	518.1	46.87	508.2	44.36	498.4	41.85	493.4	40.80	483.6	39.75	473.7	37.65
	32.0	30.7	492.3	45.44	483.0	43.01	473.6	40.58	468.9	39.56	459.5	38.53	450.1	36.49
	26.6	25.3	459.7	43.58	451.0	41.25	442.2	38.92	437.8	37.94	429.1	36.95	420.3	34.98
	23.0	21.9	439.0	42.38	430.7	40.11	422.3	37.85	418.1	36.89	409.8	35.93	401.4	34.01
	19.4	18.3	417.3	41.09	409.3	38.90	401.4	36.71	397.4	35.77	389.5	34.84	381.5	32.97
	14.0	13.1	385.7	39.19	378.4	37.10	371.0	35.01	367.4	34.12	360.0	33.22	352.7	31.43
	5.9	5.0	336.8	36.12	330.3	34.20	323.9	32.28	320.7	31.45	314.3	30.61	307.9	28.95
	-3.1	-4.0	274.6	31.57	269.4	29.90	264.1	28.22	261.5	27.48	256.3	26.75	251.1	25.28
	-9.0	-9.4	234.2	28.24	229.7	26.74	225.3	25.24	223.0	24.58	218.6	23.92	214.1	22.60
	-12.6	-13.0	207.2	25.87	203.3	24.50	199.3	23.13	197.4	22.52	193.4	21.92	189.5	20.70
	-17.3	-18.4	166.8	22.06	163.6	20.90	160.5	19.73	158.9	19.21	155.7	18.68	152.5	17.64
	-21.8	-22.0	139.9	19.31	137.2	18.29	134.6	17.27	133.2	16.81	130.6	16.35	127.9	15.43

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	433.8	37.07	425.5	35.08	417.2	33.09	413.1	32.27	404.8	31.45	396.6	29.82
	55.4	53.2	433.8	37.55	425.5	35.53	417.2	33.52	413.1	32.68	404.8	31.85	396.6	30.19
	51.8	49.6	433.8	38.08	425.5	36.03	417.2	33.99	413.1	33.15	404.8	32.30	396.6	30.61
	48.2	46.2	433.8	38.61	425.5	36.54	417.2	34.47	413.1	33.61	404.8	32.75	396.6	31.04
	47.0	43.0	433.8	39.15	425.5	37.05	417.2	34.95	413.1	34.08	404.8	33.21	396.6	31.46
	41.0	39.4	433.8	39.78	425.5	37.65	417.2	35.52	413.1	34.63	404.8	33.74	396.6	31.96
	36.5	35.0	433.8	40.59	425.5	38.42	417.2	36.25	413.1	35.34	404.8	34.43	396.6	32.61
	32.0	30.7	412.2	39.36	404.3	37.25	396.5	35.15	392.6	34.26	384.7	33.38	376.9	31.61
	26.6	25.3	384.9	37.75	377.5	35.73	370.2	33.71	366.5	32.86	359.2	32.01	351.9	30.30
	23.0	21.9	367.6	36.71	360.6	34.75	353.6	32.79	350.1	31.95	343.1	31.12	336.1	29.46
	19.4	18.3	349.3	35.59	342.7	33.70	336.0	31.80	332.7	30.99	326.1	30.18	319.4	28.56
	14.0	13.1	322.9	33.95	316.8	32.14	310.6	30.33	307.6	29.55	301.4	28.78	295.3	27.22
	5.9	5.0	281.9	31.29	276.6	29.62	271.2	27.96	268.5	27.24	263.1	26.52	257.8	25.07
	-3.1	-4.0	229.9	27.35	225.5	25.89	221.1	24.44	218.9	23.81	214.6	23.17	210.2	21.90
	-9.0	-9.4	196.1	24.46	192.3	23.16	188.6	21.87	186.7	21.29	183.0	20.72	179.3	19.57
	-12.6	-13.0	173.5	22.41	170.2	21.22	166.9	20.04	165.2	19.51	161.9	18.98	158.6	17.93
	-17.3	-18.4	139.7	19.11	137.0	18.10	134.3	17.09	133.0	16.64	130.4	16.18	127.7	15.28
	-21.8	-22.0	117.1	16.72	114.9	15.84	112.7	14.96	111.5	14.56	109.3	14.16	107.1	13.36
80	59.0	56.7	385.6	32.60	378.2	30.85	370.9	29.10	367.2	28.38	359.9	27.66	352.5	26.22
	55.4	53.2	385.6	33.02	378.2	31.25	370.9	29.48	367.2	28.74	359.9	28.01	352.5	26.55
	51.8	49.6	385.6	33.49	378.2	31.69	370.9	29.89	367.2	29.15	359.9	28.41	352.5	26.92
	48.2	46.2	385.6	33.96	378.2	32.14	370.9	30.32	367.2	29.56	359.9	28.81	352.5	27.30
	47.0	43.0	385.6	34.43	378.2	32.58	370.9	30.74	367.2	29.97	359.9	29.20	352.5	27.67
	41.0	39.4	385.6	34.98	378.2	33.11	370.9	31.24	367.2	30.45	359.9	29.67	352.5	28.11
	36.5	35.0	385.6	35.70	378.2	33.79	370.9	31.88	367.2	31.08	359.9	30.28	352.5	28.68
	32.0	30.7	366.4	34.61	359.4	32.76	352.4	30.91	349.0	30.13	342.0	29.35	335.0	27.80
	26.6	25.3	342.1	33.20	335.6	31.42	329.1	29.65	325.8	28.90	319.3	28.15	312.8	26.65
	23.0	21.9	326.7	32.28	320.5	30.56	314.3	28.83	311.2	28.10	304.9	27.37	298.7	25.91
	19.4	18.3	310.5	31.30	304.6	29.63	298.7	27.96	295.7	27.25	289.8	26.54	283.9	25.12
	14.0	13.1	287.0	29.85	281.6	28.26	276.1	26.67	273.4	25.99	267.9	25.31	262.4	23.94
	5.9	5.0	250.6	27.52	245.8	26.05	241.1	24.59	238.7	23.95	233.9	23.32	229.1	22.05
	-3.1	-4.0	204.3	24.05	200.5	22.77	196.6	21.50	194.6	20.94	190.7	20.38	186.8	19.26
	-9.0	-9.4	174.3	21.51	171.0	20.37	167.6	19.23	166.0	18.73	162.7	18.22	159.3	17.21
	-12.6	-13.0	154.2	19.71	151.3	18.67	148.3	17.62	146.9	17.16	143.9	16.69	141.0	15.77
	-17.3	-18.4	124.2	16.81	121.8	15.92	119.4	15.03	118.2	14.63	115.9	14.23	113.5	13.44
	-21.8	-22.0	104.1	14.71	102.1	13.93	100.1	13.15	99.1	12.80	97.2	12.45	95.2	11.75
70	59.0	56.7	337.4	28.23	330.9	26.71	324.5	25.19	321.3	24.57	314.9	23.95	308.4	22.70
	55.4	53.2	337.4	28.59	330.9	27.05	324.5	25.52	321.3	24.89	314.9	24.25	308.4	22.99
	51.8	49.6	337.4	28.99	330.9	27.44	324.5	25.88	321.3	25.24	314.9	24.60	308.4	23.31
	48.2	46.2	337.4	29.40	330.9	27.82	324.5	26.25	321.3	25.59	314.9	24.94	308.4	23.63
	47.0	43.0	337.4	29.81	330.9	28.21	324.5	26.61	321.3	25.95	314.9	25.28	308.4	23.96
	41.0	39.4	337.4	30.29	330.9	28.67	324.5	27.05	321.3	26.37	314.9	25.69	308.4	24.34
	36.5	35.0	337.4	30.91	330.9	29.26	324.5	27.60	321.3	26.91	314.9	26.22	308.4	24.83
	32.0	30.7	320.6	29.97	314.5	28.37	308.4	26.76	305.3	26.09	299.2	25.41	293.1	24.07
	26.6	25.3	299.3	28.74	293.6	27.21	287.9	25.67	285.1	25.02	279.4	24.37	273.7	23.07
	23.0	21.9	285.9	27.95	280.4	26.46	275.0	24.97	272.3	24.33	266.8	23.70	261.4	22.43
	19.4	18.3	271.7	27.10	266.5	25.66	261.4	24.21	258.8	23.59	253.6	22.98	248.4	21.75
	14.0	13.1	251.2	25.85	246.4	24.47	241.6	23.09	239.2	22.50	234.4	21.91	229.6	20.73
	5.9	5.0	219.3	23.82	215.1	22.56	210.9	21.29	208.8	20.74	204.7	20.19	200.5	19.09
	-3.1	-4.0	178.8	20.82	175.4	19.72	172.0	18.61	170.3	18.13	166.9	17.64	163.5	16.67
	-9.0	-9.4	152.5	18.62	149.6	17.64	146.7	16.65	145.2	16.21	142.3	15.78	139.4	14.90
	-12.6	-13.0	134.9	17.06	132.4	16.16	129.8	15.26	128.5	14.86	125.9	14.45	123.4	13.65
	-17.3	-18.4	108.6	14.55	106.6	13.78	104.5	13.01	103.5	12.67	101.4	12.32	99.3	11.63
	-21.8	-22.0	91.1	12.73	89.4	12.06	87.6	11.39	86.8	11.09	85.0	10.78	83.3	10.18

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4321FT6P-UL/MMY-UP4321FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	510.3	44.27	500.6	41.89	490.9	39.51	486.0	38.54	476.3	37.56	466.6	35.61
	55.4	53.2	510.3	44.84	500.6	42.43	490.9	40.02	486.0	39.03	476.3	38.04	466.6	36.06
	51.8	49.6	510.3	45.47	500.6	43.03	490.9	40.59	486.0	39.58	476.3	38.58	466.6	36.56
	48.2	46.2	510.3	46.11	500.6	43.64	490.9	41.17	486.0	40.14	476.3	39.12	466.6	37.06
	47.0	43.0	510.3	46.75	500.6	44.24	490.9	41.74	486.0	40.70	476.3	39.66	466.6	37.57
	41.0	39.4	510.3	47.37	500.6	44.96	490.9	42.42	486.0	41.36	476.3	40.29	466.6	38.17
	36.5	35.0	510.3	47.37	500.6	45.88	490.9	43.29	486.0	42.20	476.3	41.12	466.6	38.94
	32.0	30.7	484.9	47.00	475.7	44.49	466.5	41.97	461.8	40.92	452.6	39.86	443.4	37.74
	26.6	25.3	452.8	45.08	444.2	42.67	435.5	40.26	431.2	39.24	422.6	38.22	414.0	36.18
	23.0	21.9	432.4	43.84	424.2	41.50	416.0	39.15	411.8	38.16	403.6	37.17	395.4	35.18
	19.4	18.3	411.0	42.51	403.2	40.24	395.3	37.97	391.4	37.01	383.6	36.04	375.8	34.10
	14.0	13.1	379.9	40.54	372.7	38.38	365.4	36.22	361.8	35.29	354.6	34.37	347.4	32.51
	5.9	5.0	331.7	37.36	325.4	35.38	319.1	33.39	315.9	32.53	309.6	31.67	303.3	29.94
	-3.1	-4.0	270.5	32.66	265.3	30.92	260.2	29.19	257.6	28.43	252.4	27.67	247.3	26.15
	-9.0	-9.4	230.7	29.21	226.3	27.66	221.9	26.11	219.7	25.43	215.3	24.74	210.9	23.37
	-12.6	-13.0	204.1	26.76	200.2	25.35	196.3	23.93	194.4	23.30	190.5	22.67	186.6	21.41
	-17.3	-18.4	164.3	22.82	161.2	21.62	158.1	20.41	156.5	19.87	153.4	19.33	150.2	18.25
	-21.8	-22.0	137.8	19.97	135.2	18.92	132.5	17.86	131.2	17.39	128.6	16.91	126.0	15.96
110	59.0	56.7	520.5	44.47	510.6	42.09	500.7	39.70	495.7	38.72	485.8	37.73	475.9	35.77
	55.4	53.2	520.5	45.05	510.6	42.63	500.7	40.21	495.7	39.21	485.8	38.22	475.9	36.22
	51.8	49.6	520.5	45.68	510.6	43.23	500.7	40.78	495.7	39.77	485.8	38.76	475.9	36.73
	48.2	46.2	520.5	46.32	510.6	43.84	500.7	41.36	495.7	40.33	485.8	39.30	475.9	37.24
	47.0	43.0	520.5	46.97	510.6	44.45	500.7	41.93	495.7	40.89	485.8	39.84	475.9	37.75
	41.0	39.4	520.5	47.59	510.6	45.17	500.7	42.61	495.7	41.55	485.8	40.48	475.9	38.35
	36.5	35.0	520.5	47.59	510.6	46.10	500.7	43.49	495.7	42.40	485.8	41.31	475.9	39.12
	32.0	30.7	494.6	47.22	485.2	44.69	475.8	42.17	471.1	41.11	461.7	40.04	452.2	37.92
	26.6	25.3	461.8	45.29	453.0	42.87	444.3	40.45	439.9	39.42	431.1	38.40	422.3	36.35
	23.0	21.9	441.1	44.04	432.7	41.69	424.3	39.34	420.1	38.34	411.7	37.34	403.3	35.34
	19.4	18.3	419.2	42.71	411.2	40.43	403.2	38.15	399.3	37.18	391.3	36.21	383.3	34.26
	14.0	13.1	387.5	40.73	380.1	38.56	372.8	36.39	369.1	35.46	361.7	34.53	354.3	32.66
	5.9	5.0	338.3	37.54	331.9	35.54	325.4	33.54	322.2	32.68	315.8	31.81	309.3	30.08
	-3.1	-4.0	275.9	32.81	270.6	31.07	265.4	29.33	262.7	28.56	257.5	27.80	252.2	26.27
	-9.0	-9.4	235.3	29.34	230.8	27.79	226.3	26.23	224.1	25.55	219.6	24.86	215.1	23.48
	-12.6	-13.0	208.2	26.89	204.2	25.46	200.3	24.04	198.3	23.41	194.3	22.77	190.4	21.51
	-17.3	-18.4	167.6	22.93	164.4	21.72	161.2	20.50	159.6	19.96	156.4	19.42	153.2	18.33
	-21.8	-22.0	140.5	20.06	137.9	19.00	135.2	17.95	133.8	17.47	131.2	16.99	128.5	16.03
120	59.0	56.7	535.8	45.10	525.6	42.68	515.4	40.26	510.3	39.26	500.1	38.27	489.9	36.28
	55.4	53.2	535.8	45.68	525.6	43.23	515.4	40.78	510.3	39.77	500.1	38.76	489.9	36.74
	51.8	49.6	535.8	46.33	525.6	43.84	515.4	41.36	510.3	40.33	500.1	39.30	489.9	37.25
	48.2	46.2	535.8	46.98	525.6	44.46	515.4	41.94	510.3	40.90	500.1	39.85	489.9	37.76
	47.0	43.0	535.8	47.63	525.6	45.08	515.4	42.53	510.3	41.47	500.1	40.40	489.9	38.28
	41.0	39.4	535.8	48.26	525.6	45.81	515.4	43.22	510.3	42.14	500.1	41.05	489.9	38.89
	36.5	35.0	535.8	48.26	525.6	46.75	515.4	44.11	510.3	43.00	500.1	41.89	489.9	39.68
	32.0	30.7	509.2	47.89	499.5	45.33	489.8	42.77	484.9	41.69	475.2	40.61	465.5	38.46
	26.6	25.3	475.4	45.93	466.4	43.47	457.3	41.02	452.8	39.98	443.7	38.94	434.7	36.87
	23.0	21.9	454.0	44.66	445.4	42.28	436.8	39.89	432.4	38.88	423.8	37.87	415.1	35.84
	19.4	18.3	431.5	43.31	423.3	41.00	415.1	38.69	411.0	37.70	402.8	36.72	394.6	34.75
	14.0	13.1	398.9	41.31	391.3	39.10	383.7	36.90	379.9	35.96	372.3	35.01	364.7	33.13
	5.9	5.0	348.3	38.07	341.6	36.04	335.0	34.02	331.7	33.14	325.1	32.26	318.4	30.51
	-3.1	-4.0	284.0	33.27	278.6	31.51	273.2	29.74	270.5	28.97	265.0	28.19	259.6	26.64
	-9.0	-9.4	242.2	29.76	237.6	28.18	233.0	26.60	230.7	25.91	226.0	25.21	221.4	23.82
	-12.6	-13.0	214.3	27.27	210.2	25.82	206.2	24.38	204.1	23.74	200.0	23.10	196.0	21.81
	-17.3	-18.4	172.5	23.25	169.2	22.02	166.0	20.79	164.3	20.24	161.0	19.69	157.7	18.59
	-21.8	-22.0	144.7	20.35	141.9	19.27	139.2	18.20	137.8	17.71	135.0	17.23	132.3	16.26
130	59.0	56.7	548.6	45.50	538.1	43.06	527.7	40.62	522.5	39.61	512.0	38.61	501.6	36.60
	55.4	53.2	548.6	46.09	538.1	43.61	527.7	41.14	522.5	40.12	512.0	39.10	501.6	37.06
	51.8	49.6	548.6	46.74	538.1	44.23	527.7	41.73	522.5	40.69	512.0	39.65	501.6	37.58
	48.2	46.2	548.6	47.40	538.1	44.85	527.7	42.31	522.5	41.26	512.0	40.21	501.6	38.10
	47.0	43.0	548.6	48.05	538.1	45.48	527.7	42.90	522.5	41.83	512.0	40.76	501.6	38.62
	41.0	39.4	548.6	48.69	538.1	46.21	527.7	43.60	522.5	42.51	512.0	41.42	501.6	39.23
	36.5	35.0	548.6	48.69	538.1	47.16	527.7	44.50	522.5	43.38	512.0	42.26	501.6	40.03
	32.0	30.7	521.3	48.31	511.4	45.73	501.4	43.14	496.5	42.06	486.6	40.97	476.6	38.80
	26.6	25.3	486.7	46.33	477.5	43.86	468.2	41.38	463.6	40.34	454.3	39.29	445.0	37.19
	23.0	21.9	464.9	45.06	456.0	42.65	447.2	40.25	442.7	39.23	433.9	38.20	425.0	36.16
	19.4	18.3	441.8	43.69	433.4	41.36	425.0	39.03	420.8	38.04	412.4	37.04	403.9	35.06
	14.0	13.1	408.4	41.67	400.6	39.45	392.9	37.23	389.0	36.28	381.2	35.32	373.4	33.42
	5.9	5.0	356.6	38.41	349.8	36.36	343.0	34.32	339.6	33.44	332.8	32.55	326.0	30.78
	-3.1	-4.0	290.7	33.57	285.2	31.79	279.7	30.00	276.9	29.22	271.4	28.44	265.8	26.88
	-9.0	-9.4	248.0	30.02	243.2	28.43	238.5	26.84	236.1	26.14	231.4	25.43	226.7	24.03
	-12.6	-13.0	219.4	27.51	215.2	26.05	211.1	24.60	209.0	23.95	204.8	23.30	200.6	22.01
	-17.3	-18.4	176.6	23.46	173.3	22.22	169.9	20.98	168.2	20.42	164.9	19.87	161.5	18.76
	-21.8	-22.0	148.1	20.53	145.3	19.44	142.5	18.36	141.1	17.87	138.2	17.38	135.4	16.41

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	459.3	39.41	450.5	37.30	441.8	35.18	437.4	34.31	428.7	33.44	419.9	31.70
	55.4	53.2	459.3	39.92	450.5	37.78	441.8	35.64	437.4	34.75	428.7	33.87	419.9	32.10
	51.8	49.6	459.3	40.49	450.5	38.31	441.8	36.14	437.4	35.24	428.7	34.35	419.9	32.55
	48.2	46.2	459.3	41.05	450.5	38.85	441.8	36.65	437.4	35.74	428.7	34.83	419.9	33.00
	47.0	43.0	459.3	41.62	450.5	39.39	441.8	37.16	437.4	36.23	428.7	35.31	419.9	33.45
	41.0	39.4	459.3	42.18	450.5	40.03	441.8	37.77	437.4	36.82	428.7	35.87	419.9	33.98
	36.5	35.0	459.3	42.18	450.5	40.85	441.8	38.54	437.4	37.58	428.7	36.61	419.9	34.67
	32.0	30.7	436.4	41.85	428.1	39.61	419.8	37.37	415.7	36.43	407.3	35.49	399.0	33.60
	26.6	25.3	407.5	40.13	399.7	37.99	392.0	35.85	388.1	34.94	380.3	34.03	372.6	32.22
	23.0	21.9	389.2	39.03	381.8	36.94	374.4	34.86	370.7	33.98	363.2	33.09	355.8	31.32
	19.4	18.3	369.9	37.85	362.9	35.83	355.8	33.81	352.3	32.95	345.2	32.09	338.2	30.36
	14.0	13.1	341.9	36.09	335.4	34.17	328.9	32.25	325.6	31.42	319.1	30.60	312.6	28.95
	5.9	5.0	298.5	33.27	292.8	31.50	287.2	29.73	284.3	28.96	278.6	28.19	272.9	26.66
	-3.1	-4.0	243.4	29.08	238.8	27.53	234.1	25.99	231.8	25.31	227.2	24.64	222.5	23.28
	-9.0	-9.4	207.6	26.00	203.6	24.63	199.7	23.25	197.7	22.64	193.8	22.03	189.8	20.81
	-12.6	-13.0	183.7	23.83	180.2	22.57	176.7	21.30	175.0	20.74	171.5	20.18	168.0	19.06
	-17.3	-18.4	147.9	20.32	145.1	19.25	142.3	18.17	140.8	17.69	138.0	17.21	135.2	16.25
	-21.8	-22.0	124.0	17.78	121.6	16.84	119.3	15.90	118.1	15.48	115.7	15.06	113.4	14.21
80	59.0	56.7	408.2	34.66	400.5	32.80	392.7	30.94	388.8	30.18	381.0	29.41	373.2	27.88
	55.4	53.2	408.2	35.11	400.5	33.22	392.7	31.34	388.8	30.56	381.0	29.79	373.2	28.23
	51.8	49.6	408.2	35.61	400.5	33.70	392.7	31.79	388.8	31.00	381.0	30.21	373.2	28.63
	48.2	46.2	408.2	36.10	400.5	34.17	392.7	32.23	388.8	31.43	381.0	30.63	373.2	29.02
	47.0	43.0	408.2	36.61	400.5	34.64	392.7	32.68	388.8	31.87	381.0	31.05	373.2	29.42
	41.0	39.4	408.2	37.09	400.5	35.21	392.7	33.21	388.8	32.38	381.0	31.55	373.2	29.89
	36.5	35.0	408.2	37.09	400.5	35.93	392.7	33.90	388.8	33.05	381.0	32.19	373.2	30.49
	32.0	30.7	388.0	36.80	380.6	34.83	373.2	32.87	369.5	32.04	362.1	31.21	354.7	29.55
	26.6	25.3	362.2	35.30	355.3	33.41	348.4	31.52	345.0	30.73	338.1	29.93	331.2	28.33
	23.0	21.9	345.9	34.32	339.4	32.49	332.8	30.66	329.5	29.88	322.9	29.10	316.3	27.55
	19.4	18.3	328.8	33.28	322.5	31.51	316.3	29.73	313.1	28.98	306.9	28.22	300.6	26.70
	14.0	13.1	303.9	31.74	298.1	30.05	292.4	28.36	289.5	27.63	283.7	26.91	277.9	25.46
	5.9	5.0	265.4	29.26	260.3	27.70	255.2	26.14	252.7	25.47	247.7	24.80	242.6	23.45
	-3.1	-4.0	216.4	25.57	212.2	24.21	208.1	22.86	206.1	22.26	201.9	21.67	197.8	20.48
	-9.0	-9.4	184.5	22.87	181.0	21.66	177.5	20.45	175.7	19.91	172.2	19.37	168.7	18.30
	-12.6	-13.0	163.3	20.96	160.2	19.85	157.1	18.74	155.5	18.24	152.4	17.75	149.3	16.76
	-17.3	-18.4	131.5	17.87	128.9	16.93	126.4	15.98	125.2	15.56	122.7	15.13	120.2	14.29
	-21.8	-22.0	110.2	15.64	108.1	14.81	106.0	13.99	105.0	13.61	102.9	13.24	100.8	12.50
70	59.0	56.7	357.2	30.01	350.4	28.40	343.6	26.79	340.2	26.13	333.4	25.46	326.6	24.14
	55.4	53.2	357.2	30.40	350.4	28.77	343.6	27.13	340.2	26.46	333.4	25.79	326.6	24.44
	51.8	49.6	357.2	30.83	350.4	29.17	343.6	27.52	340.2	26.84	333.4	26.15	326.6	24.78
	48.2	46.2	357.2	31.26	350.4	29.58	343.6	27.91	340.2	27.21	333.4	26.52	326.6	25.13
	47.0	43.0	357.2	31.69	350.4	30.00	343.6	28.30	340.2	27.59	333.4	26.88	326.6	25.47
	41.0	39.4	357.2	32.11	350.4	30.48	343.6	28.76	340.2	28.04	333.4	27.32	326.6	25.88
	36.5	35.0	357.2	32.11	350.4	31.11	343.6	29.35	340.2	28.61	333.4	27.87	326.6	26.40
	32.0	30.7	339.5	31.86	333.0	30.16	326.5	28.46	323.3	27.74	316.8	27.02	310.4	25.59
	26.6	25.3	317.0	30.56	310.9	28.93	304.9	27.29	301.9	26.60	295.8	25.91	289.8	24.53
	23.0	21.9	302.7	29.72	296.9	28.13	291.2	26.54	288.3	25.87	282.5	25.20	276.8	23.85
	19.4	18.3	287.7	28.82	282.2	27.28	276.7	25.74	274.0	25.09	268.5	24.43	263.0	23.12
	14.0	13.1	265.9	27.48	260.9	26.02	255.8	24.55	253.3	23.93	248.2	23.30	243.1	22.04
	5.9	5.0	232.2	25.33	227.8	23.98	223.3	22.64	221.1	22.05	216.7	21.47	212.3	20.30
	-3.1	-4.0	189.3	22.14	185.7	20.96	182.1	19.79	180.3	19.27	176.7	18.76	173.1	17.73
	-9.0	-9.4	161.5	19.80	158.4	18.75	155.3	17.70	153.8	17.24	150.7	16.77	147.6	15.85
	-12.6	-13.0	142.9	18.14	140.2	17.18	137.4	16.22	136.1	15.80	133.4	15.37	130.6	14.51
	-17.3	-18.4	115.0	15.47	112.8	14.65	110.6	13.84	109.5	13.47	107.4	13.10	105.2	12.37
	-21.8	-22.0	96.4	13.54	94.6	12.82	92.8	12.11	91.9	11.79	90.0	11.46	88.2	10.82

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP4561FT6P-UL/MMY-UP4561FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	538.7	47.06	528.4	44.53	518.1	42.00	513.0	40.96	502.7	39.93	492.5	37.85
	55.4	53.2	538.7	47.66	528.4	45.10	518.1	42.55	513.0	41.49	502.7	40.44	492.5	38.33
	51.8	49.6	538.7	48.34	528.4	45.74	518.1	43.15	513.0	42.08	502.7	41.01	492.5	38.86
	48.2	46.2	538.7	49.01	528.4	46.39	518.1	43.76	513.0	42.67	502.7	41.58	492.5	39.40
	47.0	43.0	538.7	49.69	528.4	47.03	518.1	44.37	513.0	43.26	502.7	42.15	492.5	39.94
	41.0	39.4	538.7	50.50	528.4	47.79	518.1	45.09	513.0	43.96	502.7	42.83	492.5	40.57
	36.5	35.0	538.7	51.40	528.4	48.77	518.1	46.02	513.0	44.86	502.7	43.71	492.5	41.39
	32.0	30.7	511.9	49.96	502.1	47.29	492.4	44.62	487.5	43.49	477.8	42.37	468.0	40.12
	26.6	25.3	477.9	47.92	468.8	45.36	459.7	42.80	455.2	41.71	446.1	40.63	437.0	38.46
	23.0	21.9	456.5	46.60	447.8	44.11	439.1	41.62	434.7	40.56	426.0	39.51	417.3	37.39
	19.4	18.3	433.8	45.19	425.6	42.78	417.3	40.36	413.2	39.34	404.9	38.31	396.6	36.25
	14.0	13.1	401.0	43.09	393.4	40.80	385.7	38.50	381.9	37.52	374.3	36.53	366.7	34.56
	5.9	5.0	350.1	39.72	343.5	37.61	336.8	35.49	333.5	34.58	326.8	33.66	320.1	31.83
	-3.1	-4.0	285.5	34.71	280.0	32.87	274.6	31.03	271.9	30.22	266.5	29.41	261.0	27.80
	-9.0	-9.4	243.5	31.05	238.8	29.40	234.2	27.76	231.9	27.03	227.2	26.30	222.6	24.85
	-12.6	-13.0	215.5	28.45	211.4	26.94	207.3	25.44	205.2	24.77	201.1	24.10	197.0	22.76
	-17.3	-18.4	173.4	24.26	170.1	22.98	166.8	21.70	165.2	21.12	161.9	20.55	158.6	19.40
	-21.8	-22.0	145.4	21.23	142.7	20.11	139.9	18.99	138.5	18.48	135.7	17.98	133.0	16.97
110	59.0	56.7	549.4	47.28	539.0	44.74	528.5	42.20	523.3	41.16	512.8	40.11	502.3	38.02
	55.4	53.2	549.4	47.88	539.0	45.31	528.5	42.74	523.3	41.68	512.8	40.62	502.3	38.51
	51.8	49.6	549.4	48.56	539.0	45.96	528.5	43.35	523.3	42.27	512.8	41.20	502.3	39.04
	48.2	46.2	549.4	49.24	539.0	46.60	528.5	43.96	523.3	42.87	512.8	41.77	502.3	39.58
	47.0	43.0	549.4	49.93	539.0	47.25	528.5	44.58	523.3	43.46	512.8	42.35	502.3	40.12
	41.0	39.4	549.4	50.73	539.0	48.02	528.5	45.30	523.3	44.16	512.8	43.03	502.3	40.76
	36.5	35.0	549.4	51.64	539.0	49.00	528.5	46.23	523.3	45.07	512.8	43.91	502.3	41.59
	32.0	30.7	522.1	50.19	512.2	47.51	502.2	44.83	497.3	43.70	487.3	42.57	477.4	40.31
	26.6	25.3	487.5	48.14	478.2	45.57	468.9	43.00	464.3	41.91	455.0	40.82	445.7	38.64
	23.0	21.9	465.6	46.81	456.7	44.31	447.8	41.81	443.4	40.75	434.5	39.69	425.7	37.57
	19.4	18.3	442.5	45.40	434.1	42.97	425.6	40.55	421.4	39.52	413.0	38.49	404.6	36.42
	14.0	13.1	409.0	43.29	401.3	40.99	393.5	38.68	389.6	37.69	381.8	36.70	374.0	34.72
	5.9	5.0	357.1	39.90	350.3	37.78	343.5	35.66	340.1	34.74	333.3	33.82	326.5	31.98
	-3.1	-4.0	291.2	34.88	285.6	33.02	280.1	31.17	277.3	30.36	271.8	29.55	266.2	27.93
	-9.0	-9.4	248.3	31.19	243.6	29.54	238.9	27.89	236.5	27.15	231.8	26.42	227.1	24.96
	-12.6	-13.0	219.8	28.58	215.6	27.07	211.4	25.55	209.3	24.88	205.1	24.21	200.9	22.86
	-17.3	-18.4	176.9	24.37	173.5	23.08	170.2	21.80	168.5	21.22	165.1	20.64	161.8	19.49
	-21.8	-22.0	148.3	21.33	145.5	20.20	142.7	19.08	141.3	18.57	138.5	18.06	135.6	17.04
120	59.0	56.7	565.6	47.95	554.8	45.37	544.0	42.80	538.7	41.74	527.9	40.68	517.1	38.56
	55.4	53.2	565.6	48.56	554.8	45.96	544.0	43.35	538.7	42.27	527.9	41.20	517.1	39.05
	51.8	49.6	565.6	49.25	554.8	46.61	544.0	43.96	538.7	42.87	527.9	41.78	517.1	39.60
	48.2	46.2	565.6	49.94	554.8	47.26	544.0	44.58	538.7	43.47	527.9	42.36	517.1	40.14
	47.0	43.0	565.6	50.63	554.8	47.92	544.0	45.21	538.7	44.08	527.9	42.95	517.1	40.69
	41.0	39.4	565.6	51.45	554.8	48.69	544.0	45.94	538.7	44.79	527.9	43.64	517.1	41.34
	36.5	35.0	565.6	52.37	554.8	49.70	544.0	46.89	538.7	45.71	527.9	44.53	517.1	42.18
	32.0	30.7	537.5	50.90	527.2	48.18	517.0	45.46	511.9	44.31	501.6	43.17	491.4	40.88
	26.6	25.3	501.8	48.82	492.3	46.21	482.7	43.60	477.9	42.50	468.4	41.40	458.8	39.19
	23.0	21.9	479.3	47.48	470.1	44.94	461.0	42.41	456.5	41.33	447.3	40.25	438.2	38.10
	19.4	18.3	455.5	46.04	446.8	43.58	438.2	41.13	433.8	40.08	425.2	39.03	416.5	36.94
	14.0	13.1	421.1	43.91	413.1	41.57	405.0	39.23	401.0	38.22	393.0	37.22	385.0	35.21
	5.9	5.0	367.6	40.47	360.6	38.31	353.6	36.16	350.1	35.23	343.1	34.30	336.1	32.43
	-3.1	-4.0	299.8	35.37	294.0	33.49	288.3	31.61	285.5	30.79	279.8	29.97	274.1	28.32
	-9.0	-9.4	255.6	31.63	250.8	29.96	245.9	28.28	243.5	27.54	238.6	26.80	233.7	25.32
	-12.6	-13.0	226.2	28.98	221.9	27.45	217.6	25.92	215.5	25.23	211.2	24.55	206.8	23.19
	-17.3	-18.4	182.1	24.72	178.6	23.41	175.2	22.10	173.4	21.52	170.0	20.93	166.5	19.76
	-21.8	-22.0	152.7	21.63	149.8	20.49	146.9	19.35	145.4	18.83	142.5	18.32	139.6	17.29
130	59.0	56.7	579.0	48.37	568.0	45.77	557.0	43.17	551.5	42.11	540.4	41.04	529.4	38.90
	55.4	53.2	579.0	48.99	568.0	46.36	557.0	43.73	551.5	42.65	540.4	41.56	529.4	39.40
	51.8	49.6	579.0	49.68	568.0	47.02	557.0	44.35	551.5	43.25	540.4	42.15	529.4	39.95
	48.2	46.2	579.0	50.38	568.0	47.68	557.0	44.98	551.5	43.86	540.4	42.74	529.4	40.50
	47.0	43.0	579.0	51.08	568.0	48.34	557.0	45.61	551.5	44.47	540.4	43.33	529.4	41.05
	41.0	39.4	579.0	51.91	568.0	49.13	557.0	46.35	551.5	45.19	540.4	44.03	529.4	41.71
	36.5	35.0	579.0	52.83	568.0	50.14	557.0	47.30	551.5	46.11	540.4	44.92	529.4	42.55
	32.0	30.7	550.3	51.36	539.8	48.61	529.3	45.86	524.1	44.71	513.6	43.55	503.1	41.24
	26.6	25.3	513.8	49.25	504.0	46.62	494.2	43.99	489.3	42.88	479.5	41.76	469.8	39.54
	23.0	21.9	490.7	47.90	481.3	45.34	472.0	42.78	467.3	41.70	458.0	40.61	448.6	38.44
	19.4	18.3	466.4	46.45	457.5	43.97	448.6	41.49	444.2	40.43	435.3	39.38	426.4	37.26
	14.0	13.1	431.1	44.30	422.9	41.94	414.7	39.57	410.6	38.56	402.4	37.55	394.2	35.52
	5.9	5.0	376.4	40.83	369.2	38.65	362.0	36.48	358.5	35.54	351.3	34.60	344.1	32.72
	-3.1	-4.0	306.9	35.68	301.1	33.79	295.2	31.89	292.3	31.06	286.4	30.23	280.6	28.57
	-9.0	-9.4	261.7	31.91	256.7	30.22	251.8	28.53	249.3	27.78	244.3	27.04	239.3	25.54
	-12.6	-13.0	231.6	29.24	227.2	27.69	222.8	26.15	220.6	25.46	216.2	24.77	211.8	23.39
	-17.3	-18.4	186.5	24.94	182.9	23.62	179.4	22.30	177.6	21.71	174.0	21.12	170.5	19.94
	-21.8	-22.0	156.3	21.82	153.4	20.67	150.4	19.52	148.9	19.00	145.9	18.48	142.9	17.44

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	484.8	41.90	475.6	39.65	466.3	37.40	461.7	36.47	452.5	35.55	443.2	33.70
	55.4	53.2	484.8	42.44	475.6	40.16	466.3	37.88	461.7	36.94	452.5	36.00	443.2	34.12
	51.8	49.6	484.8	43.04	475.6	40.73	466.3	38.42	461.7	37.46	452.5	36.51	443.2	34.60
	48.2	46.2	484.8	43.64	475.6	41.30	466.3	38.96	461.7	37.99	452.5	37.02	443.2	35.08
	47.0	43.0	484.8	44.25	475.6	41.87	466.3	39.50	461.7	38.52	452.5	37.53	443.2	35.56
	41.0	39.4	484.8	44.96	475.6	42.55	466.3	40.14	461.7	39.14	452.5	38.13	443.2	36.13
	36.5	35.0	484.8	45.76	475.6	43.43	466.3	40.97	461.7	39.94	452.5	38.91	443.2	36.86
	32.0	30.7	460.7	44.48	451.9	42.10	443.1	39.73	438.8	38.72	430.0	37.72	421.2	35.72
	26.6	25.3	430.1	42.66	422.0	40.38	413.8	38.10	409.7	37.14	401.5	36.17	393.3	34.25
	23.0	21.9	410.8	41.49	403.0	39.27	395.2	37.06	391.2	36.12	383.4	35.18	375.6	33.29
	19.4	18.3	390.4	40.23	383.0	38.08	375.6	35.94	371.9	35.02	364.4	34.11	357.0	32.28
	14.0	13.1	360.9	38.37	354.0	36.32	347.2	34.28	343.7	33.40	336.9	32.52	330.0	30.77
	5.9	5.0	315.1	35.36	309.1	33.48	303.1	31.60	300.1	30.79	294.1	29.97	288.1	28.34
	-3.1	-4.0	256.9	30.91	252.0	29.27	247.1	27.63	244.7	26.91	239.8	26.19	234.9	24.75
	-9.0	-9.4	219.1	27.64	214.9	26.18	210.8	24.71	208.7	24.07	204.5	23.42	200.3	22.12
	-12.6	-13.0	193.9	25.33	190.2	23.99	186.5	22.65	184.7	22.05	181.0	21.45	177.3	20.26
	-17.3	-18.4	156.1	21.60	153.1	20.46	150.2	19.32	148.7	18.80	145.7	18.29	142.7	17.27
	-21.8	-22.0	130.9	18.90	128.4	17.90	125.9	16.91	124.7	16.46	122.2	16.01	119.7	15.11
80	59.0	56.7	430.9	36.85	422.7	34.87	414.5	32.89	410.4	32.08	402.2	31.26	394.0	29.64
	55.4	53.2	430.9	37.32	422.7	35.32	414.5	33.31	410.4	32.49	402.2	31.66	394.0	30.01
	51.8	49.6	430.9	37.85	422.7	35.82	414.5	33.79	410.4	32.95	402.2	32.11	394.0	30.43
	48.2	46.2	430.9	38.38	422.7	36.32	414.5	34.26	410.4	33.41	402.2	32.56	394.0	30.85
	47.0	43.0	430.9	38.91	422.7	36.83	414.5	34.74	410.4	33.87	402.2	33.01	394.0	31.27
	41.0	39.4	430.9	39.54	422.7	37.42	414.5	35.31	410.4	34.42	402.2	33.54	394.0	31.77
	36.5	35.0	430.9	40.25	422.7	38.19	414.5	36.03	410.4	35.13	402.2	34.22	394.0	32.41
	32.0	30.7	409.5	39.12	401.7	37.03	393.9	34.94	390.0	34.06	382.2	33.18	374.4	31.42
	26.6	25.3	382.4	37.52	375.1	35.51	367.8	33.51	364.1	32.66	356.9	31.81	349.6	30.12
	23.0	21.9	365.2	36.49	358.2	34.54	351.3	32.59	347.8	31.76	340.8	30.94	333.9	29.28
	19.4	18.3	347.1	35.38	340.5	33.49	333.8	31.61	330.5	30.80	323.9	30.00	317.3	28.39
	14.0	13.1	320.8	33.74	314.7	31.95	308.6	30.15	305.5	29.38	299.4	28.60	293.3	27.06
	5.9	5.0	280.1	31.10	274.8	29.45	269.4	27.79	266.8	27.07	261.4	26.36	256.1	24.92
	-3.1	-4.0	228.4	27.18	224.0	25.74	219.7	24.30	217.5	23.66	213.2	23.03	208.8	21.77
	-9.0	-9.4	194.8	24.31	191.1	23.02	187.4	21.73	185.5	21.16	181.8	20.59	178.1	19.46
	-12.6	-13.0	172.4	22.28	169.1	21.10	165.8	19.92	164.2	19.39	160.9	18.87	157.6	17.82
	-17.3	-18.4	138.8	19.00	136.1	17.99	133.5	16.99	132.1	16.54	129.5	16.09	126.9	15.19
	-21.8	-22.0	116.3	16.62	114.1	15.74	111.9	14.87	110.8	14.47	108.6	14.08	106.4	13.28
70	59.0	56.7	377.1	31.90	369.9	30.19	362.7	28.48	359.1	27.77	351.9	27.07	344.7	25.66
	55.4	53.2	377.1	32.31	369.9	30.58	362.7	28.84	359.1	28.13	351.9	27.41	344.7	25.98
	51.8	49.6	377.1	32.77	369.9	31.01	362.7	29.25	359.1	28.53	351.9	27.80	344.7	26.35
	48.2	46.2	377.1	33.23	369.9	31.45	362.7	29.67	359.1	28.93	351.9	28.19	344.7	26.71
	47.0	43.0	377.1	33.69	369.9	31.88	362.7	30.08	359.1	29.32	351.9	28.58	344.7	27.08
	41.0	39.4	377.1	34.23	369.9	32.40	362.7	30.57	359.1	29.80	351.9	29.04	344.7	27.51
	36.5	35.0	377.1	34.85	369.9	33.07	362.7	31.20	359.1	30.41	351.9	29.63	344.7	28.06
	32.0	30.7	358.3	33.87	351.5	32.06	344.7	30.25	341.3	29.49	334.4	28.72	327.6	27.20
	26.6	25.3	334.6	32.48	328.2	30.75	321.8	29.01	318.6	28.28	312.3	27.54	305.9	26.08
	23.0	21.9	319.5	31.59	313.4	29.90	307.3	28.22	304.3	27.50	298.2	26.78	292.1	25.35
	19.4	18.3	303.7	30.63	297.9	29.00	292.1	27.36	289.2	26.67	283.4	25.97	277.7	24.58
	14.0	13.1	280.7	29.22	275.4	27.66	270.0	26.10	267.3	25.43	262.0	24.77	256.7	23.43
	5.9	5.0	245.1	26.93	240.4	25.49	235.7	24.06	233.4	23.44	228.7	22.82	224.1	21.58
	-3.1	-4.0	199.8	23.53	196.0	22.29	192.2	21.04	190.3	20.49	186.5	19.94	182.7	18.84
	-9.0	-9.4	170.4	21.05	167.2	19.93	163.9	18.82	162.3	18.32	159.1	17.83	155.8	16.85
	-12.6	-13.0	150.8	19.29	147.9	18.27	145.1	17.24	143.6	16.79	140.8	16.34	137.9	15.43
	-17.3	-18.4	121.4	16.45	119.1	15.58	116.8	14.71	115.6	14.32	113.3	13.93	111.0	13.15
	-21.8	-22.0	101.8	14.39	99.9	13.63	97.9	12.87	97.0	12.53	95.0	12.19	93.1	11.50

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4801FT6P-UL/MMY-UP4801FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	567.0	50.39	556.2	47.68	545.4	44.97	540.0	43.86	529.2	42.75	518.4	40.53
	55.4	53.2	567.0	51.03	556.2	48.29	545.4	45.56	540.0	44.43	529.2	43.30	518.4	41.04
	51.8	49.6	567.0	51.75	556.2	48.98	545.4	46.20	540.0	45.05	529.2	43.91	518.4	41.61
	48.2	46.2	567.0	52.48	556.2	49.67	545.4	46.85	540.0	45.69	529.2	44.52	518.4	42.19
	47.0	43.0	567.0	52.55	556.2	50.36	545.4	47.51	540.0	46.32	529.2	45.13	518.4	42.76
	41.0	39.4	567.0	52.55	556.2	51.17	545.4	48.28	540.0	47.07	529.2	45.86	518.4	43.44
	36.5	35.0	567.0	52.55	556.2	52.22	545.4	49.27	540.0	48.03	529.2	46.80	518.4	44.32
	32.0	30.7	538.8	52.55	528.6	50.63	518.3	47.77	513.2	46.57	502.9	45.37	492.6	42.96
	26.6	25.3	503.1	51.30	493.5	48.56	483.9	45.82	479.1	44.66	469.6	43.50	460.0	41.18
	23.0	21.9	480.5	49.89	471.3	47.23	462.2	44.57	457.6	43.43	448.4	42.30	439.3	40.04
	19.4	18.3	456.7	48.38	448.0	45.80	439.3	43.22	434.9	42.12	426.2	41.02	417.5	38.82
	14.0	13.1	422.1	46.14	414.1	43.68	406.1	41.22	402.0	40.17	394.0	39.11	385.9	37.00
	5.9	5.0	368.6	42.53	361.5	40.26	354.5	38.00	351.0	37.02	344.0	36.04	337.0	34.08
	-3.1	-4.0	300.5	37.17	294.8	35.20	289.1	33.22	286.2	32.36	280.5	31.49	274.8	29.76
	-9.0	-9.4	256.3	33.24	251.4	31.48	246.5	29.72	244.1	28.94	239.2	28.16	234.3	26.60
	-12.6	-13.0	226.8	30.46	222.5	28.85	218.2	27.23	216.0	26.52	211.7	25.80	207.4	24.37
	-17.3	-18.4	182.6	25.98	179.1	24.60	175.6	23.23	173.9	22.61	170.4	22.00	166.9	20.77
	-21.8	-22.0	153.1	22.73	150.2	21.53	147.3	20.33	145.8	19.79	142.9	19.25	140.0	18.17
110	59.0	56.7	578.3	50.62	567.3	47.90	556.3	45.18	550.8	44.07	539.8	42.95	528.8	40.71
	55.4	53.2	578.3	51.27	567.3	48.52	556.3	45.77	550.8	44.63	539.8	43.50	528.8	41.23
	51.8	49.6	578.3	52.00	567.3	49.21	556.3	46.42	550.8	45.26	539.8	44.11	528.8	41.80
	48.2	46.2	578.3	52.73	567.3	49.90	556.3	47.07	550.8	45.90	539.8	44.73	528.8	42.38
	47.0	43.0	578.3	52.79	567.3	50.59	556.3	47.73	550.8	46.54	539.8	45.34	528.8	42.96
	41.0	39.4	578.3	52.79	567.3	51.41	556.3	48.50	550.8	47.29	539.8	46.07	528.8	43.65
	36.5	35.0	578.3	52.79	567.3	52.47	556.3	49.50	550.8	48.26	539.8	47.01	528.8	44.53
	32.0	30.7	549.6	52.79	539.1	50.87	528.7	48.00	523.4	46.79	513.0	45.58	502.5	43.16
	26.6	25.3	513.2	51.54	503.4	48.79	493.6	46.04	488.7	44.87	479.0	43.71	469.2	41.38
	23.0	21.9	490.1	50.12	480.8	47.45	471.4	44.77	466.7	43.64	457.4	42.50	448.1	40.23
	19.4	18.3	465.8	48.61	456.9	46.01	448.1	43.42	443.6	42.31	434.7	41.21	425.9	39.00
	14.0	13.1	430.6	46.36	422.4	43.89	414.2	41.42	410.1	40.36	401.9	39.30	393.7	37.18
	5.9	5.0	375.9	42.72	368.8	40.45	361.6	38.18	358.0	37.19	350.9	36.21	343.7	34.24
	-3.1	-4.0	306.5	37.34	300.7	35.36	294.8	33.38	291.9	32.51	286.1	31.64	280.2	29.90
	-9.0	-9.4	261.4	33.40	256.4	31.63	251.5	29.86	249.0	29.08	244.0	28.29	239.0	26.73
	-12.6	-13.0	231.3	30.60	226.9	28.98	222.5	27.36	220.3	26.64	215.9	25.92	211.5	24.48
	-17.3	-18.4	186.2	26.10	182.7	24.72	179.1	23.34	177.4	22.72	173.8	22.10	170.3	20.86
	-21.8	-22.0	156.2	22.84	153.2	21.63	150.2	20.42	148.7	19.88	145.7	19.34	142.8	18.25
120	59.0	56.7	595.4	51.34	584.0	48.58	572.7	45.82	567.0	44.69	555.7	43.56	544.3	41.29
	55.4	53.2	595.4	52.00	584.0	49.21	572.7	46.41	567.0	45.26	555.7	44.11	544.3	41.81
	51.8	49.6	595.4	52.73	584.0	49.90	572.7	47.07	567.0	45.90	555.7	44.73	544.3	42.40
	48.2	46.2	595.4	53.47	584.0	50.60	572.7	47.74	567.0	46.55	555.7	45.36	544.3	42.98
	47.0	43.0	595.4	53.54	584.0	51.31	572.7	48.40	567.0	47.19	555.7	45.99	544.3	43.57
	41.0	39.4	595.4	53.54	584.0	52.14	572.7	49.19	567.0	47.96	555.7	46.73	544.3	44.26
	36.5	35.0	595.4	53.54	584.0	53.21	572.7	50.20	567.0	48.94	555.7	47.68	544.3	45.16
	32.0	30.7	565.8	53.54	555.0	51.59	544.2	48.68	538.8	47.45	528.0	46.22	517.3	43.77
	26.6	25.3	528.3	52.27	518.2	49.48	508.1	46.69	503.1	45.51	493.0	44.32	483.0	41.96
	23.0	21.9	504.5	50.83	494.9	48.12	485.3	45.41	480.5	44.25	470.9	43.10	461.3	40.80
	19.4	18.3	479.5	49.29	470.4	46.66	461.2	44.04	456.7	42.91	447.5	41.79	438.4	39.55
	14.0	13.1	443.2	47.01	434.8	44.51	426.4	42.00	422.1	40.93	413.7	39.85	405.2	37.70
	5.9	5.0	387.0	43.33	379.6	41.02	372.2	38.72	368.6	37.72	361.2	36.72	353.8	34.72
	-3.1	-4.0	315.5	37.87	309.5	35.86	303.5	33.85	300.5	32.97	294.5	32.09	288.5	30.32
	-9.0	-9.4	269.1	33.87	264.0	32.08	258.8	30.28	256.3	29.49	251.2	28.69	246.0	27.11
	-12.6	-13.0	238.1	31.03	233.6	29.39	229.1	27.75	226.8	27.02	222.3	26.29	217.7	24.83
	-17.3	-18.4	191.7	26.47	188.1	25.07	184.4	23.67	182.6	23.04	178.9	22.41	175.3	21.16
	-21.8	-22.0	160.7	23.16	157.7	21.94	154.6	20.71	153.1	20.16	150.0	19.61	147.0	18.51
130	59.0	56.7	609.5	51.79	597.9	49.01	586.3	46.23	580.5	45.09	568.9	43.94	557.3	41.66
	55.4	53.2	609.5	52.46	597.9	49.64	586.3	46.83	580.5	45.67	568.9	44.50	557.3	42.18
	51.8	49.6	609.5	53.20	597.9	50.34	586.3	47.49	580.5	46.31	568.9	45.13	557.3	42.77
	48.2	46.2	609.5	53.95	597.9	51.05	586.3	48.16	580.5	46.96	568.9	45.76	557.3	43.36
	47.0	43.0	609.5	54.02	597.9	51.76	586.3	48.83	580.5	47.61	568.9	46.39	557.3	43.96
	41.0	39.4	609.5	54.02	597.9	52.60	586.3	49.62	580.5	48.38	568.9	47.14	557.3	44.66
	36.5	35.0	609.5	54.02	597.9	53.68	586.3	50.65	580.5	49.37	568.9	48.10	557.3	45.56
	32.0	30.7	579.2	54.02	568.2	52.05	557.2	49.11	551.6	47.87	540.6	46.63	529.6	44.16
	26.6	25.3	540.8	52.74	530.5	49.92	520.2	47.10	515.1	45.91	504.8	44.72	494.5	42.33
	23.0	21.9	516.5	51.28	506.7	48.55	496.8	45.81	491.9	44.65	482.1	43.48	472.2	41.16
	19.4	18.3	490.9	49.73	481.6	47.08	472.2	44.42	467.5	43.29	458.2	42.16	448.8	39.90
	14.0	13.1	453.8	47.43	445.1	44.90	436.5	42.37	432.2	41.29	423.5	40.21	414.9	38.04
	5.9	5.0	396.2	43.71	388.6	41.39	381.1	39.06	377.3	38.06	369.8	37.05	362.2	35.03
	-3.1	-4.0	323.0	38.21	316.9	36.18	310.7	34.15	307.7	33.26	301.5	32.37	295.4	30.59
	-9.0	-9.4	275.5	34.17	270.3	32.36	265.0	30.55	262.4	29.75	257.1	28.95	251.9	27.35
	-12.6	-13.0	243.8	31.31	239.2	29.65	234.5	27.99	232.2	27.26	227.6	26.52	222.9	25.05
	-17.3	-18.4	196.3	26.70	192.5	25.29	188.8	23.88	186.9	23.24	183.2	22.61	179.4	21.35
	-21.8	-22.0	164.6	23.36	161.4	22.13	158.3	20.90	156.7	20.34	153.6	19.78	150.5	18.67

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	510.3	44.86	500.6	42.45	490.9	40.04	486.0	39.05	476.3	38.06	466.6	36.08
	55.4	53.2	510.3	45.44	500.6	43.00	490.9	40.56	486.0	39.55	476.3	38.55	466.6	36.54
	51.8	49.6	510.3	46.08	500.6	43.61	490.9	41.14	486.0	40.11	476.3	39.09	466.6	37.05
	48.2	46.2	510.3	46.73	500.6	44.22	490.9	41.72	486.0	40.68	476.3	39.64	466.6	37.56
	47.0	43.0	510.3	46.79	500.6	44.84	490.9	42.30	486.0	41.24	476.3	40.19	466.6	38.07
	41.0	39.4	510.3	46.79	500.6	45.56	490.9	42.98	486.0	41.91	476.3	40.83	466.6	38.68
	36.5	35.0	510.3	46.79	500.6	46.50	490.9	43.87	486.0	42.77	476.3	41.67	466.6	39.46
	32.0	30.7	484.9	46.79	475.7	45.08	466.5	42.54	461.8	41.46	452.6	40.39	443.4	38.25
	26.6	25.3	452.8	45.68	444.2	43.24	435.5	40.80	431.2	39.77	422.6	38.73	414.0	36.67
	23.0	21.9	432.4	44.42	424.2	42.05	416.0	39.68	411.8	38.67	403.6	37.66	395.4	35.65
	19.4	18.3	411.0	43.08	403.2	40.78	395.3	38.48	391.4	37.50	383.6	36.52	375.8	34.56
	14.0	13.1	379.9	41.08	372.7	38.89	365.4	36.70	361.8	35.76	354.6	34.83	347.4	32.95
	5.9	5.0	331.7	37.86	325.4	35.85	319.1	33.84	315.9	32.96	309.6	32.09	303.3	30.34
	-3.1	-4.0	270.5	33.09	265.3	31.34	260.2	29.58	257.6	28.81	252.4	28.04	247.3	26.50
	-9.0	-9.4	230.7	29.60	226.3	28.03	221.9	26.46	219.7	25.77	215.3	25.07	210.9	23.69
	-12.6	-13.0	204.1	27.12	200.2	25.68	196.3	24.25	194.4	23.61	190.5	22.97	186.6	21.70
	-17.3	-18.4	164.3	23.13	161.2	21.90	158.1	20.68	156.5	20.13	153.4	19.59	150.2	18.49
	-21.8	-22.0	137.8	20.24	135.2	19.17	132.5	18.10	131.2	17.62	128.6	17.14	126.0	16.17
80	59.0	56.7	453.6	39.45	445.0	37.33	436.3	35.22	432.0	34.34	423.4	33.47	414.7	31.73
	55.4	53.2	453.6	39.96	445.0	37.82	436.3	35.67	432.0	34.79	423.4	33.90	414.7	32.13
	51.8	49.6	453.6	40.52	445.0	38.35	436.3	36.18	432.0	35.28	423.4	34.38	414.7	32.58
	48.2	46.2	453.6	41.09	445.0	38.89	436.3	36.69	432.0	35.77	423.4	34.86	414.7	33.03
	47.0	43.0	453.6	41.15	445.0	39.43	436.3	37.20	432.0	36.27	423.4	35.34	414.7	33.48
	41.0	39.4	453.6	41.15	445.0	40.07	436.3	37.80	432.0	36.86	423.4	35.91	414.7	34.02
	36.5	35.0	453.6	41.15	445.0	40.89	436.3	38.58	432.0	37.61	423.4	36.64	414.7	34.70
	32.0	30.7	431.1	41.15	422.8	39.65	414.6	37.41	410.5	36.47	402.3	35.52	394.1	33.64
	26.6	25.3	402.5	40.17	394.8	38.03	387.1	35.88	383.3	34.97	375.6	34.06	368.0	32.25
	23.0	21.9	384.4	39.07	377.1	36.98	369.7	34.90	366.1	34.01	358.8	33.12	351.4	31.35
	19.4	18.3	365.3	37.88	358.4	35.86	351.4	33.84	347.9	32.98	341.0	32.12	334.0	30.39
	14.0	13.1	337.7	36.13	331.3	34.20	324.8	32.28	321.6	31.45	315.2	30.63	308.8	28.98
	5.9	5.0	294.8	33.30	289.2	31.53	283.6	29.76	280.8	28.99	275.2	28.22	269.6	26.69
	-3.1	-4.0	240.4	29.10	235.8	27.56	231.2	26.01	229.0	25.34	224.4	24.66	219.8	23.31
	-9.0	-9.4	205.0	26.03	201.1	24.65	197.2	23.27	195.3	22.66	191.4	22.05	187.5	20.83
	-12.6	-13.0	181.4	23.85	178.0	22.59	174.5	21.33	172.8	20.76	169.3	20.20	165.9	19.08
	-17.3	-18.4	146.1	20.34	143.3	19.26	140.5	18.19	139.1	17.71	136.3	17.23	133.5	16.26
	-21.8	-22.0	122.5	17.80	120.1	16.86	117.8	15.92	116.6	15.50	114.3	15.07	112.0	14.22
70	59.0	56.7	396.9	34.16	389.3	32.32	381.8	30.49	378.0	29.74	370.4	28.98	362.9	27.47
	55.4	53.2	396.9	34.60	389.3	32.74	381.8	30.88	378.0	30.12	370.4	29.35	362.9	27.82
	51.8	49.6	396.9	35.09	389.3	33.20	381.8	31.32	378.0	30.54	370.4	29.77	362.9	28.21
	48.2	46.2	396.9	35.58	389.3	33.67	381.8	31.76	378.0	30.97	370.4	30.18	362.9	28.60
	47.0	43.0	396.9	35.63	389.3	34.14	381.8	32.21	378.0	31.40	370.4	30.60	362.9	28.99
	41.0	39.4	396.9	35.63	389.3	34.69	381.8	32.73	378.0	31.91	370.4	31.09	362.9	29.45
	36.5	35.0	396.9	35.63	389.3	35.41	381.8	33.40	378.0	32.56	370.4	31.73	362.9	30.05
	32.0	30.7	377.2	35.63	370.0	34.33	362.8	32.39	359.2	31.57	352.0	30.76	344.8	29.12
	26.6	25.3	352.2	34.78	345.5	32.92	338.8	31.07	335.4	30.28	328.7	29.49	322.0	27.92
	23.0	21.9	336.3	33.82	329.9	32.02	323.5	30.21	320.3	29.45	313.9	28.68	307.5	27.14
	19.4	18.3	319.7	32.80	313.6	31.05	307.5	29.30	304.4	28.55	298.4	27.81	292.3	26.32
	14.0	13.1	295.5	31.28	289.9	29.61	284.2	27.95	281.4	27.23	275.8	26.52	270.2	25.09
	5.9	5.0	258.0	28.83	253.1	27.30	248.2	25.76	245.7	25.10	240.8	24.43	235.9	23.11
	-3.1	-4.0	210.4	25.20	206.4	23.86	202.3	22.52	200.3	21.94	196.3	21.35	192.3	20.18
	-9.0	-9.4	179.4	22.54	176.0	21.34	172.6	20.15	170.9	19.62	167.4	19.09	164.0	18.04
	-12.6	-13.0	158.8	20.65	155.7	19.56	152.7	18.46	151.2	17.98	148.2	17.49	145.2	16.52
	-17.3	-18.4	127.8	17.61	125.4	16.68	122.9	15.75	121.7	15.33	119.3	14.91	116.8	14.08
	-21.8	-22.0	107.2	15.41	105.1	14.60	103.1	13.78	102.1	13.42	100.0	13.05	98.0	12.32

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP5041FT6P-UL/MMY-UP5041FT9P-UL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	595.4	53.63	584.0	50.94	572.7	48.05	567.0	46.86	555.7	45.67	544.3	43.30
	55.4	53.2	595.4	53.64	584.0	51.31	572.7	48.67	567.0	47.46	555.7	46.26	544.3	43.84
	51.8	49.6	595.4	53.65	584.0	51.68	572.7	49.36	567.0	48.13	555.7	46.91	544.3	44.46
	48.2	46.2	595.4	53.66	584.0	52.04	572.7	50.06	567.0	48.81	555.7	47.56	544.3	45.07
	47.0	43.0	595.4	53.70	584.0	52.17	572.7	50.75	567.0	49.49	555.7	48.22	544.3	45.69
	41.0	39.4	595.4	53.70	584.0	52.78	572.7	51.58	567.0	50.29	555.7	49.00	544.3	46.41
	36.5	35.0	595.4	53.70	584.0	53.15	572.7	52.64	567.0	51.32	555.7	50.00	544.3	47.35
	32.0	30.7	565.8	53.70	555.0	53.70	544.2	51.04	538.8	49.75	528.0	48.47	517.3	45.90
	26.6	25.3	528.3	53.70	518.2	51.88	508.1	48.96	503.1	47.72	493.0	46.48	483.0	44.00
	23.0	21.9	504.5	53.30	494.9	50.46	485.3	47.61	480.5	46.40	470.9	45.19	461.3	42.78
	19.4	18.3	479.5	51.69	470.4	48.93	461.2	46.17	456.7	45.00	447.5	43.82	438.4	41.47
	14.0	13.1	443.2	49.30	434.8	46.67	426.4	44.04	422.1	42.92	413.7	41.79	405.2	39.53
	5.9	5.0	387.0	45.43	379.6	43.02	372.2	40.60	368.6	39.55	361.2	38.51	353.8	36.41
	-3.1	-4.0	315.5	39.71	309.5	37.60	303.5	35.50	300.5	34.57	294.5	33.65	288.5	31.80
	-9.0	-9.4	269.1	35.52	264.0	33.63	258.8	31.75	256.3	30.92	251.2	30.09	246.0	28.42
	-12.6	-13.0	238.1	32.54	233.6	30.82	229.1	29.10	226.8	28.33	222.3	27.57	217.7	26.03
	-17.3	-18.4	191.7	27.75	188.1	26.28	184.4	24.82	182.6	24.16	178.9	23.50	175.3	22.19
	-21.8	-22.0	160.7	24.28	157.7	23.00	154.6	21.72	153.1	21.14	150.0	20.56	147.0	19.41
110	59.0	56.7	607.3	53.88	595.7	51.18	584.1	48.27	578.3	47.08	566.8	45.89	555.2	43.50
	55.4	53.2	607.3	53.89	595.7	51.55	584.1	48.90	578.3	47.68	566.8	46.47	555.2	44.05
	51.8	49.6	607.3	53.90	595.7	51.92	584.1	49.59	578.3	48.36	566.8	47.13	555.2	44.66
	48.2	46.2	607.3	53.91	595.7	52.29	584.1	50.29	578.3	49.04	566.8	47.78	555.2	45.28
	47.0	43.0	607.3	53.95	595.7	52.42	584.1	50.99	578.3	49.72	566.8	48.45	555.2	45.90
	41.0	39.4	607.3	53.95	595.7	53.03	584.1	51.82	578.3	50.52	566.8	49.22	555.2	46.63
	36.5	35.0	607.3	53.95	595.7	53.40	584.1	52.88	578.3	51.56	566.8	50.23	555.2	47.57
	32.0	30.7	577.1	53.95	566.1	53.95	555.1	51.28	549.6	49.99	538.6	48.69	527.6	46.11
	26.6	25.3	538.8	53.95	528.6	52.13	518.3	49.18	513.2	47.94	502.9	46.69	492.6	44.20
	23.0	21.9	514.6	53.55	504.8	50.69	495.0	47.83	490.1	46.62	480.3	45.40	470.5	42.98
	19.4	18.3	489.1	51.93	479.8	49.16	470.5	46.39	465.8	45.21	456.5	44.03	447.2	41.66
	14.0	13.1	452.1	49.53	443.5	46.89	434.9	44.25	430.6	43.12	422.0	41.98	413.4	39.72
	5.9	5.0	394.7	45.65	387.2	43.22	379.7	40.79	375.9	39.74	368.4	38.69	360.9	36.58
	-3.1	-4.0	321.8	39.90	315.7	37.78	309.6	35.66	306.5	34.73	300.4	33.80	294.3	31.95
	-9.0	-9.4	274.5	35.68	269.3	33.79	264.0	31.90	261.4	31.06	256.2	30.23	251.0	28.56
	-12.6	-13.0	242.9	32.69	238.3	30.96	233.6	29.23	231.3	28.46	226.7	27.69	222.1	26.16
	-17.3	-18.4	195.5	27.88	191.8	26.41	188.1	24.93	186.2	24.27	182.5	23.61	178.8	22.29
	-21.8	-22.0	164.0	24.40	160.8	23.11	157.7	21.82	156.2	21.24	153.0	20.66	149.9	19.50
120	59.0	56.7	625.1	54.64	613.2	51.90	601.3	48.96	595.4	47.74	583.4	46.53	571.5	44.11
	55.4	53.2	625.1	54.65	613.2	52.28	601.3	49.59	595.4	48.36	583.4	47.13	571.5	44.67
	51.8	49.6	625.1	54.67	613.2	52.65	601.3	50.29	595.4	49.04	583.4	47.79	571.5	45.29
	48.2	46.2	625.1	54.68	613.2	53.03	601.3	51.00	595.4	49.73	583.4	48.46	571.5	45.92
	47.0	43.0	625.1	54.71	613.2	53.16	601.3	51.71	595.4	50.42	583.4	49.13	571.5	46.55
	41.0	39.4	625.1	54.71	613.2	53.78	601.3	52.55	595.4	51.24	583.4	49.92	571.5	47.29
	36.5	35.0	625.1	54.71	613.2	54.15	601.3	53.63	595.4	52.29	583.4	50.94	571.5	48.25
	32.0	30.7	594.0	54.71	582.7	54.71	571.4	52.00	565.8	50.69	554.4	49.38	543.1	46.76
	26.6	25.3	554.7	54.71	544.1	52.86	533.5	49.88	528.3	48.62	517.7	47.35	507.1	44.83
	23.0	21.9	529.7	54.31	519.6	51.41	509.5	48.51	504.5	47.28	494.4	46.05	484.3	43.58
	19.4	18.3	503.5	52.66	493.9	49.86	484.3	47.05	479.5	45.85	469.9	44.65	460.3	42.25
	14.0	13.1	465.4	50.23	456.5	47.55	447.7	44.87	443.2	43.73	434.4	42.58	425.5	40.28
	5.9	5.0	406.3	46.29	398.6	43.83	390.8	41.37	387.0	40.30	379.2	39.23	371.5	37.10
	-3.1	-4.0	331.3	40.46	325.0	38.31	318.7	36.17	315.5	35.22	309.2	34.28	302.9	32.40
	-9.0	-9.4	282.6	36.19	277.2	34.27	271.8	32.35	269.1	31.50	263.7	30.66	258.3	28.96
	-12.6	-13.0	250.0	33.16	245.3	31.40	240.5	29.65	238.1	28.87	233.4	28.09	228.6	26.53
	-17.3	-18.4	201.3	28.27	197.5	26.78	193.6	25.29	191.7	24.62	187.9	23.95	184.0	22.61
	-21.8	-22.0	168.8	24.74	165.6	23.44	162.4	22.13	160.7	21.54	157.5	20.95	154.3	19.77
130	59.0	56.7	640.0	55.13	627.8	52.36	615.6	49.39	609.5	48.17	597.3	46.95	585.1	44.50
	55.4	53.2	640.0	55.14	627.8	52.74	615.6	50.03	609.5	48.79	597.3	47.55	585.1	45.07
	51.8	49.6	640.0	55.15	627.8	53.12	615.6	50.74	609.5	49.48	597.3	48.22	585.1	45.70
	48.2	46.2	640.0	55.16	627.8	53.50	615.6	51.45	609.5	50.17	597.3	48.89	585.1	46.33
	47.0	43.0	640.0	55.20	627.8	53.63	615.6	52.17	609.5	50.87	597.3	49.57	585.1	46.96
	41.0	39.4	640.0	55.20	627.8	54.25	615.6	53.02	609.5	51.69	597.3	50.36	585.1	47.71
	36.5	35.0	640.0	55.20	627.8	54.63	615.6	54.11	609.5	52.75	597.3	51.39	585.1	48.67
	32.0	30.7	608.2	55.20	596.6	55.20	585.0	52.46	579.2	51.14	567.6	49.82	556.1	47.18
	26.6	25.3	567.9	55.20	557.1	53.33	546.2	50.32	540.8	49.05	530.0	47.77	519.2	45.23
	23.0	21.9	542.3	54.79	532.0	51.86	521.7	48.94	516.5	47.70	506.2	46.45	495.9	43.97
	19.4	18.3	515.5	53.13	505.6	50.30	495.8	47.46	490.9	46.25	481.1	45.04	471.3	42.63
	14.0	13.1	476.5	50.67	467.4	47.97	458.3	45.27	453.8	44.11	444.7	42.95	435.6	40.64
	5.9	5.0	416.0	46.70	408.1	44.22	400.2	41.73	396.2	40.66	388.3	39.58	380.3	37.43
	-3.1	-4.0	339.2	40.82	332.7	38.65	326.3	36.49	323.0	35.54	316.6	34.59	310.1	32.68
	-9.0	-9.4	289.3	36.51	283.8	34.57	278.3	32.64	275.5	31.78	270.0	30.93	264.5	29.22
	-12.6	-13.0	256.0	33.45	251.1	31.68	246.2	29.91	243.8	29.12	238.9	28.33	234.1	26.76
	-17.3	-18.4	206.1	28.53	202.2	27.02	198.2	25.51	196.3	24.83	192.3	24.16	188.4	22.81
	-21.8	-22.0	172.8	24.96	169.5	23.64	166.2	22.33	164.6	21.73	161.3	21.14	158.0	19.95

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	535.8	47.75	525.6	45.35	515.4	42.78	510.3	41.72	500.1	40.66	489.9	38.55
	55.4	53.2	535.8	47.76	525.6	45.68	515.4	43.33	510.3	42.26	500.1	41.18	489.9	39.04
	51.8	49.6	535.8	47.77	525.6	46.01	515.4	43.95	510.3	42.86	500.1	41.76	489.9	39.58
	48.2	46.2	535.8	47.78	525.6	46.34	515.4	44.57	510.3	43.46	500.1	42.35	489.9	40.13
	47.0	43.0	535.8	47.81	525.6	46.45	515.4	45.19	510.3	44.06	500.1	42.93	489.9	40.68
	41.0	39.4	535.8	47.81	525.6	46.99	515.4	45.92	510.3	44.77	500.1	43.62	489.9	41.32
	36.5	35.0	535.8	47.81	525.6	47.32	515.4	46.87	510.3	45.69	500.1	44.51	489.9	42.16
	32.0	30.7	509.2	47.81	499.5	47.81	489.8	45.44	484.9	44.30	475.2	43.15	465.5	40.86
	26.6	25.3	475.4	47.81	466.4	46.19	457.3	43.59	452.8	42.48	443.7	41.38	434.7	39.17
	23.0	21.9	454.0	47.46	445.4	44.92	436.8	42.39	432.4	41.31	423.8	40.24	415.1	38.09
	19.4	18.3	431.5	46.02	423.3	43.57	415.1	41.11	411.0	40.06	402.8	39.02	394.6	36.92
	14.0	13.1	398.9	43.89	391.3	41.55	383.7	39.21	379.9	38.21	372.3	37.21	364.7	35.20
	5.9	5.0	348.3	40.45	341.6	38.30	335.0	36.15	331.7	35.22	325.1	34.28	318.4	32.42
	-3.1	-4.0	284.0	35.36	278.6	33.48	273.2	31.60	270.5	30.78	265.0	29.96	259.6	28.31
	-9.0	-9.4	242.2	31.62	237.6	29.95	233.0	28.27	230.7	27.53	226.0	26.79	221.4	25.31
	-12.6	-13.0	214.3	28.97	210.2	27.44	206.2	25.91	204.1	25.22	200.0	24.54	196.0	23.18
	-17.3	-18.4	172.5	24.71	169.2	23.40	166.0	22.10	164.3	21.51	161.0	20.93	157.7	19.75
	-21.8	-22.0	144.7	21.62	141.9	20.48	139.2	19.34	137.8	18.82	135.0	18.31	132.3	17.28
80	59.0	56.7	476.3	41.99	467.2	39.89	458.1	37.62	453.6	36.69	444.5	35.76	435.5	33.90
	55.4	53.2	476.3	42.00	467.2	40.17	458.1	38.11	453.6	37.16	444.5	36.22	435.5	34.33
	51.8	49.6	476.3	42.01	467.2	40.46	458.1	38.65	453.6	37.69	444.5	36.73	435.5	34.81
	48.2	46.2	476.3	42.02	467.2	40.75	458.1	39.20	453.6	38.22	444.5	37.24	435.5	35.29
	47.0	43.0	476.3	42.05	467.2	40.85	458.1	39.74	453.6	38.75	444.5	37.76	435.5	35.77
	41.0	39.4	476.3	42.05	467.2	41.33	458.1	40.39	453.6	39.38	444.5	38.36	435.5	36.34
	36.5	35.0	476.3	42.05	467.2	41.62	458.1	41.22	453.6	40.18	444.5	39.15	435.5	37.08
	32.0	30.7	452.6	42.05	444.0	42.05	435.4	39.97	431.1	38.96	422.4	37.95	413.8	35.94
	26.6	25.3	422.6	42.05	414.6	40.63	406.5	38.33	402.5	37.36	394.4	36.39	386.4	34.45
	23.0	21.9	403.6	41.74	395.9	39.51	388.2	37.28	384.4	36.33	376.7	35.39	369.0	33.50
	19.4	18.3	383.6	40.47	376.3	38.31	369.0	36.16	365.3	35.23	358.0	34.31	350.7	32.47
	14.0	13.1	354.6	38.60	347.8	36.54	341.1	34.49	337.7	33.60	331.0	32.72	324.2	30.96
	5.9	5.0	309.6	35.58	303.7	33.68	297.8	31.79	294.8	30.97	288.9	30.15	283.0	28.51
	-3.1	-4.0	252.4	31.09	247.6	29.44	242.8	27.79	240.4	27.07	235.6	26.35	230.8	24.90
	-9.0	-9.4	215.3	27.81	211.2	26.34	207.1	24.86	205.0	24.21	200.9	23.56	196.8	22.26
	-12.6	-13.0	190.5	25.48	186.9	24.13	183.3	22.78	181.4	22.18	177.8	21.58	174.2	20.39
	-17.3	-18.4	153.4	21.73	150.4	20.58	147.5	19.43	146.1	18.92	143.1	18.40	140.2	17.37
	-21.8	-22.0	128.6	19.01	126.1	18.01	123.7	17.01	122.5	16.55	120.0	16.10	117.6	15.20
70	59.0	56.7	416.7	36.36	408.8	34.53	400.9	32.57	396.9	31.77	389.0	30.96	381.0	29.35
	55.4	53.2	416.7	36.37	408.8	34.78	400.9	33.00	396.9	32.18	389.0	31.36	381.0	29.72
	51.8	49.6	416.7	36.37	408.8	35.03	400.9	33.46	396.9	32.63	389.0	31.80	381.0	30.14
	48.2	46.2	416.7	36.38	408.8	35.28	400.9	33.94	396.9	33.09	389.0	32.25	381.0	30.55
	47.0	43.0	416.7	36.41	408.8	35.37	400.9	34.41	396.9	33.55	389.0	32.69	381.0	30.97
	41.0	39.4	416.7	36.41	408.8	35.78	400.9	34.97	396.9	34.09	389.0	33.22	381.0	31.47
	36.5	35.0	416.7	36.41	408.8	36.03	400.9	35.69	396.9	34.79	389.0	33.89	381.0	32.10
	32.0	30.7	396.0	36.41	388.5	36.41	380.9	34.60	377.2	33.73	369.6	32.86	362.1	31.11
	26.6	25.3	369.8	36.41	362.7	35.17	355.7	33.19	352.2	32.35	345.1	31.51	338.1	29.83
	23.0	21.9	353.1	36.14	346.4	34.21	339.7	32.28	336.3	31.46	329.6	30.64	322.9	29.00
	19.4	18.3	335.6	35.04	329.3	33.17	322.9	31.30	319.7	30.51	313.3	29.71	306.9	28.11
	14.0	13.1	310.3	33.42	304.4	31.64	298.4	29.86	295.5	29.09	289.6	28.33	283.7	26.80
	5.9	5.0	270.9	30.80	265.7	29.16	260.6	27.53	258.0	26.82	252.8	26.11	247.7	24.69
	-3.1	-4.0	220.9	26.92	216.7	25.49	212.5	24.06	210.4	23.44	206.1	22.81	201.9	21.56
	-9.0	-9.4	188.4	24.08	184.8	22.80	181.2	21.53	179.4	20.96	175.8	20.40	172.2	19.27
	-12.6	-13.0	166.7	22.06	163.5	20.89	160.3	19.73	158.8	19.21	155.6	18.69	152.4	17.65
	-17.3	-18.4	134.2	18.81	131.6	17.82	129.1	16.82	127.8	16.38	125.2	15.93	122.7	15.04
	-21.8	-22.0	112.5	16.46	110.4	15.59	108.2	14.72	107.2	14.33	105.0	13.94	102.9	13.16

TC: Total Capacity (kBtu/h)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

High Heating Model

MMY-MUP072H1FT6PUL/MMY-MUP072H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	85.1	5.50	83.4	5.21	81.8	4.91	81.0	4.79	79.4	4.67	77.8	4.43
	55.4	53.2	85.1	5.57	83.4	5.28	81.8	4.98	81.0	4.85	79.4	4.73	77.8	4.48
	51.8	49.6	85.1	5.65	83.4	5.35	81.8	5.05	81.0	4.92	79.4	4.80	77.8	4.55
	48.2	46.2	85.1	5.73	83.4	5.43	81.8	5.12	81.0	4.99	79.4	4.86	77.8	4.61
	47.0	43.0	85.1	5.81	83.4	5.50	81.8	5.19	81.0	5.06	79.4	4.93	77.8	4.67
	41.0	39.4	85.1	5.91	83.4	5.59	81.8	5.27	81.0	5.14	79.4	5.01	77.8	4.75
	36.5	35.0	85.1	6.03	83.4	5.70	81.8	5.38	81.0	5.25	79.4	5.11	77.8	4.84
	32.0	30.7	85.1	6.16	83.4	5.83	81.8	5.50	81.0	5.36	79.4	5.22	77.8	4.95
	26.6	25.3	85.1	6.34	83.4	6.00	81.8	5.66	81.0	5.52	79.4	5.38	77.8	5.09
	23.0	21.9	85.3	6.48	83.7	6.14	82.1	5.79	81.2	5.65	79.6	5.50	78.0	5.20
	19.4	18.3	86.2	6.70	84.5	6.34	82.9	5.98	82.1	5.83	80.4	5.68	78.8	5.37
	14.0	13.1	87.4	7.03	85.7	6.66	84.1	6.28	83.2	6.12	81.6	5.96	79.9	5.64
	8.2	7.3	88.7	7.44	87.1	7.05	85.4	6.65	84.5	6.48	82.8	6.31	81.1	5.97
	5.9	5.0	89.3	7.63	87.6	7.22	85.9	6.82	85.1	6.64	83.3	6.47	81.6	6.11
	0.0	-0.9	89.3	8.01	87.6	7.59	85.9	7.16	85.1	6.98	83.3	6.79	81.6	6.42
	-3.1	-4.0	85.1	7.83	83.4	7.41	81.8	7.00	81.0	6.82	79.4	6.63	77.8	6.27
	-9.0	-9.4	77.4	7.48	75.9	7.08	74.4	6.69	73.7	6.51	72.2	6.34	70.8	5.99
	-12.6	-13.0	72.3	7.24	70.9	6.86	69.5	6.47	68.9	6.30	67.5	6.13	66.1	5.79
	-17.3	-18.4	64.6	6.87	63.4	6.51	62.2	6.14	61.6	5.98	60.3	5.82	59.1	5.49
	-21.8	-22.0	59.5	6.61	58.4	6.26	57.3	5.91	56.7	5.76	55.6	5.60	54.4	5.28
	-24.6	-25.0	55.3	6.39	54.2	6.05	53.2	5.71	52.7	5.56	51.6	5.41	50.5	5.10
	-29.8	-30.0	48.2	6.00	47.3	5.68	46.4	5.36	45.9	5.22	45.0	5.07	44.1	4.79
110	59.0	56.7	86.8	5.53	85.1	5.23	83.4	4.94	82.6	4.81	81.0	4.69	79.3	4.45
	55.4	53.2	86.8	5.60	85.1	5.30	83.4	5.00	82.6	4.88	81.0	4.75	79.3	4.50
	51.8	49.6	86.8	5.68	85.1	5.38	83.4	5.07	82.6	4.94	81.0	4.82	79.3	4.57
	48.2	46.2	86.8	5.76	85.1	5.45	83.4	5.14	82.6	5.01	81.0	4.89	79.3	4.63
	47.0	43.0	86.8	5.84	85.1	5.53	83.4	5.21	82.6	5.08	81.0	4.95	79.3	4.69
	41.0	39.4	86.8	5.93	85.1	5.62	83.4	5.30	82.6	5.17	81.0	5.03	79.3	4.77
	36.5	35.0	86.8	6.06	85.1	5.73	83.4	5.41	82.6	5.27	81.0	5.14	79.3	4.86
	32.0	30.7	86.8	6.19	85.1	5.86	83.4	5.53	82.6	5.39	81.0	5.25	79.3	4.97
	26.6	25.3	86.8	6.37	85.1	6.03	83.4	5.69	82.6	5.54	81.0	5.40	79.3	5.11
	23.0	21.9	87.0	6.52	85.4	6.17	83.7	5.82	82.9	5.67	81.2	5.52	79.6	5.23
	19.4	18.3	87.9	6.73	86.2	6.37	84.5	6.01	83.7	5.86	82.0	5.70	80.3	5.40
	14.0	13.1	89.1	7.06	87.4	6.69	85.7	6.31	84.9	6.15	83.2	5.99	81.5	5.66
	8.2	7.3	90.5	7.48	88.8	7.08	87.1	6.68	86.2	6.51	84.5	6.34	82.8	5.99
	5.9	5.0	91.1	7.66	89.4	7.26	87.6	6.85	86.8	6.67	85.0	6.50	83.3	6.14
	0.0	-0.9	91.1	8.05	89.4	7.62	87.6	7.20	86.8	7.01	85.0	6.82	83.3	6.45
	-3.1	-4.0	86.8	7.87	85.1	7.45	83.4	7.03	82.6	6.85	81.0	6.66	79.3	6.30
	-9.0	-9.4	78.9	7.52	77.4	7.12	75.9	6.72	75.2	6.54	73.7	6.37	72.2	6.01
	-12.6	-13.0	73.7	7.27	72.3	6.89	70.9	6.50	70.2	6.33	68.8	6.16	67.4	5.82
	-17.3	-18.4	65.9	6.90	64.7	6.54	63.4	6.17	62.8	6.01	61.5	5.84	60.3	5.52
	-21.8	-22.0	60.7	6.64	59.6	6.29	58.4	5.94	57.8	5.78	56.7	5.62	55.5	5.31
	-24.6	-25.0	56.4	6.42	55.3	6.08	54.2	5.74	53.7	5.59	52.6	5.43	51.6	5.13
	-29.8	-30.0	49.2	6.02	48.2	5.71	47.3	5.39	46.8	5.24	45.9	5.10	44.9	4.81
120	59.0	56.7	89.3	5.61	87.6	5.31	85.9	5.01	85.1	4.88	83.3	4.76	81.6	4.51
	55.4	53.2	89.3	5.68	87.6	5.38	85.9	5.07	85.1	4.94	83.3	4.82	81.6	4.57
	51.8	49.6	89.3	5.76	87.6	5.45	85.9	5.14	85.1	5.01	83.3	4.89	81.6	4.63
	48.2	46.2	89.3	5.84	87.6	5.53	85.9	5.21	85.1	5.08	83.3	4.96	81.6	4.70
	47.0	43.0	89.3	5.92	87.6	5.60	85.9	5.29	85.1	5.16	83.3	5.02	81.6	4.76
	41.0	39.4	89.3	6.02	87.6	5.70	85.9	5.37	85.1	5.24	83.3	5.10	81.6	4.84
	36.5	35.0	89.3	6.14	87.6	5.81	85.9	5.48	85.1	5.35	83.3	5.21	81.6	4.93
	32.0	30.7	89.3	6.28	87.6	5.94	85.9	5.60	85.1	5.46	83.3	5.32	81.6	5.04
	26.6	25.3	89.3	6.46	87.6	6.11	85.9	5.77	85.1	5.62	83.3	5.48	81.6	5.18
	23.0	21.9	89.6	6.61	87.9	6.25	86.2	5.90	85.3	5.75	83.6	5.60	81.9	5.30
	19.4	18.3	90.5	6.82	88.7	6.46	87.0	6.09	86.2	5.94	84.4	5.78	82.7	5.47
	14.0	13.1	91.8	7.16	90.0	6.78	88.3	6.40	87.4	6.24	85.6	6.07	83.9	5.74
	8.2	7.3	93.2	7.58	91.4	7.18	89.6	6.78	88.7	6.60	87.0	6.43	85.2	6.08
	5.9	5.0	93.8	7.77	92.0	7.36	90.2	6.95	89.3	6.77	87.5	6.59	85.7	6.23
	0.0	-0.9	93.8	8.17	92.0	7.73	90.2	7.30	89.3	7.11	87.5	6.92	85.7	6.54
	-3.1	-4.0	89.3	7.98	87.6	7.55	85.9	7.13	85.1	6.94	83.3	6.76	81.6	6.39
	-9.0	-9.4	81.3	7.62	79.7	7.22	78.2	6.81	77.4	6.64	75.8	6.46	74.3	6.10
	-12.6	-13.0	75.9	7.38	74.5	6.99	73.0	6.60	72.3	6.42	70.8	6.25	69.4	5.90
	-17.3	-18.4	67.9	7.00	66.6	6.63	65.3	6.26	64.6	6.09	63.3	5.93	62.1	5.60
	-21.8	-22.0	62.5	6.74	61.3	6.38	60.1	6.02	59.5	5.86	58.3	5.70	57.2	5.38
	-24.6	-25.0	58.0	6.51	56.9	6.16	55.8	5.82	55.3	5.67	54.2	5.51	53.1	5.20
	-29.8	-30.0	50.6	6.11	49.6	5.79	48.7	5.46	48.2	5.32	47.2	5.17	46.3	4.88
130	59.0	56.7	91.4	5.66	89.7	5.35	87.9	5.05	87.1	4.93	85.3	4.80	83.6	4.55
	55.4	53.2	91.4	5.73	89.7	5.42	87.9	5.12	87.1	4.99	85.3	4.86	83.6	4.61
	51.8	49.6	91.4	5.81	89.7	5.50	87.9	5.19	87.1	5.06	85.3	4.93	83.6	4.67
	48.2	46.2	91.4	5.89	89.7	5.58	87.9	5.26	87.1	5.13	85.3	5.00	83.6	4.74
	47.0	43.0	91.4	5.97	89.7	5.65	87.9	5.33	87.1	5.20	85.3	5.07	83.6	4.80
	41.0	39.4	91.4	6.07	89.7	5.75	87.9	5.42	87.1	5.29	85.3	5.15	83.6	4.88
	36.5	35.0	91.4	6.20	89.7	5.86	87.9	5.53	87.1	5.39	85.3	5.25	83.6	4.98
	32.0	30.7	91.4	6.33	89.7	5.99	87.9	5.65	87.1	5.51	85.3	5.37	83.6	5.08
	26.6	25.3	91.4	6.52	89.7	6.17	87.9	5.82	87.1	5.67	85.3	5.53	83.6	5.23
	23.0	21.9	91.7	6.67	90.0	6.31	88.2	5.95	87.3	5.80	85.6	5.65	83.8	5.35
	19.4	18.3	92.6	6.88	90.9	6.52	89.1	6.15	88.2	5.99	86.4	5.84	84.7	5.52
	14.0	13.1	93.9	7.23	92.2	6.84	90.4	6.46	89.5	6.29	87.7	6.13	85.9	5.80
	8.2	7.3	95.4	7.65	93.6	7.24	91.8	6.84	90.9	6.66	89.0	6.49	87.2	6.13
	5.9	5.0	96.0	7.84	94.2	7.42	92.3	7.01	91.4	6.83	89.6	6.65	87.8	6.28
	0.0	-0.9	96.0	8.24	94.2	7.80	92.3	7.36	91.4	7.17	89.6	6.98	87.8	6.60
	-3.1	-4.0	91.4	8.05	89.7	7.62	87.9	7.19	87.1	7.01	85.3	6.82	83.6	6.44
	-9.0	-9.4	83.2	7.69	81.6	7.28	80.0	6.87	79.2	6.69	77.7	6.51	76.1	6.15
	-12.6	-13.0	77.7	7.44	76.2	7.05	74.8	6.65	74.0	6.48	72.5	6.30	71.1	5.95
	-17.3	-18.4	69.5	7.06	68.2	6.69	66.8	6.31	66.2	6.15	64.9	5.98	63.5	5.65
	-21.8	-22.0	64.0	6.80	62.8	6.44	61.6	6.08	61.0	5.92	59.7	5.75	58.5	5.43
	-24.6	-25.0	59.4	6.57	58.3	6.22	57.2	5.87	56.6	5.72	55.5	5.56	54.3	5.25
	-29.8	-30.0	51.8	6.16	50.8	5.84	49.8	5.51	49.3	5.36	48.4	5.22	47.4	4.92

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	76.5	4.90	75.1	4.64	73.6	4.37	72.9	4.27	71.4	4.16	70.0	3.94
	55.4	53.2	76.5	4.96	75.1	4.70	73.6	4.43	72.9	4.32	71.4	4.21	70.0	3.99
	51.8	49.6	76.5	5.03	75.1	4.76	73.6	4.49	72.9	4.38	71.4	4.27	70.0	4.05
	48.2	46.2	76.5	5.10	75.1	4.83	73.6	4.56	72.9	4.44	71.4	4.33	70.0	4.10
	47.0	43.0	76.5	5.18	75.1	4.90	73.6	4.62	72.9	4.51	71.4	4.39	70.0	4.16
	41.0	39.4	76.5	5.26	75.1	4.98	73.6	4.70	72.9	4.58	71.4	4.46	70.0	4.23
	36.5	35.0	76.5	5.37	75.1	5.08	73.6	4.79	72.9	4.67	71.4	4.55	70.0	4.31
	32.0	30.7	76.5	5.48	75.1	5.19	73.6	4.90	72.9	4.77	71.4	4.65	70.0	4.40
	26.6	25.3	76.5	5.64	75.1	5.34	73.6	5.04	72.9	4.91	71.4	4.79	70.0	4.53
	23.0	21.9	76.8	5.77	75.3	5.47	73.8	5.16	73.1	5.03	71.7	4.90	70.2	4.63
	19.4	18.3	77.5	5.96	76.1	5.64	74.6	5.33	73.8	5.19	72.4	5.05	70.9	4.78
	14.0	13.1	78.6	6.26	77.2	5.93	75.7	5.59	74.9	5.45	73.4	5.31	71.9	5.02
	8.2	7.3	79.9	6.63	78.4	6.27	76.8	5.92	76.1	5.77	74.5	5.62	73.0	5.31
	5.9	5.0	80.4	6.79	78.8	6.43	77.3	6.07	76.5	5.91	75.0	5.76	73.5	5.44
	0.0	-0.9	80.4	7.14	78.8	6.76	77.3	6.38	76.5	6.21	75.0	6.05	73.5	5.72
	-3.1	-4.0	76.5	6.97	75.1	6.60	73.6	6.23	72.9	6.07	71.4	5.91	70.0	5.58
	-9.0	-9.4	69.7	6.66	68.3	6.31	67.0	5.95	66.3	5.80	65.0	5.64	63.7	5.33
	-12.6	-13.0	65.1	6.45	63.8	6.11	62.6	5.76	62.0	5.61	60.7	5.46	59.5	5.16
	-17.3	-18.4	58.2	6.12	57.1	5.79	56.0	5.47	55.4	5.32	54.3	5.18	53.2	4.89
	-21.8	-22.0	53.6	5.89	52.6	5.58	51.5	5.26	51.0	5.12	50.0	4.98	49.0	4.70
	-24.6	-25.0	49.8	5.69	48.8	5.39	47.9	5.09	47.4	4.95	46.4	4.82	45.5	4.54
	-29.8	-30.0	43.4	5.34	42.5	5.06	41.7	4.78	41.3	4.65	40.5	4.52	39.7	4.26
80	59.0	56.7	68.0	4.31	66.7	4.08	65.4	3.85	64.8	3.75	63.5	3.66	62.2	3.47
	55.4	53.2	68.0	4.37	66.7	4.13	65.4	3.90	64.8	3.80	63.5	3.70	62.2	3.51
	51.8	49.6	68.0	4.43	66.7	4.19	65.4	3.95	64.8	3.85	63.5	3.76	62.2	3.56
	48.2	46.2	68.0	4.49	66.7	4.25	65.4	4.01	64.8	3.91	63.5	3.81	62.2	3.61
	47.0	43.0	68.0	4.55	66.7	4.31	65.4	4.06	64.8	3.96	63.5	3.86	62.2	3.66
	41.0	39.4	68.0	4.62	66.7	4.38	65.4	4.13	64.8	4.03	63.5	3.92	62.2	3.72
	36.5	35.0	68.0	4.72	66.7	4.47	65.4	4.21	64.8	4.11	63.5	4.00	62.2	3.79
	32.0	30.7	68.0	4.82	66.7	4.56	65.4	4.31	64.8	4.20	63.5	4.09	62.2	3.87
	26.6	25.3	68.0	4.96	66.7	4.70	65.4	4.43	64.8	4.32	63.5	4.21	62.2	3.98
	23.0	21.9	68.2	5.08	66.9	4.81	65.6	4.54	65.0	4.42	63.7	4.31	62.4	4.08
	19.4	18.3	68.9	5.24	67.6	4.96	66.3	4.68	65.6	4.56	64.3	4.45	63.0	4.21
	14.0	13.1	69.9	5.50	68.6	5.21	67.2	4.92	66.6	4.79	65.3	4.67	63.9	4.41
	8.2	7.3	71.0	5.83	69.6	5.52	68.3	5.21	67.6	5.07	66.3	4.94	64.9	4.67
	5.9	5.0	71.4	5.97	70.1	5.66	68.7	5.34	68.0	5.20	66.7	5.06	65.3	4.79
	0.0	-0.9	71.4	6.27	70.1	5.94	68.7	5.61	68.0	5.46	66.7	5.32	65.3	5.03
	-3.1	-4.0	68.0	6.13	66.7	5.80	65.4	5.48	64.8	5.34	63.5	5.19	62.2	4.91
	-9.0	-9.4	61.9	5.86	60.7	5.55	59.6	5.24	59.0	5.10	57.8	4.96	56.6	4.69
	-12.6	-13.0	57.8	5.67	56.7	5.37	55.6	5.07	55.1	4.94	54.0	4.80	52.9	4.54
	-17.3	-18.4	51.7	5.38	50.7	5.09	49.7	4.81	49.2	4.68	48.3	4.56	47.3	4.30
	-21.8	-22.0	47.6	5.18	46.7	4.90	45.8	4.63	45.4	4.51	44.5	4.38	43.5	4.14
	-24.6	-25.0	44.2	5.00	43.4	4.74	42.5	4.47	42.1	4.35	41.3	4.23	40.4	4.00
	-29.8	-30.0	38.6	4.69	37.8	4.45	37.1	4.20	36.7	4.09	36.0	3.97	35.3	3.75
70	59.0	56.7	59.5	3.73	58.4	3.53	57.3	3.33	56.7	3.25	55.6	3.17	54.4	3.00
	55.4	53.2	59.5	3.78	58.4	3.58	57.3	3.37	56.7	3.29	55.6	3.21	54.4	3.04
	51.8	49.6	59.5	3.83	58.4	3.63	57.3	3.42	56.7	3.34	55.6	3.25	54.4	3.08
	48.2	46.2	59.5	3.89	58.4	3.68	57.3	3.47	56.7	3.38	55.6	3.30	54.4	3.12
	47.0	43.0	59.5	3.94	58.4	3.73	57.3	3.52	56.7	3.43	55.6	3.34	54.4	3.17
	41.0	39.4	59.5	4.00	58.4	3.79	57.3	3.58	56.7	3.49	55.6	3.40	54.4	3.22
	36.5	35.0	59.5	4.09	58.4	3.87	57.3	3.65	56.7	3.56	55.6	3.47	54.4	3.28
	32.0	30.7	59.5	4.18	58.4	3.95	57.3	3.73	56.7	3.63	55.6	3.54	54.4	3.35
	26.6	25.3	59.5	4.30	58.4	4.07	57.3	3.84	56.7	3.74	55.6	3.64	54.4	3.45
	23.0	21.9	59.7	4.40	58.6	4.16	57.4	3.93	56.9	3.83	55.7	3.73	54.6	3.53
	19.4	18.3	60.3	4.54	59.2	4.30	58.0	4.06	57.4	3.95	56.3	3.85	55.1	3.64
	14.0	13.1	61.2	4.77	60.0	4.51	58.8	4.26	58.3	4.15	57.1	4.04	55.9	3.82
	8.2	7.3	62.1	5.05	60.9	4.78	59.8	4.51	59.2	4.39	58.0	4.28	56.8	4.05
	5.9	5.0	62.5	5.17	61.3	4.90	60.1	4.62	59.5	4.50	58.3	4.38	57.2	4.14
	0.0	-0.9	62.5	5.43	61.3	5.14	60.1	4.86	59.5	4.73	58.3	4.60	57.2	4.35
	-3.1	-4.0	59.5	5.31	58.4	5.03	57.3	4.74	56.7	4.62	55.6	4.50	54.4	4.25
	-9.0	-9.4	54.2	5.07	53.1	4.80	52.1	4.53	51.6	4.41	50.6	4.30	49.5	4.06
	-12.6	-13.0	50.6	4.91	49.6	4.65	48.7	4.39	48.2	4.27	47.2	4.16	46.3	3.93
	-17.3	-18.4	45.2	4.66	44.4	4.41	43.5	4.16	43.1	4.05	42.2	3.94	41.4	3.72
	-21.8	-22.0	41.7	4.48	40.9	4.25	40.1	4.01	39.7	3.90	38.9	3.80	38.1	3.58
	-24.6	-25.0	38.7	4.33	38.0	4.10	37.2	3.87	36.9	3.77	36.1	3.67	35.4	3.46
	-29.8	-30.0	33.7	4.06	33.1	3.85	32.5	3.64	32.1	3.54	31.5	3.44	30.8	3.24

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP096H1FT6PUL/MMY-MUP096H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	113.4	7.23	111.2	6.84	109.1	6.45	108.0	6.29	105.8	6.13	103.7	5.81
	55.4	53.2	113.4	7.32	111.2	6.93	109.1	6.54	108.0	6.37	105.8	6.21	103.7	5.89
	51.8	49.6	113.4	7.43	111.2	7.03	109.1	6.63	108.0	6.46	105.8	6.30	103.7	5.97
	48.2	46.2	113.4	7.53	111.2	7.13	109.1	6.72	108.0	6.55	105.8	6.39	103.7	6.05
	47.0	43.0	113.4	7.63	111.2	7.23	109.1	6.82	108.0	6.65	105.8	6.48	103.7	6.14
	41.0	39.4	113.4	7.76	111.2	7.34	109.1	6.93	108.0	6.75	105.8	6.58	103.7	6.23
	36.5	35.0	113.4	7.92	111.2	7.49	109.1	7.07	108.0	6.89	105.8	6.71	103.7	6.36
	32.0	30.7	113.4	8.09	111.2	7.66	109.1	7.22	108.0	7.04	105.8	6.86	103.7	6.50
	26.6	25.3	113.4	8.33	111.2	7.88	109.1	7.44	108.0	7.25	105.8	7.06	103.7	6.68
	23.0	21.9	113.7	8.52	111.6	8.06	109.4	7.61	108.3	7.41	106.2	7.22	104.0	6.84
	19.4	18.3	114.9	8.79	112.7	8.33	110.5	7.86	109.4	7.66	107.2	7.46	105.0	7.06
	14.0	13.1	116.5	9.23	114.3	8.74	112.1	8.25	111.0	8.04	108.8	7.83	106.5	7.40
	8.2	7.3	118.3	9.78	116.1	9.26	113.8	8.74	112.7	8.51	110.4	8.29	108.2	7.84
	5.9	5.0	119.1	10.02	116.8	9.49	114.5	8.95	113.4	8.72	111.1	8.49	108.9	8.03
	0.0	-0.9	107.8	9.49	105.8	8.99	103.7	8.48	102.7	8.26	100.7	8.04	98.6	7.60
	-3.1	-4.0	102.1	9.21	100.1	8.72	98.2	8.23	97.2	8.02	95.3	7.81	93.3	7.38
	-9.0	-9.4	91.9	8.70	90.1	8.24	88.4	7.78	87.5	7.58	85.7	7.37	84.0	6.96
	-12.6	-13.0	85.1	8.35	83.4	7.91	81.8	7.46	81.0	7.27	79.4	7.07	77.8	6.68
	-17.3	-18.4	74.8	7.79	73.4	7.38	72.0	6.97	71.3	6.78	69.9	6.60	68.4	6.23
	-21.8	-22.0	68.0	7.40	66.7	7.01	65.4	6.62	64.8	6.44	63.5	6.26	62.2	5.91
	-24.6	-25.0	62.4	7.05	61.2	6.68	60.0	6.31	59.4	6.14	58.2	5.97	57.0	5.63
	-29.8	-30.0	52.9	6.44	51.9	6.10	50.9	5.76	50.4	5.60	49.4	5.45	48.4	5.14
110	59.0	56.7	115.7	7.26	113.5	6.87	111.3	6.48	110.2	6.32	108.0	6.16	105.8	5.84
	55.4	53.2	115.7	7.36	113.5	6.96	111.3	6.57	110.2	6.40	108.0	6.24	105.8	5.92
	51.8	49.6	115.7	7.46	113.5	7.06	111.3	6.66	110.2	6.49	108.0	6.33	105.8	6.00
	48.2	46.2	115.7	7.56	113.5	7.16	111.3	6.75	110.2	6.59	108.0	6.42	105.8	6.08
	47.0	43.0	115.7	7.67	113.5	7.26	111.3	6.85	110.2	6.68	108.0	6.51	105.8	6.16
	41.0	39.4	115.7	7.79	113.5	7.38	111.3	6.96	110.2	6.78	108.0	6.61	105.8	6.26
	36.5	35.0	115.7	7.95	113.5	7.53	111.3	7.10	110.2	6.92	108.0	6.75	105.8	6.39
	32.0	30.7	115.7	8.13	113.5	7.69	111.3	7.26	110.2	7.07	108.0	6.89	105.8	6.53
	26.6	25.3	115.7	8.37	113.5	7.92	111.3	7.47	110.2	7.28	108.0	7.09	105.8	6.71
	23.0	21.9	116.0	8.56	113.8	8.10	111.6	7.64	110.5	7.45	108.3	7.26	106.1	6.87
	19.4	18.3	117.2	8.84	114.9	8.36	112.7	7.89	111.6	7.69	109.4	7.49	107.1	7.09
	14.0	13.1	118.8	9.28	116.6	8.78	114.3	8.29	113.2	8.08	110.9	7.86	108.7	7.44
	8.2	7.3	120.7	9.82	118.4	9.30	116.1	8.78	115.0	8.55	112.7	8.33	110.4	7.87
	5.9	5.0	121.5	10.07	119.1	9.53	116.8	8.99	115.7	8.76	113.4	8.53	111.0	8.07
	0.0	-0.9	110.0	9.54	107.9	9.03	105.8	8.52	104.8	8.30	102.7	8.08	100.6	7.64
	-3.1	-4.0	104.1	9.25	102.1	8.76	100.1	8.27	99.1	8.06	97.2	7.84	95.2	7.41
	-9.0	-9.4	93.7	8.74	91.9	8.28	90.1	7.82	89.2	7.61	87.4	7.41	85.7	7.00
	-12.6	-13.0	86.8	8.39	85.1	7.94	83.4	7.50	82.6	7.30	81.0	7.10	79.3	6.71
	-17.3	-18.4	76.3	7.83	74.9	7.41	73.4	7.00	72.7	6.81	71.3	6.63	69.8	6.26
	-21.8	-22.0	69.4	7.43	68.1	7.04	66.8	6.65	66.1	6.47	64.8	6.29	63.5	5.94
	-24.6	-25.0	63.6	7.09	62.4	6.71	61.2	6.34	60.6	6.17	59.4	6.00	58.2	5.66
	-29.8	-30.0	54.0	6.47	53.0	6.13	51.9	5.79	51.4	5.63	50.4	5.47	49.4	5.16
120	59.0	56.7	119.1	7.37	116.8	6.97	114.5	6.57	113.4	6.41	111.1	6.25	108.9	5.92
	55.4	53.2	119.1	7.46	116.8	7.06	114.5	6.66	113.4	6.49	111.1	6.33	108.9	6.00
	51.8	49.6	119.1	7.57	116.8	7.16	114.5	6.75	113.4	6.59	111.1	6.42	108.9	6.08
	48.2	46.2	119.1	7.67	116.8	7.26	114.5	6.85	113.4	6.68	111.1	6.51	108.9	6.17
	47.0	43.0	119.1	7.78	116.8	7.36	114.5	6.94	113.4	6.77	111.1	6.60	108.9	6.25
	41.0	39.4	119.1	7.90	116.8	7.48	114.5	7.06	113.4	6.88	111.1	6.70	108.9	6.35
	36.5	35.0	119.1	8.07	116.8	7.63	114.5	7.20	113.4	7.02	111.1	6.84	108.9	6.48
	32.0	30.7	119.1	8.24	116.8	7.80	114.5	7.36	113.4	7.17	111.1	6.99	108.9	6.62
	26.6	25.3	119.1	8.48	116.8	8.03	114.5	7.58	113.4	7.39	111.1	7.19	108.9	6.81
	23.0	21.9	119.4	8.68	117.2	8.21	114.9	7.75	113.7	7.55	111.5	7.36	109.2	6.96
	19.4	18.3	120.6	8.96	118.3	8.48	116.0	8.00	114.9	7.80	112.6	7.60	110.3	7.19
	14.0	13.1	122.3	9.41	120.0	8.91	117.7	8.40	116.5	8.19	114.2	7.97	111.9	7.54
	8.2	7.3	124.2	9.96	121.9	9.43	119.5	8.90	118.3	8.67	116.0	8.44	113.6	7.98
	5.9	5.0	125.0	10.21	122.6	9.66	120.3	9.12	119.1	8.89	116.7	8.65	114.3	8.18
	0.0	-0.9	113.2	9.67	111.1	9.16	108.9	8.64	107.8	8.42	105.7	8.19	103.5	7.75
	-3.1	-4.0	107.2	9.39	105.1	8.89	103.1	8.39	102.1	8.17	100.0	7.95	98.0	7.52
	-9.0	-9.4	96.4	8.87	94.6	8.40	92.8	7.93	91.9	7.72	90.0	7.51	88.2	7.10
	-12.6	-13.0	89.3	8.50	87.6	8.05	85.9	7.60	85.1	7.40	83.3	7.20	81.6	6.80
	-17.3	-18.4	78.6	7.94	77.1	7.52	75.6	7.10	74.8	6.91	73.3	6.72	71.9	6.35
	-21.8	-22.0	71.4	7.54	70.1	7.14	68.7	6.74	68.0	6.56	66.7	6.38	65.3	6.02
	-24.6	-25.0	65.5	7.19	64.2	6.81	63.0	6.43	62.4	6.26	61.1	6.08	59.9	5.74
	-29.8	-30.0	55.6	6.56	54.5	6.21	53.4	5.87	52.9	5.71	51.9	5.55	50.8	5.24
130	59.0	56.7	121.9	7.43	119.6	7.03	117.3	6.63	116.1	6.47	113.8	6.30	111.5	5.98
	55.4	53.2	121.9	7.53	119.6	7.12	117.3	6.72	116.1	6.55	113.8	6.39	111.5	6.05
	51.8	49.6	121.9	7.63	119.6	7.22	117.3	6.81	116.1	6.64	113.8	6.48	111.5	6.14
	48.2	46.2	121.9	7.74	119.6	7.32	117.3	6.91	116.1	6.74	113.8	6.57	111.5	6.22
	47.0	43.0	121.9	7.85	119.6	7.43	117.3	7.01	116.1	6.83	113.8	6.66	111.5	6.31
	41.0	39.4	121.9	7.97	119.6	7.55	117.3	7.12	116.1	6.94	113.8	6.76	111.5	6.41
	36.5	35.0	121.9	8.14	119.6	7.70	117.3	7.27	116.1	7.08	113.8	6.90	111.5	6.54
	32.0	30.7	121.9	8.31	119.6	7.87	117.3	7.43	116.1	7.24	113.8	7.05	111.5	6.68
	26.6	25.3	121.9	8.56	119.6	8.10	117.3	7.64	116.1	7.45	113.8	7.26	111.5	6.87
	23.0	21.9	122.3	8.75	119.9	8.29	117.6	7.82	116.4	7.62	114.1	7.42	111.8	7.03
	19.4	18.3	123.5	9.04	121.1	8.56	118.8	8.08	117.6	7.87	115.3	7.66	112.9	7.25
	14.0	13.1	125.3	9.49	122.9	8.98	120.5	8.48	119.3	8.26	116.9	8.05	114.5	7.61
	8.2	7.3	127.2	10.05	124.8	9.51	122.4	8.98	121.2	8.75	118.7	8.52	116.3	8.06
	5.9	5.0	128.0	10.30	125.6	9.75	123.1	9.20	121.9	8.97	119.5	8.73	117.0	8.25
	0.0	-0.9	115.9	9.76	113.7	9.24	111.5	8.72	110.4	8.49	108.2	8.27	106.0	7.81
	-3.1	-4.0	109.7	9.47	107.6	8.97	105.5	8.46	104.5	8.24	102.4	8.02	100.3	7.58
	-9.0	-9.4	98.7	8.94	96.9	8.47	95.0	8.00	94.0	7.79	92.2	7.58	90.3	7.16
	-12.6	-13.0	91.4	8.58	89.7	8.13	87.9	7.67	87.1	7.47	85.3	7.27	83.6	6.86
	-17.3	-18.4	80.5	8.01	78.9	7.58	77.4	7.16	76.6	6.97	75.1	6.78	73.6	6.40
	-21.8	-22.0	73.1	7.60	71.7	7.20	70.4	6.80	69.7	6.62	68.3	6.44	66.9	6.08
	-24.6	-25.0	67.0	7.25	65.8	6.87	64.5	6.48	63.9	6.31	62.6	6.14	61.3	5.79
	-29.8	-30.0	56.9	6.62	55.8	6.27	54.7	5.92	54.2	5.76	53.1	5.60	52.0	5.28

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	102.1	6.44	100.1	6.09	98.2	5.75	97.2	5.60	95.3	5.46	93.3	5.18
	55.4	53.2	102.1	6.52	100.1	6.17	98.2	5.82	97.2	5.68	95.3	5.53	93.3	5.24
	51.8	49.6	102.1	6.61	100.1	6.26	98.2	5.90	97.2	5.76	95.3	5.61	93.3	5.32
	48.2	46.2	102.1	6.70	100.1	6.34	98.2	5.99	97.2	5.84	95.3	5.69	93.3	5.39
	47.0	43.0	102.1	6.80	100.1	6.43	98.2	6.07	97.2	5.92	95.3	5.77	93.3	5.46
	41.0	39.4	102.1	6.91	100.1	6.54	98.2	6.17	97.2	6.01	95.3	5.86	93.3	5.55
	36.5	35.0	102.1	7.05	100.1	6.67	98.2	6.29	97.2	6.14	95.3	5.98	93.3	5.66
	32.0	30.7	102.1	7.20	100.1	6.82	98.2	6.43	97.2	6.27	95.3	6.11	93.3	5.78
	26.6	25.3	102.1	7.41	100.1	7.02	98.2	6.62	97.2	6.45	95.3	6.29	93.3	5.95
	23.0	21.9	102.4	7.58	100.4	7.18	98.5	6.77	97.5	6.60	95.5	6.43	93.6	6.09
	19.4	18.3	103.4	7.83	101.4	7.41	99.4	6.99	98.5	6.82	96.5	6.64	94.5	6.28
	14.0	13.1	104.9	8.22	102.9	7.78	100.9	7.34	99.9	7.16	97.9	6.97	95.9	6.59
	8.2	7.3	106.5	8.70	104.5	8.24	102.4	7.78	101.4	7.58	99.4	7.38	97.4	6.98
	5.9	5.0	107.2	8.92	105.1	8.45	103.1	7.97	102.1	7.77	100.0	7.56	98.0	7.15
	0.0	-0.9	97.1	8.45	95.2	8.00	93.4	7.55	92.4	7.36	90.6	7.16	88.7	6.77
	-3.1	-4.0	91.9	8.20	90.1	7.77	88.4	7.33	87.5	7.14	85.7	6.95	84.0	6.57
	-9.0	-9.4	82.7	7.75	81.1	7.34	79.5	6.93	78.7	6.74	77.2	6.56	75.6	6.20
	-12.6	-13.0	76.5	7.43	75.1	7.04	73.6	6.65	72.9	6.47	71.4	6.30	70.0	5.95
	-17.3	-18.4	67.4	6.94	66.1	6.57	64.8	6.20	64.2	6.04	62.9	5.87	61.6	5.55
	-21.8	-22.0	61.2	6.59	60.1	6.24	58.9	5.89	58.3	5.73	57.2	5.58	56.0	5.26
	-24.6	-25.0	56.1	6.28	55.1	5.95	54.0	5.62	53.5	5.47	52.4	5.32	51.3	5.02
	-29.8	-30.0	47.6	5.73	46.7	5.43	45.8	5.13	45.4	4.99	44.5	4.85	43.5	4.58
80	59.0	56.7	90.7	5.66	89.0	5.36	87.3	5.05	86.4	4.93	84.7	4.80	82.9	4.55
	55.4	53.2	90.7	5.73	89.0	5.43	87.3	5.12	86.4	4.99	84.7	4.86	82.9	4.61
	51.8	49.6	90.7	5.81	89.0	5.50	87.3	5.19	86.4	5.06	84.7	4.93	82.9	4.67
	48.2	46.2	90.7	5.90	89.0	5.58	87.3	5.26	86.4	5.13	84.7	5.00	82.9	4.74
	47.0	43.0	90.7	5.98	89.0	5.66	87.3	5.34	86.4	5.20	84.7	5.07	82.9	4.80
	41.0	39.4	90.7	6.07	89.0	5.75	87.3	5.42	86.4	5.29	84.7	5.15	82.9	4.88
	36.5	35.0	90.7	6.20	89.0	5.87	87.3	5.54	86.4	5.40	84.7	5.26	82.9	4.98
	32.0	30.7	90.7	6.33	89.0	6.00	87.3	5.66	86.4	5.51	84.7	5.37	82.9	5.09
	26.6	25.3	90.7	6.52	89.0	6.17	87.3	5.82	86.4	5.68	84.7	5.53	82.9	5.23
	23.0	21.9	91.0	6.67	89.3	6.31	87.5	5.96	86.7	5.81	84.9	5.65	83.2	5.35
	19.4	18.3	91.9	6.89	90.1	6.52	88.4	6.15	87.5	5.99	85.8	5.84	84.0	5.52
	14.0	13.1	93.2	7.23	91.4	6.84	89.7	6.46	88.8	6.29	87.0	6.13	85.2	5.80
	8.2	7.3	94.7	7.66	92.9	7.25	91.1	6.84	90.2	6.66	88.4	6.49	86.6	6.14
	5.9	5.0	95.3	7.84	93.4	7.43	91.6	7.01	90.7	6.83	88.9	6.65	87.1	6.29
	0.0	-0.9	86.3	7.43	84.6	7.04	83.0	6.64	82.2	6.47	80.5	6.30	78.9	5.95
	-3.1	-4.0	81.6	7.21	80.1	6.83	78.5	6.45	77.8	6.28	76.2	6.11	74.6	5.78
	-9.0	-9.4	73.5	6.81	72.1	6.45	70.7	6.09	70.0	5.93	68.6	5.77	67.2	5.45
	-12.6	-13.0	68.0	6.54	66.7	6.19	65.4	5.84	64.8	5.69	63.5	5.54	62.2	5.23
	-17.3	-18.4	59.9	6.10	58.7	5.78	57.6	5.45	57.0	5.31	55.9	5.17	54.7	4.88
	-21.8	-22.0	54.4	5.79	53.4	5.49	52.4	5.18	51.8	5.04	50.8	4.90	49.8	4.63
	-24.6	-25.0	49.9	5.52	48.9	5.23	48.0	4.94	47.5	4.81	46.6	4.68	45.6	4.41
	-29.8	-30.0	42.3	5.04	41.5	4.77	40.7	4.51	40.3	4.39	39.5	4.27	38.7	4.02
70	59.0	56.7	79.4	4.90	77.9	4.64	76.4	4.37	75.6	4.27	74.1	4.16	72.6	3.94
	55.4	53.2	79.4	4.96	77.9	4.70	76.4	4.43	75.6	4.32	74.1	4.21	72.6	3.99
	51.8	49.6	79.4	5.03	77.9	4.76	76.4	4.49	75.6	4.38	74.1	4.27	72.6	4.05
	48.2	46.2	79.4	5.10	77.9	4.83	76.4	4.56	75.6	4.44	74.1	4.33	72.6	4.10
	47.0	43.0	79.4	5.18	77.9	4.90	76.4	4.62	75.6	4.51	74.1	4.39	72.6	4.16
	41.0	39.4	79.4	5.26	77.9	4.98	76.4	4.70	75.6	4.58	74.1	4.46	72.6	4.23
	36.5	35.0	79.4	5.37	77.9	5.08	76.4	4.79	75.6	4.67	74.1	4.55	72.6	4.31
	32.0	30.7	79.4	5.48	77.9	5.19	76.4	4.90	75.6	4.77	74.1	4.65	72.6	4.40
	26.6	25.3	79.4	5.64	77.9	5.34	76.4	5.04	75.6	4.91	74.1	4.79	72.6	4.53
	23.0	21.9	79.6	5.77	78.1	5.47	76.6	5.16	75.8	5.03	74.3	4.90	72.8	4.63
	19.4	18.3	80.4	5.96	78.9	5.64	77.3	5.33	76.6	5.19	75.1	5.05	73.5	4.78
	14.0	13.1	81.6	6.26	80.0	5.93	78.5	5.59	77.7	5.45	76.1	5.31	74.6	5.02
	8.2	7.3	82.8	6.63	81.3	6.28	79.7	5.92	78.9	5.77	77.3	5.62	75.7	5.31
	5.9	5.0	83.3	6.79	81.8	6.43	80.2	6.07	79.4	5.91	77.8	5.76	76.2	5.44
	0.0	-0.9	75.5	6.43	74.1	6.09	72.6	5.75	71.9	5.60	70.5	5.45	69.0	5.15
	-3.1	-4.0	71.4	6.25	70.1	5.91	68.7	5.58	68.0	5.44	66.7	5.29	65.3	5.00
	-9.0	-9.4	64.3	5.90	63.1	5.59	61.8	5.27	61.2	5.14	60.0	5.00	58.8	4.72
	-12.6	-13.0	59.5	5.66	58.4	5.36	57.3	5.06	56.7	4.93	55.6	4.79	54.4	4.53
	-17.3	-18.4	52.4	5.28	51.4	5.00	50.4	4.72	49.9	4.60	48.9	4.47	47.9	4.22
	-21.8	-22.0	47.6	5.01	46.7	4.75	45.8	4.48	45.4	4.37	44.5	4.25	43.5	4.01
	-24.6	-25.0	43.7	4.78	42.8	4.53	42.0	4.28	41.6	4.16	40.7	4.05	39.9	3.82
	-29.8	-30.0	37.0	4.36	36.3	4.13	35.6	3.90	35.3	3.80	34.6	3.69	33.9	3.48

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-MUP120H1FT6PUL/MMY-MUP120H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	141.8	9.68	139.1	9.16	136.4	8.64	135.0	8.43	132.3	8.22	129.6	7.79
	55.4	53.2	141.8	9.81	139.1	9.28	136.4	8.75	135.0	8.54	132.3	8.32	129.6	7.89
	51.8	49.6	141.8	9.95	139.1	9.41	136.4	8.88	135.0	8.66	132.3	8.44	129.6	8.00
	48.2	46.2	141.8	10.09	139.1	9.55	136.4	9.00	135.0	8.78	132.3	8.56	129.6	8.11
	47.0	43.0	141.8	10.23	139.1	9.68	136.4	9.13	135.0	8.90	132.3	8.67	129.6	8.22
	41.0	39.4	141.8	10.39	139.1	9.83	136.4	9.28	135.0	9.05	132.3	8.81	129.6	8.35
	36.5	35.0	141.8	10.60	139.1	10.04	136.4	9.47	135.0	9.23	132.3	8.99	129.6	8.52
	32.0	30.7	141.8	10.84	139.1	10.26	136.4	9.68	135.0	9.43	132.3	9.19	129.6	8.70
	26.6	25.3	141.8	11.15	139.1	10.56	136.4	9.96	135.0	9.71	132.3	9.46	129.6	8.95
	23.0	21.9	142.2	11.41	139.5	10.80	136.8	10.20	135.5	9.94	132.8	9.68	130.0	9.16
	19.4	18.3	143.9	11.80	141.1	11.17	138.4	10.54	137.0	10.28	134.3	10.01	131.5	9.47
	14.0	13.1	146.2	12.42	143.4	11.76	140.6	11.09	139.3	10.81	136.5	10.53	133.7	9.96
	8.2	7.3	148.8	13.18	146.0	12.48	143.2	11.78	141.8	11.47	138.9	11.17	136.1	10.57
	5.9	5.0	141.8	12.76	139.1	12.08	136.4	11.40	135.0	11.10	132.3	10.81	129.6	10.22
	0.0	-0.9	124.0	11.66	121.7	11.04	119.3	10.42	118.1	10.15	115.8	9.88	113.4	9.34
	-3.1	-4.0	114.8	11.06	112.6	10.47	110.4	9.89	109.4	9.63	107.2	9.37	105.0	8.86
	-9.0	-9.4	102.1	10.32	100.2	9.78	98.3	9.23	97.3	8.99	95.3	8.75	93.4	8.26
	-12.6	-13.0	93.4	9.78	91.6	9.26	89.9	8.74	89.0	8.51	87.2	8.28	85.4	7.82
	-17.3	-18.4	80.3	8.91	78.8	8.44	77.3	7.97	76.5	7.76	75.0	7.55	73.4	7.12
	-21.8	-22.0	71.6	8.29	70.2	7.85	68.9	7.41	68.2	7.22	66.8	7.02	65.4	6.63
	-24.6	-25.0	64.3	7.74	63.1	7.33	61.9	6.93	61.2	6.74	60.0	6.56	58.8	6.19
	-29.8	-30.0	52.2	6.75	51.2	6.40	50.2	6.04	49.7	5.88	48.7	5.72	47.7	5.39
110	59.0	56.7	144.6	9.73	141.8	9.21	139.1	8.68	137.7	8.47	134.9	8.25	132.2	7.82
	55.4	53.2	144.6	9.85	141.8	9.32	139.1	8.80	137.7	8.58	134.9	8.36	132.2	7.92
	51.8	49.6	144.6	9.99	141.8	9.46	139.1	8.92	137.7	8.70	134.9	8.48	132.2	8.03
	48.2	46.2	144.6	10.13	141.8	9.59	139.1	9.05	137.7	8.82	134.9	8.60	132.2	8.15
	47.0	43.0	144.6	10.27	141.8	9.72	139.1	9.17	137.7	8.94	134.9	8.71	132.2	8.26
	41.0	39.4	144.6	10.44	141.8	9.88	139.1	9.32	137.7	9.09	134.9	8.85	132.2	8.39
	36.5	35.0	144.6	10.65	141.8	10.08	139.1	9.51	137.7	9.27	134.9	9.04	132.2	8.56
	32.0	30.7	144.6	10.89	141.8	10.30	139.1	9.72	137.7	9.48	134.9	9.23	132.2	8.74
	26.6	25.3	144.6	11.20	141.8	10.61	139.1	10.01	137.7	9.75	134.9	9.50	132.2	8.99
	23.0	21.9	145.1	11.47	142.3	10.85	139.6	10.24	138.2	9.98	135.4	9.72	132.6	9.20
	19.4	18.3	146.7	11.86	143.9	11.23	141.1	10.59	139.8	10.32	137.0	10.05	134.2	9.51
	14.0	13.1	149.1	12.48	146.3	11.81	143.5	11.15	142.0	10.86	139.2	10.58	136.4	10.01
	8.2	7.3	151.8	13.24	148.9	12.54	146.0	11.83	144.6	11.53	141.7	11.22	138.8	10.61
	5.9	5.0	144.6	12.81	141.8	12.13	139.1	11.45	137.7	11.16	134.9	10.86	132.2	10.27
	0.0	-0.9	126.5	11.71	124.1	11.09	121.7	10.47	120.5	10.20	118.1	9.93	115.7	9.38
	-3.1	-4.0	117.1	11.11	114.9	10.52	112.7	9.93	111.5	9.67	109.3	9.41	107.1	8.90
	-9.0	-9.4	104.2	10.37	102.2	9.82	100.2	9.27	99.2	9.03	97.2	8.79	95.3	8.30
	-12.6	-13.0	95.3	9.82	93.5	9.30	91.7	8.78	90.7	8.55	88.9	8.32	87.1	7.86
	-17.3	-18.4	81.9	8.95	80.4	8.48	78.8	8.00	78.0	7.79	76.5	7.58	74.9	7.16
	-21.8	-22.0	73.0	8.33	71.6	7.89	70.2	7.45	69.5	7.25	68.1	7.05	66.8	6.66
	-24.6	-25.0	65.6	7.78	64.3	7.37	63.1	6.96	62.5	6.77	61.2	6.59	60.0	6.21
	-29.8	-30.0	53.2	6.78	52.2	6.43	51.2	6.07	50.7	5.91	49.7	5.74	48.7	5.42
120	59.0	56.7	148.8	9.87	146.0	9.34	143.2	8.81	141.8	8.59	138.9	8.37	136.1	7.94
	55.4	53.2	148.8	9.99	146.0	9.46	143.2	8.92	141.8	8.70	138.9	8.48	136.1	8.04
	51.8	49.6	148.8	10.13	146.0	9.59	143.2	9.05	141.8	8.82	138.9	8.60	136.1	8.15
	48.2	46.2	148.8	10.28	146.0	9.73	143.2	9.17	141.8	8.95	138.9	8.72	136.1	8.26
	47.0	43.0	148.8	10.42	146.0	9.86	143.2	9.30	141.8	9.07	138.9	8.84	136.1	8.37
	41.0	39.4	148.8	10.59	146.0	10.02	143.2	9.45	141.8	9.22	138.9	8.98	136.1	8.51
	36.5	35.0	148.8	10.80	146.0	10.23	143.2	9.65	141.8	9.41	138.9	9.16	136.1	8.68
	32.0	30.7	148.8	11.04	146.0	10.45	143.2	9.86	141.8	9.61	138.9	9.36	136.1	8.87
	26.6	25.3	148.8	11.36	146.0	10.76	143.2	10.15	141.8	9.89	138.9	9.64	136.1	9.12
	23.0	21.9	149.3	11.63	146.5	11.01	143.7	10.39	142.2	10.12	139.4	9.86	136.5	9.33
	19.4	18.3	151.1	12.03	148.2	11.38	145.3	10.74	143.9	10.47	141.0	10.20	138.1	9.65
	14.0	13.1	153.5	12.65	150.6	11.98	147.7	11.30	146.2	11.01	143.3	10.73	140.4	10.15
	8.2	7.3	156.3	13.43	153.3	12.71	150.3	12.00	148.8	11.69	145.9	11.38	142.9	10.77
	5.9	5.0	148.8	13.00	146.0	12.30	143.2	11.61	141.8	11.31	138.9	11.01	136.1	10.41
	0.0	-0.9	130.2	11.88	127.8	11.25	125.3	10.62	124.0	10.34	121.5	10.07	119.1	9.51
	-3.1	-4.0	120.6	11.27	118.3	10.67	116.0	10.07	114.8	9.81	112.5	9.55	110.2	9.02
	-9.0	-9.4	107.3	10.52	105.2	9.96	103.2	9.40	102.1	9.16	100.1	8.91	98.1	8.42
	-12.6	-13.0	98.1	9.96	96.2	9.43	94.3	8.91	93.4	8.67	91.5	8.44	89.7	7.97
	-17.3	-18.4	84.3	9.08	82.7	8.60	81.1	8.12	80.3	7.90	78.7	7.69	77.1	7.26
	-21.8	-22.0	75.2	8.45	73.7	8.00	72.3	7.55	71.6	7.35	70.2	7.15	68.7	6.75
	-24.6	-25.0	67.5	7.89	66.2	7.47	65.0	7.06	64.3	6.87	63.0	6.68	61.7	6.30
	-29.8	-30.0	54.8	6.88	53.7	6.52	52.7	6.16	52.2	5.99	51.1	5.82	50.1	5.49
130	59.0	56.7	152.4	9.95	149.5	9.42	146.6	8.88	145.1	8.66	142.2	8.44	139.3	8.01
	55.4	53.2	152.4	10.08	149.5	9.54	146.6	9.00	145.1	8.78	142.2	8.55	139.3	8.11
	51.8	49.6	152.4	10.22	149.5	9.68	146.6	9.13	145.1	8.90	142.2	8.67	139.3	8.22
	48.2	46.2	152.4	10.37	149.5	9.81	146.6	9.26	145.1	9.02	142.2	8.79	139.3	8.33
	47.0	43.0	152.4	10.51	149.5	9.95	146.6	9.38	145.1	9.15	142.2	8.92	139.3	8.45
	41.0	39.4	152.4	10.68	149.5	10.11	146.6	9.54	145.1	9.30	142.2	9.06	139.3	8.58
	36.5	35.0	152.4	10.90	149.5	10.32	146.6	9.73	145.1	9.49	142.2	9.24	139.3	8.76
	32.0	30.7	152.4	11.14	149.5	10.54	146.6	9.95	145.1	9.70	142.2	9.44	139.3	8.94
	26.6	25.3	152.4	11.46	149.5	10.85	146.6	10.24	145.1	9.98	142.2	9.72	139.3	9.20
	23.0	21.9	152.9	11.73	150.0	11.11	147.1	10.48	145.6	10.21	142.7	9.95	139.8	9.42
	19.4	18.3	154.7	12.13	151.7	11.48	148.8	10.84	147.3	10.56	144.3	10.29	141.4	9.73
	14.0	13.1	157.2	12.76	154.2	12.08	151.2	11.40	149.7	11.11	146.7	10.82	143.7	10.24
	8.2	7.3	160.0	13.55	157.0	12.83	153.9	12.11	152.4	11.79	149.3	11.48	146.3	10.86
	5.9	5.0	152.4	13.11	149.5	12.41	146.6	11.72	145.1	11.41	142.2	11.11	139.3	10.51
	0.0	-0.9	133.3	11.98	130.8	11.35	128.3	10.71	127.0	10.43	124.4	10.15	121.9	9.60
	-3.1	-4.0	123.4	11.37	121.1	10.76	118.7	10.16	117.6	9.90	115.2	9.63	112.8	9.10
	-9.0	-9.4	109.8	10.61	107.7	10.05	105.6	9.49	104.6	9.24	102.5	8.99	100.4	8.49
	-12.6	-13.0	100.4	10.05	98.5	9.52	96.6	8.99	95.6	8.75	93.7	8.51	91.8	8.04
	-17.3	-18.4	86.3	9.16	84.7	8.67	83.1	8.19	82.2	7.97	80.6	7.76	78.9	7.32
	-21.8	-22.0	77.0	8.52	75.5	8.07	74.0	7.62	73.3	7.42	71.8	7.22	70.4	6.81
	-24.6	-25.0	69.1	7.96	67.8	7.54	66.5	7.12	65.8	6.93	64.5	6.74	63.2	6.36
	-29.8	-30.0	56.1	6.94	55.0	6.58	54.0	6.21	53.4	6.04	52.4	5.88	51.3	5.54

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	127.6	8.62	125.1	8.16	122.7	7.70	121.5	7.51	119.1	7.31	116.6	6.93
	55.4	53.2	127.6	8.73	125.1	8.26	122.7	7.79	121.5	7.60	119.1	7.41	116.6	7.02
	51.8	49.6	127.6	8.86	125.1	8.38	122.7	7.91	121.5	7.71	119.1	7.51	116.6	7.12
	48.2	46.2	127.6	8.98	125.1	8.50	122.7	8.02	121.5	7.82	119.1	7.62	116.6	7.22
	47.0	43.0	127.6	9.10	125.1	8.62	122.7	8.13	121.5	7.93	119.1	7.72	116.6	7.32
	41.0	39.4	127.6	9.25	125.1	8.76	122.7	8.26	121.5	8.05	119.1	7.85	116.6	7.43
	36.5	35.0	127.6	9.44	125.1	8.94	122.7	8.43	121.5	8.22	119.1	8.01	116.6	7.58
	32.0	30.7	127.6	9.65	125.1	9.13	122.7	8.62	121.5	8.40	119.1	8.18	116.6	7.75
	26.6	25.3	127.6	9.93	125.1	9.40	122.7	8.87	121.5	8.64	119.1	8.42	116.6	7.97
	23.0	21.9	128.0	10.16	125.6	9.62	123.1	9.08	121.9	8.85	119.5	8.62	117.0	8.16
	19.4	18.3	129.5	10.51	127.0	9.95	124.5	9.39	123.3	9.15	120.8	8.91	118.4	8.43
	14.0	13.1	131.6	11.06	129.1	10.47	126.6	9.88	125.3	9.63	122.8	9.37	120.3	8.87
	8.2	7.3	134.0	11.74	131.4	11.11	128.9	10.49	127.6	10.22	125.0	9.95	122.5	9.41
	5.9	5.0	127.6	11.36	125.1	10.75	122.7	10.15	121.5	9.89	119.1	9.62	116.6	9.10
	0.0	-0.9	111.6	10.38	109.5	9.83	107.4	9.28	106.3	9.04	104.2	8.80	102.1	8.31
	-3.1	-4.0	103.3	9.85	101.4	9.32	99.4	8.80	98.4	8.57	96.4	8.34	94.5	7.88
	-9.0	-9.4	91.9	9.19	90.2	8.70	88.4	8.22	87.6	8.00	85.8	7.79	84.1	7.36
	-12.6	-13.0	84.1	8.71	82.5	8.24	80.9	7.78	80.1	7.58	78.5	7.37	76.9	6.96
	-17.3	-18.4	72.3	7.93	70.9	7.51	69.5	7.09	68.8	6.91	67.5	6.72	66.1	6.34
	-21.8	-22.0	64.4	7.38	63.2	6.99	62.0	6.60	61.4	6.43	60.1	6.25	58.9	5.90
	-24.6	-25.0	57.9	6.89	56.8	6.53	55.7	6.17	55.1	6.00	54.0	5.84	52.9	5.51
	-29.8	-30.0	47.0	6.01	46.1	5.70	45.2	5.38	44.7	5.23	43.8	5.09	42.9	4.80
80	59.0	56.7	113.4	7.58	111.2	7.17	109.1	6.77	108.0	6.60	105.8	6.43	103.7	6.10
	55.4	53.2	113.4	7.68	111.2	7.27	109.1	6.86	108.0	6.69	105.8	6.52	103.7	6.18
	51.8	49.6	113.4	7.79	111.2	7.37	109.1	6.95	108.0	6.78	105.8	6.61	103.7	6.26
	48.2	46.2	113.4	7.90	111.2	7.47	109.1	7.05	108.0	6.87	105.8	6.70	103.7	6.35
	47.0	43.0	113.4	8.01	111.2	7.58	109.1	7.15	108.0	6.97	105.8	6.79	103.7	6.44
	41.0	39.4	113.4	8.14	111.2	7.70	109.1	7.26	108.0	7.08	105.8	6.90	103.7	6.54
	36.5	35.0	113.4	8.30	111.2	7.86	109.1	7.41	108.0	7.23	105.8	7.04	103.7	6.67
	32.0	30.7	113.4	8.48	111.2	8.03	109.1	7.58	108.0	7.39	105.8	7.19	103.7	6.81
	26.6	25.3	113.4	8.73	111.2	8.27	109.1	7.80	108.0	7.60	105.8	7.41	103.7	7.01
	23.0	21.9	113.8	8.94	111.6	8.46	109.5	7.98	108.4	7.78	106.2	7.58	104.0	7.17
	19.4	18.3	115.1	9.24	112.9	8.75	110.7	8.26	109.6	8.05	107.4	7.84	105.2	7.41
	14.0	13.1	117.0	9.72	114.7	9.21	112.5	8.69	111.4	8.46	109.2	8.24	106.9	7.80
	8.2	7.3	119.1	10.32	116.8	9.77	114.5	9.22	113.4	8.99	111.1	8.75	108.9	8.27
	5.9	5.0	113.4	9.99	111.2	9.46	109.1	8.92	108.0	8.69	105.8	8.46	103.7	8.00
	0.0	-0.9	99.2	9.13	97.3	8.64	95.4	8.16	94.5	7.95	92.6	7.74	90.7	7.31
	-3.1	-4.0	91.9	8.66	90.1	8.20	88.4	7.74	87.5	7.54	85.7	7.34	84.0	6.93
	-9.0	-9.4	81.7	8.08	80.2	7.65	78.6	7.23	77.8	7.04	76.3	6.85	74.7	6.47
	-12.6	-13.0	74.7	7.66	73.3	7.25	71.9	6.85	71.2	6.67	69.7	6.48	68.3	6.12
	-17.3	-18.4	64.3	6.98	63.0	6.61	61.8	6.24	61.2	6.07	60.0	5.91	58.7	5.58
	-21.8	-22.0	57.3	6.49	56.2	6.15	55.1	5.81	54.5	5.65	53.4	5.50	52.4	5.19
	-24.6	-25.0	51.4	6.06	50.5	5.74	49.5	5.42	49.0	5.28	48.0	5.13	47.0	4.84
	-29.8	-30.0	41.7	5.29	40.9	5.01	40.2	4.73	39.8	4.60	39.0	4.48	38.2	4.22
70	59.0	56.7	99.2	6.56	97.3	6.21	95.4	5.86	94.5	5.71	92.6	5.57	90.7	5.28
	55.4	53.2	99.2	6.65	97.3	6.29	95.4	5.94	94.5	5.79	92.6	5.64	90.7	5.35
	51.8	49.6	99.2	6.74	97.3	6.38	95.4	6.02	94.5	5.87	92.6	5.72	90.7	5.42
	48.2	46.2	99.2	6.84	97.3	6.47	95.4	6.10	94.5	5.95	92.6	5.80	90.7	5.50
	47.0	43.0	99.2	6.93	97.3	6.56	95.4	6.19	94.5	6.04	92.6	5.88	90.7	5.57
	41.0	39.4	99.2	7.04	97.3	6.67	95.4	6.29	94.5	6.13	92.6	5.98	90.7	5.66
	36.5	35.0	99.2	7.19	97.3	6.80	95.4	6.42	94.5	6.26	92.6	6.10	90.7	5.77
	32.0	30.7	99.2	7.35	97.3	6.95	95.4	6.56	94.5	6.39	92.6	6.23	90.7	5.90
	26.6	25.3	99.2	7.56	97.3	7.16	95.4	6.75	94.5	6.58	92.6	6.41	90.7	6.07
	23.0	21.9	99.6	7.74	97.7	7.32	95.8	6.91	94.8	6.74	92.9	6.56	91.0	6.21
	19.4	18.3	100.7	8.00	98.8	7.57	96.9	7.15	95.9	6.97	94.0	6.78	92.1	6.42
	14.0	13.1	102.4	8.42	100.4	7.97	98.5	7.52	97.5	7.33	95.5	7.14	93.6	6.75
	8.2	7.3	104.2	8.94	102.2	8.46	100.2	7.98	99.2	7.78	97.2	7.57	95.3	7.16
	5.9	5.0	99.2	8.65	97.3	8.19	95.4	7.73	94.5	7.53	92.6	7.33	90.7	6.93
	0.0	-0.9	86.8	7.90	85.2	7.48	83.5	7.06	82.7	6.88	81.0	6.70	79.4	6.33
	-3.1	-4.0	80.4	7.50	78.8	7.10	77.3	6.70	76.5	6.53	75.0	6.35	73.5	6.00
	-9.0	-9.4	71.5	7.00	70.1	6.63	68.8	6.26	68.1	6.09	66.7	5.93	65.4	5.60
	-12.6	-13.0	65.4	6.63	64.1	6.28	62.9	5.93	62.3	5.77	61.0	5.61	59.8	5.30
	-17.3	-18.4	56.2	6.04	55.2	5.72	54.1	5.40	53.5	5.26	52.5	5.12	51.4	4.83
	-21.8	-22.0	50.1	5.62	49.2	5.32	48.2	5.03	47.7	4.89	46.8	4.76	45.8	4.49
	-24.6	-25.0	45.0	5.25	44.2	4.97	43.3	4.70	42.9	4.57	42.0	4.44	41.2	4.19
	-29.8	-30.0	36.5	4.58	35.8	4.34	35.1	4.10	34.8	3.99	34.1	3.88	33.4	3.65

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP144H1FT6PUL/MMY-UP144H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	170.1	10.72	166.9	10.15	163.6	9.57	162.0	9.33	158.8	9.10	155.5	8.62
	55.4	53.2	170.1	10.86	166.9	10.28	163.6	9.69	162.0	9.45	158.8	9.21	155.5	8.73
	51.8	49.6	170.1	11.01	166.9	10.42	163.6	9.83	162.0	9.59	158.8	9.34	155.5	8.85
	48.2	46.2	170.1	11.17	166.9	10.57	163.6	9.97	162.0	9.72	158.8	9.47	155.5	8.98
	47.0	43.0	170.1	11.32	166.9	10.72	163.6	10.11	162.0	9.86	158.8	9.60	155.5	9.10
	41.0	39.4	170.1	11.51	166.9	10.89	163.6	10.27	162.0	10.02	158.8	9.76	155.5	9.25
	36.5	35.0	170.1	11.74	166.9	11.11	163.6	10.49	162.0	10.22	158.8	9.96	155.5	9.43
	32.0	30.7	170.1	12.00	166.9	11.36	163.6	10.71	162.0	10.44	158.8	10.17	155.5	9.63
	26.6	25.3	170.1	12.35	166.9	11.69	163.6	11.03	162.0	10.75	158.8	10.47	155.5	9.91
	23.0	21.9	170.6	12.63	167.4	11.96	164.1	11.28	162.5	11.00	159.2	10.71	156.0	10.14
	19.4	18.3	172.3	13.04	169.0	12.35	165.7	11.65	164.1	11.36	160.8	11.06	157.5	10.47
	14.0	13.1	174.8	13.69	171.4	12.97	168.1	12.24	166.5	11.92	163.1	11.61	159.8	10.98
	8.2	7.3	177.5	14.50	174.1	13.73	170.7	12.96	169.0	12.62	165.7	12.29	162.3	11.62
	5.9	5.0	178.6	14.86	175.2	14.07	171.8	13.28	170.1	12.94	166.7	12.59	163.3	11.91
	0.0	-0.9	178.6	15.61	175.2	14.78	171.8	13.95	170.1	13.59	166.7	13.23	163.3	12.50
	-3.1	-4.0	170.1	15.25	166.9	14.44	163.6	13.63	162.0	13.28	158.8	12.92	155.5	12.21
	-9.0	-9.4	154.8	14.57	151.8	13.80	148.9	13.03	147.4	12.69	144.5	12.34	141.5	11.66
	-12.6	-13.0	144.6	14.11	141.8	13.36	139.1	12.61	137.7	12.28	134.9	11.95	132.2	11.28
	-17.3	-18.4	129.3	13.38	126.8	12.67	124.4	11.97	123.1	11.65	120.7	11.33	118.2	10.70
	-21.8	-22.0	119.1	12.88	116.8	12.20	114.5	11.52	113.4	11.21	111.1	10.91	108.9	10.29
	-24.6	-25.0	110.6	12.44	108.5	11.79	106.4	11.13	105.3	10.83	103.2	10.54	101.1	9.94
	-29.8	-30.0	96.4	11.68	94.6	11.06	92.7	10.45	91.8	10.17	90.0	9.89	88.1	9.32
110	59.0	56.7	173.5	10.77	170.2	10.19	166.9	9.62	165.2	9.38	161.9	9.14	158.6	8.66
	55.4	53.2	173.5	10.91	170.2	10.33	166.9	9.74	165.2	9.50	161.9	9.26	158.6	8.77
	51.8	49.6	173.5	11.06	170.2	10.47	166.9	9.88	165.2	9.63	161.9	9.39	158.6	8.90
	48.2	46.2	173.5	11.22	170.2	10.62	166.9	10.02	165.2	9.77	161.9	9.52	158.6	9.02
	47.0	43.0	173.5	11.38	170.2	10.77	166.9	10.16	165.2	9.90	161.9	9.65	158.6	9.14
	41.0	39.4	173.5	11.56	170.2	10.94	166.9	10.32	165.2	10.06	161.9	9.80	158.6	9.29
	36.5	35.0	173.5	11.80	170.2	11.17	166.9	10.53	165.2	10.27	161.9	10.00	158.6	9.48
	32.0	30.7	173.5	12.05	170.2	11.41	166.9	10.76	165.2	10.49	161.9	10.22	158.6	9.68
	26.6	25.3	173.5	12.41	170.2	11.74	166.9	11.08	165.2	10.80	161.9	10.52	158.6	9.96
	23.0	21.9	174.0	12.69	170.7	12.01	167.4	11.34	165.7	11.05	162.4	10.76	159.1	10.19
	19.4	18.3	175.8	13.10	172.4	12.41	169.1	11.71	167.4	11.41	164.0	11.11	160.7	10.51
	14.0	13.1	178.3	13.76	174.9	13.03	171.5	12.29	169.8	11.98	166.4	11.66	163.0	11.03
	8.2	7.3	181.0	14.57	177.6	13.79	174.2	13.02	172.4	12.68	169.0	12.35	165.5	11.68
	5.9	5.0	182.2	14.93	178.7	14.14	175.2	13.34	173.5	13.00	170.0	12.65	166.6	11.96
	0.0	-0.9	182.2	15.68	178.7	14.85	175.2	14.02	173.5	13.65	170.0	13.29	166.6	12.56
	-3.1	-4.0	173.5	15.32	170.2	14.51	166.9	13.70	165.2	13.34	161.9	12.98	158.6	12.27
	-9.0	-9.4	157.9	14.64	154.9	13.86	151.9	13.09	150.4	12.75	147.4	12.40	144.4	11.72
	-12.6	-13.0	147.5	14.17	144.7	13.42	141.9	12.67	140.5	12.34	137.6	12.00	134.8	11.34
	-17.3	-18.4	131.9	13.44	129.3	12.73	126.8	12.02	125.6	11.70	123.1	11.39	120.6	10.75
	-21.8	-22.0	121.5	12.94	119.1	12.26	116.8	11.57	115.7	11.26	113.4	10.96	111.0	10.34
	-24.6	-25.0	112.8	12.50	110.6	11.84	108.5	11.18	107.4	10.88	105.3	10.59	103.1	9.99
	-29.8	-30.0	98.3	11.73	96.4	11.12	94.6	10.50	93.6	10.22	91.8	9.93	89.9	9.37
120	59.0	56.7	178.6	10.92	175.2	10.34	171.8	9.75	170.1	9.51	166.7	9.27	163.3	8.79
	55.4	53.2	178.6	11.07	175.2	10.47	171.8	9.88	170.1	9.63	166.7	9.39	163.3	8.90
	51.8	49.6	178.6	11.22	175.2	10.62	171.8	10.02	170.1	9.77	166.7	9.52	163.3	9.02
	48.2	46.2	178.6	11.38	175.2	10.77	171.8	10.16	170.1	9.91	166.7	9.65	163.3	9.15
	47.0	43.0	178.6	11.54	175.2	10.92	171.8	10.30	170.1	10.04	166.7	9.79	163.3	9.27
	41.0	39.4	178.6	11.72	175.2	11.10	171.8	10.47	170.1	10.21	166.7	9.94	163.3	9.42
	36.5	35.0	178.6	11.96	175.2	11.32	171.8	10.68	170.1	10.41	166.7	10.15	163.3	9.61
	32.0	30.7	178.6	12.22	175.2	11.57	171.8	10.92	170.1	10.64	166.7	10.37	163.3	9.82
	26.6	25.3	178.6	12.58	175.2	11.91	171.8	11.24	170.1	10.95	166.7	10.67	163.3	10.10
	23.0	21.9	179.1	12.87	175.7	12.18	172.3	11.50	170.6	11.21	167.2	10.91	163.8	10.33
	19.4	18.3	180.9	13.29	177.5	12.58	174.0	11.87	172.3	11.57	168.9	11.27	165.4	10.66
	14.0	13.1	183.5	13.95	180.0	13.21	176.5	12.47	174.8	12.15	171.3	11.83	167.8	11.19
	8.2	7.3	186.4	14.78	182.8	13.99	179.3	13.20	177.5	12.86	173.9	12.52	170.4	11.84
	5.9	5.0	187.5	15.14	184.0	14.34	180.4	13.53	178.6	13.18	175.0	12.83	171.5	12.13
	0.0	-0.9	187.5	15.91	184.0	15.06	180.4	14.22	178.6	13.85	175.0	13.48	171.5	12.74
	-3.1	-4.0	178.6	15.54	175.2	14.71	171.8	13.89	170.1	13.53	166.7	13.17	163.3	12.44
	-9.0	-9.4	162.5	14.85	159.4	14.06	156.3	13.27	154.8	12.93	151.7	12.58	148.6	11.88
	-12.6	-13.0	151.8	14.37	148.9	13.61	146.0	12.85	144.6	12.51	141.7	12.17	138.8	11.50
	-17.3	-18.4	135.7	13.63	133.2	12.91	130.6	12.19	129.3	11.87	126.7	11.55	124.1	10.90
	-21.8	-22.0	125.0	13.12	122.6	12.43	120.3	11.74	119.1	11.42	116.7	11.11	114.3	10.49
	-24.6	-25.0	116.1	12.68	113.9	12.01	111.7	11.34	110.6	11.04	108.4	10.73	106.1	10.13
	-29.8	-30.0	101.2	11.90	99.3	11.27	97.4	10.65	96.4	10.36	94.5	10.07	92.5	9.50
130	59.0	56.7	182.9	11.02	179.4	10.43	175.9	9.84	174.2	9.59	170.7	9.35	167.2	8.86
	55.4	53.2	182.9	11.16	179.4	10.56	175.9	9.96	174.2	9.72	170.7	9.47	167.2	8.98
	51.8	49.6	182.9	11.32	179.4	10.71	175.9	10.11	174.2	9.86	170.7	9.60	167.2	9.10
	48.2	46.2	182.9	11.48	179.4	10.86	175.9	10.25	174.2	9.99	170.7	9.74	167.2	9.23
	47.0	43.0	182.9	11.64	179.4	11.02	175.9	10.39	174.2	10.13	170.7	9.87	167.2	9.35
	41.0	39.4	182.9	11.83	179.4	11.19	175.9	10.56	174.2	10.30	170.7	10.03	167.2	9.50
	36.5	35.0	182.9	12.07	179.4	11.42	175.9	10.78	174.2	10.51	170.7	10.24	167.2	9.70
	32.0	30.7	182.9	12.33	179.4	11.67	175.9	11.01	174.2	10.74	170.7	10.46	167.2	9.90
	26.6	25.3	182.9	12.69	179.4	12.02	175.9	11.34	174.2	11.05	170.7	10.76	167.2	10.19
	23.0	21.9	183.4	12.99	179.9	12.29	176.4	11.60	174.7	11.30	171.2	11.01	167.7	10.42
	19.4	18.3	185.2	13.41	181.7	12.69	178.2	11.98	176.4	11.67	172.9	11.37	169.4	10.76
	14.0	13.1	187.9	14.08	184.3	13.33	180.7	12.58	178.9	12.25	175.4	11.93	171.8	11.29
	8.2	7.3	190.8	14.91	187.2	14.11	183.5	13.32	181.7	12.98	178.1	12.63	174.5	11.95
	5.9	5.0	192.0	15.27	188.3	14.46	184.7	13.65	182.9	13.30	179.2	12.95	175.5	12.24
	0.0	-0.9	192.0	16.05	188.3	15.19	184.7	14.34	182.9	13.97	179.2	13.60	175.5	12.85
	-3.1	-4.0	182.9	15.68	179.4	14.84	175.9	14.01	174.2	13.65	170.7	13.28	167.2	12.55
	-9.0	-9.4	166.4	14.98	163.2	14.18	160.1	13.39	158.5	13.04	155.3	12.69	152.1	11.99
	-12.6	-13.0	155.4	14.50	152.5	13.73	149.5	12.96	148.0	12.62	145.1	12.28	142.1	11.60
	-17.3	-18.4	139.0	13.76	136.3	13.03	133.7	12.30	132.4	11.98	129.7	11.65	127.1	11.00
	-21.8	-22.0	128.0	13.24	125.6	12.54	123.1	11.84	121.9	11.53	119.5	11.21	117.0	10.58
	-24.6	-25.0	118.9	12.79	116.6	12.12	114.3	11.44	113.2	11.14	110.9	10.83	108.7	10.22
	-29.8	-30.0	103.6	12.00	101.6	11.37	99.7	10.74	98.7	10.45	96.7	10.16	94.7	9.58

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	153.1	9.55	150.2	9.03	147.3	8.52	145.8	8.31	142.9	8.10	140.0	7.68
	55.4	53.2	153.1	9.67	150.2	9.15	147.3	8.63	145.8	8.42	142.9	8.20	140.0	7.78
	51.8	49.6	153.1	9.81	150.2	9.28	147.3	8.75	145.8	8.54	142.9	8.32	140.0	7.88
	48.2	46.2	153.1	9.94	150.2	9.41	147.3	8.88	145.8	8.66	142.9	8.44	140.0	7.99
	47.0	43.0	153.1	10.08	150.2	9.54	147.3	9.00	145.8	8.78	142.9	8.55	140.0	8.10
	41.0	39.4	153.1	10.24	150.2	9.70	147.3	9.15	145.8	8.92	142.9	8.69	140.0	8.23
	36.5	35.0	153.1	10.45	150.2	9.89	147.3	9.34	145.8	9.10	142.9	8.87	140.0	8.40
	32.0	30.7	153.1	10.68	150.2	10.11	147.3	9.54	145.8	9.30	142.9	9.06	140.0	8.58
	26.6	25.3	153.1	11.00	150.2	10.41	147.3	9.82	145.8	9.57	142.9	9.32	140.0	8.83
	23.0	21.9	153.5	11.25	150.6	10.65	147.7	10.05	146.2	9.79	143.3	9.54	140.4	9.03
	19.4	18.3	155.1	11.61	152.1	10.99	149.2	10.37	147.7	10.11	144.7	9.85	141.8	9.32
	14.0	13.1	157.3	12.19	154.3	11.54	151.3	10.89	149.8	10.61	146.8	10.34	143.8	9.78
	8.2	7.3	159.7	12.91	156.7	12.22	153.7	11.54	152.1	11.24	149.1	10.94	146.1	10.35
	5.9	5.0	160.7	13.23	157.7	12.53	154.6	11.82	153.1	11.52	150.0	11.21	147.0	10.60
	0.0	-0.9	160.7	13.90	157.7	13.16	154.6	12.42	153.1	12.10	150.0	11.78	147.0	11.13
	-3.1	-4.0	153.1	13.58	150.2	12.86	147.3	12.14	145.8	11.82	142.9	11.51	140.0	10.87
	-9.0	-9.4	139.3	12.97	136.7	12.29	134.0	11.60	132.7	11.30	130.0	10.99	127.4	10.38
	-12.6	-13.0	130.1	12.56	127.6	11.89	125.2	11.23	123.9	10.93	121.5	10.64	119.0	10.05
	-17.3	-18.4	116.3	11.91	114.1	11.29	111.9	10.66	110.8	10.37	108.6	10.09	106.4	9.53
	-21.8	-22.0	107.2	11.47	105.1	10.86	103.1	10.26	102.1	9.98	100.0	9.71	98.0	9.16
	-24.6	-25.0	99.5	11.08	97.6	10.49	95.7	9.91	94.8	9.65	92.9	9.38	91.0	8.85
	-29.8	-30.0	86.8	10.40	85.1	9.85	83.4	9.30	82.6	9.05	81.0	8.80	79.3	8.30
80	59.0	56.7	136.1	8.40	133.5	7.94	130.9	7.49	129.6	7.31	127.0	7.12	124.4	6.75
	55.4	53.2	136.1	8.50	133.5	8.05	130.9	7.59	129.6	7.40	127.0	7.21	124.4	6.84
	51.8	49.6	136.1	8.62	133.5	8.16	130.9	7.70	129.6	7.51	127.0	7.32	124.4	6.93
	48.2	46.2	136.1	8.74	133.5	8.28	130.9	7.81	129.6	7.61	127.0	7.42	124.4	7.03
	47.0	43.0	136.1	8.87	133.5	8.39	130.9	7.92	129.6	7.72	127.0	7.52	124.4	7.13
	41.0	39.4	136.1	9.01	133.5	8.53	130.9	8.04	129.6	7.84	127.0	7.64	124.4	7.24
	36.5	35.0	136.1	9.19	133.5	8.70	130.9	8.21	129.6	8.00	127.0	7.80	124.4	7.39
	32.0	30.7	136.1	9.39	133.5	8.89	130.9	8.39	129.6	8.18	127.0	7.97	124.4	7.54
	26.6	25.3	136.1	9.67	133.5	9.15	130.9	8.64	129.6	8.42	127.0	8.20	124.4	7.76
	23.0	21.9	136.5	9.89	133.9	9.36	131.3	8.84	130.0	8.61	127.4	8.39	124.8	7.94
	19.4	18.3	137.8	10.21	135.2	9.67	132.6	9.12	131.3	8.89	128.7	8.66	126.0	8.19
	14.0	13.1	139.8	10.72	137.2	10.15	134.5	9.58	133.2	9.34	130.5	9.09	127.8	8.60
	8.2	7.3	142.0	11.35	139.3	10.75	136.6	10.15	135.2	9.89	132.5	9.62	129.8	9.10
	5.9	5.0	142.9	11.64	140.2	11.02	137.4	10.40	136.1	10.13	133.4	9.86	130.6	9.33
	0.0	-0.9	142.9	12.22	140.2	11.57	137.4	10.93	136.1	10.64	133.4	10.36	130.6	9.79
	-3.1	-4.0	136.1	11.94	133.5	11.31	130.9	10.67	129.6	10.40	127.0	10.12	124.4	9.56
	-9.0	-9.4	123.8	11.41	121.5	10.81	119.1	10.20	117.9	9.93	115.6	9.67	113.2	9.13
	-12.6	-13.0	115.7	11.05	113.5	10.46	111.3	9.88	110.2	9.62	108.0	9.36	105.8	8.84
	-17.3	-18.4	103.4	10.48	101.5	9.92	99.5	9.37	98.5	9.12	96.5	8.87	94.6	8.38
	-21.8	-22.0	95.3	10.08	93.4	9.55	91.6	9.02	90.7	8.78	88.9	8.54	87.1	8.06
	-24.6	-25.0	88.5	9.74	86.8	9.23	85.1	8.72	84.2	8.48	82.6	8.25	80.9	7.78
	-29.8	-30.0	77.1	9.14	75.6	8.66	74.2	8.18	73.4	7.96	72.0	7.74	70.5	7.30
70	59.0	56.7	119.1	7.27	116.8	6.88	114.5	6.49	113.4	6.33	111.1	6.17	108.9	5.85
	55.4	53.2	119.1	7.36	116.8	6.97	114.5	6.57	113.4	6.41	111.1	6.25	108.9	5.92
	51.8	49.6	119.1	7.47	116.8	7.07	114.5	6.67	113.4	6.50	111.1	6.33	108.9	6.00
	48.2	46.2	119.1	7.57	116.8	7.17	114.5	6.76	113.4	6.59	111.1	6.42	108.9	6.09
	47.0	43.0	119.1	7.68	116.8	7.27	114.5	6.85	113.4	6.68	111.1	6.51	108.9	6.17
	41.0	39.4	119.1	7.80	116.8	7.38	114.5	6.96	113.4	6.79	111.1	6.62	108.9	6.27
	36.5	35.0	119.1	7.96	116.8	7.53	114.5	7.11	113.4	6.93	111.1	6.75	108.9	6.39
	32.0	30.7	119.1	8.13	116.8	7.70	114.5	7.26	113.4	7.08	111.1	6.90	108.9	6.53
	26.6	25.3	119.1	8.37	116.8	7.93	114.5	7.48	113.4	7.29	111.1	7.10	108.9	6.72
	23.0	21.9	119.4	8.56	117.2	8.11	114.9	7.65	113.7	7.46	111.5	7.26	109.2	6.87
	19.4	18.3	120.6	8.84	118.3	8.37	116.0	7.90	114.9	7.70	112.6	7.50	110.3	7.10
	14.0	13.1	122.3	9.28	120.0	8.79	117.7	8.29	116.5	8.08	114.2	7.87	111.9	7.45
	8.2	7.3	124.2	9.83	121.9	9.31	119.5	8.78	118.3	8.56	116.0	8.33	113.6	7.88
	5.9	5.0	125.0	10.07	122.6	9.54	120.3	9.00	119.1	8.77	116.7	8.54	114.3	8.07
	0.0	-0.9	125.0	10.58	122.6	10.02	120.3	9.46	119.1	9.21	116.7	8.97	114.3	8.48
	-3.1	-4.0	119.1	10.34	116.8	9.79	114.5	9.24	113.4	9.00	111.1	8.76	108.9	8.28
	-9.0	-9.4	108.4	9.88	106.3	9.36	104.2	8.83	103.2	8.60	101.1	8.37	99.1	7.91
	-12.6	-13.0	101.2	9.56	99.3	9.06	97.4	8.55	96.4	8.33	94.5	8.10	92.5	7.65
	-17.3	-18.4	90.5	9.07	88.8	8.59	87.0	8.11	86.2	7.90	84.5	7.68	82.7	7.25
	-21.8	-22.0	83.3	8.73	81.8	8.27	80.2	7.81	79.4	7.60	77.8	7.39	76.2	6.98
	-24.6	-25.0	77.4	8.44	75.9	7.99	74.4	7.55	73.7	7.34	72.2	7.14	70.8	6.74
	-29.8	-30.0	67.5	7.92	66.2	7.50	64.9	7.08	64.3	6.89	63.0	6.70	61.7	6.32

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP192H1FT6PUL/MMY-UP192H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	226.8	15.37	222.5	14.55	218.2	13.72	216.0	13.38	211.7	13.04	207.4	12.37
	55.4	53.2	226.8	15.57	222.5	14.74	218.2	13.90	216.0	13.56	211.7	13.21	207.4	12.52
	51.8	49.6	226.8	15.79	222.5	14.95	218.2	14.10	216.0	13.75	211.7	13.40	207.4	12.70
	48.2	46.2	226.8	16.01	222.5	15.16	218.2	14.30	216.0	13.94	211.7	13.58	207.4	12.87
	47.0	43.0	226.8	16.24	222.5	15.37	218.2	14.50	216.0	14.13	211.7	13.77	207.4	13.05
	41.0	39.4	226.8	16.50	222.5	15.61	218.2	14.73	216.0	14.36	211.7	13.99	207.4	13.26
	36.5	35.0	226.8	16.84	222.5	15.94	218.2	15.03	216.0	14.66	211.7	14.28	207.4	13.52
	32.0	30.7	226.8	17.20	222.5	16.28	218.2	15.36	216.0	14.98	211.7	14.59	207.4	13.81
	26.6	25.3	226.8	17.71	222.5	16.76	218.2	15.82	216.0	15.42	211.7	15.02	207.4	14.21
	23.0	21.9	227.5	18.11	223.1	17.15	218.8	16.18	216.6	15.77	212.3	15.36	208.0	14.54
	19.4	18.3	229.7	18.70	225.4	17.71	221.0	16.71	218.8	16.28	214.4	15.86	210.1	15.01
	14.0	13.1	233.0	19.64	228.6	18.59	224.2	17.54	221.9	17.10	217.5	16.65	213.1	15.75
	8.2	7.3	236.7	20.79	232.2	19.69	227.6	18.58	225.4	18.10	220.9	17.62	216.4	16.67
	5.9	5.0	238.1	21.31	233.6	20.17	229.1	19.04	226.8	18.55	222.3	18.06	217.7	17.08
	0.0	-0.9	215.7	20.19	211.6	19.11	207.5	18.04	205.4	17.57	201.3	17.11	197.2	16.17
	-3.1	-4.0	204.1	19.59	200.2	18.55	196.3	17.51	194.4	17.06	190.5	16.60	186.6	15.69
	-9.0	-9.4	183.7	18.51	180.2	17.53	176.7	16.54	175.0	16.11	171.5	15.68	168.0	14.81
	-12.6	-13.0	170.1	17.75	166.9	16.81	163.6	15.87	162.0	15.46	158.8	15.04	155.5	14.20
	-17.3	-18.4	149.7	16.57	146.8	15.69	144.0	14.82	142.6	14.42	139.7	14.03	136.9	13.25
	-21.8	-22.0	136.1	15.73	133.5	14.90	130.9	14.07	129.6	13.70	127.0	13.32	124.4	12.57
	-24.6	-25.0	124.7	15.00	122.4	14.21	120.0	13.42	118.8	13.06	116.4	12.70	114.0	11.98
	-29.8	-30.0	105.8	13.69	103.8	12.97	101.8	12.25	100.8	11.92	98.8	11.59	96.8	10.93
110	59.0	56.7	231.3	15.45	226.9	14.62	222.5	13.79	220.3	13.45	215.9	13.11	211.5	12.42
	55.4	53.2	231.3	15.64	226.9	14.80	222.5	13.97	220.3	13.62	215.9	13.27	211.5	12.58
	51.8	49.6	231.3	15.87	226.9	15.01	222.5	14.16	220.3	13.81	215.9	13.46	211.5	12.76
	48.2	46.2	231.3	16.09	226.9	15.23	222.5	14.36	220.3	14.01	215.9	13.65	211.5	12.93
	47.0	43.0	231.3	16.31	226.9	15.44	222.5	14.56	220.3	14.20	215.9	13.84	211.5	13.11
	41.0	39.4	231.3	16.58	226.9	15.69	222.5	14.80	220.3	14.43	215.9	14.06	211.5	13.32
	36.5	35.0	231.3	16.91	226.9	16.01	222.5	15.10	220.3	14.73	215.9	14.35	211.5	13.59
	32.0	30.7	231.3	17.28	226.9	16.36	222.5	15.44	220.3	15.05	215.9	14.66	211.5	13.88
	26.6	25.3	231.3	17.79	226.9	16.84	222.5	15.89	220.3	15.49	215.9	15.09	211.5	14.28
	23.0	21.9	232.0	18.20	227.6	17.23	223.2	16.26	221.0	15.84	216.6	15.43	212.1	14.60
	19.4	18.3	234.3	18.79	229.9	17.79	225.4	16.79	223.2	16.36	218.7	15.93	214.3	15.08
	14.0	13.1	237.7	19.73	233.2	18.68	228.6	17.63	226.4	17.17	221.9	16.72	217.3	15.82
	8.2	7.3	241.4	20.89	236.8	19.78	232.2	18.67	229.9	18.19	225.3	17.71	220.7	16.75
	5.9	5.0	242.9	21.41	238.3	20.27	233.6	19.13	231.3	18.64	226.7	18.14	222.1	17.16
	0.0	-0.9	220.0	20.28	215.8	19.20	211.6	18.13	209.5	17.66	205.3	17.19	201.1	16.24
	-3.1	-4.0	208.2	19.68	204.2	18.64	200.3	17.59	198.3	17.14	194.3	16.68	190.4	15.76
	-9.0	-9.4	187.4	18.59	183.8	17.61	180.2	16.62	178.5	16.19	174.9	15.75	171.3	14.88
	-12.6	-13.0	173.5	17.84	170.2	16.89	166.9	15.95	165.2	15.53	161.9	15.11	158.6	14.27
	-17.3	-18.4	152.7	16.64	149.8	15.76	146.9	14.88	145.4	14.49	142.5	14.10	139.6	13.31
	-21.8	-22.0	138.8	15.80	136.2	14.97	133.5	14.14	132.2	13.76	129.5	13.38	126.9	12.63
	-24.6	-25.0	127.2	15.07	124.8	14.27	122.4	13.48	121.2	13.12	118.8	12.76	116.3	12.04
	-29.8	-30.0	108.0	13.75	105.9	13.03	103.8	12.31	102.8	11.97	100.8	11.64	98.7	10.98
120	59.0	56.7	238.1	15.66	233.6	14.82	229.1	13.98	226.8	13.64	222.3	13.29	217.7	12.60
	55.4	53.2	238.1	15.87	233.6	15.01	229.1	14.16	226.8	13.81	222.3	13.46	217.7	12.76
	51.8	49.6	238.1	16.09	233.6	15.23	229.1	14.36	226.8	14.01	222.3	13.65	217.7	12.94
	48.2	46.2	238.1	16.32	233.6	15.44	229.1	14.57	226.8	14.20	222.3	13.84	217.7	13.12
	47.0	43.0	238.1	16.54	233.6	15.66	229.1	14.77	226.8	14.40	222.3	14.03	217.7	13.29
	41.0	39.4	238.1	16.81	233.6	15.91	229.1	15.01	226.8	14.63	222.3	14.26	217.7	13.51
	36.5	35.0	238.1	17.15	233.6	16.24	229.1	15.32	226.8	14.93	222.3	14.55	217.7	13.78
	32.0	30.7	238.1	17.53	233.6	16.59	229.1	15.65	226.8	15.26	222.3	14.86	217.7	14.08
	26.6	25.3	238.1	18.04	233.6	17.08	229.1	16.11	226.8	15.71	222.3	15.30	217.7	14.48
	23.0	21.9	238.9	18.46	234.3	17.47	229.8	16.49	227.5	16.07	222.9	15.65	218.4	14.81
	19.4	18.3	241.2	19.06	236.6	18.04	232.0	17.02	229.7	16.59	225.2	16.16	220.6	15.29
	14.0	13.1	244.7	20.01	240.0	18.94	235.4	17.88	233.0	17.42	228.4	16.96	223.7	16.05
	8.2	7.3	248.5	21.19	243.8	20.06	239.0	18.93	236.7	18.44	231.9	17.96	227.2	16.98
	5.9	5.0	250.0	21.71	245.3	20.56	240.5	19.40	238.1	18.90	233.4	18.40	228.6	17.40
	0.0	-0.9	226.5	20.57	222.2	19.47	217.8	18.38	215.7	17.91	211.4	17.43	207.1	16.47
	-3.1	-4.0	214.3	19.96	210.2	18.90	206.2	17.84	204.1	17.38	200.0	16.91	196.0	15.98
	-9.0	-9.4	192.9	18.86	189.2	17.86	185.5	16.86	183.7	16.42	180.0	15.97	176.4	15.09
	-12.6	-13.0	178.6	18.09	175.2	17.13	171.8	16.17	170.1	15.75	166.7	15.32	163.3	14.47
	-17.3	-18.4	157.2	16.88	154.2	15.99	151.2	15.10	149.7	14.70	146.7	14.30	143.7	13.50
	-21.8	-22.0	142.9	16.03	140.2	15.18	137.4	14.34	136.1	13.95	133.4	13.57	130.6	12.81
	-24.6	-25.0	131.0	15.28	128.5	14.48	126.0	13.67	124.7	13.30	122.2	12.94	119.8	12.21
	-29.8	-30.0	111.1	13.95	109.0	13.21	106.9	12.48	105.8	12.14	103.7	11.81	101.6	11.14
130	59.0	56.7	243.8	15.80	239.2	14.95	234.5	14.11	232.2	13.76	227.6	13.41	222.9	12.71
	55.4	53.2	243.8	16.01	239.2	15.15	234.5	14.29	232.2	13.93	227.6	13.58	222.9	12.87
	51.8	49.6	243.8	16.23	239.2	15.36	234.5	14.49	232.2	14.13	227.6	13.77	222.9	13.05
	48.2	46.2	243.8	16.46	239.2	15.58	234.5	14.70	232.2	14.33	227.6	13.96	222.9	13.23
	47.0	43.0	243.8	16.69	239.2	15.79	234.5	14.90	232.2	14.53	227.6	14.16	222.9	13.41
	41.0	39.4	243.8	16.96	239.2	16.05	234.5	15.14	232.2	14.76	227.6	14.38	222.9	13.63
	36.5	35.0	243.8	17.31	239.2	16.38	234.5	15.45	232.2	15.07	227.6	14.68	222.9	13.90
	32.0	30.7	243.8	17.68	239.2	16.74	234.5	15.79	232.2	15.39	227.6	15.00	222.9	14.20
	26.6	25.3	243.8	18.20	239.2	17.23	234.5	16.26	232.2	15.85	227.6	15.43	222.9	14.61
	23.0	21.9	244.5	18.62	239.9	17.63	235.2	16.63	232.9	16.21	228.2	15.79	223.6	14.94
	19.4	18.3	247.0	19.23	242.3	18.20	237.6	17.17	235.2	16.74	230.5	16.30	225.8	15.42
	14.0	13.1	250.5	20.18	245.7	19.11	241.0	18.03	238.6	17.57	233.8	17.11	229.0	16.19
	8.2	7.3	254.4	21.37	249.6	20.24	244.7	19.10	242.3	18.61	237.5	18.12	232.6	17.13
	5.9	5.0	256.0	21.90	251.1	20.74	246.2	19.57	243.8	19.07	238.9	18.56	234.1	17.55
	0.0	-0.9	231.9	20.75	227.4	19.65	223.0	18.55	220.8	18.06	216.4	17.58	212.0	16.62
	-3.1	-4.0	219.4	20.14	215.2	19.07	211.1	18.00	209.0	17.53	204.8	17.06	200.6	16.13
	-9.0	-9.4	197.5	19.02	193.7	18.01	190.0	17.01	188.1	16.56	184.3	16.11	180.6	15.22
	-12.6	-13.0	182.9	18.25	179.4	17.28	175.9	16.32	174.2	15.89	170.7	15.46	167.2	14.60
	-17.3	-18.4	160.9	17.03	157.8	16.13	154.8	15.23	153.3	14.83	150.2	14.42	147.1	13.62
	-21.8	-22.0	146.3	16.17	143.5	15.32	140.7	14.46	139.3	14.08	136.5	13.69	133.7	12.92
	-24.6	-25.0	134.1	15.42	131.5	14.60	129.0	13.79	127.7	13.42	125.2	13.05	122.6	12.32
	-29.8	-30.0	113.8	14.07	111.6	13.33	109.4	12.59	108.4	12.25	106.2	11.91	104.0	11.23

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	204.1	13.69	200.2	12.95	196.3	12.22	194.4	11.92	190.5	11.61	186.6	11.01
	55.4	53.2	204.1	13.86	200.2	13.12	196.3	12.38	194.4	12.07	190.5	11.76	186.6	11.15
	51.8	49.6	204.1	14.06	200.2	13.31	196.3	12.55	194.4	12.24	190.5	11.93	186.6	11.30
	48.2	46.2	204.1	14.26	200.2	13.49	196.3	12.73	194.4	12.41	190.5	12.09	186.6	11.46
	47.0	43.0	204.1	14.46	200.2	13.68	196.3	12.91	194.4	12.58	190.5	12.26	186.6	11.62
	41.0	39.4	204.1	14.69	200.2	13.90	196.3	13.12	194.4	12.79	190.5	12.46	186.6	11.80
	36.5	35.0	204.1	14.99	200.2	14.19	196.3	13.39	194.4	13.05	190.5	12.71	186.6	12.04
	32.0	30.7	204.1	15.32	200.2	14.50	196.3	13.68	194.4	13.33	190.5	12.99	186.6	12.30
	26.6	25.3	204.1	15.77	200.2	14.92	196.3	14.08	194.4	13.73	190.5	13.37	186.6	12.66
	23.0	21.9	204.7	16.13	200.8	15.27	196.9	14.41	195.0	14.04	191.1	13.67	187.2	12.94
	19.4	18.3	206.8	16.65	202.8	15.76	198.9	14.88	196.9	14.50	193.0	14.12	189.1	13.36
	14.0	13.1	209.7	17.48	205.7	16.55	201.7	15.62	199.7	15.22	195.8	14.82	191.8	14.02
	8.2	7.3	213.0	18.51	208.9	17.53	204.9	16.54	202.9	16.12	198.8	15.69	194.7	14.84
	5.9	5.0	214.3	18.97	210.2	17.96	206.2	16.95	204.1	16.52	200.0	16.08	196.0	15.20
	0.0	-0.9	194.1	17.97	190.4	17.02	186.7	16.06	184.9	15.65	181.2	15.23	177.5	14.40
	-3.1	-4.0	183.7	17.44	180.2	16.52	176.7	15.59	175.0	15.19	171.5	14.78	168.0	13.97
	-9.0	-9.4	165.3	16.48	162.2	15.60	159.0	14.73	157.5	14.34	154.3	13.96	151.2	13.19
	-12.6	-13.0	153.1	15.81	150.2	14.97	147.3	14.13	145.8	13.76	142.9	13.39	140.0	12.65
	-17.3	-18.4	134.7	14.75	132.2	13.97	129.6	13.19	128.3	12.84	125.7	12.49	123.2	11.79
	-21.8	-22.0	122.5	14.01	120.1	13.27	117.8	12.53	116.6	12.19	114.3	11.86	112.0	11.19
	-24.6	-25.0	112.3	13.35	110.1	12.65	108.0	11.95	106.9	11.63	104.8	11.31	102.6	10.67
	-29.8	-30.0	95.3	12.19	93.4	11.55	91.6	10.91	90.7	10.61	88.9	10.32	87.1	9.73
80	59.0	56.7	181.4	12.04	178.0	11.39	174.5	10.75	172.8	10.48	169.3	10.21	165.9	9.68
	55.4	53.2	181.4	12.19	178.0	11.54	174.5	10.88	172.8	10.61	169.3	10.34	165.9	9.81
	51.8	49.6	181.4	12.37	178.0	11.70	174.5	11.04	172.8	10.76	169.3	10.49	165.9	9.94
	48.2	46.2	181.4	12.54	178.0	11.87	174.5	11.19	172.8	10.92	169.3	10.64	165.9	10.08
	47.0	43.0	181.4	12.71	178.0	12.03	174.5	11.35	172.8	11.07	169.3	10.78	165.9	10.22
	41.0	39.4	181.4	12.92	178.0	12.23	174.5	11.53	172.8	11.25	169.3	10.96	165.9	10.38
	36.5	35.0	181.4	13.18	178.0	12.48	174.5	11.77	172.8	11.48	169.3	11.18	165.9	10.59
	32.0	30.7	181.4	13.47	178.0	12.75	174.5	12.03	172.8	11.73	169.3	11.42	165.9	10.82
	26.6	25.3	181.4	13.87	178.0	13.13	174.5	12.38	172.8	12.07	169.3	11.76	165.9	11.13
	23.0	21.9	182.0	14.18	178.5	13.43	175.1	12.67	173.3	12.35	169.9	12.03	166.4	11.38
	19.4	18.3	183.8	14.65	180.3	13.86	176.8	13.08	175.0	12.75	171.5	12.42	168.0	11.75
	14.0	13.1	186.4	15.38	182.9	14.56	179.3	13.74	177.6	13.39	174.0	13.03	170.4	12.33
	8.2	7.3	189.3	16.28	185.7	15.42	182.1	14.55	180.3	14.17	176.7	13.80	173.1	13.05
	5.9	5.0	190.5	16.68	186.9	15.80	183.3	14.91	181.4	14.52	177.8	14.14	174.2	13.37
	0.0	-0.9	172.5	15.81	169.3	14.97	166.0	14.13	164.3	13.76	161.0	13.39	157.8	12.66
	-3.1	-4.0	163.3	15.34	160.2	14.53	157.1	13.71	155.5	13.35	152.4	13.00	149.3	12.28
	-9.0	-9.4	147.0	14.49	144.2	13.72	141.4	12.95	140.0	12.62	137.2	12.28	134.4	11.60
	-12.6	-13.0	136.1	13.90	133.5	13.16	130.9	12.43	129.6	12.10	127.0	11.77	124.4	11.12
	-17.3	-18.4	119.8	12.97	117.5	12.29	115.2	11.60	114.0	11.29	111.8	10.99	109.5	10.37
	-21.8	-22.0	108.9	12.32	106.8	11.67	104.7	11.02	103.7	10.72	101.6	10.43	99.5	9.84
	-24.6	-25.0	99.8	11.74	97.9	11.12	96.0	10.51	95.0	10.22	93.1	9.94	91.2	9.38
	-29.8	-30.0	84.7	10.72	83.1	10.16	81.4	9.59	80.6	9.33	79.0	9.07	77.4	8.56
70	59.0	56.7	158.8	10.42	155.7	9.86	152.7	9.30	151.2	9.07	148.2	8.84	145.2	8.38
	55.4	53.2	158.8	10.56	155.7	9.99	152.7	9.42	151.2	9.19	148.2	8.96	145.2	8.49
	51.8	49.6	158.8	10.71	155.7	10.13	152.7	9.56	151.2	9.32	148.2	9.08	145.2	8.61
	48.2	46.2	158.8	10.86	155.7	10.27	152.7	9.69	151.2	9.45	148.2	9.21	145.2	8.73
	47.0	43.0	158.8	11.01	155.7	10.42	152.7	9.83	151.2	9.58	148.2	9.34	145.2	8.85
	41.0	39.4	158.8	11.19	155.7	10.59	152.7	9.99	151.2	9.74	148.2	9.49	145.2	8.99
	36.5	35.0	158.8	11.41	155.7	10.80	152.7	10.19	151.2	9.94	148.2	9.68	145.2	9.17
	32.0	30.7	158.8	11.66	155.7	11.04	152.7	10.42	151.2	10.15	148.2	9.89	145.2	9.37
	26.6	25.3	158.8	12.01	155.7	11.36	152.7	10.72	151.2	10.45	148.2	10.18	145.2	9.64
	23.0	21.9	159.2	12.28	156.2	11.62	153.2	10.97	151.7	10.69	148.6	10.41	145.6	9.86
	19.4	18.3	160.8	12.68	157.8	12.00	154.7	11.33	153.2	11.04	150.1	10.75	147.0	10.17
	14.0	13.1	163.1	13.31	160.0	12.60	156.9	11.89	155.4	11.59	152.3	11.29	149.1	10.68
	8.2	7.3	165.7	14.10	162.5	13.35	159.4	12.60	157.8	12.27	154.6	11.95	151.5	11.30
	5.9	5.0	166.7	14.45	163.5	13.68	160.3	12.91	158.8	12.58	155.6	12.24	152.4	11.58
	0.0	-0.9	151.0	13.69	148.1	12.96	145.2	12.23	143.8	11.91	140.9	11.60	138.0	10.96
	-3.1	-4.0	142.9	13.28	140.2	12.58	137.4	11.87	136.1	11.56	133.4	11.25	130.6	10.64
	-9.0	-9.4	128.6	12.55	126.1	11.88	123.7	11.22	122.5	10.92	120.0	10.63	117.6	10.04
	-12.6	-13.0	119.1	12.04	116.8	11.40	114.5	10.76	113.4	10.48	111.1	10.19	108.9	9.63
	-17.3	-18.4	104.8	11.23	102.8	10.64	100.8	10.04	99.8	9.78	97.8	9.51	95.8	8.98
	-21.8	-22.0	95.3	10.66	93.4	10.10	91.6	9.54	90.7	9.28	88.9	9.03	87.1	8.52
	-24.6	-25.0	87.3	10.17	85.7	9.63	84.0	9.10	83.2	8.85	81.5	8.61	79.8	8.12
	-29.8	-30.0	74.1	9.28	72.7	8.79	71.3	8.30	70.6	8.08	69.1	7.86	67.7	7.41

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP240H1FT6PUL/MMY-UP240H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	283.5	20.52	278.1	19.42	272.7	18.32	270.0	17.86	264.6	17.41	259.2	16.50
	55.4	53.2	283.5	20.78	278.1	19.67	272.7	18.55	270.0	18.09	264.6	17.63	259.2	16.71
	51.8	49.6	283.5	21.08	278.1	19.95	272.7	18.82	270.0	18.35	264.6	17.88	259.2	16.95
	48.2	46.2	283.5	21.37	278.1	20.23	272.7	19.08	270.0	18.61	264.6	18.13	259.2	17.18
	47.0	43.0	283.5	21.67	278.1	20.51	272.7	19.35	270.0	18.86	264.6	18.38	259.2	17.41
	41.0	39.4	283.5	22.02	278.1	20.84	272.7	19.66	270.0	19.17	264.6	18.68	259.2	17.69
	36.5	35.0	283.5	22.47	278.1	21.27	272.7	20.07	270.0	19.56	264.6	19.06	259.2	18.05
	32.0	30.7	283.5	22.96	278.1	21.73	272.7	20.50	270.0	19.99	264.6	19.47	259.2	18.44
	26.6	25.3	283.5	23.63	278.1	22.37	272.7	21.11	270.0	20.57	264.6	20.04	259.2	18.97
	23.0	21.9	284.5	24.19	279.1	22.89	273.6	21.60	270.9	21.06	265.5	20.51	260.1	19.41
	19.4	18.3	287.7	25.01	282.2	23.68	276.8	22.34	274.0	21.77	268.5	21.20	263.1	20.07
	14.0	13.1	292.4	26.31	286.9	24.91	281.3	23.51	278.5	22.91	272.9	22.31	267.4	21.10
	8.2	7.3	297.7	27.93	292.0	26.44	286.3	24.96	283.5	24.32	277.8	23.67	272.2	22.39
	5.9	5.0	283.5	27.03	278.1	25.59	272.7	24.15	270.0	23.53	264.6	22.91	259.2	21.66
	0.0	-0.9	248.1	24.70	243.3	23.39	238.6	22.08	236.2	21.51	231.5	20.93	226.8	19.79
	-3.1	-4.0	229.6	23.43	225.3	22.19	220.9	20.95	218.7	20.40	214.3	19.86	210.0	18.77
	-9.0	-9.4	204.3	21.87	200.4	20.72	196.5	19.56	194.6	19.04	190.7	18.53	186.8	17.51
	-12.6	-13.0	186.8	20.72	183.3	19.62	179.7	18.52	177.9	18.04	174.4	17.55	170.8	16.57
	-17.3	-18.4	160.6	18.88	157.6	17.88	154.5	16.88	153.0	16.44	149.9	15.99	146.9	15.09
	-21.8	-22.0	143.2	17.57	140.4	16.64	137.7	15.71	136.4	15.29	133.6	14.88	130.9	14.04
	-24.6	-25.0	128.6	16.41	126.2	15.54	123.7	14.68	122.5	14.28	120.0	13.89	117.6	13.11
	-29.8	-30.0	104.4	14.31	102.4	13.55	100.4	12.80	99.4	12.46	97.4	12.11	95.4	11.42
110	59.0	56.7	289.2	20.61	283.7	19.51	278.2	18.40	275.4	17.95	269.9	17.49	264.4	16.58
	55.4	53.2	289.2	20.88	283.7	19.76	278.2	18.64	275.4	18.18	269.9	17.71	264.4	16.79
	51.8	49.6	289.2	21.17	283.7	20.04	278.2	18.90	275.4	18.43	269.9	17.96	264.4	17.02
	48.2	46.2	289.2	21.47	283.7	20.32	278.2	19.17	275.4	18.69	269.9	18.21	264.4	17.26
	47.0	43.0	289.2	21.77	283.7	20.60	278.2	19.44	275.4	18.95	269.9	18.47	264.4	17.50
	41.0	39.4	289.2	22.12	283.7	20.94	278.2	19.75	275.4	19.26	269.9	18.76	264.4	17.77
	36.5	35.0	289.2	22.57	283.7	21.37	278.2	20.16	275.4	19.65	269.9	19.15	264.4	18.13
	32.0	30.7	289.2	23.07	283.7	21.83	278.2	20.60	275.4	20.08	269.9	19.56	264.4	18.52
	26.6	25.3	289.2	23.74	283.7	22.47	278.2	21.21	275.4	20.67	269.9	20.13	264.4	19.06
	23.0	21.9	290.2	24.30	284.6	23.00	279.1	21.70	276.3	21.15	270.8	20.60	265.3	19.50
	19.4	18.3	293.5	25.13	287.9	23.79	282.3	22.45	279.5	21.87	273.9	21.30	268.3	20.16
	14.0	13.1	298.3	26.44	292.6	25.03	286.9	23.62	284.1	23.01	278.4	22.41	272.7	21.20
	8.2	7.3	303.6	28.06	297.8	26.57	292.1	25.07	289.2	24.43	283.4	23.78	277.6	22.49
	5.9	5.0	289.2	27.15	283.7	25.71	278.2	24.27	275.4	23.64	269.9	23.01	264.4	21.76
	0.0	-0.9	253.0	24.82	248.2	23.50	243.4	22.18	241.0	21.61	236.2	21.03	231.3	19.88
	-3.1	-4.0	234.2	23.54	229.8	22.29	225.3	21.04	223.1	20.50	218.6	19.95	214.2	18.85
	-9.0	-9.4	208.4	21.98	204.4	20.81	200.4	19.65	198.5	19.13	194.5	18.62	190.5	17.59
	-12.6	-13.0	190.6	20.81	186.9	19.71	183.3	18.61	181.5	18.12	177.9	17.63	174.2	16.65
	-17.3	-18.4	163.8	18.97	160.7	17.96	157.6	16.96	156.0	16.51	152.9	16.06	149.8	15.16
	-21.8	-22.0	146.0	17.65	143.2	16.72	140.5	15.78	139.1	15.36	136.3	14.94	133.5	14.10
	-24.6	-25.0	131.2	16.48	128.7	15.61	126.2	14.74	124.9	14.35	122.4	13.96	119.9	13.17
	-29.8	-30.0	106.4	14.37	104.4	13.62	102.4	12.86	101.4	12.51	99.4	12.17	97.3	11.48
120	59.0	56.7	297.7	20.91	292.0	19.78	286.3	18.66	283.5	18.20	277.8	17.74	272.2	16.81
	55.4	53.2	297.7	21.17	292.0	20.04	286.3	18.90	283.5	18.43	277.8	17.96	272.2	17.03
	51.8	49.6	297.7	21.47	292.0	20.32	286.3	19.17	283.5	18.69	277.8	18.22	272.2	17.26
	48.2	46.2	297.7	21.78	292.0	20.61	286.3	19.44	283.5	18.96	277.8	18.47	272.2	17.50
	47.0	43.0	297.7	22.08	292.0	20.89	286.3	19.71	283.5	19.22	277.8	18.73	272.2	17.74
	41.0	39.4	297.7	22.43	292.0	21.23	286.3	20.03	283.5	19.53	277.8	19.03	272.2	18.03
	36.5	35.0	297.7	22.89	292.0	21.67	286.3	20.44	283.5	19.93	277.8	19.42	272.2	18.39
	32.0	30.7	297.7	23.39	292.0	22.14	286.3	20.89	283.5	20.36	277.8	19.84	272.2	18.79
	26.6	25.3	297.7	24.08	292.0	22.79	286.3	21.51	283.5	20.96	277.8	20.42	272.2	19.33
	23.0	21.9	298.7	24.64	293.0	23.33	287.3	22.01	284.5	21.45	278.8	20.89	273.1	19.78
	19.4	18.3	302.1	25.48	296.4	24.12	290.6	22.76	287.7	22.18	282.0	21.60	276.2	20.44
	14.0	13.1	307.1	26.81	301.2	25.38	295.4	23.95	292.4	23.34	286.6	22.73	280.7	21.50
	8.2	7.3	312.6	28.46	306.6	26.94	300.7	25.43	297.7	24.77	291.7	24.12	285.8	22.81
	5.9	5.0	297.7	27.54	292.0	26.07	286.3	24.61	283.5	23.97	277.8	23.34	272.2	22.07
	0.0	-0.9	260.5	25.17	255.5	23.83	250.5	22.50	248.1	21.91	243.1	21.33	238.1	20.16
	-3.1	-4.0	241.1	23.88	236.5	22.61	231.9	21.34	229.6	20.79	225.0	20.23	220.4	19.12
	-9.0	-9.4	214.5	22.29	210.4	21.11	206.3	19.92	204.3	19.40	200.2	18.88	196.1	17.84
	-12.6	-13.0	196.2	21.11	192.4	19.99	188.7	18.87	186.8	18.38	183.1	17.88	179.4	16.89
	-17.3	-18.4	168.7	19.24	165.5	18.22	162.2	17.20	160.6	16.75	157.4	16.29	154.2	15.38
	-21.8	-22.0	150.3	17.90	147.5	16.95	144.6	16.01	143.2	15.58	140.3	15.16	137.4	14.30
	-24.6	-25.0	135.0	16.72	132.5	15.83	129.9	14.95	128.6	14.55	126.0	14.15	123.5	13.35
	-29.8	-30.0	109.6	14.58	107.5	13.81	105.4	13.04	104.4	12.69	102.3	12.34	100.2	11.64
130	59.0	56.7	304.8	21.09	299.0	19.96	293.2	18.83	290.3	18.36	284.4	17.89	278.6	16.96
	55.4	53.2	304.8	21.36	299.0	20.22	293.2	19.07	290.3	18.60	284.4	18.12	278.6	17.18
	51.8	49.6	304.8	21.66	299.0	20.50	293.2	19.34	290.3	18.86	284.4	18.38	278.6	17.42
	48.2	46.2	304.8	21.97	299.0	20.79	293.2	19.61	290.3	19.12	284.4	18.64	278.6	17.66
	47.0	43.0	304.8	22.27	299.0	21.08	293.2	19.89	290.3	19.39	284.4	18.89	278.6	17.90
	41.0	39.4	304.8	22.63	299.0	21.42	293.2	20.21	290.3	19.70	284.4	19.20	278.6	18.19
	36.5	35.0	304.8	23.10	299.0	21.86	293.2	20.62	290.3	20.11	284.4	19.59	278.6	18.55
	32.0	30.7	304.8	23.60	299.0	22.34	293.2	21.08	290.3	20.54	284.4	20.01	278.6	18.95
	26.6	25.3	304.8	24.29	299.0	22.99	293.2	21.70	290.3	21.15	284.4	20.60	278.6	19.50
	23.0	21.9	305.8	24.86	300.0	23.53	294.2	22.21	291.2	21.64	285.4	21.08	279.6	19.95
	19.4	18.3	309.3	25.71	303.4	24.34	297.5	22.97	294.6	22.38	288.7	21.80	282.8	20.63
	14.0	13.1	314.4	27.05	308.4	25.61	302.4	24.17	299.4	23.55	293.4	22.93	287.4	21.69
	8.2	7.3	320.0	28.71	313.9	27.18	307.8	25.65	304.8	24.99	298.7	24.33	292.6	23.01
	5.9	5.0	304.8	27.78	299.0	26.30	293.2	24.83	290.3	24.19	284.4	23.55	278.6	22.26
	0.0	-0.9	266.7	25.39	261.6	24.04	256.5	22.70	254.0	22.11	248.9	21.52	243.8	20.34
	-3.1	-4.0	246.9	24.09	242.2	22.81	237.5	21.53	235.1	20.97	230.4	20.41	225.7	19.29
	-9.0	-9.4	219.6	22.48	215.4	21.29	211.2	20.10	209.2	19.57	205.0	19.05	200.8	17.99
	-12.6	-13.0	200.8	21.30	197.0	20.17	193.2	19.04	191.3	18.54	187.4	18.04	183.6	17.04
	-17.3	-18.4	172.7	19.41	169.4	18.38	166.1	17.35	164.5	16.89	161.2	16.43	157.9	15.52
	-21.8	-22.0	153.9	18.06	151.0	17.10	148.0	16.15	146.6	15.72	143.6	15.29	140.7	14.43
	-24.6	-25.0	138.3	16.86	135.6	15.97	133.0	15.09	131.7	14.68	129.0	14.28	126.4	13.47
	-29.8	-30.0	112.2	14.71	110.0	13.93	107.9	13.16	106.8	12.80	104.7	12.45	102.6	11.74

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	255.2	18.27	250.3	17.29	245.4	16.31	243.0	15.90	238.1	15.50	233.3	14.69
	55.4	53.2	255.2	18.50	250.3	17.51	245.4	16.52	243.0	16.11	238.1	15.70	233.3	14.88
	51.8	49.6	255.2	18.77	250.3	17.76	245.4	16.75	243.0	16.34	238.1	15.92	233.3	15.09
	48.2	46.2	255.2	19.03	250.3	18.01	245.4	16.99	243.0	16.57	238.1	16.14	233.3	15.30
	47.0	43.0	255.2	19.29	250.3	18.26	245.4	17.22	243.0	16.79	238.1	16.36	233.3	15.50
	41.0	39.4	255.2	19.60	250.3	18.55	245.4	17.50	243.0	17.07	238.1	16.63	233.3	15.75
	36.5	35.0	255.2	20.01	250.3	18.94	245.4	17.86	243.0	17.42	238.1	16.97	233.3	16.07
	32.0	30.7	255.2	20.44	250.3	19.35	245.4	18.26	243.0	17.80	238.1	17.34	233.3	16.42
	26.6	25.3	255.2	21.04	250.3	19.92	245.4	18.79	243.0	18.32	238.1	17.84	233.3	16.89
	23.0	21.9	256.0	21.53	251.2	20.38	246.3	19.23	243.8	18.75	239.0	18.26	234.1	17.28
	19.4	18.3	259.0	22.27	254.0	21.08	249.1	19.89	246.6	19.39	241.7	18.88	236.8	17.87
	14.0	13.1	263.2	23.43	258.2	22.18	253.2	20.93	250.7	20.40	245.6	19.86	240.6	18.79
	8.2	7.3	267.9	24.87	262.8	23.54	257.7	22.22	255.2	21.65	250.0	21.08	244.9	19.93
	5.9	5.0	255.2	24.06	250.3	22.78	245.4	21.50	243.0	20.95	238.1	20.39	233.3	19.29
	0.0	-0.9	223.3	22.00	219.0	20.83	214.7	19.66	212.6	19.15	208.4	18.64	204.1	17.62
	-3.1	-4.0	206.7	20.86	202.7	19.76	198.8	18.65	196.8	18.16	192.9	17.68	189.0	16.71
	-9.0	-9.4	183.9	19.48	180.4	18.44	176.9	17.41	175.1	16.96	171.6	16.50	168.1	15.59
	-12.6	-13.0	168.1	18.45	164.9	17.47	161.7	16.49	160.1	16.06	156.9	15.63	153.7	14.76
	-17.3	-18.4	144.6	16.81	141.8	15.92	139.1	15.03	137.7	14.63	134.9	14.24	132.2	13.44
	-21.8	-22.0	128.9	15.64	126.4	14.81	123.9	13.99	122.7	13.62	120.3	13.24	117.8	12.50
	-24.6	-25.0	115.8	14.61	113.5	13.84	111.3	13.07	110.2	12.72	108.0	12.37	105.8	11.67
	-29.8	-30.0	93.9	12.74	92.1	12.07	90.3	11.40	89.5	11.09	87.7	10.78	85.9	10.17
80	59.0	56.7	226.8	16.07	222.5	15.20	218.2	14.34	216.0	13.99	211.7	13.63	207.4	12.92
	55.4	53.2	226.8	16.27	222.5	15.40	218.2	14.53	216.0	14.17	211.7	13.81	207.4	13.09
	51.8	49.6	226.8	16.50	222.5	15.62	218.2	14.73	216.0	14.37	211.7	14.00	207.4	13.27
	48.2	46.2	226.8	16.73	222.5	15.84	218.2	14.94	216.0	14.57	211.7	14.20	207.4	13.45
	47.0	43.0	226.8	16.97	222.5	16.06	218.2	15.15	216.0	14.77	211.7	14.39	207.4	13.64
	41.0	39.4	226.8	17.24	222.5	16.32	218.2	15.39	216.0	15.01	211.7	14.62	207.4	13.85
	36.5	35.0	226.8	17.59	222.5	16.65	218.2	15.71	216.0	15.32	211.7	14.92	207.4	14.13
	32.0	30.7	226.8	17.98	222.5	17.02	218.2	16.06	216.0	15.65	211.7	15.25	207.4	14.44
	26.6	25.3	226.8	18.51	222.5	17.52	218.2	16.53	216.0	16.11	211.7	15.69	207.4	14.85
	23.0	21.9	227.6	18.94	223.2	17.93	218.9	16.92	216.7	16.49	212.4	16.06	208.1	15.20
	19.4	18.3	230.2	19.58	225.8	18.54	221.4	17.49	219.2	17.05	214.8	16.60	210.5	15.71
	14.0	13.1	234.0	20.60	229.5	19.51	225.0	18.41	222.8	17.94	218.4	17.47	213.9	16.52
	8.2	7.3	238.1	21.87	233.6	20.71	229.1	19.54	226.8	19.04	222.3	18.54	217.7	17.53
	5.9	5.0	226.8	21.16	222.5	20.04	218.2	18.91	216.0	18.42	211.7	17.94	207.4	16.96
	0.0	-0.9	198.4	19.34	194.7	18.32	190.9	17.29	189.0	16.84	185.2	16.39	181.4	15.49
	-3.1	-4.0	183.7	18.35	180.2	17.38	176.7	16.40	175.0	15.97	171.5	15.55	168.0	14.69
	-9.0	-9.4	163.4	17.13	160.3	16.22	157.2	15.31	155.6	14.91	152.5	14.51	149.4	13.71
	-12.6	-13.0	149.5	16.22	146.6	15.36	143.8	14.51	142.3	14.12	139.5	13.74	136.7	12.98
	-17.3	-18.4	128.5	14.78	126.1	14.00	123.6	13.22	122.4	12.87	119.9	12.52	117.5	11.82
	-21.8	-22.0	114.5	13.75	112.4	13.03	110.2	12.30	109.1	11.97	106.9	11.65	104.7	10.99
	-24.6	-25.0	102.9	12.85	100.9	12.17	99.0	11.49	98.0	11.18	96.0	10.88	94.1	10.26
	-29.8	-30.0	83.5	11.20	81.9	10.61	80.3	10.02	79.5	9.75	77.9	9.48	76.3	8.94
70	59.0	56.7	198.5	13.91	194.7	13.16	190.9	12.42	189.0	12.11	185.2	11.80	181.4	11.19
	55.4	53.2	198.5	14.09	194.7	13.33	190.9	12.58	189.0	12.27	185.2	11.95	181.4	11.33
	51.8	49.6	198.5	14.29	194.7	13.52	190.9	12.76	189.0	12.44	185.2	12.12	181.4	11.49
	48.2	46.2	198.5	14.49	194.7	13.71	190.9	12.94	189.0	12.61	185.2	12.29	181.4	11.65
	47.0	43.0	198.5	14.69	194.7	13.90	190.9	13.12	189.0	12.79	185.2	12.46	181.4	11.81
	41.0	39.4	198.5	14.93	194.7	14.13	190.9	13.33	189.0	12.99	185.2	12.66	181.4	11.99
	36.5	35.0	198.5	15.23	194.7	14.42	190.9	13.60	189.0	13.26	185.2	12.92	181.4	12.24
	32.0	30.7	198.5	15.57	194.7	14.73	190.9	13.90	189.0	13.55	185.2	13.20	181.4	12.50
	26.6	25.3	198.5	16.02	194.7	15.17	190.9	14.31	189.0	13.95	185.2	13.59	181.4	12.86
	23.0	21.9	199.1	16.40	195.3	15.52	191.5	14.65	189.7	14.27	185.9	13.90	182.1	13.16
	19.4	18.3	201.4	16.96	197.6	16.05	193.7	15.15	191.8	14.76	188.0	14.38	184.1	13.60
	14.0	13.1	204.7	17.84	200.8	16.89	196.9	15.94	195.0	15.53	191.1	15.12	187.2	14.31
	8.2	7.3	208.4	18.94	204.4	17.93	200.4	16.92	198.5	16.48	194.5	16.05	190.5	15.18
	5.9	5.0	198.5	18.32	194.7	17.35	190.9	16.37	189.0	15.95	185.2	15.53	181.4	14.68
	0.0	-0.9	173.6	16.75	170.3	15.86	167.0	14.97	165.4	14.58	162.1	14.19	158.8	13.42
	-3.1	-4.0	160.7	15.89	157.7	15.04	154.6	14.20	153.1	13.83	150.0	13.46	147.0	12.72
	-9.0	-9.4	143.0	14.83	140.3	14.04	137.6	13.26	136.2	12.91	133.5	12.56	130.7	11.87
	-12.6	-13.0	130.8	14.05	128.3	13.30	125.8	12.56	124.6	12.23	122.1	11.90	119.6	11.24
	-17.3	-18.4	112.4	12.80	110.3	12.12	108.2	11.45	107.1	11.14	104.9	10.84	102.8	10.23
	-21.8	-22.0	100.2	11.91	98.3	11.28	96.4	10.65	95.4	10.37	93.5	10.08	91.6	9.52
	-24.6	-25.0	90.0	11.12	88.3	10.54	86.6	9.95	85.7	9.68	84.0	9.42	82.3	8.89
	-29.8	-30.0	73.1	9.70	71.7	9.19	70.3	8.68	69.6	8.45	68.2	8.21	66.8	7.74

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP288H1FT6PUL/MMY-UP288H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	340.2	26.34	333.7	24.93	327.2	23.51	324.0	22.93	317.5	22.35	311.0	21.19
	55.4	53.2	340.2	26.68	333.7	25.25	327.2	23.82	324.0	23.23	317.5	22.64	311.0	21.46
	51.8	49.6	340.2	27.06	333.7	25.61	327.2	24.16	324.0	23.56	317.5	22.96	311.0	21.76
	48.2	46.2	340.2	27.44	333.7	25.97	327.2	24.50	324.0	23.89	317.5	23.28	311.0	22.06
	47.0	43.0	340.2	27.82	333.7	26.33	327.2	24.84	324.0	24.22	317.5	23.60	311.0	22.36
	41.0	39.4	340.2	28.27	333.7	26.76	327.2	25.24	324.0	24.61	317.5	23.98	311.0	22.71
	36.5	35.0	340.2	28.85	333.7	27.31	327.2	25.76	324.0	25.11	317.5	24.47	311.0	23.17
	32.0	30.7	340.2	29.48	333.7	27.90	327.2	26.33	324.0	25.66	317.5	25.00	311.0	23.67
	26.6	25.3	340.2	30.34	333.7	28.72	327.2	27.10	324.0	26.41	317.5	25.73	311.0	24.36
	23.0	21.9	341.2	31.04	334.7	29.38	328.2	27.72	325.0	27.02	318.5	26.32	312.0	24.91
	19.4	18.3	344.6	32.05	338.1	30.34	331.5	28.63	328.2	27.90	321.6	27.17	315.1	25.71
	14.0	13.1	349.6	33.65	342.9	31.85	336.2	30.06	332.9	29.29	326.3	28.52	319.6	26.98
	8.2	7.3	355.0	35.63	348.2	33.73	341.5	31.84	338.1	31.02	331.3	30.20	324.6	28.56
	5.9	5.0	357.2	36.51	350.4	34.57	343.6	32.63	340.2	31.79	333.4	30.94	326.6	29.26
	0.0	-0.9	323.5	34.59	317.4	32.75	311.2	30.91	308.1	30.11	302.0	29.31	295.8	27.71
	-3.1	-4.0	306.2	33.57	300.3	31.79	294.5	30.01	291.6	29.22	285.8	28.44	279.9	26.88
	-9.0	-9.4	275.6	31.71	270.3	30.03	265.1	28.35	262.4	27.61	257.2	26.86	251.9	25.38
	-12.6	-13.0	255.2	30.42	250.3	28.81	245.4	27.20	243.0	26.48	238.1	25.77	233.3	24.34
	-17.3	-18.4	224.5	28.39	220.3	26.89	216.0	25.39	213.8	24.71	209.6	24.04	205.3	22.70
	-21.8	-22.0	204.1	26.95	200.2	25.53	196.3	24.11	194.4	23.47	190.5	22.82	186.6	21.54
	-24.6	-25.0	187.1	25.70	183.5	24.34	180.0	22.99	178.2	22.37	174.6	21.76	171.1	20.53
	-29.8	-30.0	158.8	23.46	155.7	22.22	152.7	20.99	151.2	20.42	148.2	19.86	145.2	18.73
110	59.0	56.7	347.0	26.47	340.4	25.05	333.8	23.62	330.5	23.04	323.9	22.46	317.3	21.29
	55.4	53.2	347.0	26.81	340.4	25.37	333.8	23.93	330.5	23.34	323.9	22.74	317.3	21.56
	51.8	49.6	347.0	27.19	340.4	25.73	333.8	24.27	330.5	23.67	323.9	23.06	317.3	21.86
	48.2	46.2	347.0	27.57	340.4	26.09	333.8	24.61	330.5	24.00	323.9	23.39	317.3	22.16
	47.0	43.0	347.0	27.95	340.4	26.45	333.8	24.95	330.5	24.33	323.9	23.71	317.3	22.46
	41.0	39.4	347.0	28.40	340.4	26.88	333.8	25.36	330.5	24.72	323.9	24.09	317.3	22.82
	36.5	35.0	347.0	28.98	340.4	27.43	333.8	25.88	330.5	25.23	323.9	24.58	317.3	23.28
	32.0	30.7	347.0	29.62	340.4	28.03	333.8	26.45	330.5	25.78	323.9	25.11	317.3	23.78
	26.6	25.3	347.0	30.48	340.4	28.86	333.8	27.23	330.5	26.54	323.9	25.85	317.3	24.47
	23.0	21.9	348.0	31.18	341.4	29.52	334.8	27.85	331.5	27.15	324.8	26.44	318.2	25.02
	19.4	18.3	351.5	32.20	344.8	30.48	338.1	28.76	334.8	28.03	328.1	27.30	321.4	25.83
	14.0	13.1	356.5	33.80	349.8	32.00	343.0	30.20	339.6	29.43	332.8	28.66	326.0	27.11
	8.2	7.3	362.1	35.79	355.2	33.89	348.3	31.98	344.9	31.16	338.0	30.34	331.1	28.69
	5.9	5.0	364.4	36.68	357.4	34.73	350.5	32.78	347.0	31.93	340.1	31.09	333.1	29.40
	0.0	-0.9	330.0	34.75	323.7	32.90	317.4	31.06	314.3	30.25	308.0	29.45	301.7	27.83
	-3.1	-4.0	312.3	33.73	306.4	31.94	300.4	30.15	297.4	29.36	291.5	28.58	285.5	27.01
	-9.0	-9.4	281.1	31.86	275.7	30.17	270.4	28.48	267.7	27.73	262.3	26.99	257.0	25.50
	-12.6	-13.0	260.3	30.56	255.3	28.94	250.3	27.33	247.9	26.61	242.9	25.89	237.9	24.45
	-17.3	-18.4	229.0	28.52	224.7	27.01	220.3	25.51	218.1	24.83	213.8	24.15	209.4	22.80
	-21.8	-22.0	208.2	27.08	204.2	25.65	200.3	24.22	198.3	23.58	194.3	22.93	190.4	21.64
	-24.6	-25.0	190.9	25.82	187.2	24.46	183.6	23.10	181.8	22.48	178.1	21.86	174.5	20.63
	-29.8	-30.0	161.9	23.57	158.9	22.33	155.8	21.09	154.2	20.52	151.1	19.95	148.1	18.81
120	59.0	56.7	357.2	26.84	350.4	25.40	343.6	23.96	340.2	23.37	333.4	22.77	326.6	21.59
	55.4	53.2	357.2	27.19	350.4	25.73	343.6	24.27	340.2	23.67	333.4	23.06	326.6	21.86
	51.8	49.6	357.2	27.57	350.4	26.09	343.6	24.61	340.2	24.00	333.4	23.39	326.6	22.17
	48.2	46.2	357.2	27.96	350.4	26.46	343.6	24.96	340.2	24.34	333.4	23.72	326.6	22.47
	47.0	43.0	357.2	28.35	350.4	26.83	343.6	25.31	340.2	24.68	333.4	24.04	326.6	22.78
	41.0	39.4	357.2	28.80	350.4	27.26	343.6	25.72	340.2	25.07	333.4	24.43	326.6	23.14
	36.5	35.0	357.2	29.39	350.4	27.82	343.6	26.25	340.2	25.59	333.4	24.93	326.6	23.61
	32.0	30.7	357.2	30.03	350.4	28.43	343.6	26.82	340.2	26.15	333.4	25.47	326.6	24.12
	26.6	25.3	357.2	30.92	350.4	29.26	343.6	27.61	340.2	26.91	333.4	26.21	326.6	24.82
	23.0	21.9	358.3	31.62	351.5	29.94	344.6	28.25	341.2	27.53	334.4	26.81	327.6	25.38
	19.4	18.3	361.9	32.65	355.0	30.91	348.1	29.17	344.6	28.43	337.7	27.68	330.8	26.20
	14.0	13.1	367.0	34.28	360.0	32.46	353.1	30.63	349.6	29.84	342.6	29.06	335.6	27.49
	8.2	7.3	372.7	36.30	365.6	34.37	358.5	32.44	355.0	31.60	347.9	30.77	340.8	29.10
	5.9	5.0	375.1	37.20	367.9	35.22	360.8	33.24	357.2	32.38	350.1	31.53	342.9	29.81
	0.0	-0.9	339.7	35.24	333.2	33.37	326.8	31.50	323.5	30.68	317.1	29.86	310.6	28.23
	-3.1	-4.0	321.5	34.20	315.4	32.39	309.2	30.57	306.2	29.78	300.1	28.98	293.9	27.39
	-9.0	-9.4	289.3	32.31	283.8	30.60	278.3	28.88	275.6	28.13	270.1	27.37	264.5	25.86
	-12.6	-13.0	267.9	30.99	262.8	29.35	257.7	27.71	255.2	26.98	250.0	26.25	244.9	24.79
	-17.3	-18.4	235.8	28.92	231.3	27.39	226.8	25.87	224.5	25.18	220.0	24.50	215.6	23.12
	-21.8	-22.0	214.3	27.46	210.2	26.01	206.2	24.56	204.1	23.91	200.0	23.26	196.0	21.95
	-24.6	-25.0	196.5	26.19	192.7	24.80	189.0	23.42	187.1	22.80	183.4	22.17	179.6	20.92
	-29.8	-30.0	166.7	23.90	163.5	22.64	160.3	21.38	158.8	20.81	155.6	20.23	152.4	19.08
130	59.0	56.7	365.7	27.08	358.7	25.62	351.8	24.17	348.3	23.57	341.3	22.97	334.4	21.78
	55.4	53.2	365.7	27.43	358.7	25.95	351.8	24.48	348.3	23.88	341.3	23.27	334.4	22.06
	51.8	49.6	365.7	27.81	358.7	26.32	351.8	24.83	348.3	24.21	341.3	23.60	334.4	22.36
	48.2	46.2	365.7	28.20	358.7	26.69	351.8	25.18	348.3	24.55	341.3	23.93	334.4	22.67
	47.0	43.0	365.7	28.60	358.7	27.06	351.8	25.53	348.3	24.89	341.3	24.26	334.4	22.98
	41.0	39.4	365.7	29.06	358.7	27.50	351.8	25.95	348.3	25.30	341.3	24.65	334.4	23.35
	36.5	35.0	365.7	29.65	358.7	28.07	351.8	26.48	348.3	25.81	341.3	25.15	334.4	23.82
	32.0	30.7	365.7	30.30	358.7	28.68	351.8	27.06	348.3	26.38	341.3	25.70	334.4	24.33
	26.6	25.3	365.7	31.19	358.7	29.52	351.8	27.86	348.3	27.15	341.3	26.45	334.4	25.04
	23.0	21.9	366.8	31.90	359.8	30.20	352.8	28.50	349.3	27.77	342.4	27.05	335.4	25.60
	19.4	18.3	370.5	32.94	363.4	31.19	356.4	29.43	352.8	28.68	345.8	27.93	338.7	26.43
	14.0	13.1	375.8	34.59	368.6	32.74	361.5	30.90	357.9	30.11	350.7	29.32	343.6	27.74
	8.2	7.3	381.6	36.62	374.4	34.67	367.1	32.72	363.5	31.88	356.2	31.04	348.9	29.36
	5.9	5.0	384.0	37.53	376.7	35.53	369.4	33.54	365.7	32.67	358.4	31.81	351.1	30.08
	0.0	-0.9	347.8	35.55	341.2	33.67	334.5	31.78	331.2	30.95	324.6	30.13	318.0	28.48
	-3.1	-4.0	329.1	34.51	322.9	32.67	316.6	30.84	313.5	30.04	307.2	29.24	300.9	27.63
	-9.0	-9.4	296.2	32.59	290.6	30.87	284.9	29.14	282.1	28.38	276.5	27.61	270.8	26.09
	-12.6	-13.0	274.3	31.27	269.1	29.61	263.8	27.96	261.2	27.22	256.0	26.49	250.8	25.01
	-17.3	-18.4	241.4	29.18	236.8	27.64	232.2	26.10	229.9	25.40	225.3	24.71	220.7	23.33
	-21.8	-22.0	219.4	27.71	215.2	26.24	211.1	24.78	209.0	24.12	204.8	23.46	200.6	22.14
	-24.6	-25.0	201.1	26.42	197.3	25.02	193.5	23.63	191.6	23.00	187.7	22.37	183.9	21.10
	-29.8	-30.0	170.7	24.11	167.4	22.84	164.2	21.57	162.5	20.99	159.3	20.41	156.0	19.25

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	306.2	23.46	300.3	22.20	294.5	20.94	291.6	20.42	285.8	19.90	279.9	18.87
	55.4	53.2	306.2	23.76	300.3	22.48	294.5	21.21	291.6	20.68	285.8	20.16	279.9	19.10
	51.8	49.6	306.2	24.09	300.3	22.80	294.5	21.51	291.6	20.97	285.8	20.44	279.9	19.37
	48.2	46.2	306.2	24.43	300.3	23.12	294.5	21.81	291.6	21.27	285.8	20.72	279.9	19.64
	47.0	43.0	306.2	24.77	300.3	23.44	294.5	22.12	291.6	21.56	285.8	21.01	279.9	19.91
	41.0	39.4	306.2	25.17	300.3	23.82	294.5	22.47	291.6	21.91	285.8	21.35	279.9	20.22
	36.5	35.0	306.2	25.69	300.3	24.31	294.5	22.94	291.6	22.36	285.8	21.78	279.9	20.63
	32.0	30.7	306.2	26.25	300.3	24.84	294.5	23.44	291.6	22.85	285.8	22.26	279.9	21.08
	26.6	25.3	306.2	27.02	300.3	25.57	294.5	24.13	291.6	23.52	285.8	22.91	279.9	21.69
	23.0	21.9	307.1	27.63	301.2	26.16	295.4	24.68	292.5	24.06	286.6	23.43	280.8	22.18
	19.4	18.3	310.2	28.53	304.3	27.01	298.3	25.49	295.4	24.84	289.5	24.19	283.6	22.89
	14.0	13.1	314.6	29.96	308.6	28.36	302.6	26.77	299.6	26.08	293.6	25.40	287.6	24.03
	8.2	7.3	319.5	31.72	313.4	30.03	307.3	28.35	304.3	27.62	298.2	26.89	292.1	25.43
	5.9	5.0	321.5	32.51	315.4	30.78	309.2	29.05	306.2	28.30	300.1	27.55	293.9	26.05
	0.0	-0.9	291.2	30.80	285.6	29.16	280.1	27.52	277.3	26.81	271.8	26.10	266.2	24.67
	-3.1	-4.0	275.6	29.89	270.3	28.30	265.1	26.72	262.4	26.02	257.2	25.32	251.9	23.93
	-9.0	-9.4	248.0	28.23	243.3	26.74	238.6	25.24	236.2	24.58	231.5	23.92	226.7	22.59
	-12.6	-13.0	229.6	27.08	225.3	25.65	220.9	24.22	218.7	23.58	214.3	22.94	210.0	21.67
	-17.3	-18.4	202.1	25.28	198.2	23.94	194.4	22.60	192.5	22.00	188.6	21.41	184.8	20.21
	-21.8	-22.0	183.7	24.00	180.2	22.73	176.7	21.46	175.0	20.89	171.5	20.32	168.0	19.18
	-24.6	-25.0	168.4	22.88	165.2	21.68	162.0	20.47	160.4	19.92	157.2	19.37	154.0	18.28
	-29.8	-30.0	142.9	20.89	140.2	19.79	137.4	18.69	136.1	18.18	133.4	17.68	130.6	16.67
80	59.0	56.7	272.2	20.63	267.0	19.52	261.8	18.41	259.2	17.96	254.0	17.50	248.8	16.59
	55.4	53.2	272.2	20.89	267.0	19.77	261.8	18.65	259.2	18.19	254.0	17.73	248.8	16.80
	51.8	49.6	272.2	21.19	267.0	20.05	261.8	18.92	259.2	18.45	254.0	17.98	248.8	17.04
	48.2	46.2	272.2	21.49	267.0	20.33	261.8	19.18	259.2	18.70	254.0	18.23	248.8	17.27
	47.0	43.0	272.2	21.78	267.0	20.62	261.8	19.45	259.2	18.96	254.0	18.48	248.8	17.51
	41.0	39.4	272.2	22.14	267.0	20.95	261.8	19.76	259.2	19.27	254.0	18.78	248.8	17.79
	36.5	35.0	272.2	22.59	267.0	21.38	261.8	20.17	259.2	19.67	254.0	19.16	248.8	18.15
	32.0	30.7	272.2	23.08	267.0	21.85	261.8	20.61	259.2	20.09	254.0	19.57	248.8	18.54
	26.6	25.3	272.2	23.76	267.0	22.49	261.8	21.22	259.2	20.68	254.0	20.15	248.8	19.07
	23.0	21.9	273.0	24.30	267.8	23.01	262.6	21.71	260.0	21.16	254.8	20.61	249.6	19.50
	19.4	18.3	275.7	25.09	270.4	23.76	265.2	22.42	262.6	21.85	257.3	21.28	252.1	20.13
	14.0	13.1	279.6	26.35	274.3	24.94	269.0	23.54	266.3	22.94	261.0	22.33	255.7	21.13
	8.2	7.3	284.0	27.90	278.6	26.41	273.2	24.93	270.5	24.29	265.1	23.65	259.7	22.36
	5.9	5.0	285.8	28.59	280.3	27.07	274.9	25.55	272.2	24.89	266.7	24.23	261.3	22.91
	0.0	-0.9	258.8	27.08	253.9	25.65	249.0	24.21	246.5	23.58	241.6	22.95	236.6	21.69
	-3.1	-4.0	244.9	26.29	240.3	24.89	235.6	23.50	233.3	22.88	228.6	22.27	223.9	21.05
	-9.0	-9.4	220.4	24.83	216.3	23.51	212.1	22.20	210.0	21.62	205.8	21.03	201.6	19.87
	-12.6	-13.0	204.1	23.82	200.2	22.56	196.3	21.30	194.4	20.74	190.5	20.18	186.6	19.06
	-17.3	-18.4	179.6	22.23	176.2	21.05	172.8	19.88	171.1	19.35	167.7	18.83	164.2	17.77
	-21.8	-22.0	163.3	21.11	160.2	19.99	157.1	18.88	155.5	18.37	152.4	17.87	149.3	16.87
	-24.6	-25.0	149.7	20.12	146.8	19.06	144.0	18.00	142.6	17.52	139.7	17.04	136.9	16.08
	-29.8	-30.0	127.0	18.37	124.6	17.40	122.2	16.43	121.0	15.99	118.5	15.55	116.1	14.66
70	59.0	56.7	238.1	17.86	233.6	16.90	229.1	15.94	226.8	15.55	222.3	15.15	217.7	14.36
	55.4	53.2	238.1	18.09	233.6	17.12	229.1	16.15	226.8	15.75	222.3	15.35	217.7	14.55
	51.8	49.6	238.1	18.35	233.6	17.36	229.1	16.38	226.8	15.97	222.3	15.56	217.7	14.75
	48.2	46.2	238.1	18.60	233.6	17.61	229.1	16.61	226.8	16.19	222.3	15.78	217.7	14.95
	47.0	43.0	238.1	18.86	233.6	17.85	229.1	16.84	226.8	16.42	222.3	16.00	217.7	15.16
	41.0	39.4	238.1	19.17	233.6	18.14	229.1	17.11	226.8	16.68	222.3	16.26	217.7	15.40
	36.5	35.0	238.1	19.56	233.6	18.51	229.1	17.46	226.8	17.03	222.3	16.59	217.7	15.71
	32.0	30.7	238.1	19.98	233.6	18.92	229.1	17.85	226.8	17.40	222.3	16.95	217.7	16.05
	26.6	25.3	238.1	20.57	233.6	19.47	229.1	18.37	226.8	17.91	222.3	17.44	217.7	16.51
	23.0	21.9	238.9	21.04	234.3	19.92	229.8	18.80	227.5	18.32	222.9	17.84	218.4	16.89
	19.4	18.3	241.2	21.73	236.6	20.57	232.0	19.41	229.7	18.91	225.2	18.42	220.6	17.43
	14.0	13.1	244.7	22.81	240.0	21.60	235.4	20.38	233.0	19.86	228.4	19.34	223.7	18.29
	8.2	7.3	248.5	24.15	243.8	22.87	239.0	21.58	236.7	21.03	231.9	20.47	227.2	19.36
	5.9	5.0	250.0	24.75	245.3	23.44	240.5	22.12	238.1	21.55	233.4	20.98	228.6	19.84
	0.0	-0.9	226.5	23.45	222.2	22.20	217.8	20.96	215.7	20.41	211.4	19.87	207.1	18.78
	-3.1	-4.0	214.3	22.76	210.2	21.55	206.2	20.34	204.1	19.81	200.0	19.28	196.0	18.22
	-9.0	-9.4	192.9	21.50	189.2	20.36	185.5	19.22	183.7	18.72	180.0	18.21	176.4	17.20
	-12.6	-13.0	178.6	20.62	175.2	19.53	171.8	18.44	170.1	17.95	166.7	17.47	163.3	16.50
	-17.3	-18.4	157.2	19.25	154.2	18.23	151.2	17.21	149.7	16.75	146.7	16.30	143.7	15.39
	-21.8	-22.0	142.9	18.27	140.2	17.31	137.4	16.34	136.1	15.91	133.4	15.47	130.6	14.60
	-24.6	-25.0	131.0	17.42	128.5	16.50	126.0	15.59	124.7	15.17	122.2	14.75	119.8	13.92
	-29.8	-30.0	111.1	15.90	109.0	15.07	106.9	14.23	105.8	13.85	103.7	13.46	101.6	12.70

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°F)

MMY-UP360H1FT6PUL/MMY-UP360H1FT9PUL

Fahrenheit

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
100	59.0	56.7	425.3	34.21	417.2	32.37	409.1	30.54	405.0	29.78	396.9	29.03	388.8	27.52
	55.4	53.2	425.3	34.65	417.2	32.79	409.1	30.93	405.0	30.16	396.9	29.40	388.8	27.86
	51.8	49.6	425.3	35.14	417.2	33.26	409.1	31.37	405.0	30.59	396.9	29.81	388.8	28.25
	48.2	46.2	425.3	35.63	417.2	33.72	409.1	31.81	405.0	31.02	396.9	30.23	388.8	28.64
	47.0	43.0	425.3	36.13	417.2	34.19	409.1	32.26	405.0	31.45	396.9	30.65	388.8	29.04
	41.0	39.4	425.3	36.71	417.2	34.75	409.1	32.78	405.0	31.96	396.9	31.14	388.8	29.50
	36.5	35.0	425.3	37.46	417.2	35.46	409.1	33.45	405.0	32.61	396.9	31.77	388.8	30.09
	32.0	30.7	425.3	38.28	417.2	36.23	409.1	34.19	405.0	33.33	396.9	32.46	388.8	30.74
	26.6	25.3	425.3	39.40	417.2	37.30	409.1	35.19	405.0	34.30	396.9	33.41	388.8	31.63
	23.0	21.9	426.7	40.33	418.6	38.17	410.5	36.02	406.4	35.11	398.3	34.19	390.1	32.36
	19.4	18.3	431.6	41.70	423.4	39.48	415.1	37.25	411.0	36.30	402.8	35.35	394.6	33.46
	14.0	13.1	438.7	43.87	430.3	41.54	421.9	39.20	417.8	38.19	409.4	37.19	401.1	35.19
	8.2	7.3	446.5	46.57	438.0	44.09	429.5	41.61	425.3	40.54	416.7	39.47	408.2	37.33
	5.9	5.0	425.3	45.06	417.2	42.67	409.1	40.27	405.0	39.23	396.9	38.19	388.8	36.12
	0.0	-0.9	372.1	41.19	365.0	39.00	357.9	36.81	354.4	35.86	347.3	34.90	340.2	32.99
	-3.1	-4.0	344.5	39.07	337.9	37.00	331.3	34.93	328.1	34.02	321.5	33.11	314.9	31.29
	-9.0	-9.4	306.4	36.47	300.6	34.54	294.8	32.61	291.8	31.75	286.0	30.90	280.2	29.19
	-12.6	-13.0	280.2	34.54	274.9	32.72	269.6	30.89	266.9	30.07	261.6	29.26	256.2	27.64
	-17.3	-18.4	240.9	31.48	236.4	29.81	231.8	28.15	229.5	27.40	224.9	26.66	220.3	25.17
	-21.8	-22.0	214.8	29.29	210.7	27.74	206.6	26.20	204.5	25.50	200.4	24.80	196.3	23.41
	-24.6	-25.0	192.9	27.36	189.2	25.91	185.6	24.47	183.7	23.82	180.1	23.16	176.4	21.85
	-29.8	-30.0	156.5	23.86	153.6	22.60	150.6	21.34	149.1	20.77	146.1	20.20	143.1	19.05
110	59.0	56.7	433.8	34.37	425.5	32.52	417.2	30.68	413.1	29.92	404.8	29.16	396.6	27.64
	55.4	53.2	433.8	34.81	425.5	32.94	417.2	31.08	413.1	30.31	404.8	29.53	396.6	27.99
	51.8	49.6	433.8	35.30	425.5	33.41	417.2	31.52	413.1	30.73	404.8	29.95	396.6	28.38
	48.2	46.2	433.8	35.80	425.5	33.88	417.2	31.96	413.1	31.17	404.8	30.37	396.6	28.78
	47.0	43.0	433.8	36.30	425.5	34.35	417.2	32.41	413.1	31.60	404.8	30.79	396.6	29.17
	41.0	39.4	433.8	36.88	425.5	34.91	417.2	32.93	413.1	32.11	404.8	31.28	396.6	29.64
	36.5	35.0	433.8	37.64	425.5	35.62	417.2	33.61	413.1	32.77	404.8	31.92	396.6	30.23
	32.0	30.7	433.8	38.46	425.5	36.40	417.2	34.35	413.1	33.48	404.8	32.61	396.6	30.88
	26.6	25.3	433.8	39.59	425.5	37.47	417.2	35.36	413.1	34.46	404.8	33.57	396.6	31.78
	23.0	21.9	435.2	40.51	427.0	38.35	418.7	36.19	414.5	35.27	406.2	34.35	397.9	32.51
	19.4	18.3	440.2	41.89	431.8	39.66	423.4	37.42	419.3	36.47	410.9	35.52	402.5	33.61
	14.0	13.1	447.4	44.08	438.9	41.73	430.4	39.38	426.1	38.37	417.6	37.36	409.1	35.35
	8.2	7.3	455.4	46.79	446.8	44.30	438.1	41.81	433.8	40.73	425.1	39.65	416.4	37.50
	5.9	5.0	433.8	45.27	425.5	42.87	417.2	40.46	413.1	39.41	404.8	38.37	396.6	36.28
	0.0	-0.9	379.5	41.38	372.3	39.18	365.1	36.99	361.5	36.03	354.2	35.07	347.0	33.15
	-3.1	-4.0	351.3	39.25	344.6	37.17	338.0	35.09	334.6	34.17	327.9	33.26	321.2	31.43
	-9.0	-9.4	312.6	36.64	306.6	34.70	300.7	32.76	297.7	31.90	291.7	31.04	285.8	29.32
	-12.6	-13.0	285.8	34.70	280.4	32.87	275.0	31.03	272.2	30.21	266.8	29.40	261.3	27.76
	-17.3	-18.4	245.8	31.62	241.1	29.95	236.4	28.28	234.1	27.53	229.4	26.78	224.7	25.28
	-21.8	-22.0	219.0	29.42	214.9	27.87	210.7	26.32	208.6	25.62	204.4	24.92	200.3	23.52
	-24.6	-25.0	196.8	27.48	193.0	26.03	189.3	24.58	187.4	23.93	183.7	23.27	179.9	21.96
	-29.8	-30.0	159.7	23.97	156.6	22.71	153.6	21.44	152.1	20.87	149.0	20.29	146.0	19.13
120	59.0	56.7	446.5	34.86	438.0	32.98	429.5	31.11	425.3	30.34	416.7	29.57	408.2	28.04
	55.4	53.2	446.5	35.30	438.0	33.41	429.5	31.52	425.3	30.73	416.7	29.95	408.2	28.39
	51.8	49.6	446.5	35.80	438.0	33.88	429.5	31.96	425.3	31.17	416.7	30.37	408.2	28.79
	48.2	46.2	446.5	36.31	438.0	34.36	429.5	32.41	425.3	31.61	416.7	30.80	408.2	29.18
	47.0	43.0	446.5	36.81	438.0	34.84	429.5	32.87	425.3	32.04	416.7	31.22	408.2	29.58
	41.0	39.4	446.5	37.41	438.0	35.40	429.5	33.40	425.3	32.56	416.7	31.73	408.2	30.05
	36.5	35.0	446.5	38.17	438.0	36.13	429.5	34.09	425.3	33.23	416.7	32.37	408.2	30.66
	32.0	30.7	446.5	39.00	438.0	36.92	429.5	34.83	425.3	33.95	416.7	33.08	408.2	31.32
	26.6	25.3	446.5	40.15	438.0	38.00	429.5	35.86	425.3	34.95	416.7	34.04	408.2	32.23
	23.0	21.9	448.0	41.09	439.5	38.89	431.0	36.70	426.7	35.77	418.2	34.84	409.6	32.97
	19.4	18.3	453.2	42.49	444.5	40.22	435.9	37.95	431.6	36.99	423.0	36.02	414.3	34.09
	14.0	13.1	460.6	44.70	451.8	42.32	443.0	39.94	438.7	38.92	429.9	37.89	421.1	35.85
	8.2	7.3	468.8	47.45	459.9	44.92	451.0	42.40	446.5	41.31	437.6	40.22	428.7	38.03
	5.9	5.0	446.5	45.91	438.0	43.47	429.5	41.03	425.3	39.97	416.7	38.91	408.2	36.80
	0.0	-0.9	390.7	41.97	383.3	39.74	375.8	37.51	372.1	36.54	364.6	35.56	357.2	33.62
	-3.1	-4.0	361.7	39.81	354.8	37.70	347.9	35.58	344.5	34.66	337.6	33.73	330.7	31.88
	-9.0	-9.4	321.8	37.16	315.6	35.19	309.5	33.22	306.4	32.35	300.3	31.48	294.2	29.74
	-12.6	-13.0	294.3	35.20	288.6	33.33	283.0	31.47	280.2	30.64	274.6	29.81	269.0	28.16
	-17.3	-18.4	253.0	32.07	248.2	30.38	243.4	28.68	240.9	27.92	236.1	27.16	231.3	25.64
	-21.8	-22.0	225.5	29.84	221.2	28.27	216.9	26.69	214.8	25.98	210.5	25.27	206.2	23.85
	-24.6	-25.0	202.6	27.87	198.7	26.40	194.9	24.93	192.9	24.27	189.1	23.60	185.2	22.27
	-29.8	-30.0	164.4	24.31	161.2	23.03	158.1	21.75	156.5	21.16	153.4	20.58	150.3	19.41
130	59.0	56.7	457.1	35.17	448.4	33.28	439.7	31.39	435.4	30.61	426.7	29.84	418.0	28.28
	55.4	53.2	457.1	35.62	448.4	33.71	439.7	31.79	435.4	31.01	426.7	30.22	418.0	28.64
	51.8	49.6	457.1	36.12	448.4	34.18	439.7	32.25	435.4	31.44	426.7	30.64	418.0	29.04
	48.2	46.2	457.1	36.63	448.4	34.66	439.7	32.70	435.4	31.89	426.7	31.07	418.0	29.44
	47.0	43.0	457.1	37.14	448.4	35.15	439.7	33.16	435.4	32.33	426.7	31.50	418.0	29.85
	41.0	39.4	457.1	37.74	448.4	35.72	439.7	33.69	435.4	32.85	426.7	32.01	418.0	30.32
	36.5	35.0	457.1	38.51	448.4	36.45	439.7	34.39	435.4	33.52	426.7	32.66	418.0	30.93
	32.0	30.7	457.1	39.35	448.4	37.24	439.7	35.14	435.4	34.25	426.7	33.37	418.0	31.60
	26.6	25.3	457.1	40.50	448.4	38.34	439.7	36.18	435.4	35.26	426.7	34.34	418.0	32.51
	23.0	21.9	458.7	41.45	450.0	39.24	441.2	37.02	436.9	36.08	428.1	35.15	419.4	33.27
	19.4	18.3	464.0	42.86	455.1	40.58	446.3	38.29	441.9	37.32	433.0	36.34	424.2	34.39
	14.0	13.1	471.6	45.10	462.6	42.69	453.6	40.29	449.1	39.26	440.1	38.23	431.1	36.17
	8.2	7.3	480.0	47.87	470.9	45.32	461.7	42.77	457.1	41.67	448.0	40.57	438.9	38.37
	5.9	5.0	457.1	46.32	448.4	43.86	439.7	41.39	435.4	40.33	426.7	39.26	418.0	37.12
	0.0	-0.9	400.0	42.34	392.4	40.09	384.8	37.84	380.9	36.86	373.3	35.88	365.7	33.91
	-3.1	-4.0	370.3	40.16	363.2	38.03	356.2	35.90	352.7	34.96	345.6	34.03	338.5	32.16
	-9.0	-9.4	329.4	37.49	323.1	35.50	316.9	33.52	313.7	32.64	307.5	31.76	301.2	30.00
	-12.6	-13.0	301.3	35.51	295.5	33.63	289.8	31.75	286.9	30.91	281.2	30.08	275.4	28.41
	-17.3	-18.4	259.0	32.36	254.1	30.65	249.2	28.94	246.7	28.17	241.7	27.40	236.8	25.87
	-21.8	-22.0	230.9	30.11	226.5	28.52	222.1	26.93	219.9	26.21	215.5	25.49	211.1	24.06
	-24.6	-25.0	207.4	28.12	203.4	26.64	199.5	25.15	197.5	24.48	193.6	23.81	189.6	22.46
	-29.8	-30.0	168.3	24.52	165.1	23.23	161.9	21.94	160.3	21.35	157.1	20.76	153.9	19.58

Conbination	Outdoor air temp.		Indoor air temp.(°FDB)											
			61°F		65°F		68°F		70°F		72°F		75°F	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°FDB)	(°FWB)	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW	kBtu/h	kW
90	59.0	56.7	382.7	30.46	375.4	28.82	368.1	27.19	364.5	26.52	357.2	25.84	349.9	24.50
	55.4	53.2	382.7	30.85	375.4	29.20	368.1	27.54	364.5	26.86	357.2	26.17	349.9	24.81
	51.8	49.6	382.7	31.29	375.4	29.61	368.1	27.93	364.5	27.24	357.2	26.54	349.9	25.15
	48.2	46.2	382.7	31.73	375.4	30.03	368.1	28.32	364.5	27.62	357.2	26.91	349.9	25.50
	47.0	43.0	382.7	32.17	375.4	30.44	368.1	28.72	364.5	28.00	357.2	27.29	349.9	25.85
	41.0	39.4	382.7	32.69	375.4	30.94	368.1	29.19	364.5	28.45	357.2	27.72	349.9	26.26
	36.5	35.0	382.7	33.36	375.4	31.57	368.1	29.79	364.5	29.04	357.2	28.29	349.9	26.79
	32.0	30.7	382.7	34.08	375.4	32.26	368.1	30.44	364.5	29.67	357.2	28.90	349.9	27.37
	26.6	25.3	382.7	35.08	375.4	33.21	368.1	31.33	364.5	30.54	357.2	29.75	349.9	28.16
	23.0	21.9	384.0	35.90	376.7	33.99	369.4	32.07	365.8	31.26	358.4	30.44	351.1	28.81
	19.4	18.3	388.4	37.13	381.0	35.15	373.6	33.17	369.9	32.32	362.5	31.48	355.1	29.79
	14.0	13.1	394.8	39.06	387.3	36.98	379.8	34.90	376.0	34.01	368.5	33.11	361.0	31.33
	8.2	7.3	401.9	41.46	394.2	39.26	386.6	37.05	382.7	36.10	375.1	35.14	367.4	33.24
	5.9	5.0	382.7	40.12	375.4	37.99	368.1	35.85	364.5	34.93	357.2	34.00	349.9	32.16
	0.0	-0.9	334.9	36.67	328.5	34.73	322.1	32.78	318.9	31.93	312.6	31.08	306.2	29.37
	-3.1	-4.0	310.0	34.79	304.1	32.94	298.2	31.10	295.2	30.29	289.3	29.48	283.4	27.86
	-9.0	-9.4	275.8	32.47	270.5	30.75	265.3	29.03	262.7	28.27	257.4	27.51	252.2	25.99
	-12.6	-13.0	252.2	30.76	247.4	29.13	242.6	27.50	240.2	26.78	235.4	26.05	230.6	24.60
	-17.3	-18.4	216.9	28.03	212.7	26.54	208.6	25.06	206.5	24.40	202.4	23.74	198.3	22.41
	-21.8	-22.0	193.3	26.08	189.6	24.70	185.9	23.32	184.1	22.70	180.4	22.08	176.7	20.84
	-24.6	-25.0	173.6	24.36	170.3	23.07	167.0	21.79	165.4	21.20	162.1	20.62	158.7	19.46
	-29.8	-30.0	140.9	21.24	138.2	20.12	135.5	19.00	134.2	18.49	131.5	17.98	128.8	16.96
80	59.0	56.7	340.2	26.79	333.7	25.35	327.2	23.91	324.0	23.32	317.5	22.73	311.0	21.55
	55.4	53.2	340.2	27.13	333.7	25.68	327.2	24.22	324.0	23.62	317.5	23.02	311.0	21.82
	51.8	49.6	340.2	27.52	333.7	26.04	327.2	24.56	324.0	23.95	317.5	23.34	311.0	22.12
	48.2	46.2	340.2	27.90	333.7	26.41	327.2	24.91	324.0	24.29	317.5	23.67	311.0	22.43
	47.0	43.0	340.2	28.29	333.7	26.77	327.2	25.26	324.0	24.63	317.5	24.00	311.0	22.74
	41.0	39.4	340.2	28.75	333.7	27.21	327.2	25.67	324.0	25.02	317.5	24.38	311.0	23.10
	36.5	35.0	340.2	29.34	333.7	27.77	327.2	26.20	324.0	25.54	317.5	24.88	311.0	23.56
	32.0	30.7	340.2	29.97	333.7	28.37	327.2	26.77	324.0	26.09	317.5	25.42	311.0	24.07
	26.6	25.3	340.2	30.85	333.7	29.21	327.2	27.56	324.0	26.86	317.5	26.16	311.0	24.77
	23.0	21.9	341.4	31.58	334.9	29.89	328.4	28.20	325.1	27.49	318.6	26.77	312.1	25.34
	19.4	18.3	345.3	32.65	338.7	30.91	332.1	29.17	328.8	28.43	322.3	27.68	315.7	26.20
	14.0	13.1	350.9	34.35	344.2	32.52	337.6	30.69	334.2	29.91	327.5	29.12	320.8	27.55
	8.2	7.3	357.2	36.46	350.4	34.52	343.6	32.58	340.2	31.74	333.4	30.91	326.6	29.23
	5.9	5.0	340.2	35.29	333.7	33.41	327.2	31.53	324.0	30.72	317.5	29.91	311.0	28.28
	0.0	-0.9	297.7	32.25	292.0	30.54	286.3	28.83	283.5	28.08	277.8	27.33	272.2	25.83
	-3.1	-4.0	275.6	30.59	270.3	28.97	265.1	27.35	262.4	26.63	257.2	25.92	251.9	24.50
	-9.0	-9.4	245.1	28.56	240.5	27.04	235.8	25.53	233.5	24.86	228.8	24.19	224.1	22.86
	-12.6	-13.0	224.2	27.05	219.9	25.62	215.7	24.18	213.5	23.55	209.2	22.91	205.0	21.64
	-17.3	-18.4	192.8	24.65	189.1	23.34	185.4	22.04	183.6	21.46	179.9	20.87	176.2	19.71
	-21.8	-22.0	171.8	22.93	168.5	21.72	165.3	20.51	163.6	19.97	160.3	19.42	157.1	18.33
	-24.6	-25.0	154.3	21.42	151.4	20.29	148.5	19.16	147.0	18.65	144.0	18.14	141.1	17.11
	-29.8	-30.0	125.2	18.68	122.8	17.70	120.5	16.71	119.3	16.26	116.9	15.81	114.5	14.91
70	59.0	56.7	297.7	23.19	292.0	21.95	286.3	20.70	283.5	20.19	277.8	19.68	272.2	18.65
	55.4	53.2	297.7	23.49	292.0	22.23	286.3	20.97	283.5	20.45	277.8	19.93	272.2	18.89
	51.8	49.6	297.7	23.82	292.0	22.55	286.3	21.27	283.5	20.74	277.8	20.21	272.2	19.15
	48.2	46.2	297.7	24.16	292.0	22.86	286.3	21.57	283.5	21.03	277.8	20.49	272.2	19.42
	47.0	43.0	297.7	24.49	292.0	23.18	286.3	21.87	283.5	21.32	277.8	20.78	272.2	19.68
	41.0	39.4	297.7	24.89	292.0	23.56	286.3	22.22	283.5	21.67	277.8	21.11	272.2	20.00
	36.5	35.0	297.7	25.40	292.0	24.04	286.3	22.68	283.5	22.11	277.8	21.54	272.2	20.40
	32.0	30.7	297.7	25.95	292.0	24.56	286.3	23.18	283.5	22.59	277.8	22.01	272.2	20.84
	26.6	25.3	297.7	26.71	292.0	25.29	286.3	23.86	283.5	23.26	277.8	22.65	272.2	21.44
	23.0	21.9	298.7	27.34	293.0	25.88	287.3	24.42	284.5	23.80	278.8	23.18	273.1	21.94
	19.4	18.3	302.1	28.27	296.4	26.76	290.6	25.25	287.7	24.61	282.0	23.97	276.2	22.68
	14.0	13.1	307.1	29.74	301.2	28.16	295.4	26.57	292.4	25.89	286.6	25.21	280.7	23.85
	8.2	7.3	312.6	31.57	306.6	29.89	300.7	28.21	297.7	27.48	291.7	26.76	285.8	25.31
	5.9	5.0	297.7	30.55	292.0	28.93	286.3	27.30	283.5	26.60	277.8	25.89	272.2	24.48
	0.0	-0.9	260.5	27.92	255.5	26.44	250.5	24.96	248.1	24.31	243.1	23.66	238.1	22.37
	-3.1	-4.0	241.1	26.49	236.5	25.08	231.9	23.68	229.6	23.06	225.0	22.44	220.4	21.21
	-9.0	-9.4	214.5	24.73	210.4	23.42	206.3	22.10	204.3	21.53	200.2	20.95	196.1	19.79
	-12.6	-13.0	196.2	23.42	192.4	22.18	188.7	20.94	186.8	20.39	183.1	19.84	179.4	18.74
	-17.3	-18.4	168.7	21.34	165.5	20.21	162.2	19.08	160.6	18.58	157.4	18.07	154.2	17.06
	-21.8	-22.0	150.3	19.86	147.5	18.81	144.6	17.76	143.2	17.29	140.3	16.81	137.4	15.87
	-24.6	-25.0	135.0	18.55	132.5	17.57	129.9	16.59	128.6	16.15	126.0	15.70	123.5	14.82
	-29.8	-30.0	109.6	16.17	107.5	15.32	105.4	14.47	104.4	14.08	102.3	13.69	100.2	12.91

TC: Total Capacity (kBtu/h)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature 5.9°F(DB)/5.0°F(WB)~-21.8°F(DB)/-22.0°F(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP0721FT6P-UL/MMY-MUP0721FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	24.9	5.50	24.5	5.21	24.0	4.91	23.7	4.79	23.3	4.67	22.8	4.42
	13.0	11.8	24.9	5.57	24.5	5.27	24.0	4.97	23.7	4.85	23.3	4.73	22.8	4.48
	11.0	9.8	24.9	5.65	24.5	5.35	24.0	5.04	23.7	4.92	23.3	4.79	22.8	4.54
	9.0	7.9	24.9	5.73	24.5	5.42	24.0	5.12	23.7	4.99	23.3	4.86	22.8	4.61
	8.3	6.1	24.9	5.81	24.5	5.50	24.0	5.19	23.7	5.06	23.3	4.93	22.8	4.67
	5.0	4.1	24.9	5.90	24.5	5.59	24.0	5.27	23.7	5.14	23.3	5.01	22.8	4.74
	2.5	1.7	24.9	6.02	24.5	5.70	24.0	5.38	23.7	5.24	23.3	5.11	22.8	4.84
	0.0	-0.7	24.2	5.96	23.8	5.64	23.3	5.32	23.1	5.19	22.6	5.06	22.1	4.79
	-3.0	-3.7	23.3	5.89	22.9	5.57	22.4	5.26	22.2	5.12	21.8	4.99	21.3	4.72
	-5.0	-5.6	22.8	5.84	22.3	5.53	21.9	5.22	21.7	5.08	21.2	4.95	20.8	4.69
	-7.0	-7.6	22.2	5.79	21.7	5.48	21.3	5.17	21.1	5.04	20.7	4.91	20.3	4.65
	-10.0	-10.5	21.3	5.73	20.9	5.43	20.5	5.12	20.3	4.99	19.9	4.86	19.5	4.60
	-14.5	-15.0	19.9	5.65	19.6	5.35	19.2	5.05	19.0	4.92	18.6	4.79	18.2	4.53
	-19.5	-20.0	18.9	5.78	18.6	5.47	18.2	5.17	18.0	5.03	17.7	4.90	17.3	4.63
	-22.8	-23.0	16.3	5.18	15.9	4.90	15.6	4.63	15.5	4.51	15.2	4.39	14.9	4.15
	-24.8	-25.0	14.5	4.75	14.2	4.50	13.9	4.25	13.8	4.14	13.5	4.03	13.2	3.80
	-27.4	-28.0	11.8	4.07	11.5	3.85	11.3	3.64	11.2	3.54	11.0	3.44	10.8	3.25
	-29.9	-30.0	10.0	3.57	9.8	3.38	9.6	3.19	9.5	3.11	9.3	3.02	9.1	2.85
110	15.0	13.7	25.4	5.53	24.9	5.23	24.5	4.93	24.2	4.81	23.7	4.69	23.2	4.45
	13.0	11.8	25.4	5.60	24.9	5.30	24.5	5.00	24.2	4.87	23.7	4.75	23.2	4.50
	11.0	9.8	25.4	5.68	24.9	5.37	24.5	5.07	24.2	4.94	23.7	4.82	23.2	4.56
	9.0	7.9	25.4	5.76	24.9	5.45	24.5	5.14	24.2	5.01	23.7	4.88	23.2	4.63
	8.3	6.1	25.4	5.84	24.9	5.52	24.5	5.21	24.2	5.08	23.7	4.95	23.2	4.69
	5.0	4.1	25.4	5.93	24.9	5.61	24.5	5.30	24.2	5.16	23.7	5.03	23.2	4.77
	2.5	1.7	25.4	6.05	24.9	5.73	24.5	5.40	24.2	5.27	23.7	5.13	23.2	4.86
	0.0	-0.7	24.7	5.99	24.2	5.67	23.8	5.35	23.5	5.21	23.1	5.08	22.6	4.81
	-3.0	-3.7	23.8	5.91	23.3	5.60	22.9	5.28	22.7	5.15	22.2	5.01	21.7	4.75
	-5.0	-5.6	23.2	5.87	22.8	5.55	22.3	5.24	22.1	5.11	21.7	4.97	21.2	4.71
	-7.0	-7.6	22.6	5.82	22.2	5.51	21.7	5.20	21.5	5.07	21.1	4.93	20.7	4.67
	-10.0	-10.5	21.7	5.76	21.3	5.45	20.9	5.14	20.7	5.01	20.3	4.88	19.9	4.62
	-14.5	-15.0	20.3	5.67	20.0	5.37	19.6	5.07	19.4	4.94	19.0	4.81	18.6	4.55
	-19.5	-20.0	19.3	5.81	19.0	5.50	18.6	5.19	18.4	5.06	18.0	4.92	17.7	4.65
	-22.8	-23.0	16.6	5.20	16.3	4.93	15.9	4.65	15.8	4.53	15.5	4.41	15.2	4.16
	-24.8	-25.0	14.7	4.78	14.5	4.52	14.2	4.27	14.0	4.16	13.8	4.05	13.5	3.82
	-27.4	-28.0	12.0	4.09	11.8	3.87	11.5	3.65	11.4	3.56	11.2	3.46	11.0	3.27
	-29.9	-30.0	10.2	3.59	10.0	3.40	9.8	3.21	9.7	3.12	9.5	3.04	9.3	2.87
120	15.0	13.7	26.2	5.60	25.7	5.30	25.2	5.00	24.9	4.88	24.4	4.76	23.9	4.51
	13.0	11.8	26.2	5.68	25.7	5.37	25.2	5.07	24.9	4.94	24.4	4.82	23.9	4.56
	11.0	9.8	26.2	5.76	25.7	5.45	25.2	5.14	24.9	5.01	24.4	4.88	23.9	4.63
	9.0	7.9	26.2	5.84	25.7	5.52	25.2	5.21	24.9	5.08	24.4	4.95	23.9	4.69
	8.3	6.1	26.2	5.92	25.7	5.60	25.2	5.28	24.9	5.15	24.4	5.02	23.9	4.76
	5.0	4.1	26.2	6.01	25.7	5.69	25.2	5.37	24.9	5.24	24.4	5.10	23.9	4.83
	2.5	1.7	26.2	6.14	25.7	5.81	25.2	5.48	24.9	5.34	24.4	5.21	23.9	4.93
	0.0	-0.7	25.4	6.07	24.9	5.75	24.5	5.42	24.2	5.29	23.7	5.15	23.3	4.88
	-3.0	-3.7	24.5	6.00	24.0	5.68	23.6	5.36	23.3	5.22	22.9	5.08	22.4	4.81
	-5.0	-5.6	23.9	5.95	23.4	5.63	23.0	5.31	22.8	5.18	22.3	5.04	21.8	4.77
	-7.0	-7.6	23.3	5.90	22.8	5.59	22.4	5.27	22.2	5.14	21.7	5.00	21.3	4.74
	-10.0	-10.5	22.4	5.84	21.9	5.53	21.5	5.22	21.3	5.08	20.9	4.95	20.4	4.68
	-14.5	-15.0	20.9	5.75	20.5	5.45	20.1	5.14	19.9	5.01	19.5	4.88	19.1	4.61
	-19.5	-20.0	19.9	5.89	19.5	5.58	19.1	5.26	18.9	5.13	18.6	4.99	18.2	4.72
	-22.8	-23.0	17.1	5.28	16.7	5.00	16.4	4.72	16.3	4.59	15.9	4.47	15.6	4.22
	-24.8	-25.0	15.2	4.84	14.9	4.59	14.6	4.33	14.5	4.22	14.2	4.10	13.9	3.87
	-27.4	-28.0	12.4	4.14	12.1	3.93	11.9	3.71	11.8	3.61	11.5	3.51	11.3	3.31
	-29.9	-30.0	10.5	3.64	10.3	3.45	10.1	3.25	10.0	3.17	9.8	3.08	9.6	2.91
130	15.0	13.7	26.8	5.65	26.3	5.35	25.8	5.05	25.5	4.92	25.0	4.80	24.5	4.55
	13.0	11.8	26.8	5.73	26.3	5.42	25.8	5.11	25.5	4.99	25.0	4.86	24.5	4.61
	11.0	9.8	26.8	5.81	26.3	5.50	25.8	5.18	25.5	5.06	25.0	4.93	24.5	4.67
	9.0	7.9	26.8	5.89	26.3	5.57	25.8	5.26	25.5	5.13	25.0	5.00	24.5	4.73
	8.3	6.1	26.8	5.97	26.3	5.65	25.8	5.33	25.5	5.20	25.0	5.07	24.5	4.80
	5.0	4.1	26.8	6.07	26.3	5.74	25.8	5.42	25.5	5.28	25.0	5.15	24.5	4.88
	2.5	1.7	26.8	6.19	26.3	5.86	25.8	5.53	25.5	5.39	25.0	5.25	24.5	4.97
	0.0	-0.7	26.0	6.13	25.5	5.80	25.0	5.47	24.8	5.34	24.3	5.20	23.8	4.92
	-3.0	-3.7	25.1	6.05	24.6	5.73	24.1	5.40	23.9	5.27	23.4	5.13	22.9	4.86
	-5.0	-5.6	24.5	6.00	24.0	5.68	23.5	5.36	23.3	5.22	22.8	5.09	22.4	4.82
	-7.0	-7.6	23.8	5.95	23.4	5.64	22.9	5.32	22.7	5.18	22.2	5.05	21.8	4.78
	-10.0	-10.5	22.9	5.89	22.4	5.58	22.0	5.26	21.8	5.13	21.4	4.99	20.9	4.72
	-14.5	-15.0	21.4	5.81	21.0	5.50	20.6	5.19	20.4	5.05	20.0	4.92	19.6	4.65
	-19.5	-20.0	20.4	5.94	20.0	5.63	19.6	5.31	19.4	5.17	19.0	5.03	18.6	4.76
	-22.8	-23.0	17.5	5.32	17.1	5.04	16.8	4.76	16.6	4.63	16.3	4.51	16.0	4.26
	-24.8	-25.0	15.5	4.89	15.2	4.63	14.9	4.37	14.8	4.25	14.5	4.14	14.2	3.91
	-27.4	-28.0	12.6	4.18	12.4	3.96	12.2	3.74	12.0	3.64	11.8	3.54	11.6	3.34
	-29.9	-30.0	10.7	3.67	10.5	3.48	10.3	3.28	10.2	3.20	10.0	3.11	9.8	2.93

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	22.4	4.90	22.0	4.63	21.6	4.37	21.4	4.26	20.9	4.16	20.5	3.94
	13.0	11.8	22.4	4.96	22.0	4.69	21.6	4.43	21.4	4.32	20.9	4.21	20.5	3.99
	11.0	9.8	22.4	5.03	22.0	4.76	21.6	4.49	21.4	4.38	20.9	4.27	20.5	4.04
	9.0	7.9	22.4	5.10	22.0	4.83	21.6	4.55	21.4	4.44	20.9	4.33	20.5	4.10
	8.3	6.1	22.4	5.17	22.0	4.90	21.6	4.62	21.4	4.50	20.9	4.39	20.5	4.16
	5.0	4.1	22.4	5.26	22.0	4.97	21.6	4.69	21.4	4.58	20.9	4.46	20.5	4.22
	2.5	1.7	22.4	5.36	22.0	5.08	21.6	4.79	21.4	4.67	20.9	4.55	20.5	4.31
	0.0	-0.7	21.8	5.31	21.4	5.02	21.0	4.74	20.8	4.62	20.3	4.50	19.9	4.26
	-3.0	-3.7	21.0	5.24	20.6	4.96	20.2	4.68	20.0	4.56	19.6	4.44	19.2	4.21
	-5.0	-5.6	20.5	5.20	20.1	4.92	19.7	4.64	19.5	4.53	19.1	4.41	18.7	4.17
	-7.0	-7.6	19.9	5.16	19.6	4.88	19.2	4.61	19.0	4.49	18.6	4.37	18.2	4.14
	-10.0	-10.5	19.2	5.10	18.8	4.83	18.4	4.56	18.2	4.44	17.9	4.33	17.5	4.09
	-14.5	-15.0	17.9	5.03	17.6	4.76	17.3	4.49	17.1	4.38	16.8	4.26	16.4	4.03
	-19.5	-20.0	17.0	5.15	16.7	4.87	16.4	4.60	16.2	4.48	15.9	4.36	15.6	4.12
	-22.8	-23.0	14.6	4.61	14.3	4.37	14.1	4.12	13.9	4.01	13.7	3.91	13.4	3.69
	-24.8	-25.0	13.0	4.23	12.8	4.01	12.5	3.78	12.4	3.68	12.1	3.58	11.9	3.39
	-27.4	-28.0	10.6	3.62	10.4	3.43	10.2	3.24	10.1	3.15	9.9	3.07	9.7	2.90
	-29.9	-30.0	9.0	3.18	8.8	3.01	8.6	2.84	8.5	2.77	8.4	2.69	8.2	2.54
80	15.0	13.7	19.9	4.31	19.6	4.08	19.2	3.84	19.0	3.75	18.6	3.65	18.2	3.46
	13.0	11.8	19.9	4.36	19.6	4.13	19.2	3.89	19.0	3.80	18.6	3.70	18.2	3.51
	11.0	9.8	19.9	4.42	19.6	4.19	19.2	3.95	19.0	3.85	18.6	3.75	18.2	3.56
	9.0	7.9	19.9	4.49	19.6	4.25	19.2	4.01	19.0	3.91	18.6	3.81	18.2	3.61
	8.3	6.1	19.9	4.55	19.6	4.30	19.2	4.06	19.0	3.96	18.6	3.86	18.2	3.66
	5.0	4.1	19.9	4.62	19.6	4.37	19.2	4.13	19.0	4.02	18.6	3.92	18.2	3.71
	2.5	1.7	19.9	4.72	19.6	4.46	19.2	4.21	19.0	4.11	18.6	4.00	18.2	3.79
	0.0	-0.7	19.4	4.67	19.0	4.42	18.6	4.17	18.5	4.06	18.1	3.96	17.7	3.75
	-3.0	-3.7	18.7	4.61	18.3	4.36	17.9	4.12	17.8	4.01	17.4	3.91	17.1	3.70
	-5.0	-5.6	18.2	4.57	17.9	4.33	17.5	4.08	17.3	3.98	17.0	3.88	16.6	3.67
	-7.0	-7.6	17.7	4.54	17.4	4.29	17.0	4.05	16.9	3.95	16.5	3.85	16.2	3.64
	-10.0	-10.5	17.0	4.49	16.7	4.25	16.4	4.01	16.2	3.91	15.9	3.80	15.6	3.60
	-14.5	-15.0	16.0	4.42	15.6	4.19	15.3	3.95	15.2	3.85	14.9	3.75	14.6	3.54
	-19.5	-20.0	15.2	4.53	14.9	4.29	14.6	4.05	14.4	3.94	14.1	3.84	13.9	3.62
	-22.8	-23.0	13.0	4.06	12.8	3.84	12.5	3.63	12.4	3.53	12.1	3.44	11.9	3.25
	-24.8	-25.0	11.6	3.72	11.3	3.52	11.1	3.33	11.0	3.24	10.8	3.15	10.6	2.98
	-27.4	-28.0	9.4	3.18	9.2	3.02	9.1	2.85	9.0	2.77	8.8	2.70	8.6	2.55
	-29.9	-30.0	8.0	2.80	7.8	2.65	7.7	2.50	7.6	2.43	7.4	2.37	7.3	2.23
70	15.0	13.7	17.4	3.73	17.1	3.53	16.8	3.33	16.6	3.25	16.3	3.16	16.0	3.00
	13.0	11.8	17.4	3.78	17.1	3.57	16.8	3.37	16.6	3.29	16.3	3.20	16.0	3.04
	11.0	9.8	17.4	3.83	17.1	3.63	16.8	3.42	16.6	3.33	16.3	3.25	16.0	3.08
	9.0	7.9	17.4	3.88	17.1	3.68	16.8	3.47	16.6	3.38	16.3	3.30	16.0	3.12
	8.3	6.1	17.4	3.94	17.1	3.73	16.8	3.52	16.6	3.43	16.3	3.34	16.0	3.17
	5.0	4.1	17.4	4.00	17.1	3.79	16.8	3.57	16.6	3.48	16.3	3.39	16.0	3.22
	2.5	1.7	17.4	4.08	17.1	3.87	16.8	3.65	16.6	3.56	16.3	3.46	16.0	3.28
	0.0	-0.7	17.0	4.04	16.6	3.83	16.3	3.61	16.1	3.52	15.8	3.43	15.5	3.25
	-3.0	-3.7	16.3	3.99	16.0	3.78	15.7	3.56	15.5	3.47	15.2	3.38	14.9	3.20
	-5.0	-5.6	15.9	3.96	15.6	3.75	15.3	3.54	15.2	3.45	14.9	3.36	14.6	3.18
	-7.0	-7.6	15.5	3.93	15.2	3.72	14.9	3.51	14.8	3.42	14.5	3.33	14.2	3.15
	-10.0	-10.5	14.9	3.88	14.6	3.68	14.3	3.47	14.2	3.38	13.9	3.29	13.6	3.12
	-14.5	-15.0	14.0	3.83	13.7	3.63	13.4	3.42	13.3	3.33	13.0	3.25	12.8	3.07
	-19.5	-20.0	13.3	3.92	13.0	3.71	12.8	3.50	12.6	3.41	12.4	3.32	12.1	3.14
	-22.8	-23.0	11.4	3.51	11.2	3.33	10.9	3.14	10.8	3.06	10.6	2.97	10.4	2.81
	-24.8	-25.0	10.1	3.22	9.9	3.05	9.7	2.88	9.6	2.81	9.4	2.73	9.3	2.58
	-27.4	-28.0	8.2	2.76	8.1	2.61	7.9	2.47	7.8	2.40	7.7	2.34	7.5	2.20
	-29.9	-30.0	7.0	2.42	6.8	2.29	6.7	2.17	6.6	2.11	6.5	2.05	6.4	1.93

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP0961FT6P-UL/MMY-MUP0961FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	33.2	7.76	32.6	7.34	32.0	6.92	31.7	6.75	31.0	6.58	30.4	6.24
	13.0	11.8	33.2	7.85	32.6	7.43	32.0	7.01	31.7	6.84	31.0	6.66	30.4	6.32
	11.0	9.8	33.2	7.97	32.6	7.54	32.0	7.11	31.7	6.93	31.0	6.76	30.4	6.40
	9.0	7.9	33.2	8.08	32.6	7.64	32.0	7.21	31.7	7.03	31.0	6.85	30.4	6.49
	8.3	6.1	33.2	8.19	32.6	7.75	32.0	7.31	31.7	7.13	31.0	6.95	30.4	6.58
	5.0	4.1	33.2	8.32	32.6	7.88	32.0	7.43	31.7	7.24	31.0	7.06	30.4	6.69
	2.5	1.7	33.2	8.49	32.6	8.04	32.0	7.58	31.7	7.39	31.0	7.20	30.4	6.82
	0.0	-0.7	32.0	8.27	31.4	7.83	30.8	7.39	30.5	7.20	29.9	7.02	29.3	6.64
	-3.0	-3.7	30.5	7.99	29.9	7.56	29.3	7.14	29.0	6.96	28.4	6.77	27.8	6.41
	-5.0	-5.6	29.5	7.87	28.9	7.45	28.3	7.03	28.1	6.85	27.5	6.67	26.9	6.32
	-7.0	-7.6	28.4	7.75	27.9	7.34	27.3	6.92	27.1	6.75	26.5	6.57	26.0	6.22
	-10.0	-10.5	26.9	7.58	26.4	7.17	25.9	6.77	25.6	6.60	25.1	6.42	24.6	6.08
	-14.5	-15.0	24.6	7.32	24.1	6.93	23.7	6.54	23.4	6.37	23.0	6.20	22.5	5.86
	-19.5	-20.0	21.9	7.02	21.5	6.64	21.1	6.27	20.9	6.11	20.5	5.95	20.1	5.62
	-22.8	-23.0	18.5	6.19	18.2	5.86	17.8	5.54	17.7	5.39	17.3	5.25	17.0	4.96
	-24.8	-25.0	16.3	5.61	16.0	5.31	15.7	5.01	15.5	4.88	15.2	4.75	14.9	4.48
	-27.4	-28.0	12.9	4.66	12.6	4.41	12.4	4.17	12.3	4.06	12.0	3.95	11.8	3.73
	-29.9	-30.0	10.6	3.98	10.4	3.77	10.2	3.56	10.1	3.46	9.9	3.37	9.7	3.18
110	15.0	13.7	33.9	7.79	33.3	7.37	32.6	6.95	32.3	6.78	31.6	6.61	31.0	6.27
	13.0	11.8	33.9	7.89	33.3	7.47	32.6	7.04	32.3	6.87	31.6	6.70	31.0	6.35
	11.0	9.8	33.9	8.00	33.3	7.57	32.6	7.14	32.3	6.97	31.6	6.79	31.0	6.43
	9.0	7.9	33.9	8.12	33.3	7.68	32.6	7.24	32.3	7.06	31.6	6.88	31.0	6.52
	8.3	6.1	33.9	8.23	33.3	7.79	32.6	7.35	32.3	7.16	31.6	6.98	31.0	6.61
	5.0	4.1	33.9	8.36	33.3	7.91	32.6	7.47	32.3	7.28	31.6	7.09	31.0	6.72
	2.5	1.7	33.9	8.53	33.3	8.08	32.6	7.62	32.3	7.43	31.6	7.24	31.0	6.85
	0.0	-0.7	32.6	8.31	32.0	7.87	31.4	7.42	31.1	7.24	30.5	7.05	29.9	6.67
	-3.0	-3.7	31.1	8.03	30.5	7.60	29.9	7.17	29.6	6.99	29.0	6.81	28.4	6.44
	-5.0	-5.6	30.1	7.91	29.5	7.48	28.9	7.06	28.6	6.88	28.1	6.70	27.5	6.34
	-7.0	-7.6	29.0	7.79	28.4	7.37	27.9	6.96	27.6	6.78	27.1	6.60	26.5	6.25
	-10.0	-10.5	27.5	7.61	26.9	7.21	26.4	6.80	26.2	6.63	25.6	6.45	25.1	6.11
	-14.5	-15.0	25.1	7.35	24.6	6.96	24.1	6.57	23.9	6.40	23.4	6.23	22.9	5.89
	-19.5	-20.0	22.4	7.05	21.9	6.68	21.5	6.30	21.3	6.14	20.9	5.97	20.5	5.64
	-22.8	-23.0	18.9	6.22	18.6	5.89	18.2	5.56	18.0	5.42	17.7	5.27	17.3	4.98
	-24.8	-25.0	16.6	5.63	16.3	5.33	16.0	5.04	15.8	4.90	15.5	4.77	15.2	4.51
	-27.4	-28.0	13.2	4.68	12.9	4.43	12.7	4.19	12.5	4.08	12.3	3.97	12.0	3.74
	-29.9	-30.0	10.8	3.99	10.6	3.78	10.4	3.57	10.3	3.48	10.1	3.38	9.9	3.19
120	15.0	13.7	34.9	7.90	34.2	7.48	33.6	7.05	33.2	6.88	32.6	6.70	31.9	6.36
	13.0	11.8	34.9	8.00	34.2	7.57	33.6	7.14	33.2	6.97	32.6	6.79	31.9	6.44
	11.0	9.8	34.9	8.12	34.2	7.68	33.6	7.25	33.2	7.07	32.6	6.89	31.9	6.53
	9.0	7.9	34.9	8.23	34.2	7.79	33.6	7.35	33.2	7.16	32.6	6.98	31.9	6.62
	8.3	6.1	34.9	8.34	34.2	7.90	33.6	7.45	33.2	7.26	32.6	7.08	31.9	6.71
	5.0	4.1	34.9	8.48	34.2	8.02	33.6	7.57	33.2	7.38	32.6	7.19	31.9	6.81
	2.5	1.7	34.9	8.65	34.2	8.19	33.6	7.73	33.2	7.53	32.6	7.34	31.9	6.95
	0.0	-0.7	33.6	8.43	33.0	7.98	32.3	7.53	32.0	7.34	31.4	7.15	30.7	6.77
	-3.0	-3.7	32.0	8.14	31.4	7.71	30.8	7.27	30.5	7.09	29.8	6.90	29.2	6.53
	-5.0	-5.6	30.9	8.02	30.4	7.59	29.8	7.16	29.5	6.98	28.9	6.80	28.3	6.43
	-7.0	-7.6	29.9	7.90	29.3	7.47	28.7	7.05	28.4	6.87	27.9	6.69	27.3	6.34
	-10.0	-10.5	28.3	7.72	27.7	7.31	27.2	6.90	26.9	6.72	26.4	6.55	25.9	6.19
	-14.5	-15.0	25.8	7.45	25.3	7.06	24.8	6.66	24.6	6.49	24.1	6.32	23.6	5.97
	-19.5	-20.0	23.0	7.15	22.6	6.77	22.2	6.39	21.9	6.22	21.5	6.06	21.1	5.72
	-22.8	-23.0	19.5	6.31	19.1	5.97	18.7	5.64	18.5	5.49	18.2	5.34	17.8	5.05
	-24.8	-25.0	17.1	5.71	16.8	5.41	16.4	5.11	16.3	4.97	16.0	4.84	15.6	4.57
	-27.4	-28.0	13.5	4.75	13.3	4.50	13.0	4.25	12.9	4.13	12.6	4.02	12.4	3.80
	-29.9	-30.0	11.2	4.05	11.0	3.84	10.7	3.62	10.6	3.53	10.4	3.43	10.2	3.24
130	15.0	13.7	35.7	7.97	35.0	7.54	34.4	7.12	34.0	6.94	33.3	6.76	32.7	6.41
	13.0	11.8	35.7	8.07	35.0	7.64	34.4	7.21	34.0	7.03	33.3	6.85	32.7	6.49
	11.0	9.8	35.7	8.19	35.0	7.75	34.4	7.31	34.0	7.13	33.3	6.95	32.7	6.58
	9.0	7.9	35.7	8.30	35.0	7.86	34.4	7.41	34.0	7.23	33.3	7.04	32.7	6.67
	8.3	6.1	35.7	8.42	35.0	7.97	34.4	7.52	34.0	7.33	33.3	7.14	32.7	6.77
	5.0	4.1	35.7	8.55	35.0	8.10	34.4	7.64	34.0	7.45	33.3	7.26	32.7	6.87
	2.5	1.7	35.7	8.73	35.0	8.26	34.4	7.80	34.0	7.60	33.3	7.40	32.7	7.01
	0.0	-0.7	34.4	8.50	33.8	8.05	33.1	7.59	32.8	7.40	32.1	7.21	31.5	6.83
	-3.0	-3.7	32.7	8.21	32.1	7.77	31.5	7.34	31.2	7.15	30.6	6.96	29.9	6.59
	-5.0	-5.6	31.7	8.09	31.1	7.66	30.5	7.22	30.2	7.04	29.6	6.86	29.0	6.49
	-7.0	-7.6	30.6	7.97	30.0	7.54	29.4	7.12	29.1	6.93	28.5	6.75	27.9	6.39
	-10.0	-10.5	28.9	7.79	28.4	7.37	27.8	6.96	27.6	6.78	27.0	6.60	26.5	6.25
	-14.5	-15.0	26.4	7.52	25.9	7.12	25.4	6.72	25.2	6.55	24.7	6.37	24.2	6.03
	-19.5	-20.0	23.6	7.21	23.1	6.83	22.7	6.45	22.5	6.28	22.0	6.11	21.6	5.78
	-22.8	-23.0	19.9	6.36	19.6	6.03	19.2	5.69	19.0	5.54	18.6	5.39	18.2	5.09
	-24.8	-25.0	17.5	5.76	17.2	5.46	16.8	5.15	16.7	5.02	16.3	4.88	16.0	4.61
	-27.4	-28.0	13.9	4.79	13.6	4.54	13.3	4.28	13.2	4.17	12.9	4.06	12.7	3.83
	-29.9	-30.0	11.4	4.09	11.2	3.87	11.0	3.66	10.9	3.56	10.7	3.46	10.5	3.27

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	29.9	6.90	29.3	6.53	28.8	6.16	28.5	6.01	27.9	5.86	27.3	5.55
	13.0	11.8	29.9	6.99	29.3	6.62	28.8	6.24	28.5	6.09	27.9	5.93	27.3	5.62
	11.0	9.8	29.9	7.09	29.3	6.71	28.8	6.33	28.5	6.17	27.9	6.02	27.3	5.70
	9.0	7.9	29.9	7.19	29.3	6.81	28.8	6.42	28.5	6.26	27.9	6.10	27.3	5.78
	8.3	6.1	29.9	7.29	29.3	6.90	28.8	6.51	28.5	6.35	27.9	6.19	27.3	5.86
	5.0	4.1	29.9	7.41	29.3	7.01	28.8	6.62	28.5	6.45	27.9	6.28	27.3	5.95
	2.5	1.7	29.9	7.56	29.3	7.16	28.8	6.75	28.5	6.58	27.9	6.41	27.3	6.07
	0.0	-0.7	28.8	7.37	28.3	6.97	27.7	6.58	27.4	6.41	26.9	6.25	26.3	5.91
	-3.0	-3.7	27.4	7.11	26.9	6.73	26.4	6.35	26.1	6.19	25.6	6.03	25.1	5.71
	-5.0	-5.6	26.5	7.01	26.0	6.63	25.5	6.26	25.3	6.10	24.8	5.94	24.2	5.62
	-7.0	-7.6	25.6	6.90	25.1	6.53	24.6	6.16	24.4	6.01	23.9	5.85	23.4	5.54
	-10.0	-10.5	24.2	6.75	23.8	6.39	23.3	6.03	23.1	5.87	22.6	5.72	22.2	5.41
	-14.5	-15.0	22.1	6.51	21.7	6.17	21.3	5.82	21.1	5.67	20.7	5.52	20.2	5.22
	-19.5	-20.0	19.7	6.25	19.4	5.92	19.0	5.58	18.8	5.44	18.4	5.29	18.0	5.00
	-22.8	-23.0	16.7	5.51	16.4	5.22	16.1	4.93	15.9	4.80	15.6	4.67	15.3	4.41
	-24.8	-25.0	14.7	4.99	14.4	4.73	14.1	4.46	14.0	4.35	13.7	4.23	13.4	3.99
	-27.4	-28.0	11.6	4.15	11.4	3.93	11.2	3.71	11.1	3.61	10.8	3.51	10.6	3.32
	-29.9	-30.0	9.6	3.54	9.4	3.35	9.2	3.17	9.1	3.08	8.9	3.00	8.8	2.83
80	15.0	13.7	26.6	6.07	26.1	5.75	25.6	5.42	25.3	5.29	24.8	5.15	24.3	4.88
	13.0	11.8	26.6	6.15	26.1	5.82	25.6	5.49	25.3	5.35	24.8	5.22	24.3	4.95
	11.0	9.8	26.6	6.24	26.1	5.90	25.6	5.57	25.3	5.43	24.8	5.29	24.3	5.01
	9.0	7.9	26.6	6.32	26.1	5.99	25.6	5.65	25.3	5.51	24.8	5.37	24.3	5.08
	8.3	6.1	26.6	6.41	26.1	6.07	25.6	5.73	25.3	5.58	24.8	5.44	24.3	5.15
	5.0	4.1	26.6	6.52	26.1	6.17	25.6	5.82	25.3	5.67	24.8	5.53	24.3	5.24
	2.5	1.7	26.6	6.65	26.1	6.29	25.6	5.94	25.3	5.79	24.8	5.64	24.3	5.34
	0.0	-0.7	25.6	6.48	25.1	6.13	24.6	5.78	24.4	5.64	23.9	5.49	23.4	5.20
	-3.0	-3.7	24.4	6.26	23.9	5.92	23.4	5.59	23.2	5.45	22.7	5.30	22.3	5.02
	-5.0	-5.6	23.6	6.16	23.1	5.83	22.7	5.50	22.5	5.36	22.0	5.22	21.6	4.94
	-7.0	-7.6	22.7	6.07	22.3	5.74	21.9	5.42	21.7	5.28	21.2	5.14	20.8	4.87
	-10.0	-10.5	21.5	5.93	21.1	5.62	20.7	5.30	20.5	5.17	20.1	5.03	19.7	4.76
	-14.5	-15.0	19.7	5.73	19.3	5.42	18.9	5.12	18.7	4.99	18.4	4.86	18.0	4.59
	-19.5	-20.0	17.5	5.49	17.2	5.20	16.9	4.91	16.7	4.78	16.4	4.66	16.0	4.40
	-22.8	-23.0	14.8	4.85	14.6	4.59	14.3	4.33	14.1	4.22	13.8	4.11	13.6	3.88
	-24.8	-25.0	13.0	4.39	12.8	4.16	12.5	3.92	12.4	3.82	12.2	3.72	11.9	3.51
	-27.4	-28.0	10.3	3.65	10.1	3.46	9.9	3.26	9.8	3.18	9.6	3.09	9.4	2.92
	-29.9	-30.0	8.5	3.11	8.3	2.95	8.2	2.78	8.1	2.71	7.9	2.64	7.8	2.49
70	15.0	13.7	23.3	5.26	22.8	4.98	22.4	4.69	22.2	4.58	21.7	4.46	21.3	4.23
	13.0	11.8	23.3	5.33	22.8	5.04	22.4	4.75	22.2	4.64	21.7	4.52	21.3	4.28
	11.0	9.8	23.3	5.40	22.8	5.11	22.4	4.82	22.2	4.70	21.7	4.58	21.3	4.34
	9.0	7.9	23.3	5.48	22.8	5.18	22.4	4.89	22.2	4.77	21.7	4.65	21.3	4.40
	8.3	6.1	23.3	5.55	22.8	5.25	22.4	4.96	22.2	4.83	21.7	4.71	21.3	4.46
	5.0	4.1	23.3	5.64	22.8	5.34	22.4	5.04	22.2	4.91	21.7	4.79	21.3	4.53
	2.5	1.7	23.3	5.76	22.8	5.45	22.4	5.14	22.2	5.01	21.7	4.88	21.3	4.62
	0.0	-0.7	22.4	5.61	22.0	5.31	21.6	5.01	21.3	4.88	20.9	4.76	20.5	4.50
	-3.0	-3.7	21.3	5.42	20.9	5.13	20.5	4.84	20.3	4.72	19.9	4.59	19.5	4.35
	-5.0	-5.6	20.6	5.33	20.2	5.05	19.8	4.77	19.6	4.64	19.3	4.52	18.9	4.28
	-7.0	-7.6	19.9	5.25	19.5	4.97	19.1	4.69	19.0	4.57	18.6	4.45	18.2	4.22
	-10.0	-10.5	18.8	5.14	18.5	4.86	18.1	4.59	18.0	4.47	17.6	4.36	17.2	4.12
	-14.5	-15.0	17.2	4.96	16.9	4.70	16.6	4.43	16.4	4.32	16.1	4.20	15.7	3.98
	-19.5	-20.0	15.4	4.76	15.1	4.50	14.8	4.25	14.6	4.14	14.3	4.03	14.0	3.81
	-22.8	-23.0	13.0	4.20	12.7	3.98	12.5	3.75	12.4	3.65	12.1	3.56	11.9	3.36
	-24.8	-25.0	11.4	3.80	11.2	3.60	11.0	3.40	10.9	3.31	10.6	3.22	10.4	3.04
	-27.4	-28.0	9.0	3.16	8.9	2.99	8.7	2.83	8.6	2.75	8.4	2.68	8.3	2.53
	-29.9	-30.0	7.4	2.70	7.3	2.55	7.2	2.41	7.1	2.35	6.9	2.28	6.8	2.15

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-MUP1201FT6P-UL/MMY-MUP1201FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	41.5	10.05	40.8	9.51	40.0	8.97	39.6	8.75	38.8	8.53	38.0	8.08
	13.0	11.8	41.5	10.18	40.8	9.63	40.0	9.08	39.6	8.86	38.8	8.63	38.0	8.18
	11.0	9.8	41.5	10.32	40.8	9.77	40.0	9.21	39.6	8.99	38.8	8.76	38.0	8.30
	9.0	7.9	41.5	10.47	40.8	9.91	40.0	9.34	39.6	9.11	38.8	8.88	38.0	8.41
	8.3	6.1	41.5	10.61	40.8	10.04	40.0	9.47	39.6	9.24	38.8	9.00	38.0	8.53
	5.0	4.1	40.2	10.22	39.5	9.67	38.7	9.12	38.3	8.89	37.6	8.67	36.8	8.21
	2.5	1.7	38.5	9.98	37.7	9.45	37.0	8.91	36.6	8.69	35.9	8.47	35.2	8.02
	0.0	-0.7	36.7	9.70	36.0	9.18	35.3	8.66	34.9	8.45	34.2	8.23	33.5	7.79
	-3.0	-3.7	34.4	9.35	33.8	8.85	33.1	8.35	32.8	8.14	32.1	7.92	31.5	7.50
	-5.0	-5.6	33.0	9.12	32.4	8.63	31.7	8.14	31.4	7.94	30.8	7.73	30.2	7.32
	-7.0	-7.6	31.5	8.87	30.9	8.40	30.3	7.93	30.0	7.72	29.4	7.52	28.8	7.12
	-10.0	-10.5	29.3	8.51	28.8	8.06	28.2	7.61	27.9	7.41	27.4	7.22	26.8	6.83
	-14.5	-15.0	26.0	7.93	25.5	7.51	25.0	7.09	24.7	6.91	24.2	6.72	23.7	6.36
	-19.5	-20.0	20.8	6.79	20.4	6.43	20.0	6.07	19.8	5.91	19.4	5.76	19.0	5.44
	-22.8	-23.0	17.7	6.05	17.4	5.73	17.1	5.41	16.9	5.27	16.6	5.13	16.2	4.84
	-24.8	-25.0	15.7	5.52	15.4	5.23	15.1	4.94	14.9	4.81	14.6	4.68	14.3	4.42
	-27.4	-28.0	12.6	4.67	12.4	4.43	12.1	4.18	12.0	4.07	11.8	3.96	11.5	3.74
	-29.9	-30.0	10.5	4.06	10.3	3.84	10.1	3.63	10.0	3.53	9.8	3.44	9.6	3.24
110	15.0	13.7	42.4	10.10	41.6	9.55	40.8	9.01	40.4	8.79	39.6	8.57	38.7	8.12
	13.0	11.8	42.4	10.22	41.6	9.68	40.8	9.13	40.4	8.90	39.6	8.67	38.7	8.22
	11.0	9.8	42.4	10.37	41.6	9.81	40.8	9.26	40.4	9.03	39.6	8.80	38.7	8.34
	9.0	7.9	42.4	10.51	41.6	9.95	40.8	9.39	40.4	9.15	39.6	8.92	38.7	8.45
	8.3	6.1	42.4	10.66	41.6	10.09	40.8	9.52	40.4	9.28	39.6	9.04	38.7	8.57
	5.0	4.1	41.1	10.27	40.3	9.72	39.5	9.17	39.1	8.94	38.3	8.71	37.5	8.25
	2.5	1.7	39.2	10.03	38.5	9.49	37.7	8.96	37.4	8.73	36.6	8.51	35.9	8.06
	0.0	-0.7	37.4	9.75	36.7	9.23	36.0	8.70	35.6	8.49	34.9	8.27	34.2	7.83
	-3.0	-3.7	35.1	9.39	34.4	8.89	33.8	8.39	33.4	8.17	32.8	7.96	32.1	7.54
	-5.0	-5.6	33.7	9.16	33.0	8.67	32.4	8.18	32.1	7.97	31.4	7.77	30.8	7.35
	-7.0	-7.6	32.1	8.91	31.5	8.44	30.9	7.96	30.6	7.76	30.0	7.56	29.4	7.15
	-10.0	-10.5	29.9	8.55	29.3	8.10	28.8	7.64	28.5	7.44	27.9	7.25	27.4	6.86
	-14.5	-15.0	26.5	7.97	26.0	7.55	25.5	7.12	25.2	6.94	24.7	6.76	24.2	6.39
	-19.5	-20.0	21.2	6.83	20.8	6.46	20.4	6.10	20.2	5.94	19.8	5.78	19.4	5.47
	-22.8	-23.0	18.1	6.08	17.7	5.76	17.4	5.43	17.2	5.29	16.9	5.15	16.5	4.87
	-24.8	-25.0	16.0	5.55	15.7	5.26	15.4	4.96	15.2	4.83	14.9	4.70	14.6	4.44
	-27.4	-28.0	12.9	4.70	12.6	4.45	12.4	4.20	12.2	4.09	12.0	3.98	11.7	3.75
	-29.9	-30.0	10.8	4.08	10.5	3.86	10.3	3.65	10.2	3.55	10.0	3.45	9.8	3.26
120	15.0	13.7	43.6	10.24	42.8	9.69	42.0	9.14	41.5	8.91	40.7	8.69	39.9	8.23
	13.0	11.8	43.6	10.37	42.8	9.81	42.0	9.26	41.5	9.03	40.7	8.80	39.9	8.34
	11.0	9.8	43.6	10.52	42.8	9.95	42.0	9.39	41.5	9.15	40.7	8.92	39.9	8.45
	9.0	7.9	43.6	10.66	42.8	10.09	42.0	9.52	41.5	9.28	40.7	9.05	39.9	8.57
	8.3	6.1	43.6	10.81	42.8	10.23	42.0	9.65	41.5	9.41	40.7	9.17	39.9	8.69
	5.0	4.1	42.3	10.41	41.5	9.85	40.7	9.30	40.2	9.06	39.4	8.83	38.6	8.36
	2.5	1.7	40.4	10.17	39.6	9.63	38.8	9.08	38.5	8.85	37.7	8.63	36.9	8.17
	0.0	-0.7	38.5	9.89	37.8	9.36	37.0	8.83	36.7	8.61	35.9	8.38	35.2	7.94
	-3.0	-3.7	36.1	9.52	35.4	9.01	34.8	8.50	34.4	8.29	33.7	8.07	33.0	7.64
	-5.0	-5.6	34.6	9.29	34.0	8.79	33.3	8.30	33.0	8.09	32.3	7.88	31.7	7.45
	-7.0	-7.6	33.1	9.04	32.4	8.56	31.8	8.08	31.5	7.87	30.9	7.66	30.2	7.25
	-10.0	-10.5	30.8	8.67	30.2	8.21	29.6	7.75	29.3	7.55	28.7	7.35	28.2	6.96
	-14.5	-15.0	27.3	8.08	26.7	7.65	26.2	7.22	26.0	7.04	25.4	6.85	24.9	6.48
	-19.5	-20.0	21.9	6.92	21.4	6.56	21.0	6.19	20.8	6.03	20.4	5.87	20.0	5.54
	-22.8	-23.0	18.6	6.17	18.3	5.84	17.9	5.51	17.7	5.37	17.4	5.22	17.0	4.93
	-24.8	-25.0	16.5	5.63	16.2	5.33	15.8	5.03	15.7	4.90	15.4	4.77	15.1	4.50
	-27.4	-28.0	13.2	4.76	13.0	4.51	12.7	4.26	12.6	4.15	12.3	4.03	12.1	3.81
	-29.9	-30.0	11.1	4.13	10.9	3.92	10.6	3.70	10.5	3.60	10.3	3.50	10.1	3.30
130	15.0	13.7	44.7	10.33	43.8	9.77	43.0	9.22	42.5	8.99	41.7	8.76	40.8	8.31
	13.0	11.8	44.7	10.46	43.8	9.90	43.0	9.34	42.5	9.11	41.7	8.88	40.8	8.41
	11.0	9.8	44.7	10.61	43.8	10.04	43.0	9.47	42.5	9.24	41.7	9.00	40.8	8.53
	9.0	7.9	44.7	10.76	43.8	10.18	43.0	9.60	42.5	9.37	41.7	9.13	40.8	8.65
	8.3	6.1	44.7	10.91	43.8	10.32	43.0	9.74	42.5	9.50	41.7	9.25	40.8	8.77
	5.0	4.1	43.3	10.50	42.4	9.94	41.6	9.38	41.2	9.14	40.4	8.91	39.6	8.44
	2.5	1.7	41.3	10.26	40.6	9.71	39.8	9.16	39.4	8.93	38.6	8.70	37.8	8.24
	0.0	-0.7	39.4	9.97	38.7	9.44	37.9	8.91	37.5	8.68	36.8	8.46	36.0	8.01
	-3.0	-3.7	37.0	9.61	36.3	9.09	35.6	8.58	35.2	8.36	34.5	8.15	33.8	7.71
	-5.0	-5.6	35.5	9.37	34.8	8.87	34.1	8.37	33.8	8.16	33.1	7.95	32.4	7.52
	-7.0	-7.6	33.9	9.12	33.2	8.63	32.6	8.15	32.2	7.94	31.6	7.73	31.0	7.32
	-10.0	-10.5	31.5	8.75	30.9	8.28	30.3	7.82	30.0	7.62	29.4	7.42	28.8	7.02
	-14.5	-15.0	27.9	8.16	27.4	7.72	26.8	7.29	26.6	7.10	26.1	6.91	25.5	6.54
	-19.5	-20.0	22.4	6.98	22.0	6.61	21.5	6.24	21.3	6.08	20.9	5.92	20.5	5.59
	-22.8	-23.0	19.1	6.22	18.7	5.89	18.3	5.56	18.2	5.41	17.8	5.27	17.4	4.98
	-24.8	-25.0	16.9	5.68	16.5	5.38	16.2	5.08	16.1	4.94	15.7	4.81	15.4	4.54
	-27.4	-28.0	13.5	4.80	13.3	4.55	13.0	4.30	12.9	4.18	12.6	4.07	12.4	3.84
	-29.9	-30.0	11.3	4.17	11.1	3.95	10.9	3.73	10.8	3.63	10.6	3.53	10.4	3.33

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	37.4	8.95	36.7	8.47	36.0	7.99	35.6	7.79	34.9	7.59	34.2	7.20
	13.0	11.8	37.4	9.06	36.7	8.58	36.0	8.09	35.6	7.89	34.9	7.69	34.2	7.29
	11.0	9.8	37.4	9.19	36.7	8.70	36.0	8.20	35.6	8.00	34.9	7.80	34.2	7.39
	9.0	7.9	37.4	9.32	36.7	8.82	36.0	8.32	35.6	8.11	34.9	7.90	34.2	7.49
	8.3	6.1	37.4	9.45	36.7	8.94	36.0	8.44	35.6	8.22	34.9	8.01	34.2	7.59
	5.0	4.1	36.2	9.10	35.5	8.61	34.8	8.12	34.5	7.92	33.8	7.72	33.1	7.31
	2.5	1.7	34.6	8.89	33.9	8.41	33.3	7.94	33.0	7.74	32.3	7.54	31.6	7.14
	0.0	-0.7	33.0	8.64	32.4	8.18	31.7	7.71	31.4	7.52	30.8	7.33	30.2	6.94
	-3.0	-3.7	31.0	8.32	30.4	7.88	29.8	7.43	29.5	7.24	28.9	7.06	28.3	6.68
	-5.0	-5.6	29.7	8.12	29.1	7.68	28.6	7.25	28.3	7.07	27.7	6.88	27.1	6.51
	-7.0	-7.6	28.3	7.90	27.8	7.48	27.3	7.06	27.0	6.88	26.5	6.70	25.9	6.34
	-10.0	-10.5	26.4	7.58	25.9	7.17	25.4	6.77	25.1	6.60	24.6	6.42	24.1	6.08
	-14.5	-15.0	23.4	7.06	22.9	6.69	22.5	6.31	22.3	6.15	21.8	5.99	21.4	5.66
	-19.5	-20.0	18.7	6.05	18.4	5.73	18.0	5.41	17.8	5.27	17.5	5.13	17.1	4.84
	-22.8	-23.0	16.0	5.39	15.7	5.10	15.4	4.82	15.2	4.69	14.9	4.56	14.6	4.31
	-24.8	-25.0	14.1	4.92	13.8	4.66	13.6	4.40	13.4	4.28	13.2	4.17	12.9	3.93
	-27.4	-28.0	11.3	4.16	11.1	3.94	10.9	3.72	10.8	3.62	10.6	3.52	10.4	3.33
	-29.9	-30.0	9.5	3.61	9.3	3.42	9.1	3.23	9.0	3.15	8.9	3.06	8.7	2.89
80	15.0	13.7	33.2	7.87	32.6	7.45	32.0	7.02	31.7	6.85	31.0	6.68	30.4	6.33
	13.0	11.8	33.2	7.97	32.6	7.54	32.0	7.11	31.7	6.94	31.0	6.76	30.4	6.41
	11.0	9.8	33.2	8.08	32.6	7.65	32.0	7.21	31.7	7.04	31.0	6.86	30.4	6.50
	9.0	7.9	33.2	8.20	32.6	7.76	32.0	7.32	31.7	7.13	31.0	6.95	30.4	6.59
	8.3	6.1	33.2	8.31	32.6	7.86	32.0	7.42	31.7	7.23	31.0	7.05	30.4	6.68
	5.0	4.1	32.2	8.00	31.6	7.57	31.0	7.14	30.7	6.96	30.1	6.79	29.4	6.43
	2.5	1.7	30.8	7.82	30.2	7.40	29.6	6.98	29.3	6.80	28.7	6.63	28.1	6.28
	0.0	-0.7	29.3	7.60	28.8	7.19	28.2	6.78	27.9	6.61	27.4	6.44	26.8	6.10
	-3.0	-3.7	27.5	7.32	27.0	6.93	26.5	6.54	26.2	6.37	25.7	6.21	25.2	5.87
	-5.0	-5.6	26.4	7.14	25.9	6.76	25.4	6.38	25.1	6.21	24.6	6.05	24.1	5.73
	-7.0	-7.6	25.2	6.95	24.7	6.58	24.2	6.21	24.0	6.05	23.5	5.89	23.0	5.57
	-10.0	-10.5	23.5	6.67	23.0	6.31	22.6	5.95	22.3	5.80	21.9	5.65	21.5	5.35
	-14.5	-15.0	20.8	6.21	20.4	5.88	20.0	5.55	19.8	5.41	19.4	5.27	19.0	4.98
	-19.5	-20.0	16.7	5.32	16.3	5.04	16.0	4.76	15.9	4.63	15.5	4.51	15.2	4.26
	-22.8	-23.0	14.2	4.74	13.9	4.49	13.7	4.24	13.5	4.12	13.2	4.01	13.0	3.79
	-24.8	-25.0	12.5	4.33	12.3	4.10	12.1	3.87	11.9	3.77	11.7	3.66	11.5	3.46
	-27.4	-28.0	10.1	3.66	9.9	3.47	9.7	3.27	9.6	3.19	9.4	3.10	9.2	2.93
	-29.9	-30.0	8.4	3.18	8.3	3.01	8.1	2.84	8.0	2.77	7.9	2.69	7.7	2.54
70	15.0	13.7	29.1	6.81	28.5	6.45	28.0	6.08	27.7	5.93	27.1	5.78	26.6	5.48
	13.0	11.8	29.1	6.90	28.5	6.53	28.0	6.16	27.7	6.01	27.1	5.85	26.6	5.55
	11.0	9.8	29.1	7.00	28.5	6.62	28.0	6.25	27.7	6.09	27.1	5.94	26.6	5.63
	9.0	7.9	29.1	7.10	28.5	6.72	28.0	6.33	27.7	6.18	27.1	6.02	26.6	5.70
	8.3	6.1	29.1	7.19	28.5	6.81	28.0	6.42	27.7	6.26	27.1	6.10	26.6	5.78
	5.0	4.1	28.2	6.93	27.6	6.56	27.1	6.19	26.8	6.03	26.3	5.88	25.8	5.57
	2.5	1.7	26.9	6.77	26.4	6.41	25.9	6.04	25.6	5.89	25.1	5.74	24.6	5.44
	0.0	-0.7	25.7	6.58	25.2	6.23	24.7	5.87	24.4	5.73	24.0	5.58	23.5	5.28
	-3.0	-3.7	24.1	6.34	23.6	6.00	23.2	5.66	22.9	5.52	22.5	5.37	22.0	5.09
	-5.0	-5.6	23.1	6.18	22.7	5.85	22.2	5.52	22.0	5.38	21.6	5.24	21.1	4.96
	-7.0	-7.6	22.0	6.02	21.6	5.69	21.2	5.37	21.0	5.24	20.6	5.10	20.2	4.83
	-10.0	-10.5	20.5	5.77	20.1	5.46	19.7	5.16	19.6	5.02	19.2	4.89	18.8	4.63
	-14.5	-15.0	18.2	5.38	17.8	5.09	17.5	4.81	17.3	4.68	17.0	4.56	16.6	4.31
	-19.5	-20.0	14.6	4.61	14.3	4.36	14.0	4.12	13.9	4.01	13.6	3.90	13.3	3.69
	-22.8	-23.0	12.4	4.10	12.2	3.88	11.9	3.67	11.8	3.57	11.6	3.48	11.4	3.28
	-24.8	-25.0	11.0	3.74	10.8	3.55	10.6	3.35	10.5	3.26	10.2	3.17	10.0	3.00
	-27.4	-28.0	8.8	3.17	8.7	3.00	8.5	2.83	8.4	2.76	8.2	2.68	8.1	2.53
	-29.9	-30.0	7.4	2.75	7.2	2.61	7.1	2.46	7.0	2.40	6.9	2.33	6.7	2.20

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-MUP1441FT6P-UL/MMY-MUP1441FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	49.9	12.41	48.9	11.75	48.0	11.08	47.5	10.81	46.5	10.53	45.6	9.98
	13.0	11.8	49.9	12.57	48.9	11.90	48.0	11.22	47.5	10.94	46.5	10.67	45.6	10.11
	11.0	9.8	49.9	12.75	48.9	12.07	48.0	11.38	47.5	11.10	46.5	10.82	45.6	10.25
	9.0	7.9	49.9	12.93	48.9	12.24	48.0	11.54	47.5	11.26	46.5	10.97	45.6	10.39
	8.3	6.1	49.9	13.11	48.9	12.41	48.0	11.70	47.5	11.41	46.5	11.12	45.6	10.53
	5.0	4.1	49.9	13.32	48.9	12.61	48.0	11.89	47.5	11.60	46.5	11.30	45.6	10.70
	2.5	1.7	49.9	13.59	48.9	12.87	48.0	12.14	47.5	11.83	46.5	11.53	45.6	10.92
	0.0	-0.7	47.2	12.97	46.3	12.28	45.4	11.58	44.9	11.29	44.0	11.00	43.1	10.42
	-3.0	-3.7	43.8	12.16	42.9	11.51	42.1	10.86	41.7	10.59	40.8	10.31	40.0	9.76
	-5.0	-5.6	41.6	11.74	40.8	11.11	40.0	10.49	39.6	10.22	38.8	9.95	38.0	9.42
	-7.0	-7.6	39.3	11.30	38.6	10.70	37.8	10.09	37.4	9.84	36.7	9.58	36.0	9.07
	-10.0	-10.5	36.0	10.65	35.3	10.08	34.7	9.51	34.3	9.27	33.6	9.02	32.9	8.54
	-14.5	-15.0	30.9	9.58	30.3	9.07	29.7	8.56	29.4	8.34	28.8	8.12	28.3	7.67
	-19.5	-20.0	25.4	8.43	24.9	7.99	24.5	7.54	24.2	7.34	23.7	7.15	23.2	6.75
	-22.8	-23.0	21.2	7.38	20.8	6.99	20.4	6.60	20.2	6.42	19.8	6.25	19.4	5.90
	-24.8	-25.0	18.4	6.63	18.1	6.28	17.7	5.93	17.6	5.77	17.2	5.61	16.9	5.30
	-27.4	-28.0	14.2	5.42	14.0	5.13	13.7	4.84	13.6	4.72	13.3	4.59	13.0	4.33
	-29.9	-30.0	11.4	4.54	11.2	4.30	11.0	4.06	10.9	3.95	10.7	3.84	10.5	3.63
110	15.0	13.7	50.9	12.47	49.9	11.80	48.9	11.13	48.4	10.86	47.5	10.58	46.5	10.03
	13.0	11.8	50.9	12.63	49.9	11.95	48.9	11.27	48.4	11.00	47.5	10.72	46.5	10.16
	11.0	9.8	50.9	12.81	49.9	12.12	48.9	11.43	48.4	11.15	47.5	10.87	46.5	10.30
	9.0	7.9	50.9	12.99	49.9	12.29	48.9	11.60	48.4	11.31	47.5	11.02	46.5	10.44
	8.3	6.1	50.9	13.17	49.9	12.46	48.9	11.76	48.4	11.46	47.5	11.17	46.5	10.58
	5.0	4.1	50.9	13.38	49.9	12.67	48.9	11.95	48.4	11.65	47.5	11.35	46.5	10.75
	2.5	1.7	50.9	13.66	49.9	12.93	48.9	12.19	48.4	11.89	47.5	11.58	46.5	10.97
	0.0	-0.7	48.1	13.03	47.2	12.33	46.3	11.64	45.8	11.34	44.9	11.05	44.0	10.46
	-3.0	-3.7	44.6	12.22	43.8	11.57	42.9	10.91	42.5	10.64	41.7	10.36	40.8	9.81
	-5.0	-5.6	42.4	11.80	41.6	11.17	40.8	10.54	40.4	10.27	39.6	10.00	38.8	9.47
	-7.0	-7.6	40.1	11.35	39.3	10.75	38.6	10.14	38.2	9.88	37.4	9.63	36.7	9.11
	-10.0	-10.5	36.7	10.69	36.0	10.12	35.3	9.55	35.0	9.31	34.3	9.07	33.6	8.58
	-14.5	-15.0	31.5	9.62	30.9	9.11	30.3	8.60	30.0	8.38	29.4	8.15	28.8	7.71
	-19.5	-20.0	25.9	8.47	25.4	8.02	24.9	7.57	24.7	7.38	24.2	7.18	23.7	6.78
	-22.8	-23.0	21.7	7.41	21.2	7.02	20.8	6.63	20.6	6.45	20.2	6.28	19.8	5.93
	-24.8	-25.0	18.8	6.66	18.4	6.31	18.1	5.95	17.9	5.80	17.6	5.64	17.2	5.33
	-27.4	-28.0	14.5	5.44	14.3	5.15	14.0	4.87	13.8	4.74	13.6	4.61	13.3	4.35
	-29.9	-30.0	11.7	4.56	11.5	4.32	11.2	4.08	11.1	3.97	10.9	3.86	10.7	3.64
120	15.0	13.7	52.3	12.65	51.3	11.97	50.4	11.29	49.9	11.01	48.9	10.73	47.9	10.17
	13.0	11.8	52.3	12.81	51.3	12.12	50.4	11.43	49.9	11.15	48.9	10.87	47.9	10.30
	11.0	9.8	52.3	12.99	51.3	12.29	50.4	11.60	49.9	11.31	48.9	11.02	47.9	10.44
	9.0	7.9	52.3	13.17	51.3	12.47	50.4	11.76	49.9	11.47	48.9	11.17	47.9	10.59
	8.3	6.1	52.3	13.36	51.3	12.64	50.4	11.92	49.9	11.63	48.9	11.33	47.9	10.73
	5.0	4.1	52.3	13.57	51.3	12.84	50.4	12.12	49.9	11.81	48.9	11.51	47.9	10.90
	2.5	1.7	52.3	13.85	51.3	13.11	50.4	12.37	49.9	12.06	48.9	11.75	47.9	11.12
	0.0	-0.7	49.5	13.22	48.6	12.51	47.6	11.80	47.2	11.51	46.2	11.21	45.3	10.61
	-3.0	-3.7	45.9	12.39	45.1	11.73	44.2	11.07	43.8	10.79	42.9	10.51	42.0	9.95
	-5.0	-5.6	43.7	11.96	42.8	11.32	42.0	10.68	41.6	10.41	40.8	10.14	39.9	9.60
	-7.0	-7.6	41.3	11.51	40.5	10.90	39.7	10.29	39.3	10.02	38.5	9.76	37.7	9.24
	-10.0	-10.5	37.8	10.85	37.1	10.27	36.4	9.69	36.0	9.44	35.3	9.19	34.6	8.70
	-14.5	-15.0	32.5	9.76	31.8	9.24	31.2	8.72	30.9	8.49	30.3	8.27	29.7	7.82
	-19.5	-20.0	26.7	8.59	26.2	8.14	25.7	7.68	25.4	7.48	24.9	7.28	24.4	6.88
	-22.8	-23.0	22.3	7.52	21.9	7.12	21.4	6.72	21.2	6.54	20.8	6.37	20.4	6.02
	-24.8	-25.0	19.4	6.75	19.0	6.40	18.6	6.04	18.4	5.88	18.1	5.72	17.7	5.40
	-27.4	-28.0	15.0	5.52	14.7	5.23	14.4	4.94	14.2	4.80	14.0	4.67	13.7	4.41
	-29.9	-30.0	12.0	4.62	11.8	4.38	11.6	4.14	11.4	4.03	11.2	3.92	11.0	3.69
130	15.0	13.7	53.6	12.76	52.6	12.07	51.6	11.39	51.0	11.11	50.0	10.83	49.0	10.26
	13.0	11.8	53.6	12.92	52.6	12.23	51.6	11.54	51.0	11.25	50.0	10.96	49.0	10.39
	11.0	9.8	53.6	13.11	52.6	12.40	51.6	11.70	51.0	11.41	50.0	11.12	49.0	10.54
	9.0	7.9	53.6	13.29	52.6	12.58	51.6	11.86	51.0	11.57	50.0	11.27	49.0	10.68
	8.3	6.1	53.6	13.47	52.6	12.75	51.6	12.03	51.0	11.73	50.0	11.43	49.0	10.83
	5.0	4.1	53.6	13.69	52.6	12.96	51.6	12.23	51.0	11.92	50.0	11.61	49.0	11.00
	2.5	1.7	53.6	13.97	52.6	13.22	51.6	12.48	51.0	12.16	50.0	11.85	49.0	11.22
	0.0	-0.7	50.7	13.33	49.7	12.62	48.8	11.91	48.3	11.61	47.3	11.31	46.4	10.71
	-3.0	-3.7	47.0	12.50	46.1	11.83	45.2	11.16	44.8	10.88	43.9	10.60	43.0	10.03
	-5.0	-5.6	44.7	12.07	43.9	11.42	43.0	10.78	42.6	10.51	41.7	10.23	40.9	9.68
	-7.0	-7.6	42.3	11.62	41.5	11.00	40.7	10.38	40.3	10.11	39.5	9.85	38.6	9.32
	-10.0	-10.5	38.7	10.94	38.0	10.36	37.3	9.78	36.9	9.53	36.1	9.28	35.4	8.78
	-14.5	-15.0	33.2	9.84	32.6	9.32	32.0	8.80	31.6	8.57	31.0	8.34	30.4	7.89
	-19.5	-20.0	27.3	8.67	26.8	8.21	26.3	7.75	26.0	7.55	25.5	7.35	25.0	6.94
	-22.8	-23.0	22.8	7.58	22.4	7.18	22.0	6.78	21.7	6.60	21.3	6.42	20.9	6.07
	-24.8	-25.0	19.8	6.81	19.4	6.45	19.1	6.09	18.9	5.93	18.5	5.77	18.1	5.45
	-27.4	-28.0	15.3	5.57	15.0	5.27	14.7	4.98	14.6	4.85	14.3	4.72	14.0	4.45
	-29.9	-30.0	12.3	4.66	12.1	4.42	11.8	4.17	11.7	4.06	11.5	3.95	11.3	3.73

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	44.9	11.05	44.0	10.46	43.2	9.86	42.7	9.62	41.9	9.38	41.0	8.89
	13.0	11.8	44.9	11.19	44.0	10.59	43.2	9.99	42.7	9.74	41.9	9.50	41.0	9.00
	11.0	9.8	44.9	11.35	44.0	10.74	43.2	10.13	42.7	9.88	41.9	9.63	41.0	9.13
	9.0	7.9	44.9	11.51	44.0	10.89	43.2	10.28	42.7	10.02	41.9	9.76	41.0	9.25
	8.3	6.1	44.9	11.67	44.0	11.05	43.2	10.42	42.7	10.16	41.9	9.90	41.0	9.38
	5.0	4.1	44.9	11.86	44.0	11.22	43.2	10.59	42.7	10.32	41.9	10.06	41.0	9.53
	2.5	1.7	44.9	12.10	44.0	11.45	43.2	10.81	42.7	10.54	41.9	10.26	41.0	9.72
	0.0	-0.7	42.4	11.55	41.6	10.93	40.8	10.31	40.4	10.05	39.6	9.79	38.8	9.27
	-3.0	-3.7	39.4	10.83	38.6	10.25	37.9	9.67	37.5	9.43	36.8	9.18	36.0	8.69
	-5.0	-5.6	37.4	10.45	36.7	9.89	36.0	9.34	35.7	9.10	34.9	8.86	34.2	8.39
	-7.0	-7.6	35.4	10.06	34.7	9.52	34.0	8.99	33.7	8.76	33.0	8.53	32.4	8.07
	-10.0	-10.5	32.4	9.48	31.8	8.97	31.2	8.47	30.9	8.25	30.3	8.03	29.6	7.60
	-14.5	-15.0	27.8	8.53	27.3	8.07	26.8	7.62	26.5	7.42	26.0	7.23	25.4	6.83
	-19.5	-20.0	22.9	7.51	22.4	7.11	22.0	6.71	21.8	6.54	21.4	6.36	20.9	6.01
	-22.8	-23.0	19.1	6.57	18.7	6.22	18.4	5.87	18.2	5.72	17.8	5.57	17.5	5.26
	-24.8	-25.0	16.6	5.90	16.3	5.59	16.0	5.28	15.8	5.14	15.5	5.00	15.2	4.72
	-27.4	-28.0	12.8	4.82	12.6	4.57	12.3	4.31	12.2	4.20	12.0	4.08	11.7	3.86
	-29.9	-30.0	10.3	4.04	10.1	3.83	9.9	3.61	9.8	3.52	9.6	3.42	9.4	3.23
80	15.0	13.7	39.9	9.72	39.1	9.20	38.4	8.68	38.0	8.46	37.2	8.25	36.5	7.82
	13.0	11.8	39.9	9.84	39.1	9.32	38.4	8.79	38.0	8.57	37.2	8.35	36.5	7.92
	11.0	9.8	39.9	9.98	39.1	9.45	38.4	8.91	38.0	8.69	37.2	8.47	36.5	8.03
	9.0	7.9	39.9	10.12	39.1	9.58	38.4	9.04	38.0	8.81	37.2	8.59	36.5	8.14
	8.3	6.1	39.9	10.26	39.1	9.71	38.4	9.16	38.0	8.94	37.2	8.71	36.5	8.25
	5.0	4.1	39.9	10.43	39.1	9.87	38.4	9.31	38.0	9.08	37.2	8.85	36.5	8.38
	2.5	1.7	39.9	10.64	39.1	10.07	38.4	9.50	38.0	9.27	37.2	9.03	36.5	8.55
	0.0	-0.7	37.7	10.16	37.0	9.61	36.3	9.07	35.9	8.84	35.2	8.61	34.5	8.16
	-3.0	-3.7	35.0	9.52	34.3	9.01	33.7	8.51	33.3	8.29	32.7	8.07	32.0	7.64
	-5.0	-5.6	33.3	9.19	32.6	8.70	32.0	8.21	31.7	8.00	31.1	7.79	30.4	7.38
	-7.0	-7.6	31.5	8.85	30.9	8.38	30.3	7.90	30.0	7.70	29.4	7.50	28.8	7.10
	-10.0	-10.5	28.8	8.34	28.3	7.89	27.7	7.45	27.4	7.26	26.9	7.07	26.3	6.68
	-14.5	-15.0	24.7	7.50	24.3	7.10	23.8	6.70	23.5	6.53	23.1	6.36	22.6	6.01
	-19.5	-20.0	20.3	6.60	20.0	6.25	19.6	5.90	19.4	5.75	19.0	5.60	18.6	5.29
	-22.8	-23.0	17.0	5.78	16.7	5.47	16.3	5.16	16.2	5.03	15.9	4.89	15.5	4.62
	-24.8	-25.0	14.7	5.19	14.5	4.92	14.2	4.64	14.0	4.52	13.8	4.40	13.5	4.15
	-27.4	-28.0	11.4	4.24	11.2	4.02	11.0	3.79	10.9	3.69	10.6	3.59	10.4	3.39
	-29.9	-30.0	9.2	3.55	9.0	3.37	8.8	3.18	8.7	3.09	8.5	3.01	8.4	2.84
70	15.0	13.7	34.9	8.42	34.2	7.96	33.6	7.51	33.2	7.33	32.6	7.14	31.9	6.77
	13.0	11.8	34.9	8.52	34.2	8.07	33.6	7.61	33.2	7.42	32.6	7.23	31.9	6.85
	11.0	9.8	34.9	8.64	34.2	8.18	33.6	7.72	33.2	7.52	32.6	7.33	31.9	6.95
	9.0	7.9	34.9	8.77	34.2	8.30	33.6	7.83	33.2	7.63	32.6	7.44	31.9	7.05
	8.3	6.1	34.9	8.89	34.2	8.41	33.6	7.93	33.2	7.74	32.6	7.54	31.9	7.14
	5.0	4.1	34.9	9.03	34.2	8.55	33.6	8.06	33.2	7.86	32.6	7.66	31.9	7.26
	2.5	1.7	34.9	9.22	34.2	8.72	33.6	8.23	33.2	8.02	32.6	7.82	31.9	7.40
	0.0	-0.7	33.0	8.79	32.4	8.32	31.8	7.85	31.4	7.66	30.8	7.46	30.2	7.06
	-3.0	-3.7	30.6	8.24	30.0	7.80	29.5	7.36	29.2	7.18	28.6	6.99	28.0	6.62
	-5.0	-5.6	29.1	7.96	28.6	7.53	28.0	7.11	27.7	6.93	27.2	6.75	26.6	6.39
	-7.0	-7.6	27.5	7.66	27.0	7.25	26.5	6.84	26.2	6.67	25.7	6.50	25.2	6.15
	-10.0	-10.5	25.2	7.22	24.7	6.83	24.3	6.45	24.0	6.28	23.5	6.12	23.1	5.79
	-14.5	-15.0	21.6	6.49	21.2	6.15	20.8	5.80	20.6	5.65	20.2	5.50	19.8	5.20
	-19.5	-20.0	17.8	5.72	17.5	5.41	17.1	5.11	17.0	4.98	16.6	4.84	16.3	4.58
	-22.8	-23.0	14.9	5.00	14.6	4.74	14.3	4.47	14.2	4.35	13.9	4.24	13.6	4.00
	-24.8	-25.0	12.9	4.49	12.7	4.26	12.4	4.02	12.3	3.91	12.0	3.81	11.8	3.59
	-27.4	-28.0	10.0	3.67	9.8	3.48	9.6	3.28	9.5	3.20	9.3	3.11	9.1	2.94
	-29.9	-30.0	8.0	3.08	7.9	2.91	7.7	2.75	7.6	2.68	7.5	2.61	7.3	2.46

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-MUP1681FT6P-UL/MMY-MUP1681FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	58.2	15.48	57.1	14.65	55.9	13.82	55.4	13.48	54.3	13.14	53.2	12.45
	13.0	11.8	58.2	15.68	57.1	14.84	55.9	14.00	55.4	13.65	54.3	13.30	53.2	12.61
	11.0	9.8	58.2	15.90	57.1	15.05	55.9	14.20	55.4	13.84	54.3	13.49	53.2	12.79
	9.0	7.9	58.2	16.13	57.1	15.26	55.9	14.40	55.4	14.04	54.3	13.68	53.2	12.96
	8.3	6.1	58.2	16.35	57.1	15.47	55.9	14.60	55.4	14.23	54.3	13.87	53.2	13.14
	5.0	4.1	56.1	15.67	55.0	14.83	53.9	13.99	53.4	13.64	52.3	13.29	51.3	12.59
	2.5	1.7	53.5	14.87	52.5	14.07	51.5	13.27	51.0	12.94	50.0	12.61	49.0	11.94
	0.0	-0.7	51.0	14.48	50.1	13.71	49.1	12.93	48.6	12.61	47.6	12.28	46.7	11.63
	-3.0	-3.7	47.9	14.00	47.0	13.25	46.1	12.50	45.6	12.19	44.7	11.87	43.8	11.24
	-5.0	-5.6	45.9	13.69	45.0	12.96	44.2	12.23	43.7	11.92	42.8	11.61	42.0	10.99
	-7.0	-7.6	43.8	13.37	43.0	12.65	42.1	11.94	41.7	11.64	40.9	11.33	40.1	10.72
	-10.0	-10.5	40.8	12.89	40.0	12.20	39.2	11.51	38.8	11.22	38.1	10.92	37.3	10.34
	-14.5	-15.0	36.1	12.13	35.4	11.48	34.7	10.84	34.3	10.56	33.7	10.28	33.0	9.72
	-19.5	-20.0	29.7	10.75	29.1	10.18	28.5	9.61	28.3	9.36	27.7	9.11	27.1	8.61
	-22.8	-23.0	25.2	9.58	24.8	9.07	24.3	8.56	24.0	8.34	23.6	8.11	23.1	7.66
	-24.8	-25.0	22.3	8.75	21.9	8.28	21.4	7.82	21.2	7.61	20.8	7.41	20.4	7.00
	-27.4	-28.0	17.9	7.41	17.5	7.02	17.2	6.63	17.0	6.45	16.7	6.27	16.3	5.92
	-29.9	-30.0	14.9	6.44	14.6	6.10	14.4	5.76	14.2	5.61	13.9	5.45	13.6	5.15
110	15.0	13.7	59.3	15.56	58.2	14.72	57.1	13.88	56.5	13.54	55.4	13.20	54.2	12.51
	13.0	11.8	59.3	15.76	58.2	14.91	57.1	14.06	56.5	13.72	55.4	13.37	54.2	12.67
	11.0	9.8	59.3	15.98	58.2	15.12	57.1	14.26	56.5	13.91	55.4	13.55	54.2	12.85
	9.0	7.9	59.3	16.20	58.2	15.33	57.1	14.46	56.5	14.10	55.4	13.74	54.2	13.02
	8.3	6.1	59.3	16.43	58.2	15.55	57.1	14.67	56.5	14.30	55.4	13.93	54.2	13.20
	5.0	4.1	57.2	15.75	56.1	14.90	55.0	14.06	54.5	13.71	53.4	13.36	52.3	12.65
	2.5	1.7	54.6	14.94	53.6	14.14	52.5	13.34	52.0	13.00	51.0	12.67	49.9	12.00
	0.0	-0.7	52.1	14.55	51.1	13.77	50.1	12.99	49.6	12.66	48.6	12.34	47.6	11.68
	-3.0	-3.7	48.8	14.07	47.9	13.31	47.0	12.56	46.5	12.24	45.6	11.93	44.7	11.29
	-5.0	-5.6	46.8	13.76	45.9	13.02	45.0	12.29	44.6	11.98	43.7	11.66	42.8	11.04
	-7.0	-7.6	44.7	13.43	43.8	12.71	43.0	12.00	42.6	11.69	41.7	11.39	40.9	10.77
	-10.0	-10.5	41.6	12.95	40.8	12.26	40.0	11.57	39.6	11.27	38.8	10.98	38.0	10.38
	-14.5	-15.0	36.8	12.18	36.1	11.53	35.4	10.89	35.0	10.60	34.3	10.32	33.6	9.76
	-19.5	-20.0	30.3	10.80	29.7	10.22	29.1	9.65	28.8	9.40	28.2	9.15	27.7	8.65
	-22.8	-23.0	25.7	9.62	25.3	9.11	24.8	8.60	24.5	8.38	24.0	8.15	23.5	7.70
	-24.8	-25.0	22.7	8.79	22.3	8.32	21.9	7.86	21.7	7.65	21.2	7.44	20.8	7.03
	-27.4	-28.0	18.2	7.44	17.9	7.05	17.5	6.66	17.4	6.48	17.0	6.30	16.7	5.95
	-29.9	-30.0	15.2	6.47	14.9	6.13	14.6	5.79	14.5	5.63	14.2	5.48	13.9	5.17
120	15.0	13.7	61.1	15.78	59.9	14.93	58.7	14.08	58.2	13.73	57.0	13.38	55.8	12.69
	13.0	11.8	61.1	15.98	59.9	15.12	58.7	14.26	58.2	13.91	57.0	13.56	55.8	12.85
	11.0	9.8	61.1	16.20	59.9	15.33	58.7	14.47	58.2	14.11	57.0	13.75	55.8	13.03
	9.0	7.9	61.1	16.43	59.9	15.55	58.7	14.67	58.2	14.30	57.0	13.94	55.8	13.21
	8.3	6.1	61.1	16.66	59.9	15.77	58.7	14.87	58.2	14.50	57.0	14.13	55.8	13.39
	5.0	4.1	58.9	15.97	57.7	15.11	56.6	14.26	56.1	13.90	54.9	13.54	53.8	12.83
	2.5	1.7	56.2	15.15	55.2	14.34	54.1	13.53	53.5	13.19	52.5	12.85	51.4	12.17
	0.0	-0.7	53.6	14.75	52.6	13.96	51.5	13.18	51.0	12.84	50.0	12.51	49.0	11.85
	-3.0	-3.7	50.3	14.26	49.3	13.50	48.4	12.74	47.9	12.42	46.9	12.10	46.0	11.45
	-5.0	-5.6	48.2	13.95	47.3	13.21	46.4	12.46	45.9	12.15	45.0	11.83	44.1	11.20
	-7.0	-7.6	46.0	13.62	45.1	12.89	44.2	12.17	43.8	11.86	42.9	11.55	42.1	10.93
	-10.0	-10.5	42.8	13.13	42.0	12.43	41.2	11.73	40.8	11.43	40.0	11.13	39.1	10.53
	-14.5	-15.0	37.9	12.35	37.1	11.70	36.4	11.04	36.1	10.75	35.3	10.47	34.6	9.90
	-19.5	-20.0	31.1	10.95	30.6	10.37	30.0	9.79	29.7	9.53	29.1	9.28	28.5	8.77
	-22.8	-23.0	26.5	9.76	26.0	9.24	25.5	8.72	25.2	8.49	24.7	8.27	24.2	7.81
	-24.8	-25.0	23.4	8.91	23.0	8.44	22.5	7.97	22.3	7.76	21.8	7.55	21.4	7.13
	-27.4	-28.0	18.8	7.55	18.4	7.15	18.0	6.75	17.9	6.57	17.5	6.39	17.2	6.03
	-29.9	-30.0	15.7	6.56	15.4	6.21	15.1	5.87	14.9	5.71	14.6	5.56	14.3	5.24
130	15.0	13.7	62.5	15.92	61.3	15.06	60.1	14.21	59.5	13.85	58.4	13.50	57.2	12.80
	13.0	11.8	62.5	16.12	61.3	15.25	60.1	14.39	59.5	14.03	58.4	13.68	57.2	12.96
	11.0	9.8	62.5	16.35	61.3	15.47	60.1	14.59	59.5	14.23	58.4	13.87	57.2	13.14
	9.0	7.9	62.5	16.58	61.3	15.69	60.1	14.80	59.5	14.43	58.4	14.06	57.2	13.33
	8.3	6.1	62.5	16.81	61.3	15.91	60.1	15.01	59.5	14.63	58.4	14.26	57.2	13.51
	5.0	4.1	60.3	16.11	59.1	15.25	58.0	14.38	57.4	14.02	56.2	13.66	55.1	12.94
	2.5	1.7	57.6	15.28	56.5	14.46	55.4	13.65	54.8	13.30	53.7	12.96	52.6	12.27
	0.0	-0.7	54.9	14.88	53.8	14.09	52.8	13.29	52.2	12.96	51.2	12.62	50.2	11.95
	-3.0	-3.7	51.5	14.39	50.5	13.62	49.5	12.85	49.0	12.53	48.1	12.20	47.1	11.55
	-5.0	-5.6	49.3	14.08	48.4	13.32	47.5	12.57	47.0	12.25	46.1	11.93	45.1	11.30
	-7.0	-7.6	47.1	13.74	46.2	13.01	45.3	12.27	44.9	11.96	44.0	11.65	43.1	11.02
	-10.0	-10.5	43.8	13.25	43.0	12.54	42.2	11.83	41.7	11.53	40.9	11.23	40.1	10.62
	-14.5	-15.0	38.8	12.46	38.0	11.80	37.3	11.14	36.9	10.85	36.2	10.56	35.4	9.99
	-19.5	-20.0	31.9	11.05	31.3	10.46	30.7	9.87	30.4	9.62	29.8	9.36	29.2	8.85
	-22.8	-23.0	27.1	9.84	26.6	9.32	26.1	8.80	25.8	8.57	25.3	8.34	24.8	7.88
	-24.8	-25.0	24.0	8.99	23.5	8.51	23.0	8.04	22.8	7.83	22.4	7.62	21.9	7.19
	-27.4	-28.0	19.2	7.61	18.8	7.21	18.5	6.81	18.3	6.63	17.9	6.45	17.6	6.09
	-29.9	-30.0	16.0	6.62	15.7	6.27	15.4	5.92	15.3	5.76	15.0	5.60	14.7	5.29

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	52.3	13.79	51.3	13.05	50.4	12.30	49.9	12.00	48.9	11.70	47.9	11.09
	13.0	11.8	52.3	13.96	51.3	13.21	50.4	12.46	49.9	12.15	48.9	11.85	47.9	11.23
	11.0	9.8	52.3	14.16	51.3	13.40	50.4	12.64	49.9	12.33	48.9	12.01	47.9	11.38
	9.0	7.9	52.3	14.36	51.3	13.59	50.4	12.82	49.9	12.50	48.9	12.18	47.9	11.54
	8.3	6.1	52.3	14.56	51.3	13.78	50.4	13.00	49.9	12.67	48.9	12.35	47.9	11.70
	5.0	4.1	50.5	13.95	49.5	13.21	48.5	12.46	48.0	12.15	47.1	11.84	46.1	11.21
	2.5	1.7	48.2	13.24	47.3	12.53	46.4	11.82	45.9	11.52	45.0	11.23	44.1	10.63
	0.0	-0.7	45.9	12.89	45.1	12.20	44.2	11.51	43.7	11.22	42.9	10.93	42.0	10.35
	-3.0	-3.7	43.1	12.47	42.3	11.80	41.5	11.13	41.0	10.85	40.2	10.57	39.4	10.01
	-5.0	-5.6	41.3	12.19	40.5	11.54	39.7	10.89	39.3	10.61	38.6	10.34	37.8	9.78
	-7.0	-7.6	39.4	11.90	38.7	11.27	37.9	10.63	37.5	10.36	36.8	10.09	36.0	9.55
	-10.0	-10.5	36.7	11.47	36.0	10.86	35.3	10.25	34.9	9.99	34.2	9.73	33.5	9.20
	-14.5	-15.0	32.5	10.80	31.8	10.22	31.2	9.65	30.9	9.40	30.3	9.15	29.7	8.65
	-19.5	-20.0	26.7	9.57	26.2	9.06	25.7	8.55	25.4	8.33	24.9	8.11	24.4	7.66
	-22.8	-23.0	22.7	8.53	22.3	8.07	21.9	7.62	21.6	7.42	21.2	7.22	20.8	6.82
	-24.8	-25.0	20.1	7.79	19.7	7.38	19.3	6.96	19.1	6.78	18.7	6.60	18.3	6.23
	-27.4	-28.0	16.1	6.60	15.8	6.25	15.5	5.90	15.3	5.74	15.0	5.59	14.7	5.27
	-29.9	-30.0	13.4	5.73	13.2	5.43	12.9	5.13	12.8	4.99	12.5	4.85	12.3	4.58
80	15.0	13.7	46.5	12.12	45.6	11.47	44.8	10.82	44.3	10.55	43.4	10.29	42.5	9.75
	13.0	11.8	46.5	12.28	45.6	11.62	44.8	10.96	44.3	10.69	43.4	10.42	42.5	9.87
	11.0	9.8	46.5	12.45	45.6	11.79	44.8	11.12	44.3	10.84	43.4	10.56	42.5	10.01
	9.0	7.9	46.5	12.63	45.6	11.95	44.8	11.27	44.3	10.99	43.4	10.71	42.5	10.15
	8.3	6.1	46.5	12.80	45.6	12.12	44.8	11.43	44.3	11.15	43.4	10.86	42.5	10.29
	5.0	4.1	44.8	12.27	44.0	11.61	43.1	10.96	42.7	10.68	41.9	10.41	41.0	9.86
	2.5	1.7	42.8	11.64	42.0	11.02	41.2	10.39	40.8	10.13	40.0	9.87	39.2	9.35
	0.0	-0.7	40.8	11.34	40.0	10.73	39.3	10.13	38.9	9.87	38.1	9.62	37.3	9.11
	-3.0	-3.7	38.3	10.96	37.6	10.38	36.9	9.79	36.5	9.54	35.8	9.30	35.0	8.80
	-5.0	-5.6	36.7	10.72	36.0	10.15	35.3	9.58	35.0	9.33	34.3	9.09	33.6	8.60
	-7.0	-7.6	35.0	10.47	34.4	9.91	33.7	9.35	33.4	9.11	32.7	8.87	32.0	8.40
	-10.0	-10.5	32.6	10.09	32.0	9.55	31.4	9.02	31.1	8.78	30.4	8.55	29.8	8.09
	-14.5	-15.0	28.8	9.49	28.3	8.99	27.7	8.48	27.5	8.27	26.9	8.05	26.4	7.61
	-19.5	-20.0	23.7	8.41	23.3	7.97	22.8	7.52	22.6	7.33	22.1	7.13	21.7	6.74
	-22.8	-23.0	20.2	7.50	19.8	7.10	19.4	6.70	19.2	6.53	18.8	6.35	18.5	6.00
	-24.8	-25.0	17.8	6.85	17.5	6.49	17.2	6.12	17.0	5.96	16.6	5.80	16.3	5.48
	-27.4	-28.0	14.3	5.80	14.0	5.49	13.7	5.19	13.6	5.05	13.3	4.91	13.1	4.64
	-29.9	-30.0	11.9	5.04	11.7	4.78	11.5	4.51	11.4	4.39	11.1	4.27	10.9	4.03
70	15.0	13.7	40.7	10.50	39.9	9.93	39.2	9.37	38.8	9.14	38.0	8.91	37.2	8.44
	13.0	11.8	40.7	10.63	39.9	10.06	39.2	9.49	38.8	9.26	38.0	9.02	37.2	8.55
	11.0	9.8	40.7	10.78	39.9	10.20	39.2	9.63	38.8	9.39	38.0	9.15	37.2	8.67
	9.0	7.9	40.7	10.93	39.9	10.35	39.2	9.76	38.8	9.52	38.0	9.27	37.2	8.79
	8.3	6.1	40.7	11.09	39.9	10.49	39.2	9.90	38.8	9.65	38.0	9.40	37.2	8.91
	5.0	4.1	39.2	10.63	38.5	10.06	37.7	9.49	37.4	9.25	36.6	9.01	35.9	8.54
	2.5	1.7	37.5	10.08	36.8	9.54	36.1	9.00	35.7	8.77	35.0	8.55	34.3	8.10
	0.0	-0.7	35.7	9.82	35.0	9.29	34.4	8.77	34.0	8.55	33.3	8.33	32.7	7.88
	-3.0	-3.7	33.5	9.49	32.9	8.98	32.2	8.48	31.9	8.26	31.3	8.05	30.7	7.62
	-5.0	-5.6	32.1	9.28	31.5	8.79	30.9	8.29	30.6	8.08	30.0	7.87	29.4	7.45
	-7.0	-7.6	30.7	9.06	30.1	8.58	29.5	8.10	29.2	7.89	28.6	7.68	28.0	7.27
	-10.0	-10.5	28.5	8.74	28.0	8.27	27.5	7.81	27.2	7.61	26.6	7.41	26.1	7.01
	-14.5	-15.0	25.2	8.22	24.8	7.78	24.3	7.35	24.0	7.16	23.6	6.97	23.1	6.59
	-19.5	-20.0	20.8	7.29	20.4	6.90	20.0	6.51	19.8	6.34	19.4	6.17	19.0	5.83
	-22.8	-23.0	17.7	6.49	17.3	6.15	17.0	5.80	16.8	5.65	16.5	5.50	16.2	5.20
	-24.8	-25.0	15.6	5.93	15.3	5.62	15.0	5.30	14.9	5.16	14.6	5.02	14.3	4.74
	-27.4	-28.0	12.5	5.02	12.3	4.76	12.0	4.49	11.9	4.37	11.7	4.25	11.4	4.02
	-29.9	-30.0	10.4	4.37	10.2	4.13	10.0	3.90	9.9	3.80	9.7	3.70	9.5	3.49

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-MUP1921FT6P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	66.5	18.76	65.2	17.75	63.9	16.74	63.3	16.33	62.0	15.91	60.8	15.09
	13.0	11.8	66.5	19.00	65.2	17.98	63.9	16.96	63.3	16.54	62.0	16.12	60.8	15.28
	11.0	9.8	66.5	19.27	65.2	18.23	63.9	17.20	63.3	16.77	62.0	16.34	60.8	15.49
	9.0	7.9	66.5	19.54	65.2	18.49	63.9	17.44	63.3	17.01	62.0	16.57	60.8	15.70
	8.3	6.1	66.5	19.81	65.2	18.75	63.9	17.69	63.3	17.24	62.0	16.80	60.8	15.92
	5.0	4.1	66.5	20.13	65.2	19.05	63.9	17.97	63.3	17.52	62.0	17.07	60.8	16.17
	2.5	1.7	66.5	20.54	65.2	19.44	63.9	18.34	63.3	17.88	62.0	17.42	60.8	16.50
	0.0	-0.7	63.0	19.49	61.8	18.44	60.6	17.40	60.0	16.96	58.8	16.52	57.6	15.65
	-3.0	-3.7	58.6	18.67	57.4	17.16	56.3	16.19	55.8	15.78	54.6	15.37	53.5	14.55
	-5.0	-5.6	55.7	17.59	54.7	16.65	53.6	15.71	53.1	15.31	52.0	14.91	51.0	14.12
	-7.0	-7.6	52.8	17.06	51.8	16.15	50.8	15.24	50.3	14.85	49.3	14.46	48.3	13.68
	-10.0	-10.5	48.5	16.27	47.6	15.40	46.7	14.54	46.2	14.16	45.3	13.79	44.4	13.05
	-14.5	-15.0	41.9	15.00	41.1	14.21	40.3	13.41	39.9	13.06	39.1	12.72	38.3	12.02
	-19.5	-20.0	32.6	12.50	32.0	11.84	31.3	11.18	31.0	10.89	30.4	10.59	29.8	10.01
	-22.8	-23.0	25.4	10.22	24.9	9.67	24.5	9.13	24.2	8.89	23.7	8.65	23.2	8.18
	-24.8	-25.0	20.7	8.58	20.3	8.13	19.9	7.67	19.7	7.47	19.3	7.27	18.9	6.87
	-27.4	-28.0	13.5	5.93	13.3	5.62	13.0	5.30	12.9	5.16	12.6	5.02	12.4	4.74
	-29.9	-30.0	8.7	4.00	8.6	3.79	8.4	3.58	8.3	3.48	8.2	3.39	8.0	3.20
110	15.0	13.7	67.8	18.84	66.5	17.83	65.2	16.82	64.6	16.40	63.3	15.99	62.0	15.16
	13.0	11.8	67.8	19.09	66.5	18.06	65.2	17.04	64.6	16.62	63.3	16.19	62.0	15.35
	11.0	9.8	67.8	19.36	66.5	18.32	65.2	17.28	64.6	16.85	63.3	16.42	62.0	15.56
	9.0	7.9	67.8	19.63	66.5	18.58	65.2	17.52	64.6	17.09	63.3	16.65	62.0	15.78
	8.3	6.1	67.8	19.90	66.5	18.83	65.2	17.77	64.6	17.32	63.3	16.88	62.0	15.99
	5.0	4.1	67.8	20.22	66.5	19.14	65.2	18.06	64.6	17.60	63.3	17.15	62.0	16.25
	2.5	1.7	67.8	20.64	66.5	19.53	65.2	18.43	64.6	17.96	63.3	17.50	62.0	16.58
	0.0	-0.7	64.2	19.58	63.0	18.53	61.8	17.48	61.2	17.04	60.0	16.60	58.7	15.72
	-3.0	-3.7	59.7	18.76	58.6	17.24	57.4	16.26	56.9	15.85	55.7	15.44	54.6	14.62
	-5.0	-5.6	56.9	17.67	55.8	16.73	54.7	15.78	54.2	15.38	53.1	14.98	52.0	14.18
	-7.0	-7.6	53.9	17.14	52.8	16.22	51.8	15.31	51.3	14.92	50.3	14.53	49.2	13.75
	-10.0	-10.5	49.5	16.35	48.5	15.47	47.6	14.60	47.1	14.23	46.2	13.86	45.2	13.11
	-14.5	-15.0	42.7	15.07	41.9	14.27	41.1	13.47	40.7	13.12	39.9	12.78	39.1	12.08
	-19.5	-20.0	33.2	12.56	32.6	11.90	32.0	11.23	31.6	10.94	31.0	10.64	30.4	10.06
	-22.8	-23.0	25.9	10.26	25.4	9.72	24.9	9.18	24.7	8.94	24.2	8.69	23.7	8.21
	-24.8	-25.0	21.1	8.62	20.7	8.17	20.3	7.71	20.1	7.51	19.7	7.30	19.3	6.90
	-27.4	-28.0	13.8	5.96	13.5	5.64	13.3	5.33	13.1	5.19	12.9	5.05	12.6	4.76
	-29.9	-30.0	8.9	4.02	8.8	3.81	8.6	3.59	8.5	3.50	8.3	3.40	8.2	3.21
120	15.0	13.7	69.8	19.11	68.5	18.08	67.1	17.06	66.5	16.64	65.1	16.21	63.8	15.37
	13.0	11.8	69.8	19.36	68.5	18.32	67.1	17.28	66.5	16.85	65.1	16.42	63.8	15.57
	11.0	9.8	69.8	19.63	68.5	18.58	67.1	17.52	66.5	17.09	65.1	16.65	63.8	15.78
	9.0	7.9	69.8	19.91	68.5	18.84	67.1	17.77	66.5	17.33	65.1	16.89	63.8	16.00
	8.3	6.1	69.8	20.18	68.5	19.10	67.1	18.02	66.5	17.57	65.1	17.12	63.8	16.22
	5.0	4.1	69.8	20.51	68.5	19.41	67.1	18.31	66.5	17.85	65.1	17.39	63.8	16.48
	2.5	1.7	69.8	20.93	68.5	19.81	67.1	18.69	66.5	18.22	65.1	17.75	63.8	16.81
	0.0	-0.7	66.1	19.85	64.9	18.79	63.6	17.73	63.0	17.28	61.7	16.84	60.5	15.94
	-3.0	-3.7	61.5	19.03	60.3	17.48	59.1	16.49	58.6	16.08	57.4	15.66	56.2	14.82
	-5.0	-5.6	58.5	17.92	57.4	16.96	56.3	16.01	55.7	15.60	54.6	15.19	53.5	14.38
	-7.0	-7.6	55.4	17.38	54.4	16.45	53.3	15.52	52.8	15.13	51.7	14.73	50.7	13.94
	-10.0	-10.5	50.9	16.58	50.0	15.69	49.0	14.81	48.5	14.43	47.5	14.05	46.6	13.29
	-14.5	-15.0	44.0	15.29	43.1	14.47	42.3	13.66	41.9	13.31	41.0	12.96	40.2	12.25
	-19.5	-20.0	34.2	12.74	33.5	12.06	32.9	11.39	32.6	11.09	31.9	10.79	31.3	10.20
	-22.8	-23.0	26.7	10.41	26.2	9.86	25.7	9.31	25.4	9.06	24.9	8.82	24.4	8.33
	-24.8	-25.0	21.7	8.74	21.3	8.28	20.9	7.82	20.7	7.61	20.2	7.41	19.8	7.00
	-27.4	-28.0	14.2	6.04	13.9	5.72	13.6	5.40	13.5	5.26	13.2	5.12	13.0	4.83
	-29.9	-30.0	9.2	4.07	9.0	3.86	8.8	3.64	8.7	3.55	8.6	3.45	8.4	3.26
130	15.0	13.7	71.5	19.28	70.1	18.24	68.7	17.21	68.1	16.78	66.7	16.36	65.3	15.51
	13.0	11.8	71.5	19.53	70.1	18.48	68.7	17.43	68.1	17.00	66.7	16.57	65.3	15.70
	11.0	9.8	71.5	19.80	70.1	18.74	68.7	17.68	68.1	17.24	66.7	16.80	65.3	15.92
	9.0	7.9	71.5	20.08	70.1	19.01	68.7	17.93	68.1	17.48	66.7	17.04	65.3	16.14
	8.3	6.1	71.5	20.36	70.1	19.27	68.7	18.18	68.1	17.72	66.7	17.27	65.3	16.36
	5.0	4.1	71.5	20.69	70.1	19.58	68.7	18.47	68.1	18.01	66.7	17.55	65.3	16.62
	2.5	1.7	71.5	21.11	70.1	19.98	68.7	18.85	68.1	18.38	66.7	17.91	65.3	16.96
	0.0	-0.7	67.7	20.03	66.4	18.96	65.1	17.89	64.5	17.44	63.2	16.99	61.9	16.08
	-3.0	-3.7	62.9	19.20	61.7	17.63	60.5	16.64	59.9	16.22	58.7	15.80	57.5	14.95
	-5.0	-5.6	59.9	18.08	58.8	17.11	57.6	16.15	57.1	15.74	55.9	15.33	54.8	14.51
	-7.0	-7.6	56.8	17.53	55.7	16.60	54.6	15.66	54.1	15.26	53.0	14.86	51.9	14.07
	-10.0	-10.5	52.2	16.72	51.2	15.83	50.2	14.94	49.7	14.56	48.7	14.18	47.7	13.41
	-14.5	-15.0	45.0	15.42	44.2	14.60	43.3	13.78	42.9	13.43	42.0	13.07	41.2	12.36
	-19.5	-20.0	35.0	12.85	34.3	12.17	33.7	11.49	33.3	11.19	32.7	10.89	32.0	10.29
	-22.8	-23.0	27.3	10.50	26.8	9.94	26.3	9.39	26.0	9.14	25.5	8.90	25.0	8.40
	-24.8	-25.0	22.2	8.82	21.8	8.35	21.4	7.89	21.2	7.68	20.7	7.47	20.3	7.06
	-27.4	-28.0	14.5	6.10	14.2	5.77	14.0	5.45	13.8	5.31	13.6	5.16	13.3	4.87
	-29.9	-30.0	9.4	4.11	9.2	3.89	9.0	3.68	9.0	3.58	8.8	3.48	8.6	3.29

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	59.8	16.70	58.7	15.80	57.5	14.91	57.0	14.54	55.8	14.17	54.7	13.43
	13.0	11.8	59.8	16.91	58.7	16.01	57.5	15.10	57.0	14.72	55.8	14.35	54.7	13.60
	11.0	9.8	59.8	17.15	58.7	16.23	57.5	15.31	57.0	14.93	55.8	14.55	54.7	13.79
	9.0	7.9	59.8	17.39	58.7	16.46	57.5	15.53	57.0	15.14	55.8	14.76	54.7	13.98
	8.3	6.1	59.8	17.64	58.7	16.69	57.5	15.75	57.0	15.35	55.8	14.96	54.7	14.17
	5.0	4.1	59.8	17.92	58.7	16.96	57.5	16.00	57.0	15.60	55.8	15.20	54.7	14.40
	2.5	1.7	59.8	18.29	58.7	17.31	57.5	16.33	57.0	15.92	55.8	15.51	54.7	14.69
	0.0	-0.7	56.7	17.35	55.6	16.42	54.5	15.49	54.0	15.10	52.9	14.71	51.8	13.93
	-3.0	-3.7	52.7	16.63	51.7	15.27	50.7	14.41	50.2	14.05	49.2	13.68	48.2	12.95
	-5.0	-5.6	50.2	15.66	49.2	14.82	48.3	13.99	47.8	13.63	46.8	13.28	45.9	12.57
	-7.0	-7.6	47.5	15.19	46.6	14.38	45.7	13.57	45.3	13.22	44.3	12.88	43.4	12.18
	-10.0	-10.5	43.7	14.49	42.8	13.71	42.0	12.94	41.6	12.61	40.8	12.28	39.9	11.62
	-14.5	-15.0	37.7	13.36	37.0	12.65	36.3	11.94	35.9	11.63	35.2	11.32	34.5	10.71
	-19.5	-20.0	29.3	11.13	28.8	10.54	28.2	9.95	27.9	9.69	27.4	9.43	26.8	8.91
	-22.8	-23.0	22.9	9.10	22.4	8.61	22.0	8.13	21.8	7.92	21.4	7.71	20.9	7.28
	-24.8	-25.0	18.6	7.64	18.2	7.24	17.9	6.83	17.7	6.65	17.4	6.47	17.0	6.11
	-27.4	-28.0	12.2	5.28	11.9	5.00	11.7	4.72	11.6	4.60	11.4	4.47	11.1	4.22
	-29.9	-30.0	7.9	3.56	7.7	3.37	7.6	3.18	7.5	3.10	7.3	3.02	7.2	2.85
80	15.0	13.7	53.2	14.69	52.2	13.90	51.2	13.11	50.6	12.79	49.6	12.46	48.6	11.81
	13.0	11.8	53.2	14.88	52.2	14.08	51.2	13.28	50.6	12.95	49.6	12.62	48.6	11.96
	11.0	9.8	53.2	15.09	52.2	14.28	51.2	13.47	50.6	13.13	49.6	12.80	48.6	12.13
	9.0	7.9	53.2	15.30	52.2	14.48	51.2	13.66	50.6	13.32	49.6	12.98	48.6	12.30
	8.3	6.1	53.2	15.51	52.2	14.68	51.2	13.85	50.6	13.50	49.6	13.16	48.6	12.47
	5.0	4.1	53.2	15.76	52.2	14.92	51.2	14.07	50.6	13.72	49.6	13.37	48.6	12.66
	2.5	1.7	53.2	16.08	52.2	15.22	51.2	14.36	50.6	14.00	49.6	13.64	48.6	12.92
	0.0	-0.7	50.4	15.26	49.4	14.44	48.5	13.63	48.0	13.28	47.0	12.94	46.1	12.25
	-3.0	-3.7	46.8	14.62	45.9	13.43	45.1	12.68	44.6	12.35	43.7	12.03	42.8	11.39
	-5.0	-5.6	44.6	13.77	43.7	13.04	42.9	12.30	42.5	11.99	41.6	11.68	40.8	11.05
	-7.0	-7.6	42.2	13.36	41.4	12.64	40.6	11.93	40.2	11.63	39.4	11.32	38.6	10.72
	-10.0	-10.5	38.8	12.74	38.1	12.06	37.3	11.38	37.0	11.09	36.2	10.80	35.5	10.22
	-14.5	-15.0	33.5	11.75	32.9	11.12	32.2	10.50	31.9	10.23	31.3	9.96	30.6	9.42
	-19.5	-20.0	26.1	9.79	25.6	9.27	25.1	8.75	24.8	8.52	24.3	8.30	23.8	7.84
	-22.8	-23.0	20.3	8.00	20.0	7.58	19.6	7.15	19.4	6.96	19.0	6.78	18.6	6.40
	-24.8	-25.0	16.5	6.72	16.2	6.36	15.9	6.01	15.7	5.85	15.4	5.69	15.1	5.38
	-27.4	-28.0	10.8	4.64	10.6	4.40	10.4	4.15	10.3	4.04	10.1	3.93	9.9	3.71
	-29.9	-30.0	7.0	3.13	6.9	2.97	6.7	2.80	6.7	2.73	6.5	2.65	6.4	2.50
70	15.0	13.7	46.5	12.72	45.6	12.03	44.8	11.35	44.3	11.07	43.4	10.79	42.5	10.23
	13.0	11.8	46.5	12.88	45.6	12.19	44.8	11.50	44.3	11.21	43.4	10.93	42.5	10.36
	11.0	9.8	46.5	13.06	45.6	12.36	44.8	11.66	44.3	11.37	43.4	11.08	42.5	10.50
	9.0	7.9	46.5	13.24	45.6	12.53	44.8	11.82	44.3	11.53	43.4	11.24	42.5	10.65
	8.3	6.1	46.5	13.43	45.6	12.71	44.8	11.99	44.3	11.69	43.4	11.39	42.5	10.79
	5.0	4.1	46.5	13.65	45.6	12.91	44.8	12.18	44.3	11.88	43.4	11.57	42.5	10.96
	2.5	1.7	46.5	13.93	45.6	13.18	44.8	12.43	44.3	12.12	43.4	11.81	42.5	11.19
	0.0	-0.7	44.1	13.21	43.2	12.50	42.4	11.80	42.0	11.50	41.1	11.20	40.3	10.61
	-3.0	-3.7	41.0	12.66	40.2	11.63	39.4	10.97	39.0	10.70	38.3	10.42	37.5	9.86
	-5.0	-5.6	39.0	11.92	38.3	11.29	37.5	10.65	37.2	10.38	36.4	10.11	35.7	9.57
	-7.0	-7.6	37.0	11.56	36.3	10.95	35.5	10.33	35.2	10.07	34.5	9.80	33.8	9.28
	-10.0	-10.5	34.0	11.03	33.3	10.44	32.7	9.85	32.3	9.60	31.7	9.35	31.1	8.85
	-14.5	-15.0	29.3	10.17	28.8	9.63	28.2	9.09	27.9	8.86	27.4	8.62	26.8	8.15
	-19.5	-20.0	22.8	8.48	22.4	8.03	21.9	7.58	21.7	7.38	21.3	7.18	20.8	6.79
	-22.8	-23.0	17.8	6.93	17.5	6.56	17.1	6.19	16.9	6.03	16.6	5.87	16.3	5.54
	-24.8	-25.0	14.5	5.82	14.2	5.51	13.9	5.20	13.8	5.07	13.5	4.93	13.2	4.65
	-27.4	-28.0	9.5	4.02	9.3	3.81	9.1	3.60	9.0	3.50	8.8	3.41	8.6	3.21
	-29.9	-30.0	6.1	2.71	6.0	2.57	5.9	2.42	5.8	2.36	5.7	2.30	5.6	2.17

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP1921FT6P-UL/MMY-UP1921FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	66.5	15.86	65.2	15.01	63.9	14.16	63.3	13.81	62.0	13.46	60.8	12.76
	13.0	11.8	66.5	16.06	65.2	15.20	63.9	14.34	63.3	13.98	62.0	13.63	60.8	12.92
	11.0	9.8	66.5	16.29	65.2	15.42	63.9	14.54	63.3	14.18	62.0	13.82	60.8	13.10
	9.0	7.9	66.5	16.52	65.2	15.63	63.9	14.75	63.3	14.38	62.0	14.01	60.8	13.28
	8.3	6.1	66.5	16.75	65.2	15.85	63.9	14.95	63.3	14.58	62.0	14.21	60.8	13.46
	5.0	4.1	66.5	17.02	65.2	16.11	63.9	15.20	63.3	14.82	62.0	14.44	60.8	13.67
	2.5	1.7	66.5	17.37	65.2	16.44	63.9	15.51	63.3	15.12	62.0	14.73	60.8	13.95
	0.0	-0.7	64.0	16.92	62.8	16.01	61.6	15.11	61.0	14.73	59.7	14.35	58.5	13.59
	-3.0	-3.7	60.9	16.34	59.7	15.47	58.6	14.59	58.0	14.22	56.8	13.86	55.7	13.12
	-5.0	-5.6	58.9	16.09	57.8	15.23	56.7	14.37	56.1	14.01	55.0	13.65	53.9	12.92
	-7.0	-7.6	56.9	15.85	55.8	15.00	54.7	14.16	54.2	13.80	53.1	13.44	52.0	12.72
	-10.0	-10.5	53.9	15.50	52.8	14.67	51.8	13.85	51.3	13.49	50.3	13.14	49.2	12.43
	-14.5	-15.0	49.2	14.96	48.3	14.17	47.3	13.37	46.8	13.03	45.9	12.68	45.0	11.99
	-19.5	-20.0	43.9	14.35	43.0	13.59	42.2	12.83	41.8	12.49	40.9	12.16	40.1	11.49
	-22.8	-23.0	37.1	12.66	36.4	11.99	35.7	11.32	35.3	11.02	34.6	10.73	33.9	10.13
	-24.8	-25.0	32.6	11.46	32.0	10.86	31.3	10.25	31.0	9.98	30.4	9.71	29.8	9.17
	-27.4	-28.0	25.8	9.53	25.3	9.03	24.8	8.52	24.6	8.30	24.1	8.07	23.6	7.62
	-29.9	-30.0	21.3	8.13	20.9	7.70	20.5	7.27	20.3	7.08	19.9	6.88	19.4	6.50
110	15.0	13.7	67.8	15.93	66.5	15.08	65.2	14.22	64.6	13.87	63.3	13.52	62.0	12.82
	13.0	11.8	67.8	16.14	66.5	15.27	65.2	14.41	64.6	14.05	63.3	13.69	62.0	12.98
	11.0	9.8	67.8	16.37	66.5	15.49	65.2	14.61	64.6	14.25	63.3	13.88	62.0	13.16
	9.0	7.9	67.8	16.60	66.5	15.71	65.2	14.82	64.6	14.45	63.3	14.08	62.0	13.34
	8.3	6.1	67.8	16.83	66.5	15.92	65.2	15.02	64.6	14.65	63.3	14.27	62.0	13.52
	5.0	4.1	67.8	17.10	66.5	16.18	65.2	15.27	64.6	14.88	63.3	14.50	62.0	13.74
	2.5	1.7	67.8	17.45	66.5	16.52	65.2	15.58	64.6	15.19	63.3	14.80	62.0	14.02
	0.0	-0.7	65.3	17.00	64.1	16.09	62.8	15.18	62.2	14.80	60.9	14.41	59.7	13.65
	-3.0	-3.7	62.1	16.42	60.9	15.54	59.8	14.66	59.2	14.29	58.0	13.92	56.8	13.18
	-5.0	-5.6	60.1	16.17	59.0	15.30	57.8	14.44	57.3	14.08	56.1	13.71	55.0	12.98
	-7.0	-7.6	58.0	15.92	56.9	15.07	55.8	14.22	55.2	13.86	54.1	13.50	53.0	12.77
	-10.0	-10.5	54.9	15.57	53.9	14.74	52.8	13.91	52.3	13.55	51.3	13.20	50.2	12.49
	-14.5	-15.0	50.2	15.03	49.2	14.23	48.3	13.43	47.8	13.09	46.8	12.74	45.9	12.05
	-19.5	-20.0	44.7	14.42	43.9	13.65	43.0	12.89	42.6	12.55	41.8	12.22	40.9	11.54
	-22.8	-23.0	37.8	12.72	37.1	12.05	36.4	11.37	36.0	11.07	35.3	10.78	34.6	10.18
	-24.8	-25.0	33.2	11.52	32.6	10.91	32.0	10.30	31.6	10.03	31.0	9.76	30.4	9.21
	-27.4	-28.0	26.3	9.58	25.8	9.07	25.3	8.56	25.1	8.34	24.6	8.11	24.1	7.66
	-29.9	-30.0	21.7	8.17	21.3	7.74	20.9	7.31	20.7	7.11	20.2	6.92	19.8	6.53
120	15.0	13.7	69.8	16.16	68.5	15.29	67.1	14.42	66.5	14.07	65.1	13.71	63.8	13.00
	13.0	11.8	69.8	16.37	68.5	15.49	67.1	14.61	66.5	14.25	65.1	13.89	63.8	13.16
	11.0	9.8	69.8	16.60	68.5	15.71	67.1	14.82	66.5	14.45	65.1	14.08	63.8	13.34
	9.0	7.9	69.8	16.83	68.5	15.93	67.1	15.03	66.5	14.65	65.1	14.28	63.8	13.53
	8.3	6.1	69.8	17.06	68.5	16.15	67.1	15.24	66.5	14.86	65.1	14.48	63.8	13.71
	5.0	4.1	69.8	17.34	68.5	16.41	67.1	15.48	66.5	15.10	65.1	14.71	63.8	13.93
	2.5	1.7	69.8	17.70	68.5	16.75	67.1	15.80	66.5	15.40	65.1	15.01	63.8	14.21
	0.0	-0.7	67.2	17.24	65.9	16.32	64.7	15.39	64.0	15.01	62.7	14.62	61.5	13.84
	-3.0	-3.7	64.0	16.65	62.7	15.76	61.5	14.87	60.9	14.49	59.7	14.12	58.5	13.36
	-5.0	-5.6	61.9	16.40	60.7	15.52	59.5	14.65	58.9	14.27	57.8	13.90	56.6	13.16
	-7.0	-7.6	59.7	16.15	58.6	15.29	57.4	14.43	56.9	14.06	55.7	13.69	54.6	12.96
	-10.0	-10.5	56.5	15.79	55.5	14.95	54.4	14.11	53.9	13.75	52.8	13.39	51.7	12.66
	-14.5	-15.0	51.6	15.24	50.7	14.43	49.7	13.62	49.2	13.27	48.2	12.92	47.2	12.22
	-19.5	-20.0	46.1	14.62	45.2	13.84	44.3	13.07	43.9	12.73	43.0	12.39	42.1	11.71
	-22.8	-23.0	38.9	12.90	38.2	12.22	37.5	11.53	37.1	11.23	36.3	10.93	35.6	10.33
	-24.8	-25.0	34.2	11.68	33.5	11.06	32.9	10.44	32.6	10.17	31.9	9.89	31.3	9.34
	-27.4	-28.0	27.1	9.71	26.6	9.20	26.0	8.68	25.8	8.45	25.3	8.22	24.8	7.76
	-29.9	-30.0	22.3	8.28	21.9	7.85	21.5	7.41	21.3	7.21	20.8	7.01	20.4	6.62
130	15.0	13.7	71.5	16.30	70.1	15.43	68.7	14.55	68.1	14.19	66.7	13.83	65.3	13.11
	13.0	11.8	71.5	16.51	70.1	15.63	68.7	14.74	68.1	14.37	66.7	14.01	65.3	13.28
	11.0	9.8	71.5	16.75	70.1	15.85	68.7	14.95	68.1	14.58	66.7	14.21	65.3	13.46
	9.0	7.9	71.5	16.98	70.1	16.07	68.7	15.16	68.1	14.78	66.7	14.40	65.3	13.65
	8.3	6.1	71.5	17.22	70.1	16.29	68.7	15.37	68.1	14.99	66.7	14.60	65.3	13.84
	5.0	4.1	71.5	17.49	70.1	16.56	68.7	15.62	68.1	15.23	66.7	14.84	65.3	14.06
	2.5	1.7	71.5	17.85	70.1	16.90	68.7	15.94	68.1	15.54	66.7	15.14	65.3	14.34
	0.0	-0.7	68.8	17.39	67.5	16.46	66.2	15.53	65.5	15.14	64.2	14.75	62.9	13.96
	-3.0	-3.7	65.5	16.80	64.2	15.90	63.0	15.00	62.4	14.62	61.1	14.24	59.9	13.48
	-5.0	-5.6	63.4	16.54	62.1	15.66	60.9	14.78	60.3	14.40	59.1	14.03	57.9	13.28
	-7.0	-7.6	61.1	16.29	60.0	15.42	58.8	14.55	58.2	14.18	57.1	13.81	55.9	13.07
	-10.0	-10.5	57.9	15.93	56.8	15.08	55.7	14.23	55.1	13.87	54.0	13.50	52.9	12.78
	-14.5	-15.0	52.9	15.38	51.9	14.56	50.9	13.74	50.4	13.39	49.4	13.03	48.3	12.33
	-19.5	-20.0	47.2	14.75	46.3	13.97	45.4	13.18	44.9	12.84	44.0	12.50	43.1	11.81
	-22.8	-23.0	39.9	13.02	39.1	12.33	38.4	11.64	38.0	11.33	37.2	11.03	36.5	10.42
	-24.8	-25.0	35.0	11.78	34.3	11.16	33.7	10.54	33.3	10.26	32.7	9.98	32.0	9.43
	-27.4	-28.0	27.7	9.80	27.2	9.28	26.7	8.76	26.4	8.53	25.9	8.30	25.3	7.83
	-29.9	-30.0	22.9	8.36	22.4	7.92	22.0	7.47	21.8	7.28	21.3	7.08	20.9	6.68

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	59.8	14.12	58.7	13.36	57.5	12.60	57.0	12.29	55.8	11.98	54.7	11.36
	13.0	11.8	59.8	14.30	58.7	13.53	57.5	12.77	57.0	12.45	55.8	12.13	54.7	11.50
	11.0	9.8	59.8	14.50	58.7	13.73	57.5	12.95	57.0	12.63	55.8	12.30	54.7	11.66
	9.0	7.9	59.8	14.71	58.7	13.92	57.5	13.13	57.0	12.80	55.8	12.48	54.7	11.82
	8.3	6.1	59.8	14.91	58.7	14.11	57.5	13.31	57.0	12.98	55.8	12.65	54.7	11.98
	5.0	4.1	59.8	15.15	58.7	14.34	57.5	13.53	57.0	13.19	55.8	12.85	54.7	12.18
	2.5	1.7	59.8	15.46	58.7	14.64	57.5	13.81	57.0	13.46	55.8	13.11	54.7	12.42
	0.0	-0.7	57.6	15.06	56.5	14.26	55.4	13.45	54.9	13.11	53.8	12.77	52.7	12.10
	-3.0	-3.7	54.8	14.55	53.8	13.77	52.7	12.99	52.2	12.66	51.2	12.34	50.1	11.68
	-5.0	-5.6	53.0	14.33	52.0	13.56	51.0	12.80	50.5	12.47	49.5	12.15	48.5	11.50
	-7.0	-7.6	51.2	14.11	50.2	13.36	49.2	12.61	48.7	12.28	47.8	11.96	46.8	11.32
	-10.0	-10.5	48.5	13.80	47.5	13.06	46.6	12.33	46.2	12.01	45.2	11.70	44.3	11.07
	-14.5	-15.0	44.3	13.32	43.4	12.61	42.6	11.90	42.2	11.60	41.3	11.29	40.5	10.68
	-19.5	-20.0	39.5	12.78	38.7	12.10	38.0	11.42	37.6	11.12	36.9	10.83	36.1	10.23
	-22.8	-23.0	33.4	11.27	32.7	10.68	32.1	10.08	31.8	9.81	31.2	9.55	30.5	9.02
	-24.8	-25.0	29.3	10.21	28.8	9.67	28.2	9.13	27.9	8.89	27.4	8.65	26.8	8.17
	-27.4	-28.0	23.2	8.49	22.8	8.04	22.3	7.59	22.1	7.39	21.7	7.19	21.2	6.78
	-29.9	-30.0	19.1	7.24	18.8	6.86	18.4	6.47	18.2	6.30	17.9	6.13	17.5	5.79
80	15.0	13.7	53.2	12.42	52.2	11.75	51.2	11.08	50.6	10.81	49.6	10.54	48.6	9.99
	13.0	11.8	53.2	12.58	52.2	11.90	51.2	11.23	50.6	10.95	49.6	10.67	48.6	10.11
	11.0	9.8	53.2	12.76	52.2	12.07	51.2	11.39	50.6	11.10	49.6	10.82	48.6	10.26
	9.0	7.9	53.2	12.94	52.2	12.24	51.2	11.55	50.6	11.26	49.6	10.97	48.6	10.40
	8.3	6.1	53.2	13.11	52.2	12.41	51.2	11.71	50.6	11.42	49.6	11.12	48.6	10.54
	5.0	4.1	53.2	13.33	52.2	12.61	51.2	11.90	50.6	11.60	49.6	11.30	48.6	10.71
	2.5	1.7	53.2	13.60	52.2	12.87	51.2	12.14	50.6	11.84	49.6	11.53	48.6	10.92
	0.0	-0.7	51.2	13.25	50.2	12.54	49.3	11.83	48.8	11.53	47.8	11.23	46.8	10.64
	-3.0	-3.7	48.7	12.79	47.8	12.11	46.9	11.43	46.4	11.14	45.5	10.85	44.5	10.27
	-5.0	-5.6	47.1	12.60	46.3	11.93	45.4	11.26	44.9	10.97	44.0	10.68	43.1	10.11
	-7.0	-7.6	45.5	12.41	44.6	11.75	43.8	11.09	43.3	10.80	42.5	10.52	41.6	9.96
	-10.0	-10.5	43.1	12.14	42.3	11.49	41.4	10.84	41.0	10.56	40.2	10.29	39.4	9.73
	-14.5	-15.0	39.4	11.72	38.6	11.09	37.9	10.47	37.5	10.20	36.7	9.93	36.0	9.39
	-19.5	-20.0	35.1	11.24	34.4	10.64	33.8	10.04	33.4	9.78	32.8	9.52	32.1	9.00
	-22.8	-23.0	29.7	9.91	29.1	9.39	28.5	8.86	28.3	8.63	27.7	8.40	27.1	7.93
	-24.8	-25.0	26.1	8.98	25.6	8.50	25.1	8.03	24.8	7.82	24.3	7.60	23.8	7.18
	-27.4	-28.0	20.6	7.46	20.2	7.07	19.8	6.67	19.7	6.50	19.3	6.32	18.9	5.97
	-29.9	-30.0	17.0	6.37	16.7	6.03	16.4	5.69	16.2	5.54	15.9	5.39	15.6	5.09
70	15.0	13.7	46.5	10.75	45.6	10.17	44.8	9.60	44.3	9.36	43.4	9.12	42.5	8.65
	13.0	11.8	46.5	10.89	45.6	10.31	44.8	9.72	44.3	9.48	43.4	9.24	42.5	8.76
	11.0	9.8	46.5	11.04	45.6	10.45	44.8	9.86	44.3	9.61	43.4	9.37	42.5	8.88
	9.0	7.9	46.5	11.20	45.6	10.60	44.8	10.00	44.3	9.75	43.4	9.50	42.5	9.00
	8.3	6.1	46.5	11.35	45.6	10.75	44.8	10.14	44.3	9.88	43.4	9.63	42.5	9.13
	5.0	4.1	46.5	11.54	45.6	10.92	44.8	10.30	44.3	10.04	43.4	9.79	42.5	9.27
	2.5	1.7	46.5	11.77	45.6	11.14	44.8	10.51	44.3	10.25	43.4	9.99	42.5	9.46
	0.0	-0.7	44.8	11.47	44.0	10.86	43.1	10.24	42.7	9.98	41.8	9.73	41.0	9.21
	-3.0	-3.7	42.6	11.08	41.8	10.49	41.0	9.89	40.6	9.64	39.8	9.39	39.0	8.89
	-5.0	-5.6	41.3	10.91	40.5	10.33	39.7	9.75	39.3	9.50	38.5	9.25	37.7	8.76
	-7.0	-7.6	39.8	10.74	39.0	10.17	38.3	9.60	37.9	9.35	37.1	9.11	36.4	8.62
	-10.0	-10.5	37.7	10.51	37.0	9.95	36.3	9.39	35.9	9.15	35.2	8.91	34.5	8.43
	-14.5	-15.0	34.4	10.14	33.8	9.60	33.1	9.06	32.8	8.83	32.1	8.60	31.5	8.13
	-19.5	-20.0	30.7	9.73	30.1	9.21	29.5	8.70	29.2	8.47	28.7	8.24	28.1	7.79
	-22.8	-23.0	26.0	8.58	25.5	8.13	25.0	7.67	24.7	7.47	24.2	7.27	23.7	6.87
	-24.8	-25.0	22.8	7.77	22.4	7.36	21.9	6.95	21.7	6.77	21.3	6.58	20.8	6.22
	-27.4	-28.0	18.1	6.46	17.7	6.12	17.4	5.78	17.2	5.63	16.9	5.47	16.5	5.17
	-29.9	-30.0	14.9	5.51	14.6	5.22	14.3	4.93	14.2	4.80	13.9	4.67	13.6	4.41

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2161FT6P-UL/MMY-UP2161FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	74.8	18.53	73.4	17.54	71.9	16.54	71.2	16.13	69.8	15.72	68.4	14.91
	13.0	11.8	74.8	18.77	73.4	17.76	71.9	16.76	71.2	16.34	69.8	15.92	68.4	15.09
	11.0	9.8	74.8	19.04	73.4	18.01	71.9	16.99	71.2	16.57	69.8	16.15	68.4	15.30
	9.0	7.9	74.8	19.30	73.4	18.27	71.9	17.23	71.2	16.80	69.8	16.37	68.4	15.52
	8.3	6.1	74.8	19.57	73.4	18.52	71.9	17.47	71.2	17.04	69.8	16.60	68.4	15.73
	5.0	4.1	74.8	19.89	73.4	18.82	71.9	17.76	71.2	17.31	69.8	16.87	68.4	15.98
	2.5	1.7	74.8	20.29	73.4	19.21	71.9	18.12	71.2	17.67	69.8	17.21	68.4	16.30
	0.0	-0.7	70.7	19.37	69.4	18.33	68.0	17.29	67.4	16.86	66.0	16.42	64.7	15.55
	-3.0	-3.7	65.6	18.16	64.4	17.19	63.1	16.22	62.5	15.81	61.3	15.40	60.0	14.57
	-5.0	-5.6	62.4	17.53	61.2	16.59	60.0	15.66	59.4	15.26	58.2	14.86	57.0	14.07
	-7.0	-7.6	59.0	16.87	57.9	15.97	56.7	15.07	56.2	14.69	55.0	14.30	53.9	13.54
	-10.0	-10.5	54.0	15.89	53.0	15.05	52.0	14.20	51.5	13.84	50.4	13.47	49.4	12.75
	-14.5	-15.0	46.4	14.30	45.5	13.54	44.6	12.78	44.2	12.45	43.3	12.12	42.4	11.46
	-19.5	-20.0	38.1	12.59	37.4	11.92	36.7	11.25	36.3	10.96	35.6	10.67	34.9	10.08
	-22.8	-23.0	31.8	11.02	31.2	10.43	30.6	9.85	30.3	9.59	29.7	9.33	29.1	8.82
	-24.8	-25.0	27.7	9.90	27.1	9.37	26.6	8.85	26.3	8.62	25.8	8.38	25.3	7.92
	-27.4	-28.0	21.4	8.09	21.0	7.66	20.5	7.23	20.3	7.04	19.9	6.85	19.5	6.47
	-29.9	-30.0	17.2	6.77	16.8	6.42	16.5	6.06	16.4	5.90	16.0	5.74	15.7	5.41
110	15.0	13.7	76.3	18.62	74.8	17.62	73.4	16.62	72.6	16.21	71.2	15.80	69.7	14.97
	13.0	11.8	76.3	18.86	74.8	17.85	73.4	16.83	72.6	16.42	71.2	16.00	69.7	15.16
	11.0	9.8	76.3	19.12	74.8	18.10	73.4	17.07	72.6	16.65	71.2	16.22	69.7	15.38
	9.0	7.9	76.3	19.39	74.8	18.35	73.4	17.31	72.6	16.88	71.2	16.45	69.7	15.59
	8.3	6.1	76.3	19.66	74.8	18.61	73.4	17.55	72.6	17.12	71.2	16.68	69.7	15.80
	5.0	4.1	76.3	19.98	74.8	18.91	73.4	17.84	72.6	17.39	71.2	16.95	69.7	16.05
	2.5	1.7	76.3	20.39	74.8	19.30	73.4	18.21	72.6	17.75	71.2	17.29	69.7	16.38
	0.0	-0.7	72.2	19.46	70.8	18.42	69.4	17.38	68.7	16.94	67.3	16.50	66.0	15.62
	-3.0	-3.7	66.9	18.24	65.7	17.27	64.4	16.29	63.8	15.88	62.5	15.47	61.2	14.64
	-5.0	-5.6	63.6	17.61	62.4	16.67	61.2	15.73	60.6	15.33	59.4	14.93	58.2	14.13
	-7.0	-7.6	60.2	16.95	59.0	16.05	57.9	15.14	57.3	14.76	56.1	14.37	55.0	13.60
	-10.0	-10.5	55.1	15.97	54.1	15.12	53.0	14.26	52.5	13.90	51.4	13.53	50.4	12.80
	-14.5	-15.0	47.3	14.36	46.4	13.60	45.5	12.84	45.0	12.51	44.1	12.17	43.2	11.51
	-19.5	-20.0	38.9	12.65	38.2	11.98	37.4	11.31	37.0	11.01	36.3	10.72	35.6	10.13
	-22.8	-23.0	32.5	11.07	31.9	10.48	31.2	9.89	30.9	9.63	30.3	9.38	29.7	8.86
	-24.8	-25.0	28.2	9.94	27.7	9.42	27.1	8.89	26.9	8.66	26.3	8.42	25.8	7.95
	-27.4	-28.0	21.8	8.12	21.4	7.70	21.0	7.27	20.8	7.07	20.3	6.88	19.9	6.50
	-29.9	-30.0	17.5	6.81	17.2	6.45	16.8	6.09	16.7	5.93	16.3	5.76	16.0	5.44
120	15.0	13.7	78.5	18.88	77.0	17.87	75.5	16.85	74.8	16.44	73.3	16.02	71.8	15.19
	13.0	11.8	78.5	19.12	77.0	18.10	75.5	17.07	74.8	16.65	73.3	16.23	71.8	15.38
	11.0	9.8	78.5	19.39	77.0	18.35	75.5	17.31	74.8	16.88	73.3	16.45	71.8	15.59
	9.0	7.9	78.5	19.67	77.0	18.61	75.5	17.56	74.8	17.12	73.3	16.68	71.8	15.81
	8.3	6.1	78.5	19.94	77.0	18.87	75.5	17.80	74.8	17.36	73.3	16.91	71.8	16.02
	5.0	4.1	78.5	20.26	77.0	19.18	75.5	18.09	74.8	17.64	73.3	17.19	71.8	16.28
	2.5	1.7	78.5	20.68	77.0	19.57	75.5	18.46	74.8	18.00	73.3	17.54	71.8	16.61
	0.0	-0.7	74.3	19.73	72.9	18.68	71.5	17.62	70.7	17.18	69.3	16.73	67.9	15.84
	-3.0	-3.7	68.9	18.50	67.6	17.51	66.3	16.52	65.6	16.10	64.3	15.69	63.0	14.85
	-5.0	-5.6	65.5	17.86	64.3	16.91	63.0	15.95	62.4	15.55	61.1	15.14	59.9	14.33
	-7.0	-7.6	61.9	17.19	60.8	16.27	59.6	15.36	59.0	14.96	57.8	14.57	56.6	13.79
	-10.0	-10.5	56.7	16.19	55.7	15.33	54.6	14.47	54.0	14.10	53.0	13.73	51.9	12.99
	-14.5	-15.0	48.7	14.57	47.8	13.79	46.8	13.02	46.4	12.68	45.4	12.35	44.5	11.67
	-19.5	-20.0	40.0	12.83	39.3	12.15	38.5	11.47	38.1	11.17	37.4	10.87	36.6	10.27
	-22.8	-23.0	33.4	11.22	32.8	10.63	32.2	10.03	31.8	9.77	31.2	9.51	30.6	8.98
	-24.8	-25.0	29.0	10.08	28.5	9.55	27.9	9.02	27.7	8.78	27.1	8.54	26.5	8.07
	-27.4	-28.0	22.4	8.24	22.0	7.80	21.6	7.37	21.4	7.17	20.9	6.98	20.5	6.59
	-29.9	-30.0	18.0	6.90	17.7	6.54	17.3	6.17	17.2	6.01	16.8	5.85	16.5	5.52
130	15.0	13.7	80.4	19.05	78.9	18.03	77.3	17.00	76.6	16.58	75.0	16.16	73.5	15.32
	13.0	11.8	80.4	19.29	78.9	18.26	77.3	17.22	76.6	16.80	75.0	16.37	73.5	15.51
	11.0	9.8	80.4	19.57	78.9	18.52	77.3	17.47	76.6	17.03	75.0	16.60	73.5	15.73
	9.0	7.9	80.4	19.84	78.9	18.78	77.3	17.71	76.6	17.27	75.0	16.83	73.5	15.95
	8.3	6.1	80.4	20.12	78.9	19.04	77.3	17.96	76.6	17.51	75.0	17.06	73.5	16.17
	5.0	4.1	80.4	20.44	78.9	19.35	77.3	18.25	76.6	17.79	75.0	17.34	73.5	16.42
	2.5	1.7	80.4	20.86	78.9	19.74	77.3	18.63	76.6	18.16	75.0	17.69	73.5	16.76
	0.0	-0.7	76.1	19.91	74.6	18.84	73.2	17.78	72.4	17.33	71.0	16.88	69.5	15.99
	-3.0	-3.7	70.6	18.66	69.2	17.67	67.9	16.67	67.2	16.25	65.8	15.82	64.5	14.98
	-5.0	-5.6	67.1	18.02	65.8	17.06	64.5	16.09	63.9	15.68	62.6	15.28	61.3	14.46
	-7.0	-7.6	63.4	17.34	62.2	16.42	61.0	15.49	60.4	15.10	59.2	14.70	58.0	13.91
	-10.0	-10.5	58.1	16.34	57.0	15.47	55.9	14.59	55.3	14.22	54.2	13.85	53.1	13.10
	-14.5	-15.0	49.8	14.70	48.9	13.91	47.9	13.13	47.5	12.79	46.5	12.46	45.6	11.78
	-19.5	-20.0	41.0	12.94	40.2	12.26	39.4	11.57	39.0	11.27	38.3	10.97	37.5	10.36
	-22.8	-23.0	34.2	11.32	33.6	10.72	32.9	10.12	32.6	9.86	32.0	9.59	31.3	9.06
	-24.8	-25.0	29.7	10.17	29.2	9.63	28.6	9.09	28.3	8.86	27.7	8.62	27.2	8.14
	-27.4	-28.0	23.0	8.31	22.5	7.87	22.1	7.43	21.9	7.24	21.4	7.04	21.0	6.65
	-29.9	-30.0	18.5	6.96	18.1	6.60	17.8	6.23	17.6	6.06	17.2	5.90	16.9	5.57

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	67.3	16.50	66.0	15.61	64.7	14.73	64.1	14.36	62.8	14.00	61.5	13.27
	13.0	11.8	67.3	16.71	66.0	15.81	64.7	14.92	64.1	14.55	62.8	14.18	61.5	13.44
	11.0	9.8	67.3	16.95	66.0	16.04	64.7	15.13	64.1	14.75	62.8	14.38	61.5	13.63
	9.0	7.9	67.3	17.19	66.0	16.26	64.7	15.34	64.1	14.96	62.8	14.58	61.5	13.81
	8.3	6.1	67.3	17.42	66.0	16.49	64.7	15.56	64.1	15.17	62.8	14.78	61.5	14.00
	5.0	4.1	67.3	17.71	66.0	16.76	64.7	15.81	64.1	15.41	62.8	15.02	61.5	14.23
	2.5	1.7	67.3	18.07	66.0	17.10	64.7	16.13	64.1	15.73	62.8	15.32	61.5	14.51
	0.0	-0.7	63.7	17.24	62.5	16.32	61.2	15.40	60.6	15.01	59.4	14.62	58.2	13.85
	-3.0	-3.7	59.1	16.17	57.9	15.30	56.8	14.44	56.3	14.07	55.1	13.71	54.0	12.98
	-5.0	-5.6	56.2	15.61	55.1	14.77	54.0	13.94	53.5	13.59	52.4	13.23	51.3	12.52
	-7.0	-7.6	53.1	15.02	52.1	14.22	51.1	13.42	50.6	13.08	49.5	12.74	48.5	12.05
	-10.0	-10.5	48.6	14.15	47.7	13.40	46.8	12.64	46.3	12.32	45.4	11.99	44.5	11.35
	-14.5	-15.0	41.7	12.73	40.9	12.05	40.1	11.38	39.7	11.08	38.9	10.79	38.2	10.20
	-19.5	-20.0	34.3	11.21	33.7	10.62	33.0	10.02	32.7	9.76	32.0	9.50	31.4	8.98
	-22.8	-23.0	28.7	9.81	28.1	9.29	27.6	8.77	27.3	8.54	26.8	8.31	26.2	7.85
	-24.8	-25.0	24.9	8.81	24.4	8.34	23.9	7.88	23.7	7.67	23.2	7.46	22.8	7.05
	-27.4	-28.0	19.2	7.20	18.9	6.82	18.5	6.44	18.3	6.27	17.9	6.10	17.6	5.76
	-29.9	-30.0	15.5	6.03	15.2	5.71	14.9	5.39	14.7	5.25	14.4	5.11	14.1	4.82
80	15.0	13.7	59.8	14.51	58.7	13.73	57.5	12.95	57.0	12.63	55.8	12.31	54.7	11.67
	13.0	11.8	59.8	14.70	58.7	13.91	57.5	13.12	57.0	12.79	55.8	12.47	54.7	11.82
	11.0	9.8	59.8	14.91	58.7	14.11	57.5	13.31	57.0	12.98	55.8	12.64	54.7	11.98
	9.0	7.9	59.8	15.11	58.7	14.30	57.5	13.49	57.0	13.16	55.8	12.82	54.7	12.15
	8.3	6.1	59.8	15.32	58.7	14.50	57.5	13.68	57.0	13.34	55.8	13.00	54.7	12.32
	5.0	4.1	59.8	15.57	58.7	14.74	57.5	13.90	57.0	13.56	55.8	13.21	54.7	12.51
	2.5	1.7	59.8	15.89	58.7	15.04	57.5	14.19	57.0	13.83	55.8	13.48	54.7	12.76
	0.0	-0.7	56.6	15.16	55.5	14.35	54.4	13.54	53.9	13.20	52.8	12.86	51.7	12.18
	-3.0	-3.7	52.5	14.22	51.5	13.46	50.5	12.70	50.0	12.38	49.0	12.05	48.0	11.41
	-5.0	-5.6	49.9	13.72	49.0	12.99	48.0	12.26	47.5	11.95	46.6	11.64	45.6	11.01
	-7.0	-7.6	47.2	13.21	46.3	12.51	45.4	11.80	44.9	11.50	44.0	11.20	43.1	10.60
	-10.0	-10.5	43.2	12.44	42.4	11.78	41.6	11.12	41.2	10.83	40.3	10.55	39.5	9.98
	-14.5	-15.0	37.1	11.20	36.4	10.60	35.7	10.00	35.3	9.75	34.6	9.49	33.9	8.97
	-19.5	-20.0	30.5	9.86	29.9	9.34	29.3	8.81	29.1	8.58	28.5	8.35	27.9	7.89
	-22.8	-23.0	25.5	8.63	25.0	8.17	24.5	7.71	24.3	7.51	23.8	7.31	23.3	6.90
	-24.8	-25.0	22.1	7.75	21.7	7.34	21.3	6.93	21.1	6.75	20.6	6.56	20.2	6.20
	-27.4	-28.0	17.1	6.33	16.8	6.00	16.4	5.66	16.3	5.51	16.0	5.36	15.6	5.06
	-29.9	-30.0	13.7	5.30	13.5	5.02	13.2	4.74	13.1	4.62	12.8	4.49	12.6	4.24
70	15.0	13.7	52.3	12.56	51.3	11.89	50.4	11.21	49.9	10.94	48.9	10.66	47.9	10.10
	13.0	11.8	52.3	12.72	51.3	12.04	50.4	11.36	49.9	11.08	48.9	10.80	47.9	10.23
	11.0	9.8	52.3	12.90	51.3	12.21	50.4	11.52	49.9	11.23	48.9	10.95	47.9	10.38
	9.0	7.9	52.3	13.09	51.3	12.38	50.4	11.68	49.9	11.39	48.9	11.10	47.9	10.52
	8.3	6.1	52.3	13.27	51.3	12.56	50.4	11.85	49.9	11.55	48.9	11.25	47.9	10.66
	5.0	4.1	52.3	13.48	51.3	12.76	50.4	12.04	49.9	11.74	48.9	11.44	47.9	10.83
	2.5	1.7	52.3	13.76	51.3	13.02	50.4	12.29	49.9	11.98	48.9	11.67	47.9	11.05
	0.0	-0.7	49.5	13.13	48.6	12.43	47.6	11.72	47.2	11.43	46.2	11.13	45.3	10.54
	-3.0	-3.7	45.9	12.31	45.1	11.65	44.2	10.99	43.8	10.72	42.9	10.44	42.0	9.88
	-5.0	-5.6	43.7	11.88	42.8	11.25	42.0	10.61	41.6	10.34	40.8	10.08	39.9	9.54
	-7.0	-7.6	41.3	11.44	40.5	10.83	39.7	10.22	39.3	9.96	38.5	9.70	37.7	9.18
	-10.0	-10.5	37.8	10.77	37.1	10.20	36.4	9.63	36.0	9.38	35.3	9.13	34.6	8.64
	-14.5	-15.0	32.5	9.69	31.8	9.18	31.2	8.66	30.9	8.44	30.3	8.22	29.7	7.77
	-19.5	-20.0	26.7	8.54	26.2	8.08	25.7	7.63	25.4	7.43	24.9	7.23	24.4	6.84
	-22.8	-23.0	22.3	7.47	21.9	7.07	21.4	6.68	21.2	6.50	20.8	6.33	20.4	5.98
	-24.8	-25.0	19.4	6.71	19.0	6.35	18.6	6.00	18.4	5.84	18.1	5.68	17.7	5.37
	-27.4	-28.0	15.0	5.48	14.7	5.19	14.4	4.90	14.2	4.77	14.0	4.64	13.7	4.38
	-29.9	-30.0	12.0	4.59	11.8	4.35	11.6	4.11	11.4	4.00	11.2	3.89	11.0	3.67

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2401FT6P-UL/MMY-UP2401FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	83.1	21.52	81.5	20.37	79.9	19.21	79.1	18.74	77.5	18.26	76.0	17.31
	13.0	11.8	83.1	21.80	81.5	20.63	79.9	19.46	79.1	18.98	77.5	18.50	76.0	17.53
	11.0	9.8	83.1	22.11	81.5	20.92	79.9	19.74	79.1	19.25	77.5	18.76	76.0	17.77
	9.0	7.9	83.1	22.42	81.5	21.22	79.9	20.01	79.1	19.52	77.5	19.02	76.0	18.02
	8.3	6.1	83.1	22.73	81.5	21.51	79.9	20.29	79.1	19.79	77.5	19.28	76.0	18.27
	5.0	4.1	83.1	23.10	81.5	21.86	79.9	20.62	79.1	20.11	77.5	19.59	76.0	18.56
	2.5	1.7	83.1	23.57	81.5	22.31	79.9	21.05	79.1	20.52	77.5	19.99	76.0	18.93
	0.0	-0.7	78.6	22.49	77.1	21.29	75.6	20.09	74.9	19.58	73.4	19.07	71.9	18.06
	-3.0	-3.7	72.9	21.09	71.5	19.96	70.1	18.83	69.4	18.36	68.1	17.88	66.7	16.93
	-5.0	-5.6	69.3	20.36	68.0	19.27	66.7	18.18	66.0	17.72	64.7	17.26	63.4	16.34
	-7.0	-7.6	65.5	19.60	64.3	18.55	63.0	17.50	62.4	17.06	61.2	16.61	59.9	15.72
	-10.0	-10.5	60.0	18.46	58.9	17.47	57.8	16.49	57.2	16.07	56.0	15.65	54.9	14.80
	-14.5	-15.0	51.5	16.61	50.5	15.72	49.6	14.84	49.1	14.46	48.1	14.07	47.1	13.31
	-19.5	-20.0	42.4	14.62	41.6	13.85	40.8	13.07	40.4	12.73	39.6	12.39	38.7	11.71
	-22.8	-23.0	35.4	12.79	34.7	12.12	34.0	11.44	33.7	11.14	33.0	10.84	32.4	10.24
	-24.8	-25.0	30.7	11.49	30.1	10.88	29.6	10.28	29.3	10.01	28.7	9.74	28.1	9.19
	-27.4	-28.0	23.7	9.39	23.3	8.90	22.8	8.40	22.6	8.18	22.2	7.95	21.7	7.51
	-29.9	-30.0	19.1	7.87	18.7	7.45	18.4	7.04	18.2	6.85	17.8	6.66	17.4	6.29
110	15.0	13.7	84.8	21.62	83.1	20.46	81.5	19.30	80.7	18.82	79.1	18.35	77.5	17.39
	13.0	11.8	84.8	21.90	83.1	20.73	81.5	19.55	80.7	19.07	79.1	18.58	77.5	17.61
	11.0	9.8	84.8	22.21	83.1	21.02	81.5	19.83	80.7	19.34	79.1	18.84	77.5	17.86
	9.0	7.9	84.8	22.52	83.1	21.32	81.5	20.11	80.7	19.61	79.1	19.11	77.5	18.10
	8.3	6.1	84.8	22.84	83.1	21.61	81.5	20.39	80.7	19.88	79.1	19.37	77.5	18.35
	5.0	4.1	84.8	23.20	83.1	21.96	81.5	20.72	80.7	20.20	79.1	19.68	77.5	18.64
	2.5	1.7	84.8	23.68	83.1	22.41	81.5	21.15	80.7	20.61	79.1	20.08	77.5	19.02
	0.0	-0.7	80.2	22.60	78.7	21.39	77.1	20.18	76.4	19.67	74.8	19.16	73.3	18.15
	-3.0	-3.7	74.4	21.19	73.0	20.05	71.5	18.92	70.8	18.44	69.4	17.96	68.0	17.01
	-5.0	-5.6	70.7	20.45	69.4	19.36	68.0	18.27	67.3	17.80	66.0	17.34	64.6	16.41
	-7.0	-7.6	66.8	19.69	65.6	18.64	64.3	17.59	63.7	17.14	62.4	16.69	61.1	15.79
	-10.0	-10.5	61.2	18.54	60.1	17.56	58.9	16.57	58.3	16.14	57.2	15.72	56.0	14.87
	-14.5	-15.0	52.5	16.68	51.5	15.80	50.5	14.91	50.0	14.52	49.0	14.14	48.0	13.37
	-19.5	-20.0	43.2	14.69	42.4	13.91	41.6	13.13	41.2	12.79	40.3	12.45	39.5	11.76
	-22.8	-23.0	36.1	12.85	35.4	12.17	34.7	11.49	34.4	11.19	33.7	10.89	33.0	10.29
	-24.8	-25.0	31.3	11.55	30.7	10.94	30.1	10.32	29.8	10.05	29.3	9.78	28.7	9.24
	-27.4	-28.0	24.2	9.44	23.8	8.94	23.3	8.44	23.1	8.22	22.6	7.99	22.1	7.54
	-29.9	-30.0	19.5	7.91	19.1	7.49	18.7	7.07	18.5	6.88	18.2	6.69	17.8	6.32
120	15.0	13.7	87.2	21.93	85.6	20.75	83.9	19.57	83.1	19.09	81.4	18.61	79.8	17.64
	13.0	11.8	87.2	22.21	85.6	21.02	83.9	19.83	83.1	19.34	81.4	18.84	79.8	17.86
	11.0	9.8	87.2	22.53	85.6	21.32	83.9	20.11	83.1	19.61	81.4	19.11	79.8	18.11
	9.0	7.9	87.2	22.84	85.6	21.62	83.9	20.39	83.1	19.88	81.4	19.38	79.8	18.36
	8.3	6.1	87.2	23.16	85.6	21.92	83.9	20.68	83.1	20.16	81.4	19.64	79.8	18.61
	5.0	4.1	87.2	23.53	85.6	22.27	83.9	21.01	83.1	20.49	81.4	19.96	79.8	18.91
	2.5	1.7	87.2	24.02	85.6	22.73	83.9	21.44	83.1	20.91	81.4	20.37	79.8	19.29
	0.0	-0.7	82.5	22.92	81.0	21.69	79.4	20.47	78.6	19.95	77.0	19.43	75.5	18.40
	-3.0	-3.7	76.6	21.49	75.1	20.34	73.7	19.19	72.9	18.70	71.5	18.22	70.0	17.25
	-5.0	-5.6	72.8	20.74	71.4	19.63	70.0	18.53	69.3	18.06	67.9	17.59	66.5	16.65
	-7.0	-7.6	68.8	19.96	67.5	18.90	66.2	17.83	65.5	17.38	64.2	16.93	62.9	16.02
	-10.0	-10.5	63.0	18.81	61.8	17.80	60.6	16.80	60.0	16.37	58.8	15.94	57.6	15.08
	-14.5	-15.0	54.1	16.92	53.1	16.02	52.0	15.12	51.5	14.73	50.5	14.34	49.5	13.56
	-19.5	-20.0	44.5	14.90	43.6	14.11	42.8	13.32	42.4	12.97	41.5	12.62	40.7	11.93
	-22.8	-23.0	37.2	13.04	36.4	12.34	35.7	11.65	35.4	11.35	34.7	11.04	34.0	10.43
	-24.8	-25.0	32.3	11.71	31.6	11.09	31.0	10.47	30.7	10.19	30.1	9.92	29.5	9.37
	-27.4	-28.0	24.9	9.57	24.4	9.06	24.0	8.56	23.7	8.33	23.3	8.10	22.8	7.65
	-29.9	-30.0	20.0	8.02	19.6	7.59	19.3	7.17	19.1	6.98	18.7	6.79	18.3	6.41
130	15.0	13.7	89.3	22.12	87.6	20.94	85.9	19.75	85.1	19.26	83.4	18.77	81.7	17.79
	13.0	11.8	89.3	22.41	87.6	21.21	85.9	20.00	85.1	19.51	83.4	19.01	81.7	18.02
	11.0	9.8	89.3	22.72	87.6	21.51	85.9	20.29	85.1	19.78	83.4	19.28	81.7	18.27
	9.0	7.9	89.3	23.04	87.6	21.81	85.9	20.57	85.1	20.06	83.4	19.55	81.7	18.52
	8.3	6.1	89.3	23.36	87.6	22.11	85.9	20.86	85.1	20.34	83.4	19.82	81.7	18.78
	5.0	4.1	89.3	23.74	87.6	22.47	85.9	21.20	85.1	20.67	83.4	20.14	81.7	19.08
	2.5	1.7	89.3	24.23	87.6	22.93	85.9	21.63	85.1	21.09	83.4	20.55	81.7	19.46
	0.0	-0.7	84.5	23.12	82.9	21.88	81.3	20.65	80.5	20.13	78.9	19.61	77.3	18.57
	-3.0	-3.7	78.4	21.68	76.9	20.52	75.4	19.36	74.7	18.87	73.2	18.38	71.7	17.40
	-5.0	-5.6	74.5	20.93	73.1	19.81	71.7	18.69	71.0	18.22	69.6	17.74	68.1	16.79
	-7.0	-7.6	70.4	20.14	69.1	19.07	67.8	17.99	67.1	17.53	65.8	17.08	64.4	16.16
	-10.0	-10.5	64.5	18.97	63.3	17.96	62.1	16.95	61.5	16.52	60.2	16.08	59.0	15.22
	-14.5	-15.0	55.4	17.07	54.3	16.16	53.3	15.25	52.7	14.86	51.7	14.47	50.6	13.68
	-19.5	-20.0	45.6	15.03	44.7	14.23	43.8	13.44	43.4	13.09	42.5	12.74	41.6	12.04
	-22.8	-23.0	38.0	13.15	37.3	12.45	36.6	11.76	36.2	11.45	35.5	11.14	34.8	10.52
	-24.8	-25.0	33.0	11.81	32.4	11.19	31.8	10.56	31.5	10.29	30.8	10.01	30.2	9.45
	-27.4	-28.0	25.5	9.65	25.0	9.14	24.5	8.63	24.3	8.41	23.8	8.18	23.3	7.72
	-29.9	-30.0	20.5	8.09	20.1	7.66	19.7	7.23	19.5	7.04	19.1	6.85	18.8	6.46

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	74.8	19.16	73.4	18.13	71.9	17.11	71.2	16.68	69.8	16.26	68.4	15.41
	13.0	11.8	74.8	19.41	73.4	18.37	71.9	17.33	71.2	16.90	69.8	16.47	68.4	15.61
	11.0	9.8	74.8	19.68	73.4	18.63	71.9	17.57	71.2	17.14	69.8	16.70	68.4	15.83
	9.0	7.9	74.8	19.96	73.4	18.89	71.9	17.82	71.2	17.38	69.8	16.93	68.4	16.04
	8.3	6.1	74.8	20.24	73.4	19.15	71.9	18.07	71.2	17.62	69.8	17.17	68.4	16.26
	5.0	4.1	74.8	20.56	73.4	19.46	71.9	18.36	71.2	17.90	69.8	17.44	68.4	16.52
	2.5	1.7	74.8	20.99	73.4	19.86	71.9	18.74	71.2	18.27	69.8	17.80	68.4	16.86
	0.0	-0.7	70.7	20.03	69.4	18.95	68.0	17.88	67.4	17.43	66.0	16.98	64.7	16.08
	-3.0	-3.7	65.6	18.78	64.4	17.77	63.1	16.77	62.5	16.34	61.3	15.92	60.0	15.07
	-5.0	-5.6	62.4	18.13	61.2	17.16	60.0	16.19	59.4	15.78	58.2	15.37	57.0	14.55
	-7.0	-7.6	59.0	17.45	57.9	16.52	56.7	15.58	56.2	15.19	55.0	14.79	53.9	14.00
	-10.0	-10.5	54.0	16.43	53.0	15.56	52.0	14.68	51.5	14.31	50.4	13.93	49.4	13.18
	-14.5	-15.0	46.4	14.78	45.5	14.00	44.6	13.21	44.2	12.87	43.3	12.53	42.4	11.85
	-19.5	-20.0	38.1	13.02	37.4	12.33	36.7	11.64	36.3	11.34	35.6	11.03	34.9	10.43
	-22.8	-23.0	31.8	11.39	31.2	10.79	30.6	10.18	30.3	9.92	29.7	9.65	29.1	9.12
	-24.8	-25.0	27.7	10.23	27.1	9.69	26.6	9.15	26.3	8.91	25.8	8.67	25.3	8.19
	-27.4	-28.0	21.4	8.36	21.0	7.92	20.5	7.48	20.3	7.28	19.9	7.08	19.5	6.69
	-29.9	-30.0	17.2	7.01	16.8	6.64	16.5	6.27	16.4	6.10	16.0	5.93	15.7	5.60
80	15.0	13.7	66.5	16.85	65.2	15.95	63.9	15.04	63.3	14.67	62.0	14.30	60.8	13.56
	13.0	11.8	66.5	17.07	65.2	16.15	63.9	15.24	63.3	14.86	62.0	14.48	60.8	13.73
	11.0	9.8	66.5	17.31	65.2	16.38	63.9	15.45	63.3	15.07	62.0	14.69	60.8	13.92
	9.0	7.9	66.5	17.55	65.2	16.61	63.9	15.67	63.3	15.28	62.0	14.89	60.8	14.11
	8.3	6.1	66.5	17.80	65.2	16.84	63.9	15.89	63.3	15.49	62.0	15.10	60.8	14.30
	5.0	4.1	66.5	18.09	65.2	17.12	63.9	16.15	63.3	15.74	62.0	15.34	60.8	14.53
	2.5	1.7	66.5	18.46	65.2	17.47	63.9	16.48	63.3	16.07	62.0	15.65	60.8	14.82
	0.0	-0.7	62.9	17.61	61.7	16.67	60.5	15.73	59.9	15.33	58.7	14.94	57.5	14.14
	-3.0	-3.7	58.3	16.51	57.2	15.63	56.1	14.75	55.6	14.37	54.4	14.00	53.3	13.25
	-5.0	-5.6	55.5	15.94	54.4	15.09	53.3	14.24	52.8	13.88	51.8	13.52	50.7	12.79
	-7.0	-7.6	52.4	15.34	51.4	14.52	50.4	13.71	49.9	13.36	48.9	13.01	47.9	12.31
	-10.0	-10.5	48.0	14.45	47.1	13.68	46.2	12.91	45.7	12.58	44.8	12.25	43.9	11.59
	-14.5	-15.0	41.2	13.00	40.4	12.31	39.6	11.62	39.2	11.32	38.5	11.02	37.7	10.42
	-19.5	-20.0	33.9	11.45	33.3	10.84	32.6	10.24	32.3	9.97	31.6	9.70	31.0	9.17
	-22.8	-23.0	28.3	10.02	27.8	9.49	27.2	8.96	27.0	8.72	26.4	8.49	25.9	8.02
	-24.8	-25.0	24.6	9.00	24.1	8.52	23.6	8.05	23.4	7.83	22.9	7.62	22.5	7.20
	-27.4	-28.0	19.0	7.35	18.6	6.97	18.3	6.58	18.1	6.40	17.7	6.23	17.4	5.88
	-29.9	-30.0	15.3	6.16	15.0	5.84	14.7	5.51	14.5	5.36	14.2	5.22	14.0	4.92
70	15.0	13.7	58.2	14.59	57.1	13.81	55.9	13.02	55.4	12.70	54.3	12.38	53.2	11.74
	13.0	11.8	58.2	14.78	57.1	13.99	55.9	13.19	55.4	12.87	54.3	12.54	53.2	11.88
	11.0	9.8	58.2	14.99	57.1	14.18	55.9	13.38	55.4	13.05	54.3	12.72	53.2	12.05
	9.0	7.9	58.2	15.20	57.1	14.38	55.9	13.57	55.4	13.23	54.3	12.89	53.2	12.22
	8.3	6.1	58.2	15.41	57.1	14.58	55.9	13.76	55.4	13.41	54.3	13.07	53.2	12.38
	5.0	4.1	58.2	15.66	57.1	14.82	55.9	13.98	55.4	13.63	54.3	13.28	53.2	12.58
	2.5	1.7	58.2	15.98	57.1	15.12	55.9	14.27	55.4	13.91	54.3	13.55	53.2	12.84
	0.0	-0.7	55.0	15.25	54.0	14.43	52.9	13.62	52.4	13.27	51.4	12.93	50.3	12.24
	-3.0	-3.7	51.0	14.30	50.1	13.53	49.1	12.77	48.6	12.45	47.6	12.12	46.7	11.48
	-5.0	-5.6	48.5	13.80	47.6	13.06	46.7	12.33	46.2	12.01	45.3	11.70	44.4	11.08
	-7.0	-7.6	45.9	13.28	45.0	12.58	44.1	11.87	43.7	11.56	42.8	11.26	41.9	10.66
	-10.0	-10.5	42.0	12.51	41.2	11.85	40.4	11.18	40.0	10.89	39.2	10.61	38.4	10.04
	-14.5	-15.0	36.1	11.26	35.4	10.66	34.7	10.06	34.3	9.80	33.7	9.54	33.0	9.02
	-19.5	-20.0	29.7	9.91	29.1	9.39	28.5	8.86	28.3	8.63	27.7	8.40	27.1	7.94
	-22.8	-23.0	24.8	8.67	24.3	8.21	23.8	7.75	23.6	7.55	23.1	7.35	22.6	6.94
	-24.8	-25.0	21.5	7.79	21.1	7.38	20.7	6.97	20.5	6.78	20.1	6.60	19.7	6.23
	-27.4	-28.0	16.6	6.37	16.3	6.03	16.0	5.69	15.8	5.54	15.5	5.39	15.2	5.09
	-29.9	-30.0	13.4	5.33	13.1	5.05	12.8	4.77	12.7	4.64	12.5	4.52	12.2	4.26

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2641FT6P-UL/MMY-UP2641FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	91.4	25.29	89.7	23.93	87.9	22.57	87.0	22.01	85.3	21.45	83.6	20.34
	13.0	11.8	91.4	25.61	89.7	24.24	87.9	22.86	87.0	22.29	85.3	21.73	83.6	20.59
	11.0	9.8	91.4	25.97	89.7	24.58	87.9	23.19	87.0	22.61	85.3	22.03	83.6	20.88
	9.0	7.9	91.4	26.34	89.7	24.92	87.9	23.51	87.0	22.93	85.3	22.34	83.6	21.17
	8.3	6.1	91.4	26.70	89.7	25.27	87.9	23.84	87.0	23.25	85.3	22.65	83.6	21.46
	5.0	4.1	88.1	25.59	86.4	24.22	84.7	22.85	83.9	22.28	82.2	21.71	80.5	20.56
	2.5	1.7	84.1	24.28	82.5	22.98	80.9	21.68	80.1	21.13	78.5	20.59	76.9	19.50
	0.0	-0.7	80.2	23.65	78.7	22.38	77.1	21.12	76.4	20.59	74.8	20.05	73.3	18.99
	-3.0	-3.7	75.3	22.86	73.8	21.64	72.4	20.42	71.7	19.90	70.2	19.39	68.8	18.35
	-5.0	-5.6	72.1	22.36	70.8	21.17	69.4	19.97	68.7	19.47	67.3	18.96	65.9	17.95
	-7.0	-7.6	68.8	21.83	67.5	20.66	66.2	19.50	65.6	19.00	64.3	18.51	62.9	17.51
	-10.0	-10.5	64.1	21.05	62.8	19.92	61.6	18.80	61.0	18.32	59.8	17.84	58.6	16.88
	-14.5	-15.0	56.7	19.80	55.6	18.75	54.5	17.69	54.0	17.24	52.9	16.78	51.8	15.87
	-19.5	-20.0	46.6	17.55	45.7	16.62	44.8	15.69	44.4	15.28	43.5	14.87	42.6	14.05
	-22.8	-23.0	39.7	15.64	38.9	14.81	38.2	13.98	37.8	13.62	37.0	13.25	36.3	12.52
	-24.8	-25.0	35.0	14.28	34.4	13.53	33.7	12.77	33.4	12.44	32.7	12.10	32.0	11.43
	-27.4	-28.0	28.1	12.10	27.5	11.46	27.0	10.82	26.7	10.53	26.2	10.25	25.7	9.67
	-29.9	-30.0	23.4	10.52	23.0	9.96	22.6	9.41	22.3	9.15	21.9	8.90	21.4	8.40
110	15.0	13.7	93.2	25.40	91.5	24.04	89.7	22.67	88.8	22.11	87.0	21.55	85.2	20.43
	13.0	11.8	93.2	25.73	91.5	24.35	89.7	22.97	88.8	22.40	87.0	21.83	85.2	20.69
	11.0	9.8	93.2	26.09	91.5	24.69	89.7	23.29	88.8	22.71	87.0	22.14	85.2	20.98
	9.0	7.9	93.2	26.46	91.5	25.04	89.7	23.62	88.8	23.03	87.0	22.45	85.2	21.27
	8.3	6.1	93.2	26.83	91.5	25.39	89.7	23.95	88.8	23.35	87.0	22.76	85.2	21.56
	5.0	4.1	89.9	25.71	88.1	24.34	86.4	22.96	85.6	22.38	83.9	21.81	82.1	20.66
	2.5	1.7	85.8	24.39	84.2	23.08	82.6	21.78	81.7	21.23	80.1	20.69	78.5	19.59
	0.0	-0.7	81.8	23.76	80.2	22.49	78.7	21.22	77.9	20.68	76.3	20.15	74.8	19.08
	-3.0	-3.7	76.8	22.97	75.3	21.74	73.8	20.52	73.1	20.00	71.6	19.48	70.2	18.44
	-5.0	-5.6	73.6	22.47	72.2	21.27	70.8	20.07	70.1	19.56	68.7	19.05	67.3	18.03
	-7.0	-7.6	70.2	21.93	68.9	20.76	67.5	19.59	66.9	19.09	65.5	18.59	64.2	17.59
	-10.0	-10.5	65.4	21.14	64.1	20.02	62.9	18.89	62.2	18.41	61.0	17.92	59.7	16.96
	-14.5	-15.0	57.8	19.89	56.7	18.83	55.6	17.78	55.0	17.32	53.9	16.86	52.8	15.94
	-19.5	-20.0	47.5	17.63	46.6	16.70	45.7	15.76	45.3	15.35	44.4	14.94	43.5	14.12
	-22.8	-23.0	40.5	15.71	39.7	14.88	38.9	14.05	38.5	13.68	37.8	13.31	37.0	12.57
	-24.8	-25.0	35.7	14.35	35.0	13.59	34.4	12.83	34.0	12.49	33.3	12.16	32.7	11.48
	-27.4	-28.0	28.6	12.15	28.1	11.51	27.5	10.87	27.3	10.58	26.7	10.29	26.2	9.72
	-29.9	-30.0	23.9	10.56	23.5	10.01	23.0	9.45	22.8	9.20	22.3	8.95	21.9	8.44
120	15.0	13.7	96.0	25.76	94.1	24.38	92.3	23.00	91.4	22.43	89.6	21.86	87.7	20.72
	13.0	11.8	96.0	26.09	94.1	24.69	92.3	23.29	91.4	22.71	89.6	22.14	87.7	20.98
	11.0	9.8	96.0	26.46	94.1	25.04	92.3	23.62	91.4	23.04	89.6	22.45	87.7	21.28
	9.0	7.9	96.0	26.83	94.1	25.39	92.3	23.96	91.4	23.36	89.6	22.76	87.7	21.57
	8.3	6.1	96.0	27.21	94.1	25.75	92.3	24.29	91.4	23.68	89.6	23.08	87.7	21.86
	5.0	4.1	92.5	26.08	90.7	24.68	89.0	23.28	88.1	22.70	86.3	22.12	84.6	20.95
	2.5	1.7	88.3	24.74	86.7	23.41	85.0	22.09	84.1	21.53	82.5	20.98	80.8	19.87
	0.0	-0.7	84.2	24.09	82.6	22.80	81.0	21.52	80.2	20.97	78.6	20.43	77.0	19.35
	-3.0	-3.7	79.0	23.29	77.5	22.05	76.0	20.81	75.3	20.28	73.8	19.75	72.2	18.70
	-5.0	-5.6	75.7	22.78	74.3	21.57	72.9	20.35	72.1	19.83	70.7	19.32	69.2	18.28
	-7.0	-7.6	72.3	22.24	70.9	21.05	69.5	19.87	68.8	19.36	67.5	18.86	66.1	17.84
	-10.0	-10.5	67.3	21.44	66.0	20.30	64.7	19.16	64.1	18.67	62.8	18.18	61.5	17.20
	-14.5	-15.0	59.5	20.17	58.4	19.10	57.2	18.03	56.7	17.56	55.5	17.10	54.4	16.17
	-19.5	-20.0	48.9	17.88	48.0	16.93	47.1	15.98	46.6	15.57	45.7	15.15	44.7	14.32
	-22.8	-23.0	41.6	15.93	40.9	15.09	40.1	14.25	39.7	13.87	38.9	13.50	38.1	12.75
	-24.8	-25.0	36.8	14.55	36.1	13.78	35.4	13.01	35.0	12.67	34.3	12.33	33.6	11.64
	-27.4	-28.0	29.5	12.33	28.9	11.67	28.4	11.02	28.1	10.73	27.5	10.44	27.0	9.86
	-29.9	-30.0	24.6	10.71	24.1	10.15	23.7	9.58	23.4	9.33	23.0	9.07	22.5	8.56
130	15.0	13.7	98.3	25.99	96.4	24.59	94.5	23.20	93.6	22.63	91.7	22.05	89.8	20.90
	13.0	11.8	98.3	26.32	96.4	24.91	94.5	23.50	93.6	22.92	91.7	22.33	89.8	21.17
	11.0	9.8	98.3	26.70	96.4	25.26	94.5	23.83	93.6	23.24	91.7	22.65	89.8	21.46
	9.0	7.9	98.3	27.07	96.4	25.62	94.5	24.17	93.6	23.57	91.7	22.96	89.8	21.76
	8.3	6.1	98.3	27.45	96.4	25.98	94.5	24.51	93.6	23.89	91.7	23.28	89.8	22.06
	5.0	4.1	94.7	26.31	92.9	24.90	91.1	23.49	90.2	22.90	88.4	22.31	86.6	21.14
	2.5	1.7	90.5	24.95	88.7	23.62	87.0	22.28	86.1	21.72	84.4	21.16	82.7	20.04
	0.0	-0.7	86.2	24.31	84.6	23.01	82.9	21.71	82.1	21.16	80.5	20.61	78.8	19.52
	-3.0	-3.7	80.9	23.50	79.4	22.25	77.8	20.99	77.0	20.46	75.5	19.93	74.0	18.86
	-5.0	-5.6	77.5	22.99	76.1	21.76	74.6	20.53	73.8	20.01	72.4	19.49	70.9	18.45
	-7.0	-7.6	74.0	22.44	72.6	21.24	71.2	20.04	70.5	19.53	69.1	19.02	67.7	18.00
	-10.0	-10.5	68.9	21.63	67.6	20.48	66.3	19.33	65.6	18.83	64.3	18.34	63.0	17.35
	-14.5	-15.0	60.9	20.35	59.8	19.27	58.6	18.19	58.0	17.72	56.9	17.25	55.7	16.31
	-19.5	-20.0	50.1	18.04	49.2	17.08	48.2	16.12	47.7	15.70	46.8	15.28	45.8	14.44
	-22.8	-23.0	42.6	16.08	41.8	15.22	41.0	14.37	40.6	13.99	39.8	13.62	39.0	12.87
	-24.8	-25.0	37.7	14.68	36.9	13.90	36.2	13.13	35.9	12.78	35.1	12.44	34.4	11.75
	-27.4	-28.0	30.2	12.44	29.6	11.78	29.0	11.12	28.7	10.83	28.2	10.53	27.6	9.94
	-29.9	-30.0	25.2	10.81	24.7	10.24	24.2	9.67	24.0	9.41	23.5	9.15	23.0	8.64

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	82.3	22.51	80.7	21.30	79.1	20.09	78.3	19.60	76.8	19.10	75.2	18.11
	13.0	11.8	82.3	22.80	80.7	21.58	79.1	20.35	78.3	19.85	76.8	19.35	75.2	18.34
	11.0	9.8	82.3	23.12	80.7	21.88	79.1	20.64	78.3	20.13	76.8	19.62	75.2	18.59
	9.0	7.9	82.3	23.45	80.7	22.19	79.1	20.93	78.3	20.41	76.8	19.89	75.2	18.85
	8.3	6.1	82.3	23.77	80.7	22.50	79.1	21.23	78.3	20.70	76.8	20.17	75.2	19.11
	5.0	4.1	79.3	22.79	77.8	21.57	76.3	20.35	75.5	19.84	74.0	19.33	72.5	18.31
	2.5	1.7	75.7	21.62	74.3	20.46	72.8	19.30	72.1	18.82	70.7	18.33	69.2	17.36
	0.0	-0.7	72.2	21.05	70.8	19.93	69.4	18.80	68.7	18.33	67.4	17.85	66.0	16.91
	-3.0	-3.7	67.7	20.36	66.4	19.27	65.2	18.18	64.5	17.72	63.2	17.26	61.9	16.34
	-5.0	-5.6	64.9	19.91	63.7	18.85	62.4	17.78	61.8	17.33	60.6	16.88	59.4	15.98
	-7.0	-7.6	62.0	19.44	60.8	18.40	59.6	17.36	59.0	16.92	57.8	16.48	56.6	15.59
	-10.0	-10.5	57.7	18.74	56.6	17.74	55.5	16.74	54.9	16.31	53.8	15.88	52.7	15.03
	-14.5	-15.0	51.0	17.63	50.0	16.69	49.1	15.75	48.6	15.35	47.6	14.94	46.6	14.13
	-19.5	-20.0	42.0	15.63	41.2	14.80	40.4	13.97	40.0	13.60	39.2	13.24	38.4	12.51
	-22.8	-23.0	35.7	13.92	35.0	13.19	34.3	12.45	34.0	12.12	33.3	11.80	32.6	11.14
	-24.8	-25.0	31.5	12.72	30.9	12.04	30.3	11.37	30.0	11.07	29.4	10.77	28.8	10.17
	-27.4	-28.0	25.3	10.77	24.8	10.20	24.3	9.63	24.1	9.38	23.6	9.12	23.1	8.61
	-29.9	-30.0	21.1	9.36	20.7	8.87	20.3	8.37	20.1	8.15	19.7	7.93	19.3	7.48
80	15.0	13.7	73.1	19.80	71.7	18.74	70.3	17.67	69.6	17.24	68.2	16.80	66.9	15.92
	13.0	11.8	73.1	20.05	71.7	18.98	70.3	17.90	69.6	17.46	68.2	17.01	66.9	16.13
	11.0	9.8	73.1	20.34	71.7	19.25	70.3	18.15	69.6	17.70	68.2	17.25	66.9	16.35
	9.0	7.9	73.1	20.62	71.7	19.52	70.3	18.41	69.6	17.95	68.2	17.49	66.9	16.58
	8.3	6.1	73.1	20.91	71.7	19.79	70.3	18.67	69.6	18.20	68.2	17.74	66.9	16.80
	5.0	4.1	70.5	20.04	69.1	18.97	67.8	17.89	67.1	17.45	65.8	17.00	64.4	16.10
	2.5	1.7	67.3	19.01	66.0	17.99	64.7	16.97	64.1	16.55	62.8	16.12	61.5	15.27
	0.0	-0.7	64.2	18.52	62.9	17.53	61.7	16.54	61.1	16.12	59.9	15.70	58.7	14.87
	-3.0	-3.7	60.2	17.90	59.1	16.95	57.9	15.99	57.3	15.58	56.2	15.18	55.0	14.37
	-5.0	-5.6	57.7	17.51	56.6	16.57	55.5	15.64	55.0	15.24	53.9	14.85	52.8	14.05
	-7.0	-7.6	55.1	17.09	54.0	16.18	53.0	15.27	52.5	14.88	51.4	14.49	50.4	13.71
	-10.0	-10.5	51.3	16.48	50.3	15.60	49.3	14.72	48.8	14.35	47.8	13.97	46.9	13.22
	-14.5	-15.0	45.3	15.50	44.5	14.68	43.6	13.85	43.2	13.50	42.3	13.14	41.4	12.43
	-19.5	-20.0	37.3	13.74	36.6	13.01	35.9	12.28	35.5	11.96	34.8	11.64	34.1	11.00
	-22.8	-23.0	31.7	12.25	31.1	11.60	30.5	10.95	30.2	10.66	29.6	10.37	29.0	9.80
	-24.8	-25.0	28.0	11.18	27.5	10.59	27.0	10.00	26.7	9.74	26.2	9.47	25.6	8.95
	-27.4	-28.0	22.5	9.47	22.0	8.97	21.6	8.47	21.4	8.25	21.0	8.02	20.5	7.57
	-29.9	-30.0	18.8	8.23	18.4	7.80	18.0	7.36	17.9	7.17	17.5	6.97	17.1	6.58
70	15.0	13.7	64.0	17.14	62.8	16.22	61.5	15.30	60.9	14.92	59.7	14.54	58.5	13.79
	13.0	11.8	64.0	17.36	62.8	16.43	61.5	15.50	60.9	15.11	59.7	14.73	58.5	13.96
	11.0	9.8	64.0	17.61	62.8	16.66	61.5	15.72	60.9	15.33	59.7	14.94	58.5	14.16
	9.0	7.9	64.0	17.85	62.8	16.90	61.5	15.94	60.9	15.54	59.7	15.15	58.5	14.35
	8.3	6.1	64.0	18.10	62.8	17.13	61.5	16.16	60.9	15.76	59.7	15.36	58.5	14.55
	5.0	4.1	61.7	17.35	60.5	16.42	59.3	15.49	58.7	15.10	57.6	14.72	56.4	13.94
	2.5	1.7	58.9	16.46	57.8	15.58	56.7	14.70	56.1	14.33	55.0	13.96	53.9	13.22
	0.0	-0.7	56.1	16.03	55.1	15.17	54.0	14.32	53.5	13.96	52.4	13.60	51.3	12.87
	-3.0	-3.7	52.7	15.50	51.7	14.67	50.7	13.84	50.2	13.49	49.2	13.14	48.2	12.44
	-5.0	-5.6	50.5	15.16	49.5	14.35	48.6	13.54	48.1	13.20	47.1	12.85	46.2	12.17
	-7.0	-7.6	48.2	14.80	47.3	14.01	46.4	13.22	45.9	12.88	45.0	12.55	44.1	11.87
	-10.0	-10.5	44.8	14.27	44.0	13.51	43.1	12.75	42.7	12.42	41.9	12.09	41.0	11.44
	-14.5	-15.0	39.7	13.42	38.9	12.71	38.2	12.00	37.8	11.69	37.0	11.38	36.3	10.76
	-19.5	-20.0	32.6	11.90	32.0	11.27	31.4	10.63	31.1	10.36	30.5	10.08	29.8	9.53
	-22.8	-23.0	27.8	10.60	27.2	10.04	26.7	9.48	26.4	9.23	25.9	8.98	25.4	8.49
	-24.8	-25.0	24.5	9.68	24.1	9.17	23.8	8.66	23.4	8.43	22.9	8.20	22.4	7.75
	-27.4	-28.0	19.7	8.20	19.3	7.77	18.9	7.33	18.7	7.14	18.3	6.95	18.0	6.56
	-29.9	-30.0	16.4	7.13	16.1	6.75	15.8	6.38	15.6	6.21	15.3	6.04	15.0	5.70

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2881FT6P-UL/MMY-UP2881FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	99.7	27.77	97.8	26.27	95.9	24.78	95.0	24.17	93.1	23.56	91.2	22.33
	13.0	11.8	99.7	28.12	97.8	26.61	95.9	25.10	95.0	24.48	93.1	23.86	91.2	22.61
	11.0	9.8	99.7	28.52	97.8	26.99	95.9	25.46	95.0	24.83	93.1	24.19	91.2	22.93
	9.0	7.9	99.7	28.92	97.8	27.37	95.9	25.82	95.0	25.18	93.1	24.53	91.2	23.25
	8.3	6.1	99.7	29.32	97.8	27.75	95.9	26.18	95.0	25.53	93.1	24.87	91.2	23.56
	5.0	4.1	99.7	29.79	97.8	28.20	95.9	26.60	95.0	25.94	93.1	25.27	91.2	23.94
	2.5	1.7	99.7	30.41	97.8	28.78	95.9	27.15	95.0	26.47	93.1	25.79	91.2	24.42
	0.0	-0.7	94.3	29.01	92.5	27.46	90.7	25.91	89.8	25.26	88.0	24.61	86.2	23.30
	-3.0	-3.7	87.5	27.20	85.8	25.75	84.2	24.30	83.3	23.68	81.7	23.07	80.0	21.84
	-5.0	-5.6	83.2	26.26	81.6	24.86	80.0	23.46	79.2	22.86	77.6	22.27	76.1	21.08
	-7.0	-7.6	78.6	25.28	77.1	23.93	75.6	22.58	74.9	22.01	73.4	21.43	71.9	20.28
	-10.0	-10.5	72.0	23.81	70.7	22.54	69.3	21.27	68.6	20.73	67.2	20.18	65.9	19.10
	-14.5	-15.0	61.8	21.42	60.6	20.28	59.5	19.14	58.9	18.65	57.7	18.16	56.5	17.17
	-19.5	-20.0	50.9	18.86	49.9	17.86	48.9	16.86	48.4	16.42	47.5	15.98	46.5	15.11
	-22.8	-23.0	42.5	16.50	41.7	15.63	40.8	14.75	40.4	14.37	39.6	13.98	38.8	13.21
	-24.8	-25.0	36.9	14.83	36.2	14.04	35.5	13.26	35.1	12.91	34.4	12.56	33.7	11.86
	-27.4	-28.0	28.5	12.12	27.9	11.48	27.4	10.84	27.1	10.55	26.6	10.26	26.0	9.69
	-29.9	-30.0	22.9	10.15	22.5	9.61	22.0	9.08	21.8	8.84	21.4	8.60	20.9	8.11
110	15.0	13.7	101.7	27.89	99.8	26.40	97.8	24.90	96.9	24.28	94.9	23.67	93.0	22.44
	13.0	11.8	101.7	28.25	99.8	26.74	97.8	25.22	96.9	24.59	94.9	23.97	93.0	22.72
	11.0	9.8	101.7	28.65	99.8	27.12	97.8	25.58	96.9	24.94	94.9	24.31	93.0	23.04
	9.0	7.9	101.7	29.05	99.8	27.50	97.8	25.94	96.9	25.29	94.9	24.65	93.0	23.35
	8.3	6.1	101.7	29.46	99.8	27.88	97.8	26.30	96.9	25.64	94.9	24.99	93.0	23.67
	5.0	4.1	101.7	29.93	99.8	28.33	97.8	26.73	96.9	26.06	94.9	25.39	93.0	24.05
	2.5	1.7	101.7	30.55	99.8	28.91	97.8	27.28	96.9	26.59	94.9	25.91	93.0	24.54
	0.0	-0.7	96.2	29.15	94.4	27.59	92.5	26.03	91.6	25.38	89.8	24.72	88.0	23.41
	-3.0	-3.7	89.3	27.33	87.6	25.87	85.9	24.41	85.0	23.79	83.3	23.17	81.6	21.94
	-5.0	-5.6	84.9	26.38	83.2	24.98	81.6	23.57	80.8	22.97	79.2	22.37	77.6	21.17
	-7.0	-7.6	80.2	25.40	78.7	24.04	77.2	22.69	76.4	22.11	74.9	21.53	73.3	20.37
	-10.0	-10.5	73.5	23.92	72.1	22.65	70.7	21.37	70.0	20.83	68.6	20.28	67.2	19.18
	-14.5	-15.0	63.1	21.52	61.9	20.38	60.7	19.23	60.1	18.74	58.9	18.24	57.6	17.25
	-19.5	-20.0	51.9	18.95	50.9	17.95	49.9	16.94	49.4	16.50	48.4	16.06	47.4	15.18
	-22.8	-23.0	43.3	16.58	42.5	15.70	41.7	14.82	41.2	14.43	40.4	14.05	39.6	13.27
	-24.8	-25.0	37.6	14.90	36.9	14.11	36.2	13.32	35.8	12.97	35.1	12.62	34.4	11.92
	-27.4	-28.0	29.1	12.17	28.5	11.53	27.9	10.89	27.7	10.60	27.1	10.31	26.6	9.73
	-29.9	-30.0	23.4	10.20	22.9	9.66	22.5	9.12	22.2	8.88	21.8	8.64	21.3	8.15
120	15.0	13.7	104.7	28.29	102.7	26.77	100.7	25.25	99.7	24.63	97.7	24.00	95.7	22.75
	13.0	11.8	104.7	28.65	102.7	27.11	100.7	25.58	99.7	24.94	97.7	24.31	95.7	23.04
	11.0	9.8	104.7	29.06	102.7	27.50	100.7	25.94	99.7	25.30	97.7	24.65	95.7	23.36
	9.0	7.9	104.7	29.47	102.7	27.89	100.7	26.31	99.7	25.65	97.7	25.00	95.7	23.69
	8.3	6.1	104.7	29.87	102.7	28.27	100.7	26.67	99.7	26.01	97.7	25.34	95.7	24.01
	5.0	4.1	104.7	30.36	102.7	28.73	100.7	27.11	99.7	26.43	97.7	25.75	95.7	24.39
	2.5	1.7	104.7	30.98	102.7	29.32	100.7	27.66	99.7	26.97	97.7	26.27	95.7	24.88
	0.0	-0.7	99.0	29.56	97.2	27.98	95.3	26.40	94.3	25.74	92.4	25.07	90.6	23.74
	-3.0	-3.7	91.9	27.72	90.1	26.24	88.4	24.75	87.5	24.13	85.8	23.50	84.0	22.25
	-5.0	-5.6	87.3	26.76	85.7	25.33	84.0	23.90	83.2	23.29	81.5	22.69	79.9	21.47
	-7.0	-7.6	82.6	25.75	81.0	24.38	79.4	23.01	78.6	22.42	77.1	21.83	75.5	20.66
	-10.0	-10.5	75.7	24.26	74.2	22.97	72.8	21.67	72.0	21.12	70.6	20.57	69.2	19.46
	-14.5	-15.0	64.9	21.83	63.7	20.66	62.4	19.50	61.8	19.00	60.6	18.50	59.3	17.49
	-19.5	-20.0	53.4	19.22	52.4	18.20	51.4	17.18	50.9	16.73	49.8	16.29	48.8	15.39
	-22.8	-23.0	44.6	16.82	43.7	15.92	42.9	15.03	42.5	14.64	41.6	14.25	40.8	13.46
	-24.8	-25.0	38.7	15.11	38.0	14.31	37.2	13.51	36.9	13.15	36.1	12.80	35.4	12.08
	-27.4	-28.0	29.9	12.34	29.3	11.69	28.8	11.04	28.5	10.75	27.9	10.45	27.3	9.87
	-29.9	-30.0	24.0	10.34	23.6	9.80	23.1	9.25	22.9	9.00	22.4	8.76	22.0	8.26
130	15.0	13.7	107.2	28.54	105.1	27.01	103.1	25.47	102.1	24.84	100.0	24.21	98.0	22.95
	13.0	11.8	107.2	28.91	105.1	27.35	103.1	25.80	102.1	25.16	100.0	24.52	98.0	23.25
	11.0	9.8	107.2	29.32	105.1	27.74	103.1	26.17	102.1	25.52	100.0	24.87	98.0	23.57
	9.0	7.9	107.2	29.73	105.1	28.13	103.1	26.54	102.1	25.88	100.0	25.22	98.0	23.90
	8.3	6.1	107.2	30.14	105.1	28.52	103.1	26.91	102.1	26.24	100.0	25.57	98.0	24.22
	5.0	4.1	107.2	30.63	105.1	28.99	103.1	27.35	102.1	26.66	100.0	25.98	98.0	24.61
	2.5	1.7	107.2	31.25	105.1	29.58	103.1	27.91	102.1	27.21	100.0	26.51	98.0	25.10
	0.0	-0.7	101.4	29.82	99.5	28.23	97.5	26.63	96.6	25.96	94.6	25.29	92.7	23.95
	-3.0	-3.7	94.1	27.96	92.3	26.47	90.5	24.97	89.6	24.34	87.8	23.71	86.0	22.45
	-5.0	-5.6	89.4	26.99	87.7	25.55	86.0	24.11	85.2	23.50	83.5	22.89	81.8	21.66
	-7.0	-7.6	84.5	25.98	82.9	24.60	81.3	23.21	80.5	22.62	78.9	22.03	77.3	20.85
	-10.0	-10.5	77.5	24.48	76.0	23.17	74.5	21.87	73.8	21.31	72.3	20.75	70.8	19.63
	-14.5	-15.0	66.5	22.02	65.2	20.85	63.9	19.68	63.3	19.17	62.0	18.66	60.8	17.65
	-19.5	-20.0	54.7	19.39	53.6	18.36	52.6	17.33	52.1	16.88	51.0	16.43	50.0	15.53
	-22.8	-23.0	45.6	16.96	44.8	16.07	43.9	15.17	43.5	14.77	42.6	14.37	41.7	13.58
	-24.8	-25.0	39.6	15.24	38.9	14.43	38.1	13.63	37.7	13.27	37.0	12.91	36.2	12.19
	-27.4	-28.0	30.6	12.45	30.0	11.80	29.5	11.14	29.2	10.84	28.6	10.55	28.0	9.96
	-29.9	-30.0	24.6	10.43	24.1	9.88	23.7	9.33	23.4	9.08	23.0	8.83	22.5	8.34

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	89.7	24.72	88.0	23.39	86.3	22.07	85.5	21.52	83.8	20.97	82.0	19.88
	13.0	11.8	89.7	25.04	88.0	23.69	86.3	22.35	85.5	21.80	83.8	21.24	82.0	20.13
	11.0	9.8	89.7	25.39	88.0	24.03	86.3	22.67	85.5	22.10	83.8	21.54	82.0	20.42
	9.0	7.9	89.7	25.75	88.0	24.37	86.3	22.99	85.5	22.42	83.8	21.84	82.0	20.70
	8.3	6.1	89.7	26.11	88.0	24.71	86.3	23.31	85.5	22.73	83.8	22.14	82.0	20.98
	5.0	4.1	89.7	26.53	88.0	25.11	86.3	23.69	85.5	23.09	83.8	22.50	82.0	21.31
	2.5	1.7	89.7	27.07	88.0	25.62	86.3	24.17	85.5	23.57	83.8	22.96	82.0	21.75
	0.0	-0.7	84.9	25.83	83.3	24.45	81.7	23.07	80.9	22.49	79.2	21.91	77.6	20.74
	-3.0	-3.7	78.8	24.22	77.3	22.93	75.8	21.63	75.0	21.08	73.5	20.54	72.0	19.44
	-5.0	-5.6	74.9	23.38	73.4	22.13	72.0	20.89	71.3	20.35	69.9	19.82	68.5	18.76
	-7.0	-7.6	70.8	22.51	69.4	21.31	68.1	20.10	67.4	19.59	66.1	19.08	64.7	18.06
	-10.0	-10.5	64.8	21.20	63.6	20.07	62.4	18.94	61.8	18.46	60.5	17.97	59.3	17.00
	-14.5	-15.0	55.6	19.07	54.6	18.06	53.5	17.04	53.0	16.60	51.9	16.16	50.9	15.29
	-19.5	-20.0	45.8	16.80	44.9	15.90	44.0	15.01	43.6	14.62	42.7	14.23	41.8	13.45
	-22.8	-23.0	38.2	14.69	37.5	13.92	36.8	13.14	36.4	12.79	35.7	12.45	34.9	11.76
	-24.8	-25.0	33.2	13.20	32.6	12.50	31.9	11.80	31.6	11.49	31.0	11.18	30.3	10.56
	-27.4	-28.0	25.6	10.79	25.1	10.22	24.7	9.65	24.4	9.39	23.9	9.14	23.4	8.62
	-29.9	-30.0	20.6	9.04	20.2	8.56	19.8	8.08	19.6	7.87	19.2	7.65	18.8	7.22
80	15.0	13.7	79.8	21.74	78.2	20.57	76.7	19.41	76.0	18.93	74.4	18.45	72.9	17.49
	13.0	11.8	79.8	22.02	78.2	20.84	76.7	19.66	76.0	19.17	74.4	18.68	72.9	17.71
	11.0	9.8	79.8	22.33	78.2	21.13	76.7	19.94	76.0	19.44	74.4	18.94	72.9	17.95
	9.0	7.9	79.8	22.64	78.2	21.43	76.7	20.22	76.0	19.71	74.4	19.21	72.9	18.20
	8.3	6.1	79.8	22.96	78.2	21.73	76.7	20.50	76.0	19.99	74.4	19.47	72.9	18.45
	5.0	4.1	79.8	23.33	78.2	22.08	76.7	20.83	76.0	20.31	74.4	19.79	72.9	18.75
	2.5	1.7	79.8	23.81	78.2	22.53	76.7	21.26	76.0	20.73	74.4	20.19	72.9	19.12
	0.0	-0.7	75.5	22.72	74.0	21.50	72.6	20.29	71.9	19.78	70.4	19.27	69.0	18.24
	-3.0	-3.7	70.0	21.30	68.7	20.16	67.3	19.02	66.7	18.54	65.3	18.06	64.0	17.10
	-5.0	-5.6	66.5	20.56	65.3	19.47	64.0	18.37	63.4	17.90	62.1	17.43	60.8	16.50
	-7.0	-7.6	62.9	19.79	61.7	18.74	60.5	17.68	59.9	17.23	58.7	16.78	57.5	15.88
	-10.0	-10.5	57.6	18.64	56.5	17.65	55.4	16.66	54.9	16.23	53.8	15.80	52.7	14.95
	-14.5	-15.0	49.5	16.77	48.5	15.88	47.6	14.99	47.1	14.60	46.2	14.22	45.2	13.44
	-19.5	-20.0	40.7	14.77	39.9	13.99	39.1	13.20	38.7	12.86	38.0	12.52	37.2	11.83
	-22.8	-23.0	34.0	12.92	33.3	12.24	32.7	11.55	32.4	11.25	31.7	10.95	31.1	10.34
	-24.8	-25.0	29.5	11.61	28.9	10.99	28.4	10.38	28.1	10.11	27.5	9.83	27.0	9.29
	-27.4	-28.0	22.8	9.49	22.4	8.99	21.9	8.48	21.7	8.26	21.3	8.03	20.8	7.59
	-29.9	-30.0	18.3	7.95	18.0	7.53	17.6	7.11	17.4	6.92	17.1	6.73	16.7	6.35
70	15.0	13.7	69.8	18.82	68.5	17.81	67.1	16.80	66.5	16.39	65.1	15.97	63.8	15.14
	13.0	11.8	69.8	19.07	68.5	18.04	67.1	17.02	66.5	16.60	65.1	16.17	63.8	15.33
	11.0	9.8	69.8	19.33	68.5	18.30	67.1	17.26	66.5	16.83	65.1	16.40	63.8	15.54
	9.0	7.9	69.8	19.61	68.5	18.55	67.1	17.50	66.5	17.07	65.1	16.63	63.8	15.76
	8.3	6.1	69.8	19.88	68.5	18.81	67.1	17.75	66.5	17.30	65.1	16.86	63.8	15.98
	5.0	4.1	69.8	20.20	68.5	19.12	67.1	18.04	66.5	17.58	65.1	17.13	63.8	16.23
	2.5	1.7	69.8	20.61	68.5	19.51	67.1	18.41	66.5	17.94	65.1	17.48	63.8	16.56
	0.0	-0.7	66.0	19.67	64.8	18.62	63.5	17.57	62.9	17.12	61.6	16.68	60.4	15.80
	-3.0	-3.7	61.3	18.44	60.1	17.46	58.9	16.47	58.3	16.05	57.2	15.64	56.0	14.80
	-5.0	-5.6	58.2	17.80	57.1	16.85	56.0	15.90	55.5	15.50	54.3	15.10	53.2	14.29
	-7.0	-7.6	55.0	17.14	54.0	16.22	53.0	15.31	52.4	14.92	51.4	14.53	50.3	13.75
	-10.0	-10.5	50.4	16.14	49.5	15.28	48.5	14.42	48.0	14.05	47.1	13.68	46.1	12.95
	-14.5	-15.0	43.3	14.52	42.4	13.75	41.6	12.98	41.2	12.64	40.4	12.31	39.6	11.64
	-19.5	-20.0	35.6	12.79	34.9	12.11	34.2	11.43	33.9	11.13	33.2	10.84	32.5	10.24
	-22.8	-23.0	29.7	11.19	29.2	10.60	28.6	10.00	28.3	9.74	27.7	9.48	27.2	8.95
	-24.8	-25.0	25.8	10.05	25.3	9.52	24.8	8.99	24.6	8.75	24.1	8.51	23.6	8.04
	-27.4	-28.0	19.9	8.21	19.6	7.78	19.2	7.35	19.0	7.15	18.6	6.96	18.2	6.57
	-29.9	-30.0	16.0	6.88	15.7	6.52	15.4	6.15	15.3	5.99	15.0	5.83	14.7	5.50

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP3121FT6P-UL/MMY-UP3121FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	108.0	30.40	106.0	28.77	103.9	27.13	102.9	26.46	100.8	25.79	98.8	24.45
	13.0	11.8	108.0	30.79	106.0	29.14	103.9	27.48	102.9	26.80	100.8	26.12	98.8	24.76
	11.0	9.8	108.0	31.23	106.0	29.55	103.9	27.87	102.9	27.18	100.8	26.49	98.8	25.10
	9.0	7.9	108.0	31.66	106.0	29.97	103.9	28.27	102.9	27.56	100.8	26.86	98.8	25.45
	8.3	6.1	108.0	32.10	106.0	30.38	103.9	28.66	102.9	27.95	100.8	27.23	98.8	25.80
	5.0	4.1	104.1	30.77	102.1	29.12	100.1	27.47	99.1	26.79	97.2	26.10	95.2	24.72
	2.5	1.7	99.4	29.19	97.5	27.63	95.7	26.06	94.7	25.41	92.8	24.75	90.9	23.45
	0.0	-0.7	94.8	28.43	93.0	26.91	91.2	25.39	90.3	24.75	88.5	24.11	86.6	22.83
	-3.0	-3.7	88.9	27.49	87.2	26.02	85.6	24.55	84.7	23.93	83.0	23.31	81.3	22.06
	-5.0	-5.6	85.2	26.88	83.6	25.45	82.0	24.01	81.2	23.40	79.6	22.79	77.9	21.58
	-7.0	-7.6	81.4	26.24	79.8	24.84	78.3	23.44	77.5	22.85	75.9	22.25	74.4	21.06
	-10.0	-10.5	75.7	25.30	74.3	23.95	72.8	22.61	72.1	22.03	70.7	21.45	69.2	20.29
	-14.5	-15.0	67.0	23.81	65.7	22.54	64.4	21.27	63.8	20.72	62.5	20.18	61.2	19.08
	-19.5	-20.0	55.1	21.10	54.0	19.98	53.0	18.86	52.5	18.37	51.4	17.88	50.4	16.90
	-22.8	-23.0	46.9	18.80	46.0	17.81	45.1	16.81	44.6	16.37	43.7	15.93	42.9	15.05
	-24.8	-25.0	41.4	17.17	40.6	16.26	39.8	15.35	39.4	14.95	38.6	14.55	37.8	13.74
	-27.4	-28.0	33.2	14.55	32.6	13.78	31.9	13.01	31.6	12.66	31.0	12.32	30.3	11.63
	-29.9	-30.0	27.7	12.64	27.2	11.97	26.7	11.31	26.4	11.01	25.9	10.71	25.3	10.10
110	15.0	13.7	110.2	30.54	108.1	28.90	106.0	27.26	104.9	26.59	102.8	25.91	100.7	24.56
	13.0	11.8	110.2	30.93	108.1	29.27	106.0	27.61	104.9	26.93	102.8	26.24	100.7	24.87
	11.0	9.8	110.2	31.37	108.1	29.69	106.0	28.00	104.9	27.31	102.8	26.61	100.7	25.22
	9.0	7.9	110.2	31.81	108.1	30.11	106.0	28.40	104.9	27.69	102.8	26.98	100.7	25.57
	8.3	6.1	110.2	32.25	108.1	30.52	106.0	28.80	104.9	28.08	102.8	27.36	100.7	25.92
	5.0	4.1	106.2	30.91	104.2	29.26	102.1	27.60	101.1	26.91	99.1	26.22	97.1	24.84
	2.5	1.7	101.4	29.32	99.5	27.75	97.6	26.18	96.6	25.53	94.7	24.87	92.7	23.55
	0.0	-0.7	96.7	28.56	94.8	27.03	93.0	25.51	92.1	24.86	90.2	24.22	88.4	22.94
	-3.0	-3.7	90.7	27.62	89.0	26.14	87.3	24.66	86.4	24.04	84.7	23.42	82.9	22.17
	-5.0	-5.6	87.0	27.01	85.3	25.57	83.6	24.13	82.8	23.51	81.2	22.90	79.5	21.68
	-7.0	-7.6	83.0	26.37	81.4	24.96	79.8	23.55	79.0	22.95	77.5	22.35	75.9	21.15
	-10.0	-10.5	77.2	25.42	75.8	24.06	74.3	22.71	73.6	22.13	72.1	21.55	70.6	20.39
	-14.5	-15.0	68.3	23.92	67.0	22.64	65.7	21.37	65.1	20.82	63.8	20.27	62.5	19.17
	-19.5	-20.0	56.2	21.20	55.1	20.07	54.0	18.95	53.5	18.45	52.4	17.96	51.4	16.97
	-22.8	-23.0	47.8	18.89	46.9	17.89	46.0	16.89	45.5	16.44	44.6	16.00	43.7	15.12
	-24.8	-25.0	42.2	17.25	41.4	16.34	40.6	15.43	40.2	15.02	39.4	14.61	38.6	13.80
	-27.4	-28.0	33.8	14.61	33.2	13.84	32.6	13.07	32.2	12.72	31.6	12.38	30.9	11.68
	-29.9	-30.0	28.3	12.70	27.7	12.03	27.2	11.36	26.9	11.06	26.4	10.76	25.8	10.15
120	15.0	13.7	113.4	30.97	111.3	29.31	109.1	27.65	108.0	26.96	105.9	26.28	103.7	24.91
	13.0	11.8	113.4	31.37	111.3	29.69	109.1	28.00	108.0	27.31	105.9	26.61	103.7	25.23
	11.0	9.8	113.4	31.81	111.3	30.11	109.1	28.40	108.0	27.70	105.9	26.99	103.7	25.58
	9.0	7.9	113.4	32.26	111.3	30.53	109.1	28.80	108.0	28.08	105.9	27.37	103.7	25.93
	8.3	6.1	113.4	32.71	111.3	30.96	109.1	29.20	108.0	28.47	105.9	27.74	103.7	26.29
	5.0	4.1	109.3	31.35	107.2	29.67	105.1	27.99	104.1	27.29	102.0	26.59	99.9	25.19
	2.5	1.7	104.4	29.74	102.4	28.15	100.4	26.56	99.4	25.89	97.5	25.22	95.5	23.89
	0.0	-0.7	99.5	28.97	97.6	27.42	95.7	25.87	94.8	25.22	92.9	24.56	91.0	23.26
	-3.0	-3.7	93.4	28.01	91.6	26.51	89.8	25.01	88.9	24.38	87.2	23.75	85.4	22.48
	-5.0	-5.6	89.5	27.39	87.8	25.93	86.1	24.47	85.2	23.85	83.5	23.22	81.8	21.98
	-7.0	-7.6	85.4	26.74	83.8	25.31	82.2	23.89	81.4	23.28	79.7	22.67	78.1	21.45
	-10.0	-10.5	79.5	25.78	78.0	24.41	76.5	23.03	75.7	22.44	74.2	21.85	72.7	20.67
	-14.5	-15.0	70.3	24.25	69.0	22.96	67.6	21.67	67.0	21.12	65.6	20.56	64.3	19.44
	-19.5	-20.0	57.8	21.50	56.7	20.36	55.6	19.22	55.1	18.72	54.0	18.21	52.9	17.21
	-22.8	-23.0	49.2	19.16	48.3	18.14	47.3	17.13	46.9	16.68	45.9	16.23	45.0	15.33
	-24.8	-25.0	43.5	17.50	42.6	16.57	41.8	15.64	41.4	15.23	40.6	14.82	39.7	14.00
	-27.4	-28.0	34.8	14.82	34.2	14.04	33.5	13.25	33.2	12.90	32.5	12.55	31.9	11.85
	-29.9	-30.0	29.1	12.88	28.5	12.20	28.0	11.52	27.7	11.21	27.2	10.91	26.6	10.29
130	15.0	13.7	116.1	31.25	113.9	29.57	111.7	27.89	110.6	27.20	108.4	26.51	106.2	25.13
	13.0	11.8	116.1	31.65	113.9	29.95	111.7	28.25	110.6	27.55	108.4	26.85	106.2	25.45
	11.0	9.8	116.1	32.10	113.9	30.37	111.7	28.65	110.6	27.94	108.4	27.23	106.2	25.80
	9.0	7.9	116.1	32.55	113.9	30.80	111.7	29.06	110.6	28.33	108.4	27.61	106.2	26.16
	8.3	6.1	116.1	33.00	113.9	31.23	111.7	29.46	110.6	28.73	108.4	27.99	106.2	26.52
	5.0	4.1	111.9	31.63	109.8	29.93	107.7	28.24	106.6	27.53	104.5	26.83	102.3	25.41
	2.5	1.7	106.9	30.00	104.9	28.40	102.8	26.79	101.8	26.12	99.8	25.44	97.7	24.10
	0.0	-0.7	101.9	29.22	99.9	27.66	98.0	26.10	97.0	25.44	95.1	24.78	93.1	23.47
	-3.0	-3.7	95.6	28.25	93.8	26.74	92.0	25.24	91.1	24.60	89.2	23.96	87.4	22.68
	-5.0	-5.6	91.6	27.63	89.9	26.16	88.1	24.68	87.3	24.06	85.5	23.43	83.8	22.18
	-7.0	-7.6	87.5	26.98	85.8	25.54	84.1	24.10	83.3	23.48	81.6	22.87	80.0	21.64
	-10.0	-10.5	81.4	26.01	79.8	24.62	78.3	23.24	77.5	22.64	76.0	22.05	74.4	20.86
	-14.5	-15.0	72.0	24.47	70.6	23.17	69.2	21.87	68.6	21.30	67.2	20.74	65.8	19.61
	-19.5	-20.0	59.2	21.69	58.1	20.54	57.0	19.39	56.4	18.88	55.3	18.38	54.1	17.37
	-22.8	-23.0	50.4	19.33	49.4	18.30	48.5	17.28	48.0	16.83	47.0	16.37	46.1	15.47
	-24.8	-25.0	44.5	17.65	43.7	16.72	42.8	15.78	42.4	15.37	41.5	14.95	40.7	14.12
	-27.4	-28.0	35.7	14.95	35.0	14.16	34.3	13.37	34.0	13.02	33.3	12.66	32.6	11.95
	-29.9	-30.0	29.8	12.99	29.2	12.31	28.6	11.62	28.4	11.31	27.8	11.00	27.2	10.39

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	97.2	27.07	95.4	25.61	93.5	24.16	92.6	23.56	90.7	22.96	88.9	21.77
	13.0	11.8	97.2	27.41	95.4	25.94	93.5	24.47	92.6	23.86	90.7	23.26	88.9	22.04
	11.0	9.8	97.2	27.80	95.4	26.31	93.5	24.82	92.6	24.20	90.7	23.58	88.9	22.35
	9.0	7.9	97.2	28.19	95.4	26.68	93.5	25.17	92.6	24.54	90.7	23.91	88.9	22.66
	8.3	6.1	97.2	28.58	95.4	27.05	93.5	25.52	92.6	24.88	90.7	24.24	88.9	22.97
	5.0	4.1	93.7	27.40	91.9	25.93	90.1	24.46	89.2	23.85	87.4	23.24	85.7	22.01
	2.5	1.7	89.5	25.99	87.8	24.60	86.1	23.21	85.2	22.62	83.5	22.04	81.8	20.87
	0.0	-0.7	85.3	25.31	83.7	23.96	82.0	22.61	81.2	22.04	79.6	21.47	78.0	20.33
	-3.0	-3.7	80.0	24.47	78.5	23.17	77.0	21.86	76.2	21.31	74.7	20.75	73.2	19.65
	-5.0	-5.6	76.7	23.94	75.3	22.66	73.8	21.38	73.1	20.84	71.6	20.30	70.1	19.21
	-7.0	-7.6	73.2	23.37	71.8	22.12	70.4	20.87	69.7	20.34	68.3	19.81	66.9	18.75
	-10.0	-10.5	68.1	22.53	66.8	21.33	65.6	20.13	64.9	19.61	63.6	19.10	62.3	18.07
	-14.5	-15.0	60.3	21.20	59.1	20.07	58.0	18.94	57.4	18.45	56.3	17.96	55.1	16.99
	-19.5	-20.0	49.6	18.79	48.6	17.79	47.7	16.79	47.2	16.35	46.3	15.92	45.3	15.04
	-22.8	-23.0	42.2	16.74	41.4	15.85	40.6	14.97	40.2	14.57	39.4	14.18	38.6	13.40
	-24.8	-25.0	37.3	15.29	36.5	14.48	35.8	13.67	35.5	13.31	34.8	12.95	34.1	12.23
	-27.4	-28.0	29.9	12.95	29.3	12.27	28.7	11.58	28.4	11.27	27.9	10.97	27.3	10.35
	-29.9	-30.0	24.9	11.26	24.5	10.66	24.0	10.07	23.7	9.80	23.3	9.53	22.8	9.00
80	15.0	13.7	86.4	23.80	84.8	22.52	83.1	21.25	82.3	20.72	80.7	20.20	79.0	19.14
	13.0	11.8	86.4	24.11	84.8	22.81	83.1	21.52	82.3	20.99	80.7	20.45	79.0	19.39
	11.0	9.8	86.4	24.45	84.8	23.14	83.1	21.83	82.3	21.28	80.7	20.74	79.0	19.66
	9.0	7.9	86.4	24.79	84.8	23.46	83.1	22.13	82.3	21.58	80.7	21.03	79.0	19.93
	8.3	6.1	86.4	25.14	84.8	23.79	83.1	22.44	82.3	21.88	80.7	21.32	79.0	20.20
	5.0	4.1	83.3	24.09	81.7	22.80	80.1	21.51	79.3	20.97	77.7	20.44	76.1	19.36
	2.5	1.7	79.6	22.85	78.0	21.63	76.5	20.41	75.8	19.90	74.2	19.38	72.7	18.36
	0.0	-0.7	75.8	22.26	74.4	21.07	72.9	19.88	72.2	19.38	70.8	18.88	69.3	17.88
	-3.0	-3.7	71.2	21.52	69.8	20.37	68.4	19.22	67.8	18.74	66.4	18.25	65.1	17.28
	-5.0	-5.6	68.2	21.05	66.9	19.93	65.6	18.80	64.9	18.33	63.7	17.85	62.4	16.89
	-7.0	-7.6	65.1	20.55	63.8	19.45	62.6	18.36	62.0	17.89	60.7	17.42	59.5	16.49
	-10.0	-10.5	60.6	19.81	59.4	18.76	58.3	17.70	57.7	17.25	56.5	16.79	55.4	15.89
	-14.5	-15.0	53.6	18.64	52.6	17.65	51.5	16.66	51.0	16.23	50.0	15.80	49.0	14.94
	-19.5	-20.0	44.1	16.52	43.2	15.64	42.4	14.77	42.0	14.38	41.1	14.00	40.3	13.23
	-22.8	-23.0	37.5	14.72	36.8	13.94	36.1	13.16	35.7	12.82	35.0	12.47	34.3	11.78
	-24.8	-25.0	33.1	13.45	32.5	12.73	31.9	12.02	31.5	11.71	30.9	11.39	30.3	10.76
	-27.4	-28.0	26.5	11.39	26.0	10.79	25.5	10.19	25.3	9.92	24.8	9.65	24.3	9.11
	-29.9	-30.0	22.2	9.90	21.7	9.38	21.3	8.85	21.1	8.62	20.7	8.38	20.3	7.91
70	15.0	13.7	75.6	20.61	74.2	19.50	72.7	18.40	72.0	17.94	70.6	17.49	69.1	16.58
	13.0	11.8	75.6	20.87	74.2	19.75	72.7	18.63	72.0	18.17	70.6	17.71	69.1	16.79
	11.0	9.8	75.6	21.17	74.2	20.03	72.7	18.90	72.0	18.43	70.6	17.96	69.1	17.02
	9.0	7.9	75.6	21.47	74.2	20.31	72.7	19.16	72.0	18.69	70.6	18.21	69.1	17.25
	8.3	6.1	75.6	21.76	74.2	20.60	72.7	19.43	72.0	18.95	70.6	18.46	69.1	17.49
	5.0	4.1	72.9	20.86	71.5	19.74	70.1	18.63	69.4	18.16	68.0	17.69	66.6	16.76
	2.5	1.7	69.6	19.79	68.3	18.73	67.0	17.67	66.3	17.23	65.0	16.78	63.6	15.89
	0.0	-0.7	66.3	19.27	65.1	18.24	63.8	17.21	63.2	16.78	61.9	16.34	60.7	15.48
	-3.0	-3.7	62.3	18.63	61.1	17.64	59.9	16.64	59.3	16.22	58.1	15.80	56.9	14.96
	-5.0	-5.6	59.7	18.23	58.5	17.25	57.4	16.28	56.8	15.87	55.7	15.45	54.6	14.63
	-7.0	-7.6	57.0	17.79	55.9	16.84	54.8	15.89	54.2	15.49	53.2	15.08	52.1	14.27
	-10.0	-10.5	53.0	17.15	52.0	16.24	51.0	15.33	50.5	14.93	49.5	14.54	48.5	13.76
	-14.5	-15.0	46.9	16.14	46.0	15.28	45.1	14.42	44.6	14.05	43.8	13.68	42.9	12.93
	-19.5	-20.0	38.6	14.30	37.8	13.54	37.1	12.79	36.7	12.45	36.0	12.12	35.3	11.45
	-22.8	-23.0	32.8	12.75	32.2	12.07	31.6	11.40	31.2	11.10	30.6	10.80	30.0	10.20
	-24.8	-25.0	29.0	11.64	28.4	11.03	27.9	10.41	27.6	10.14	27.0	9.86	26.5	9.31
	-27.4	-28.0	23.2	9.86	22.8	9.34	22.3	8.82	22.1	8.58	21.7	8.35	21.2	7.88
	-29.9	-30.0	19.4	8.57	19.0	8.12	18.7	7.67	18.5	7.46	18.1	7.26	17.7	6.85

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP3361FT6P-UL/MMY-UP3361FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	116.3	34.00	114.1	32.18	111.9	30.35	110.8	29.60	108.6	28.85	106.4	27.35
	13.0	11.8	116.3	34.44	114.1	32.59	111.9	30.74	110.8	29.98	108.6	29.22	106.4	27.70
	11.0	9.8	116.3	34.93	114.1	33.05	111.9	31.18	110.8	30.41	108.6	29.63	106.4	28.08
	9.0	7.9	116.3	35.42	114.1	33.52	111.9	31.62	110.8	30.83	108.6	30.04	106.4	28.47
	8.3	6.1	116.3	35.80	114.1	33.98	111.9	32.06	110.8	31.26	108.6	30.46	106.4	28.86
	5.0	4.1	112.1	33.77	110.0	32.58	107.8	30.73	106.8	29.96	104.6	29.19	102.5	27.66
	2.5	1.7	107.1	31.39	105.0	30.90	103.0	29.15	102.0	28.42	99.9	27.69	97.9	26.23
	0.0	-0.7	102.1	31.53	100.1	30.10	98.2	28.40	97.2	27.68	95.3	26.97	93.3	25.54
	-3.0	-3.7	95.8	30.75	94.0	29.10	92.1	27.46	91.2	26.77	89.4	26.07	87.6	24.68
	-5.0	-5.6	91.8	30.07	90.1	28.47	88.3	26.86	87.4	26.18	85.7	25.50	83.9	24.13
	-7.0	-7.6	87.6	29.36	85.9	27.79	84.3	26.22	83.4	25.56	81.8	24.89	80.1	23.55
	-10.0	-10.5	81.5	28.30	80.0	26.79	78.4	25.29	77.7	24.64	76.1	23.99	74.6	22.70
	-14.5	-15.0	72.1	26.63	70.7	25.21	69.4	23.80	68.7	23.18	67.3	22.57	65.9	21.34
	-19.5	-20.0	59.3	23.60	58.2	22.35	57.1	21.10	56.5	20.55	55.4	20.00	54.2	18.90
	-22.8	-23.0	50.5	21.03	49.5	19.92	48.6	18.80	48.1	18.31	47.1	17.82	46.2	16.83
	-24.8	-25.0	44.6	19.21	43.7	18.19	42.9	17.18	42.5	16.72	41.6	16.27	40.8	15.37
	-27.4	-28.0	35.7	16.27	35.1	15.41	34.4	14.55	34.0	14.16	33.4	13.78	32.7	13.01
	-29.9	-30.0	29.8	14.14	29.3	13.39	28.7	12.65	28.4	12.31	27.8	11.97	27.3	11.30
110	15.0	13.7	118.7	34.16	116.4	32.33	114.1	30.49	113.0	29.74	110.7	28.98	108.5	27.48
	13.0	11.8	118.7	34.60	116.4	32.74	114.1	30.89	113.0	30.12	110.7	29.36	108.5	27.82
	11.0	9.8	118.7	35.09	116.4	33.21	114.1	31.33	113.0	30.55	110.7	29.77	108.5	28.21
	9.0	7.9	118.7	35.58	116.4	33.67	114.1	31.77	113.0	30.98	110.7	30.18	108.5	28.60
	8.3	6.1	118.7	35.97	116.4	34.14	114.1	32.21	113.0	31.41	110.7	30.60	108.5	28.99
	5.0	4.1	114.4	33.93	112.2	32.73	110.0	30.88	108.9	30.10	106.7	29.33	104.6	27.78
	2.5	1.7	109.2	31.53	107.1	31.04	105.1	29.29	104.0	28.55	101.9	27.82	99.9	26.35
	0.0	-0.7	104.1	31.68	102.1	30.24	100.1	28.53	99.1	27.81	97.2	27.09	95.2	25.66
	-3.0	-3.7	97.7	30.89	95.8	29.24	94.0	27.59	93.0	26.89	91.2	26.19	89.3	24.80
	-5.0	-5.6	93.6	30.21	91.9	28.60	90.1	26.99	89.2	26.30	87.4	25.62	85.6	24.25
	-7.0	-7.6	89.4	29.49	87.7	27.92	86.0	26.35	85.1	25.67	83.4	25.00	81.7	23.66
	-10.0	-10.5	83.2	28.43	81.6	26.92	80.0	25.40	79.2	24.75	77.6	24.10	76.0	22.80
	-14.5	-15.0	73.6	26.75	72.2	25.33	70.8	23.91	70.1	23.29	68.7	22.67	67.3	21.44
	-19.5	-20.0	60.5	23.71	59.4	22.45	58.2	21.19	57.6	20.64	56.5	20.09	55.3	18.99
	-22.8	-23.0	51.5	21.13	50.5	20.01	49.5	18.89	49.0	18.39	48.1	17.90	47.1	16.91
	-24.8	-25.0	45.5	19.30	44.6	18.28	43.7	17.25	43.3	16.80	42.4	16.35	41.6	15.44
	-27.4	-28.0	36.4	16.35	35.8	15.48	35.1	14.62	34.7	14.23	34.0	13.84	33.3	13.07
	-29.9	-30.0	30.4	14.21	29.9	13.46	29.3	12.71	29.0	12.37	28.4	12.03	27.8	11.35
120	15.0	13.7	122.1	34.65	119.8	32.78	117.5	30.92	116.3	30.16	114.0	29.39	111.7	27.87
	13.0	11.8	122.1	35.09	119.8	33.21	117.5	31.32	116.3	30.55	114.0	29.77	111.7	28.22
	11.0	9.8	122.1	35.59	119.8	33.68	117.5	31.77	116.3	30.98	114.0	30.19	111.7	28.61
	9.0	7.9	122.1	36.09	119.8	34.15	117.5	32.22	116.3	31.41	114.0	30.61	111.7	29.01
	8.3	6.1	122.1	36.48	119.8	34.63	117.5	32.67	116.3	31.85	114.0	31.03	111.7	29.40
	5.0	4.1	117.7	34.41	115.5	33.19	113.2	31.31	112.1	30.53	109.9	29.74	107.6	28.18
	2.5	1.7	112.4	31.98	110.3	31.48	108.2	29.70	107.1	28.96	104.9	28.21	102.8	26.72
	0.0	-0.7	107.2	32.13	105.1	30.67	103.1	28.94	102.1	28.21	100.0	27.48	98.0	26.02
	-3.0	-3.7	100.6	31.33	98.7	29.65	96.7	27.98	95.8	27.27	93.9	26.56	92.0	25.15
	-5.0	-5.6	96.4	30.64	94.6	29.00	92.7	27.37	91.8	26.67	90.0	25.98	88.1	24.59
	-7.0	-7.6	92.0	29.91	90.2	28.31	88.5	26.72	87.6	26.04	85.9	25.36	84.1	24.00
	-10.0	-10.5	85.6	28.84	84.0	27.30	82.4	25.76	81.5	25.10	79.9	24.44	78.3	23.13
	-14.5	-15.0	75.7	27.13	74.3	25.69	72.8	24.24	72.1	23.62	70.7	22.99	69.2	21.74
	-19.5	-20.0	62.3	24.05	61.1	22.77	59.9	21.49	59.3	20.93	58.1	20.37	57.0	19.26
	-22.8	-23.0	53.0	21.43	52.0	20.29	51.0	19.16	50.5	18.66	49.5	18.15	48.5	17.15
	-24.8	-25.0	46.8	19.57	45.9	18.54	45.0	17.50	44.6	17.04	43.7	16.58	42.8	15.66
	-27.4	-28.0	37.5	16.58	36.8	15.70	36.1	14.82	35.7	14.43	35.0	14.04	34.3	13.25
	-29.9	-30.0	31.3	14.41	30.7	13.65	30.1	12.89	29.8	12.54	29.2	12.20	28.6	11.51
130	15.0	13.7	125.0	34.95	122.7	33.07	120.3	31.20	119.1	30.43	116.7	29.65	114.3	28.11
	13.0	11.8	125.0	35.40	122.7	33.50	120.3	31.60	119.1	30.82	116.7	30.03	114.3	28.47
	11.0	9.8	125.0	35.90	122.7	33.98	120.3	32.05	119.1	31.25	116.7	30.46	114.3	28.86
	9.0	7.9	125.0	36.41	122.7	34.45	120.3	32.50	119.1	31.69	116.7	30.88	114.3	29.26
	8.3	6.1	125.0	36.80	122.7	34.93	120.3	32.95	119.1	32.13	116.7	31.31	114.3	29.66
	5.0	4.1	120.5	34.71	118.2	33.48	115.9	31.59	114.8	30.80	112.5	30.01	110.2	28.43
	2.5	1.7	115.1	32.26	112.9	31.76	110.7	29.97	109.6	29.21	107.4	28.46	105.3	26.96
	0.0	-0.7	109.7	32.41	107.6	30.94	105.5	29.19	104.5	28.46	102.4	27.72	100.3	26.25
	-3.0	-3.7	103.0	31.60	101.0	29.92	99.0	28.23	98.1	27.51	96.1	26.80	94.1	25.37
	-5.0	-5.6	98.7	30.91	96.8	29.26	94.9	27.61	94.0	26.91	92.1	26.21	90.2	24.81
	-7.0	-7.6	94.2	30.17	92.4	28.56	90.6	26.95	89.7	26.27	87.9	25.58	86.1	24.21
	-10.0	-10.5	87.7	29.09	86.0	27.54	84.3	25.99	83.5	25.33	81.8	24.66	80.1	23.33
	-14.5	-15.0	77.5	27.37	76.1	25.91	74.6	24.46	73.8	23.83	72.4	23.20	70.9	21.94
	-19.5	-20.0	63.8	24.26	62.6	22.97	61.3	21.68	60.7	21.12	59.5	20.55	58.3	19.43
	-22.8	-23.0	54.3	21.62	53.2	20.47	52.2	19.33	51.7	18.82	50.6	18.31	49.6	17.30
	-24.8	-25.0	47.9	19.74	47.0	18.70	46.1	17.65	45.6	17.19	44.7	16.72	43.8	15.80
	-27.4	-28.0	38.4	16.72	37.7	15.84	37.0	14.96	36.6	14.56	35.9	14.16	35.1	13.37
	-29.9	-30.0	32.1	14.54	31.5	13.77	30.9	13.00	30.5	12.65	29.9	12.31	29.3	11.62

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	104.7	30.27	102.7	28.65	100.7	27.02	99.7	26.35	97.7	25.69	95.7	24.35
	13.0	11.8	104.7	30.66	102.7	29.02	100.7	27.37	99.7	26.69	97.7	26.02	95.7	24.66
	11.0	9.8	104.7	31.10	102.7	29.43	100.7	27.76	99.7	27.07	97.7	26.38	95.7	25.00
	9.0	7.9	104.7	31.53	102.7	29.84	100.7	28.15	99.7	27.45	97.7	26.75	95.7	25.35
	8.3	6.1	104.7	31.87	102.7	30.26	100.7	28.54	99.7	27.83	97.7	27.12	95.7	25.69
	5.0	4.1	100.9	30.07	99.0	29.00	97.1	27.36	96.1	26.68	94.2	25.99	92.3	24.62
	2.5	1.7	96.4	27.95	94.5	27.51	92.7	25.96	91.8	25.30	90.0	24.65	88.1	23.35
	0.0	-0.7	91.9	28.08	90.1	26.80	88.4	25.29	87.5	24.65	85.7	24.01	84.0	22.74
	-3.0	-3.7	86.2	27.38	84.6	25.91	82.9	24.45	82.1	23.83	80.5	23.21	78.8	21.97
	-5.0	-5.6	82.6	26.77	81.0	25.35	79.5	23.92	78.7	23.31	77.1	22.70	75.5	21.49
	-7.0	-7.6	78.9	26.14	77.4	24.74	75.9	23.35	75.1	22.75	73.6	22.16	72.1	20.97
	-10.0	-10.5	73.4	25.20	72.0	23.86	70.6	22.51	69.9	21.94	68.5	21.36	67.1	20.21
	-14.5	-15.0	64.9	23.71	63.7	22.45	62.4	21.19	61.8	20.64	60.6	20.09	59.3	19.00
	-19.5	-20.0	53.4	21.01	52.4	19.90	51.4	18.78	50.9	18.29	49.8	17.80	48.8	16.83
	-22.8	-23.0	45.4	18.73	44.6	17.73	43.7	16.74	43.3	16.30	42.4	15.86	41.5	14.99
	-24.8	-25.0	40.1	17.10	39.4	16.20	38.6	15.29	38.2	14.89	37.4	14.49	36.7	13.68
	-27.4	-28.0	32.2	14.49	31.5	13.72	30.9	12.95	30.6	12.61	30.0	12.27	29.4	11.58
	-29.9	-30.0	26.9	12.59	26.3	11.93	25.8	11.26	25.6	10.96	25.1	10.66	24.6	10.06
80	15.0	13.7	93.1	26.63	91.3	25.20	89.5	23.77	88.6	23.18	86.9	22.59	85.1	21.41
	13.0	11.8	93.1	26.97	91.3	25.52	89.5	24.07	88.6	23.48	86.9	22.88	85.1	21.69
	11.0	9.8	93.1	27.35	91.3	25.88	89.5	24.41	88.6	23.81	86.9	23.20	85.1	21.99
	9.0	7.9	93.1	27.73	91.3	26.25	89.5	24.76	88.6	24.14	86.9	23.53	85.1	22.29
	8.3	6.1	93.1	28.03	91.3	26.61	89.5	25.10	88.6	24.48	86.9	23.85	85.1	22.60
	5.0	4.1	89.7	26.44	88.0	25.51	86.3	24.06	85.4	23.46	83.7	22.86	82.0	21.65
	2.5	1.7	85.7	24.58	84.0	24.20	82.4	22.83	81.6	22.25	80.0	21.68	78.3	20.53
	0.0	-0.7	81.7	24.69	80.1	23.57	78.5	22.24	77.8	21.68	76.2	21.12	74.7	20.00
	-3.0	-3.7	76.6	24.08	75.2	22.79	73.7	21.50	73.0	20.96	71.5	20.41	70.1	19.33
	-5.0	-5.6	73.4	23.55	72.0	22.29	70.6	21.03	69.9	20.50	68.5	19.96	67.1	18.90
	-7.0	-7.6	70.1	22.99	68.8	21.76	67.4	20.53	66.8	20.01	65.4	19.49	64.1	18.44
	-10.0	-10.5	65.2	22.16	64.0	20.98	62.7	19.80	62.1	19.29	60.9	18.79	59.6	17.77
	-14.5	-15.0	57.7	20.85	56.6	19.74	55.5	18.63	54.9	18.15	53.9	17.67	52.8	16.71
	-19.5	-20.0	47.5	18.48	46.6	17.50	45.7	16.52	45.2	16.09	44.3	15.66	43.4	14.80
	-22.8	-23.0	40.4	16.47	39.6	15.60	38.8	14.72	38.5	14.34	37.7	13.95	36.9	13.18
	-24.8	-25.0	35.7	15.04	35.0	14.24	34.3	13.45	34.0	13.09	33.3	12.74	32.6	12.03
	-27.4	-28.0	28.6	12.74	28.0	12.07	27.5	11.39	27.2	11.09	26.7	10.79	26.1	10.19
	-29.9	-30.0	23.9	11.07	23.4	10.49	23.0	9.90	22.7	9.64	22.3	9.38	21.8	8.85
70	15.0	13.7	81.4	23.05	79.9	21.81	78.3	20.58	77.5	20.07	76.0	19.56	74.4	18.54
	13.0	11.8	81.4	23.35	79.9	22.10	78.3	20.84	77.5	20.33	76.0	19.81	74.4	18.78
	11.0	9.8	81.4	23.68	79.9	22.41	78.3	21.14	77.5	20.61	76.0	20.09	74.4	19.04
	9.0	7.9	81.4	24.01	79.9	22.72	78.3	21.44	77.5	20.90	76.0	20.37	74.4	19.30
	8.3	6.1	81.4	24.27	79.9	23.04	78.3	21.74	77.5	21.19	76.0	20.65	74.4	19.56
	5.0	4.1	78.5	22.89	77.0	22.08	75.5	20.83	74.7	20.31	73.2	19.79	71.8	18.75
	2.5	1.7	75.0	21.28	73.5	20.95	72.1	19.76	71.4	19.27	70.0	18.77	68.5	17.78
	0.0	-0.7	71.4	21.38	70.1	20.41	68.7	19.25	68.0	18.77	66.7	18.28	65.3	17.31
	-3.0	-3.7	67.0	20.84	65.8	19.73	64.5	18.62	63.9	18.15	62.6	17.67	61.3	16.73
	-5.0	-5.6	64.3	20.39	63.0	19.30	61.8	18.21	61.2	17.75	60.0	17.29	58.8	16.36
	-7.0	-7.6	61.3	19.90	60.2	18.84	59.0	17.78	58.4	17.33	57.2	16.87	56.1	15.97
	-10.0	-10.5	57.1	19.19	56.0	18.16	54.9	17.14	54.4	16.70	53.3	16.26	52.2	15.39
	-14.5	-15.0	50.5	18.05	49.5	17.09	48.6	16.13	48.1	15.72	47.1	15.30	46.2	14.47
	-19.5	-20.0	41.5	16.00	40.7	15.15	39.9	14.30	39.6	13.93	38.8	13.56	38.0	12.81
	-22.8	-23.0	35.3	14.26	34.7	13.50	34.0	12.75	33.7	12.41	33.0	12.08	32.3	11.41
	-24.8	-25.0	31.2	13.02	30.6	12.33	30.0	11.64	29.7	11.34	29.1	11.03	28.5	10.42
	-27.4	-28.0	25.0	11.03	24.5	10.45	24.1	9.86	23.8	9.60	23.3	9.34	22.9	8.82
	-29.9	-30.0	20.9	9.59	20.5	9.08	20.1	8.57	19.9	8.35	19.5	8.12	19.1	7.66

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP3601FT6P-UL/MMY-UP3601FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	124.6	36.74	122.3	34.76	119.9	32.79	118.7	31.98	116.3	31.17	114.0	29.55
	13.0	11.8	124.6	37.21	122.3	35.21	119.9	33.21	118.7	32.39	116.3	31.57	114.0	29.92
	11.0	9.8	124.6	37.73	122.3	35.71	119.9	33.69	118.7	32.85	116.3	32.01	114.0	30.34
	9.0	7.9	124.6	38.26	122.3	36.21	119.9	34.16	118.7	33.31	116.3	32.46	114.0	30.76
	8.3	6.1	124.6	38.80	122.3	36.72	119.9	34.64	118.7	33.77	116.3	32.91	114.0	31.18
	5.0	4.1	120.1	37.19	117.8	35.19	115.5	33.20	114.4	32.37	112.1	31.54	109.8	29.88
	2.5	1.7	114.7	35.27	112.6	33.38	110.4	31.50	109.3	30.71	107.1	29.92	104.9	28.33
	0.0	-0.7	109.4	34.36	107.3	32.52	105.2	30.68	104.1	29.91	102.1	29.14	100.0	27.59
	-3.0	-3.7	102.6	33.22	100.7	31.44	98.7	29.67	97.7	28.92	95.8	28.17	93.8	26.67
	-5.0	-5.6	98.4	32.49	96.5	30.75	94.6	29.02	93.7	28.28	91.8	27.55	89.9	26.07
	-7.0	-7.6	93.9	31.71	92.1	30.02	90.3	28.33	89.4	27.61	87.6	26.89	85.8	25.45
	-10.0	-10.5	87.4	30.58	85.7	28.95	84.0	27.32	83.2	26.62	81.5	25.92	79.9	24.52
	-14.5	-15.0	77.3	28.77	75.8	27.24	74.3	25.71	73.6	25.05	72.1	24.38	70.6	23.06
	-19.5	-20.0	63.6	25.50	62.4	24.14	61.1	22.79	60.5	22.20	59.3	21.60	58.1	20.42
	-22.8	-23.0	54.1	22.72	53.1	21.52	52.0	20.31	51.5	19.78	50.5	19.25	49.4	18.18
	-24.8	-25.0	47.8	20.75	46.9	19.65	45.9	18.56	45.5	18.07	44.6	17.58	43.7	16.60
	-27.4	-28.0	38.3	17.58	37.6	16.65	36.8	15.72	36.5	15.30	35.7	14.89	35.0	14.05
	-29.9	-30.0	32.0	15.28	31.4	14.47	30.8	13.66	30.4	13.30	29.8	12.94	29.2	12.21
110	15.0	13.7	127.1	36.91	124.7	34.93	122.3	32.94	121.1	32.13	118.7	31.31	116.2	29.68
	13.0	11.8	127.1	37.38	124.7	35.38	122.3	33.37	121.1	32.54	118.7	31.72	116.2	30.06
	11.0	9.8	127.1	37.91	124.7	35.88	122.3	33.84	121.1	33.00	118.7	32.16	116.2	30.48
	9.0	7.9	127.1	38.44	124.7	36.38	122.3	34.32	121.1	33.47	118.7	32.61	116.2	30.90
	8.3	6.1	127.1	38.98	124.7	36.89	122.3	34.80	121.1	33.93	118.7	33.06	116.2	31.32
	5.0	4.1	122.5	37.36	120.2	35.36	117.9	33.36	116.7	32.52	114.4	31.69	112.0	30.02
	2.5	1.7	117.0	35.44	114.8	33.54	112.6	31.64	111.5	30.85	109.2	30.05	107.0	28.46
	0.0	-0.7	111.5	34.52	109.4	32.67	107.3	30.83	106.2	30.05	104.1	29.27	102.0	27.72
	-3.0	-3.7	104.7	33.37	102.7	31.59	100.7	29.81	99.7	29.05	97.7	28.30	95.7	26.79
	-5.0	-5.6	100.3	32.64	98.4	30.90	96.5	29.16	95.6	28.42	93.6	27.68	91.7	26.19
	-7.0	-7.6	95.8	31.86	93.9	30.16	92.1	28.46	91.2	27.74	89.4	27.01	87.5	25.56
	-10.0	-10.5	89.1	30.72	87.4	29.08	85.7	27.45	84.9	26.74	83.2	26.04	81.5	24.64
	-14.5	-15.0	78.8	28.90	77.3	27.37	75.8	25.83	75.1	25.16	73.6	24.50	72.1	23.16
	-19.5	-20.0	64.8	25.62	63.6	24.26	62.4	22.90	61.7	22.30	60.5	21.71	59.3	20.51
	-22.8	-23.0	55.2	22.83	54.1	21.62	53.1	20.41	52.5	19.87	51.5	19.34	50.4	18.27
	-24.8	-25.0	48.7	20.85	47.8	19.75	46.9	18.64	46.4	18.15	45.5	17.66	44.5	16.68
	-27.4	-28.0	39.1	17.66	38.3	16.73	37.6	15.79	37.2	15.37	36.4	14.96	35.7	14.12
	-29.9	-30.0	32.6	15.35	32.0	14.54	31.4	13.73	31.1	13.36	30.4	13.00	29.8	12.27
120	15.0	13.7	130.9	37.43	128.4	35.42	125.9	33.41	124.6	32.58	122.1	31.76	119.6	30.11
	13.0	11.8	130.9	37.91	128.4	35.88	125.9	33.84	124.6	33.00	122.1	32.16	119.6	30.49
	11.0	9.8	130.9	38.45	128.4	36.38	125.9	34.32	124.6	33.47	122.1	32.62	119.6	30.91
	9.0	7.9	130.9	38.99	128.4	36.90	125.9	34.81	124.6	33.94	122.1	33.07	119.6	31.34
	8.3	6.1	130.9	39.53	128.4	37.41	125.9	35.29	124.6	34.41	122.1	33.53	119.6	31.77
	5.0	4.1	126.1	37.89	123.7	35.86	121.3	33.83	120.1	32.98	117.7	32.14	115.3	30.44
	2.5	1.7	120.5	35.94	118.2	34.01	115.9	32.09	114.7	31.29	112.4	30.48	110.1	28.87
	0.0	-0.7	114.8	35.01	112.6	33.13	110.4	31.26	109.4	30.47	107.2	29.69	105.0	28.11
	-3.0	-3.7	107.8	33.85	105.7	32.04	103.6	30.23	102.6	29.46	100.6	28.70	98.5	27.17
	-5.0	-5.6	103.3	33.10	101.3	31.34	99.3	29.57	98.4	28.82	96.4	28.07	94.4	26.57
	-7.0	-7.6	98.6	32.31	96.7	30.59	94.8	28.87	93.9	28.13	92.0	27.40	90.1	25.93
	-10.0	-10.5	91.7	31.15	90.0	29.49	88.2	27.83	87.4	27.12	85.6	26.41	83.9	24.98
	-14.5	-15.0	81.1	29.31	79.6	27.75	78.0	26.19	77.3	25.52	75.7	24.84	74.2	23.49
	-19.5	-20.0	66.7	25.98	65.5	24.60	64.2	23.22	63.6	22.62	62.3	22.01	61.0	20.80
	-22.8	-23.0	56.8	23.15	55.7	21.92	54.6	20.70	54.1	20.15	53.0	19.61	51.9	18.53
	-24.8	-25.0	50.2	21.14	49.2	20.03	48.2	18.91	47.8	18.41	46.8	17.91	45.9	16.92
	-27.4	-28.0	40.2	17.91	39.4	16.96	38.7	16.02	38.3	15.59	37.5	15.17	36.8	14.32
	-29.9	-30.0	33.6	15.57	32.9	14.74	32.3	13.92	32.0	13.55	31.3	13.18	30.7	12.44
130	15.0	13.7	134.0	37.76	131.4	35.73	128.9	33.71	127.6	32.87	125.0	32.04	122.5	30.37
	13.0	11.8	134.0	38.25	131.4	36.19	128.9	34.14	127.6	33.29	125.0	32.45	122.5	30.76
	11.0	9.8	134.0	38.79	131.4	36.71	128.9	34.63	127.6	33.77	125.0	32.91	122.5	31.18
	9.0	7.9	134.0	39.33	131.4	37.22	128.9	35.11	127.6	34.24	125.0	33.37	122.5	31.62
	8.3	6.1	134.0	39.88	131.4	37.74	128.9	35.60	127.6	34.71	125.0	33.83	122.5	32.05
	5.0	4.1	129.1	38.22	126.7	36.18	124.2	34.13	123.0	33.27	120.5	32.42	118.1	30.71
	2.5	1.7	123.3	36.26	121.0	34.32	118.6	32.38	117.5	31.56	115.1	30.75	112.8	29.12
	0.0	-0.7	117.6	35.32	115.3	33.43	113.1	31.54	112.0	30.74	109.7	29.95	107.5	28.36
	-3.0	-3.7	110.3	34.14	108.2	32.32	106.1	30.50	105.1	29.72	103.0	28.95	100.9	27.41
	-5.0	-5.6	105.7	33.40	103.7	31.61	101.7	29.83	100.7	29.07	98.7	28.32	96.7	26.80
	-7.0	-7.6	100.9	32.60	99.0	30.86	97.1	29.12	96.1	28.38	94.2	27.64	92.3	26.15
	-10.0	-10.5	93.9	31.43	92.1	29.75	90.3	28.08	89.4	27.36	87.7	26.64	85.9	25.21
	-14.5	-15.0	83.1	29.57	81.5	28.00	79.9	26.43	79.1	25.74	77.5	25.06	75.9	23.70
	-19.5	-20.0	68.3	26.21	67.0	24.82	65.7	23.43	65.1	22.82	63.8	22.21	62.5	20.99
	-22.8	-23.0	58.1	23.36	57.0	22.12	55.9	20.88	55.4	20.33	54.3	19.79	53.2	18.69
	-24.8	-25.0	51.3	21.33	50.4	20.20	49.4	19.07	48.9	18.57	47.9	18.07	46.9	17.07
	-27.4	-28.0	41.2	18.07	40.4	17.11	39.6	16.16	39.2	15.73	38.4	15.30	37.6	14.45
	-29.9	-30.0	34.4	15.70	33.7	14.87	33.1	14.05	32.7	13.67	32.1	13.30	31.4	12.55

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	112.2	32.71	110.0	30.95	107.9	29.20	106.8	28.47	104.7	27.75	102.6	26.31
	13.0	11.8	112.2	33.13	110.0	31.35	107.9	29.57	106.8	28.84	104.7	28.11	102.6	26.64
	11.0	9.8	112.2	33.60	110.0	31.79	107.9	29.99	106.8	29.25	104.7	28.50	102.6	27.01
	9.0	7.9	112.2	34.07	110.0	32.24	107.9	30.42	106.8	29.66	104.7	28.90	102.6	27.39
	8.3	6.1	112.2	34.54	110.0	32.69	107.9	30.84	106.8	30.07	104.7	29.30	102.6	27.76
	5.0	4.1	108.1	33.11	106.1	31.33	104.0	29.56	103.0	28.82	100.9	28.08	98.8	26.60
	2.5	1.7	103.3	31.40	101.3	29.72	99.3	28.04	98.3	27.34	96.4	26.63	94.4	25.23
	0.0	-0.7	98.4	30.59	96.5	28.95	94.7	27.32	93.7	26.63	91.9	25.94	90.0	24.56
	-3.0	-3.7	92.4	29.58	90.6	28.00	88.8	26.42	88.0	25.75	86.2	25.08	84.4	23.74
	-5.0	-5.6	88.5	28.93	86.8	27.38	85.2	25.84	84.3	25.18	82.6	24.53	80.9	23.21
	-7.0	-7.6	84.5	28.24	82.9	26.73	81.3	25.22	80.5	24.58	78.9	23.94	77.2	22.65
	-10.0	-10.5	78.6	27.22	77.1	25.77	75.6	24.32	74.9	23.70	73.4	23.08	71.9	21.83
	-14.5	-15.0	69.5	25.61	68.2	24.25	66.9	22.89	66.2	22.30	64.9	21.71	63.6	20.53
	-19.5	-20.0	57.2	22.70	56.1	21.50	55.0	20.29	54.5	19.76	53.4	19.24	52.3	18.18
	-22.8	-23.0	48.7	20.23	47.7	19.16	46.8	18.09	46.4	17.61	45.4	17.14	44.5	16.19
	-24.8	-25.0	43.0	18.48	42.2	17.50	41.4	16.52	40.9	16.09	40.1	15.65	39.3	14.78
	-27.4	-28.0	34.5	15.65	33.8	14.82	33.1	14.00	32.8	13.62	32.2	13.25	31.5	12.51
	-29.9	-30.0	28.8	13.60	28.2	12.88	27.7	12.17	27.4	11.84	26.9	11.52	26.3	10.87
80	15.0	13.7	99.7	28.77	97.8	27.22	95.9	25.68	95.0	25.04	93.1	24.41	91.2	23.14
	13.0	11.8	99.7	29.14	97.8	27.57	95.9	26.01	95.0	25.36	93.1	24.72	91.2	23.43
	11.0	9.8	99.7	29.55	97.8	27.96	95.9	26.38	95.0	25.72	93.1	25.07	91.2	23.76
	9.0	7.9	99.7	29.96	97.8	28.36	95.9	26.75	95.0	26.08	93.1	25.42	91.2	24.08
	8.3	6.1	99.7	30.38	97.8	28.75	95.9	27.12	95.0	26.44	93.1	25.77	91.2	24.41
	5.0	4.1	96.1	29.12	94.3	27.56	92.4	26.00	91.5	25.35	89.7	24.70	87.9	23.40
	2.5	1.7	91.8	27.62	90.0	26.14	88.3	24.66	87.4	24.04	85.7	23.42	83.9	22.19
	0.0	-0.7	87.5	26.90	85.8	25.46	84.2	24.02	83.3	23.42	81.7	22.81	80.0	21.60
	-3.0	-3.7	82.1	26.01	80.5	24.62	79.0	23.23	78.2	22.64	76.6	22.06	75.1	20.88
	-5.0	-5.6	78.7	25.44	77.2	24.08	75.7	22.72	74.9	22.15	73.4	21.57	71.9	20.42
	-7.0	-7.6	75.1	24.83	73.7	23.51	72.2	22.18	71.5	21.62	70.1	21.05	68.7	19.92
	-10.0	-10.5	69.9	23.94	68.6	22.67	67.2	21.39	66.6	20.84	65.2	20.30	63.9	19.20
	-14.5	-15.0	61.8	22.53	60.6	21.33	59.5	20.13	58.9	19.61	57.7	19.09	56.5	18.05
	-19.5	-20.0	50.9	19.97	49.9	18.91	48.9	17.85	48.4	17.38	47.5	16.92	46.5	15.99
	-22.8	-23.0	43.3	17.79	42.4	16.85	41.6	15.91	41.2	15.49	40.4	15.07	39.6	14.24
	-24.8	-25.0	38.2	16.25	37.5	15.39	36.8	14.53	36.4	14.15	35.7	13.76	34.9	13.00
	-27.4	-28.0	30.6	13.76	30.0	13.04	29.5	12.31	29.2	11.98	28.6	11.66	28.0	11.00
	-29.9	-30.0	25.6	11.96	25.1	11.33	24.6	10.70	24.4	10.41	23.9	10.13	23.4	9.56
70	15.0	13.7	87.2	24.91	85.6	23.57	83.9	22.23	83.1	21.68	81.4	21.13	79.8	20.03
	13.0	11.8	87.2	25.23	85.6	23.87	83.9	22.52	83.1	21.96	81.4	21.40	79.8	20.29
	11.0	9.8	87.2	25.58	85.6	24.21	83.9	22.84	83.1	22.27	81.4	21.70	79.8	20.57
	9.0	7.9	87.2	25.94	85.6	24.55	83.9	23.16	83.1	22.58	81.4	22.01	79.8	20.85
	8.3	6.1	87.2	26.30	85.6	24.89	83.9	23.48	83.1	22.90	81.4	22.31	79.8	21.14
	5.0	4.1	84.1	25.21	82.5	23.86	80.9	22.51	80.1	21.95	78.5	21.38	76.9	20.26
	2.5	1.7	80.3	23.91	78.8	22.63	77.3	21.35	76.5	20.82	75.0	20.28	73.4	19.21
	0.0	-0.7	76.5	23.29	75.1	22.05	73.6	20.80	72.9	20.28	71.4	19.75	70.0	18.70
	-3.0	-3.7	71.8	22.52	70.5	21.32	69.1	20.11	68.4	19.60	67.0	19.10	65.7	18.08
	-5.0	-5.6	68.9	22.03	67.5	20.85	66.2	19.67	65.6	19.17	64.3	18.68	63.0	17.68
	-7.0	-7.6	65.7	21.50	64.5	20.35	63.2	19.21	62.6	18.72	61.3	18.23	60.1	17.25
	-10.0	-10.5	61.2	20.73	60.0	19.62	58.8	18.52	58.2	18.05	57.1	17.57	55.9	16.62
	-14.5	-15.0	54.1	19.50	53.1	18.47	52.0	17.43	51.5	16.98	50.5	16.53	49.5	15.63
	-19.5	-20.0	44.5	17.29	43.6	16.37	42.8	15.45	42.4	15.05	41.5	14.65	40.7	13.84
	-22.8	-23.0	37.9	15.40	37.1	14.59	36.4	13.77	36.1	13.41	35.3	13.05	34.6	12.33
	-24.8	-25.0	33.4	14.07	32.8	13.32	32.2	12.58	31.8	12.25	31.2	11.92	30.6	11.26
	-27.4	-28.0	26.8	11.92	26.3	11.29	25.8	10.66	25.5	10.37	25.0	10.09	24.5	9.53
	-29.9	-30.0	22.4	10.36	22.0	9.81	21.5	9.26	21.3	9.02	20.9	8.77	20.5	8.28

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP3841FT6P-UL/MMY-UP3841FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	132.9	39.02	130.4	36.93	127.9	34.83	126.6	33.97	124.1	33.11	121.5	31.39
	13.0	11.8	132.9	39.52	130.4	37.40	127.9	35.28	126.6	34.41	124.1	33.53	121.5	31.78
	11.0	9.8	132.9	40.08	130.4	37.93	127.9	35.78	126.6	34.89	124.1	34.00	121.5	32.23
	9.0	7.9	132.9	40.65	130.4	38.47	127.9	36.29	126.6	35.38	124.1	34.48	121.5	32.67
	8.3	6.1	132.9	41.21	130.4	39.00	127.9	36.79	126.6	35.87	124.1	34.96	121.5	33.12
	5.0	4.1	132.9	41.88	130.4	39.63	127.9	37.39	126.6	36.45	124.1	35.52	121.5	33.65
	2.5	1.7	132.9	42.73	130.4	40.45	127.9	38.16	126.6	37.20	124.1	36.24	121.5	34.33
	0.0	-0.7	125.8	40.78	123.4	38.60	121.0	36.42	119.8	35.50	117.4	34.58	115.0	32.75
	-3.0	-3.7	116.7	38.23	114.5	36.19	112.2	34.15	111.1	33.28	108.9	32.42	106.7	30.69
	-5.0	-5.6	110.9	36.91	108.8	34.94	106.7	32.97	105.6	32.13	103.5	31.29	101.4	29.62
	-7.0	-7.6	104.9	35.53	102.9	33.63	100.9	31.74	99.9	30.93	97.9	30.12	95.9	28.50
	-10.0	-10.5	96.1	33.47	94.2	31.68	92.4	29.90	91.5	29.13	89.7	28.37	87.8	26.84
	-14.5	-15.0	82.4	30.11	80.9	28.51	79.3	26.90	78.5	26.21	76.9	25.52	75.4	24.13
	-19.5	-20.0	67.8	26.51	66.5	25.11	65.2	23.70	64.6	23.08	63.3	22.46	62.0	21.23
	-22.8	-23.0	56.6	23.20	55.5	21.97	54.5	20.74	53.9	20.19	52.8	19.65	51.8	18.56
	-24.8	-25.0	49.2	20.84	48.2	19.73	47.3	18.63	46.8	18.14	45.9	17.65	44.9	16.67
	-27.4	-28.0	38.0	17.03	37.3	16.13	36.5	15.23	36.2	14.83	35.4	14.42	34.7	13.61
	-29.9	-30.0	30.5	14.27	29.9	13.51	29.4	12.76	29.1	12.42	28.5	12.08	27.9	11.40
110	15.0	13.7	135.6	39.20	133.0	37.10	130.4	34.99	129.1	34.13	126.6	33.26	124.0	31.53
	13.0	11.8	135.6	39.71	133.0	37.58	130.4	35.45	129.1	34.57	126.6	33.69	124.0	31.93
	11.0	9.8	135.6	40.27	133.0	38.11	130.4	35.95	129.1	35.06	126.6	34.16	124.0	32.38
	9.0	7.9	135.6	40.83	133.0	38.65	130.4	36.46	129.1	35.55	126.6	34.64	124.0	32.82
	8.3	6.1	135.6	41.40	133.0	39.18	130.4	36.96	129.1	36.04	126.6	35.12	124.0	33.27
	5.0	4.1	135.6	42.07	133.0	39.82	130.4	37.56	129.1	36.62	126.6	35.68	124.0	33.80
	2.5	1.7	135.6	42.93	133.0	40.63	130.4	38.34	129.1	37.37	126.6	36.41	124.0	34.49
	0.0	-0.7	128.3	40.97	125.8	38.78	123.4	36.59	122.2	35.66	119.7	34.74	117.3	32.90
	-3.0	-3.7	119.0	38.41	116.7	36.36	114.5	34.31	113.3	33.44	111.1	32.57	108.8	30.83
	-5.0	-5.6	113.1	37.08	111.0	35.10	108.8	33.12	107.7	32.28	105.6	31.44	103.4	29.76
	-7.0	-7.6	107.0	35.69	104.9	33.79	102.9	31.88	101.9	31.07	99.8	30.26	97.8	28.64
	-10.0	-10.5	98.0	33.62	96.1	31.83	94.3	30.04	93.3	29.27	91.5	28.50	89.6	26.96
	-14.5	-15.0	84.1	30.25	82.5	28.64	80.9	27.03	80.1	26.33	78.5	25.63	76.9	24.24
	-19.5	-20.0	69.2	26.64	67.8	25.22	66.5	23.81	65.9	23.19	64.5	22.57	63.2	21.33
	-22.8	-23.0	57.7	23.30	56.6	22.07	55.5	20.83	55.0	20.29	53.9	19.74	52.8	18.65
	-24.8	-25.0	50.1	20.93	49.2	19.83	48.2	18.72	47.8	18.23	46.8	17.73	45.8	16.75
	-27.4	-28.0	38.7	17.11	38.0	16.20	37.3	15.30	36.9	14.89	36.2	14.49	35.4	13.68
	-29.9	-30.0	31.1	14.33	30.5	13.58	29.9	12.82	29.7	12.48	29.1	12.14	28.5	11.45
120	15.0	13.7	139.6	39.76	136.9	37.62	134.3	35.49	132.9	34.61	130.3	33.73	127.6	31.98
	13.0	11.8	139.6	40.27	136.9	38.11	134.3	35.95	132.9	35.06	130.3	34.17	127.6	32.38
	11.0	9.8	139.6	40.84	136.9	38.65	134.3	36.46	132.9	35.55	130.3	34.65	127.6	32.83
	9.0	7.9	139.6	41.41	136.9	39.19	134.3	36.97	132.9	36.05	130.3	35.13	127.6	33.29
	8.3	6.1	139.6	41.99	136.9	39.74	134.3	37.49	132.9	36.55	130.3	35.62	127.6	33.74
	5.0	4.1	139.6	42.67	136.9	40.38	134.3	38.10	132.9	37.14	130.3	36.19	127.6	34.28
	2.5	1.7	139.6	43.54	136.9	41.21	134.3	38.88	132.9	37.90	130.3	36.93	127.6	34.97
	0.0	-0.7	132.1	41.55	129.5	39.33	127.0	37.10	125.8	36.17	123.3	35.23	120.7	33.36
	-3.0	-3.7	122.5	38.95	120.2	36.87	117.8	34.79	116.7	33.91	114.3	33.03	112.0	31.27
	-5.0	-5.6	116.5	37.61	114.2	35.60	112.0	33.59	110.9	32.74	108.7	31.89	106.5	30.18
	-7.0	-7.6	110.1	36.20	108.0	34.27	105.9	32.34	104.9	31.51	102.8	30.69	100.7	29.04
	-10.0	-10.5	100.9	34.10	98.9	32.28	97.0	30.46	96.1	29.68	94.1	28.90	92.2	27.34
	-14.5	-15.0	86.5	30.68	84.9	29.04	83.2	27.41	82.4	26.70	80.8	26.00	79.1	24.58
	-19.5	-20.0	71.2	27.01	69.8	25.58	68.5	24.15	67.8	23.52	66.4	22.89	65.1	21.63
	-22.8	-23.0	59.4	23.63	58.3	22.38	57.2	21.13	56.6	20.57	55.5	20.02	54.4	18.91
	-24.8	-25.0	51.6	21.23	50.6	20.11	49.7	18.98	49.2	18.48	48.2	17.98	47.2	16.98
	-27.4	-28.0	39.9	17.35	39.1	16.43	38.4	15.52	38.0	15.10	37.2	14.69	36.5	13.87
	-29.9	-30.0	32.0	14.53	31.4	13.77	30.8	13.00	30.5	12.65	29.9	12.31	29.3	11.62
130	15.0	13.7	142.9	40.11	140.2	37.96	137.5	35.80	136.1	34.92	133.4	34.03	130.7	32.26
	13.0	11.8	142.9	40.63	140.2	38.45	137.5	36.27	136.1	35.37	133.4	34.47	130.7	32.67
	11.0	9.8	142.9	41.20	140.2	38.99	137.5	36.78	136.1	35.87	133.4	34.95	130.7	33.13
	9.0	7.9	142.9	41.78	140.2	39.54	137.5	37.30	136.1	36.37	133.4	35.44	130.7	33.58
	8.3	6.1	142.9	42.36	140.2	40.09	137.5	37.82	136.1	36.88	133.4	35.93	130.7	34.04
	5.0	4.1	142.9	43.04	140.2	40.74	137.5	38.43	136.1	37.47	133.4	36.51	130.7	34.58
	2.5	1.7	142.9	43.93	140.2	41.57	137.5	39.22	136.1	38.24	133.4	37.25	130.7	35.28
	0.0	-0.7	135.2	41.92	132.6	39.67	130.1	37.43	128.8	36.49	126.2	35.55	123.6	33.66
	-3.0	-3.7	125.4	39.30	123.0	37.20	120.6	35.10	119.5	34.21	117.1	33.32	114.7	31.55
	-5.0	-5.6	119.2	37.94	117.0	35.91	114.7	33.89	113.6	33.03	111.3	32.17	109.0	30.45
	-7.0	-7.6	112.7	36.52	110.6	34.57	108.4	32.62	107.4	31.79	105.2	30.96	103.1	29.30
	-10.0	-10.5	103.3	34.40	101.3	32.57	99.3	30.73	98.4	29.95	96.4	29.16	94.4	27.59
	-14.5	-15.0	88.6	30.95	86.9	29.30	85.2	27.65	84.4	26.94	82.7	26.23	81.0	24.80
	-19.5	-20.0	72.9	27.25	71.5	25.81	70.1	24.36	69.4	23.73	68.0	23.09	66.6	21.82
	-22.8	-23.0	60.9	23.84	59.7	22.58	58.5	21.32	58.0	20.76	56.8	20.20	55.6	19.08
	-24.8	-25.0	52.8	21.42	51.8	20.29	50.8	19.15	50.3	18.65	49.3	18.14	48.3	17.14
	-27.4	-28.0	40.8	17.50	40.0	16.58	39.3	15.65	38.9	15.24	38.1	14.82	37.3	13.99
	-29.9	-30.0	32.8	14.66	32.2	13.89	31.6	13.12	31.3	12.77	30.6	12.42	30.0	11.72

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	119.6	34.74	117.4	32.88	115.1	31.01	114.0	30.25	111.7	29.48	109.4	27.94
	13.0	11.8	119.6	35.19	117.4	33.30	115.1	31.41	114.0	30.63	111.7	29.86	109.4	28.30
	11.0	9.8	119.6	35.69	117.4	33.77	115.1	31.86	114.0	31.07	111.7	30.28	109.4	28.69
	9.0	7.9	119.6	36.19	117.4	34.25	115.1	32.31	114.0	31.50	111.7	30.70	109.4	29.09
	8.3	6.1	119.6	36.69	117.4	34.72	115.1	32.76	114.0	31.94	111.7	31.12	109.4	29.49
	5.0	4.1	119.6	37.28	117.4	35.29	115.1	33.29	114.0	32.46	111.7	31.62	109.4	29.96
	2.5	1.7	119.6	38.05	117.4	36.01	115.1	33.98	114.0	33.12	111.7	32.27	109.4	30.56
	0.0	-0.7	113.2	36.31	111.0	34.37	108.9	32.42	107.8	31.61	105.6	30.79	103.5	29.16
	-3.0	-3.7	105.0	34.04	103.0	32.22	101.0	30.40	100.0	29.63	98.0	28.86	96.0	27.32
	-5.0	-5.6	99.8	32.86	97.9	31.11	96.0	29.35	95.1	28.61	93.2	27.86	91.3	26.37
	-7.0	-7.6	94.4	31.63	92.6	29.94	90.8	28.26	89.9	27.54	88.1	26.82	86.3	25.38
	-10.0	-10.5	86.5	29.80	84.8	28.21	83.2	26.62	82.3	25.94	80.7	25.26	79.0	23.90
	-14.5	-15.0	74.2	26.81	72.8	25.38	71.4	23.95	70.6	23.34	69.2	22.72	67.8	21.48
	-19.5	-20.0	61.0	23.61	59.9	22.35	58.7	21.10	58.1	20.55	57.0	20.00	55.8	18.90
	-22.8	-23.0	51.0	20.65	50.0	19.56	49.0	18.46	48.5	17.98	47.6	17.50	46.6	16.53
	-24.8	-25.0	44.2	18.55	43.4	17.57	42.6	16.59	42.1	16.15	41.3	15.72	40.5	14.84
	-27.4	-28.0	34.2	15.16	33.5	14.36	32.9	13.56	32.6	13.20	31.9	12.84	31.3	12.12
	-29.9	-30.0	27.5	12.70	26.9	12.03	26.4	11.36	26.2	11.06	25.6	10.76	25.1	10.15
80	15.0	13.7	106.4	30.56	104.3	28.91	102.3	27.27	101.3	26.60	99.3	25.92	97.2	24.58
	13.0	11.8	106.4	30.95	104.3	29.29	102.3	27.63	101.3	26.94	99.3	26.26	97.2	24.89
	11.0	9.8	106.4	31.39	104.3	29.70	102.3	28.02	101.3	27.32	99.3	26.63	97.2	25.23
	9.0	7.9	106.4	31.83	104.3	30.12	102.3	28.41	101.3	27.71	99.3	27.00	97.2	25.58
	8.3	6.1	106.4	32.27	104.3	30.54	102.3	28.81	101.3	28.09	99.3	27.37	97.2	25.93
	5.0	4.1	106.4	32.79	104.3	31.03	102.3	29.28	101.3	28.54	99.3	27.81	97.2	26.35
	2.5	1.7	106.4	33.46	104.3	31.67	102.3	29.88	101.3	29.13	99.3	28.38	97.2	26.88
	0.0	-0.7	100.6	31.93	98.7	30.22	96.8	28.52	95.8	27.80	93.9	27.08	92.0	25.64
	-3.0	-3.7	93.3	29.94	91.6	28.34	89.8	26.74	88.9	26.06	87.1	25.38	85.3	24.03
	-5.0	-5.6	88.7	28.90	87.0	27.36	85.4	25.81	84.5	25.16	82.8	24.50	81.1	23.19
	-7.0	-7.6	83.9	27.82	82.3	26.33	80.7	24.85	79.9	24.22	78.3	23.58	76.7	22.32
	-10.0	-10.5	76.9	26.20	75.4	24.81	73.9	23.41	73.2	22.81	71.7	22.21	70.3	21.01
	-14.5	-15.0	65.9	23.57	64.7	22.32	63.4	21.07	62.8	20.52	61.5	19.98	60.3	18.89
	-19.5	-20.0	54.2	20.76	53.2	19.66	52.2	18.56	51.7	18.07	50.6	17.59	49.6	16.62
	-22.8	-23.0	45.3	18.16	44.4	17.20	43.6	16.24	43.1	15.81	42.3	15.39	41.4	14.54
	-24.8	-25.0	39.3	16.32	38.6	15.45	37.8	14.59	37.5	14.20	36.7	13.82	36.0	13.05
	-27.4	-28.0	30.4	13.33	29.8	12.63	29.2	11.92	28.9	11.61	28.4	11.29	27.8	10.66
	-29.9	-30.0	24.4	11.17	24.0	10.58	23.5	9.99	23.3	9.72	22.8	9.46	22.3	8.93
70	15.0	13.7	93.1	26.46	91.3	25.03	89.5	23.61	88.6	23.03	86.9	22.45	85.1	21.28
	13.0	11.8	93.1	26.80	91.3	25.36	89.5	23.92	88.6	23.33	86.9	22.73	85.1	21.55
	11.0	9.8	93.1	27.17	91.3	25.72	89.5	24.26	88.6	23.66	86.9	23.05	85.1	21.85
	9.0	7.9	93.1	27.56	91.3	26.08	89.5	24.60	88.6	23.99	86.9	23.38	85.1	22.15
	8.3	6.1	93.1	27.94	91.3	26.44	89.5	24.94	88.6	24.32	86.9	23.70	85.1	22.45
	5.0	4.1	93.1	28.39	91.3	26.87	89.5	25.35	88.6	24.71	86.9	24.08	85.1	22.81
	2.5	1.7	93.1	28.97	91.3	27.42	89.5	25.87	88.6	25.22	86.9	24.57	85.1	23.27
	0.0	-0.7	88.0	27.65	86.4	26.17	84.7	24.69	83.8	24.07	82.2	23.44	80.5	22.20
	-3.0	-3.7	81.7	25.92	80.1	24.53	78.6	23.15	77.8	22.56	76.2	21.98	74.7	20.81
	-5.0	-5.6	77.6	25.02	76.2	23.69	74.7	22.35	73.9	21.78	72.5	21.22	71.0	20.08
	-7.0	-7.6	73.4	24.09	72.0	22.80	70.6	21.52	69.9	20.97	68.5	20.42	67.1	19.32
	-10.0	-10.5	67.2	22.69	66.0	21.48	64.7	20.27	64.0	19.75	62.8	19.23	61.5	18.19
	-14.5	-15.0	57.7	20.41	56.6	19.33	55.5	18.24	54.9	17.77	53.9	17.30	52.8	16.36
	-19.5	-20.0	47.5	17.97	46.6	17.02	45.7	16.07	45.2	15.65	44.3	15.23	43.4	14.39
	-22.8	-23.0	39.6	15.73	38.9	14.89	38.1	14.06	37.7	13.69	37.0	13.32	36.2	12.59
	-24.8	-25.0	34.4	14.13	33.8	13.38	33.1	12.63	32.8	12.30	32.1	11.97	31.5	11.30
	-27.4	-28.0	26.6	11.54	26.1	10.93	25.6	10.32	25.3	10.05	24.8	9.78	24.3	9.23
	-29.9	-30.0	21.4	9.67	21.0	9.16	20.6	8.65	20.3	8.42	19.9	8.19	19.5	7.73

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4081FT6P-UL/MMY-UP4081FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	141.3	41.63	138.6	39.40	135.9	37.16	134.5	36.24	131.8	35.33	129.1	33.49
	13.0	11.8	141.3	42.17	138.6	39.91	135.9	37.64	134.5	36.71	131.8	35.78	129.1	33.91
	11.0	9.8	141.3	42.77	138.6	40.47	135.9	38.18	134.5	37.23	131.8	36.28	129.1	34.38
	9.0	7.9	141.3	43.37	138.6	41.04	135.9	38.72	134.5	37.75	131.8	36.79	129.1	34.86
	8.3	6.1	141.3	43.97	138.6	41.61	135.9	39.26	134.5	38.28	131.8	37.30	129.1	35.34
	5.0	4.1	136.1	42.14	133.5	39.89	131.0	37.63	129.7	36.69	127.1	35.75	124.5	33.86
	2.5	1.7	130.0	39.98	127.6	37.84	125.1	35.70	123.8	34.80	121.4	33.90	118.9	32.11
	0.0	-0.7	123.9	38.94	121.6	36.86	119.2	34.77	118.0	33.90	115.7	33.02	113.3	31.27
	-3.0	-3.7	116.3	37.65	114.1	35.64	111.9	33.62	110.8	32.77	108.6	31.92	106.3	30.22
	-5.0	-5.6	111.5	36.82	109.4	34.86	107.2	32.89	106.2	32.05	104.0	31.22	101.9	29.55
	-7.0	-7.6	106.4	35.94	104.4	34.03	102.3	32.11	101.3	31.29	99.3	30.47	97.3	28.84
	-10.0	-10.5	99.0	34.65	97.1	32.81	95.2	30.96	94.3	30.17	92.4	29.38	90.5	27.79
	-14.5	-15.0	87.6	32.60	85.9	30.87	84.2	29.14	83.4	28.38	81.7	27.63	80.1	26.13
	-19.5	-20.0	72.0	28.90	70.7	27.36	69.3	25.83	68.6	25.16	67.2	24.49	65.9	23.14
	-22.8	-23.0	61.3	25.75	60.1	24.39	59.0	23.02	58.4	22.42	57.2	21.82	56.0	20.61
	-24.8	-25.0	54.1	23.52	53.1	22.27	52.1	21.03	51.6	20.48	50.5	19.92	49.5	18.82
	-27.4	-28.0	43.4	19.92	42.6	18.87	41.7	17.82	41.3	17.34	40.5	16.87	39.7	15.93
	-29.9	-30.0	36.2	17.32	35.5	16.40	34.9	15.49	34.5	15.07	33.8	14.66	33.1	13.84
110	15.0	13.7	144.1	41.83	141.3	39.58	138.6	37.34	137.2	36.41	134.5	35.49	131.7	33.64
	13.0	11.8	144.1	42.37	141.3	40.09	138.6	37.82	137.2	36.88	134.5	35.94	131.7	34.07
	11.0	9.8	144.1	42.97	141.3	40.66	138.6	38.36	137.2	37.40	134.5	36.45	131.7	34.54
	9.0	7.9	144.1	43.57	141.3	41.23	138.6	38.90	137.2	37.93	134.5	36.96	131.7	35.02
	8.3	6.1	144.1	44.17	141.3	41.81	138.6	39.44	137.2	38.45	134.5	37.47	131.7	35.50
	5.0	4.1	138.9	42.34	136.2	40.07	133.6	37.80	132.2	36.86	129.6	35.91	127.0	34.02
	2.5	1.7	132.6	40.16	130.1	38.01	127.6	35.86	126.3	34.96	123.8	34.06	121.3	32.26
	0.0	-0.7	126.4	39.12	124.0	37.03	121.6	34.94	120.4	34.05	118.0	33.17	115.6	31.41
	-3.0	-3.7	118.6	37.82	116.4	35.80	114.1	33.78	113.0	32.93	110.7	32.07	108.5	30.36
	-5.0	-5.6	113.7	36.99	111.5	35.02	109.4	33.04	108.3	32.20	106.1	31.37	104.0	29.69
	-7.0	-7.6	108.5	36.11	106.5	34.18	104.4	32.26	103.4	31.44	101.3	30.61	99.2	28.97
	-10.0	-10.5	101.0	34.82	99.1	32.96	97.2	31.10	96.2	30.31	94.3	29.51	92.3	27.92
	-14.5	-15.0	89.3	32.76	87.6	31.01	85.9	29.27	85.1	28.52	83.4	27.76	81.7	26.25
	-19.5	-20.0	73.5	29.03	72.1	27.49	70.7	25.95	70.0	25.27	68.6	24.60	67.2	23.25
	-22.8	-23.0	62.5	25.87	61.3	24.50	60.1	23.13	59.5	22.52	58.4	21.92	57.2	20.71
	-24.8	-25.0	55.2	23.63	54.2	22.38	53.1	21.13	52.6	20.57	51.5	20.02	50.5	18.90
	-27.4	-28.0	44.3	20.01	43.4	18.96	42.6	17.90	42.2	17.42	41.3	16.95	40.5	16.00
	-29.9	-30.0	37.0	17.40	36.3	16.48	35.5	15.56	35.2	15.14	34.5	14.73	33.8	13.90
120	15.0	13.7	148.3	42.42	145.5	40.14	142.7	37.86	141.3	36.93	138.4	35.99	135.6	34.12
	13.0	11.8	148.3	42.97	145.5	40.66	142.7	38.35	141.3	37.40	138.4	36.45	135.6	34.55
	11.0	9.8	148.3	43.57	145.5	41.24	142.7	38.90	141.3	37.93	138.4	36.97	135.6	35.03
	9.0	7.9	148.3	44.18	145.5	41.82	142.7	39.45	141.3	38.46	138.4	37.48	135.6	35.52
	8.3	6.1	148.3	44.80	145.5	42.40	142.7	40.00	141.3	39.00	138.4	38.00	135.6	36.00
	5.0	4.1	142.9	42.94	140.2	40.64	137.5	38.34	136.1	37.38	133.4	36.42	130.7	34.50
	2.5	1.7	136.5	40.73	133.9	38.55	131.3	36.37	130.0	35.46	127.4	34.54	124.8	32.72
	0.0	-0.7	130.1	39.67	127.7	37.55	125.2	35.43	123.9	34.54	121.5	33.64	119.0	31.86
	-3.0	-3.7	122.1	38.36	119.8	36.31	117.5	34.26	116.3	33.39	114.0	32.53	111.7	30.79
	-5.0	-5.6	117.0	37.52	114.8	35.51	112.6	33.51	111.5	32.66	109.2	31.81	107.0	30.11
	-7.0	-7.6	111.7	36.62	109.6	34.67	107.5	32.71	106.4	31.88	104.3	31.05	102.1	29.38
	-10.0	-10.5	104.0	35.31	102.0	33.43	100.0	31.54	99.0	30.74	97.0	29.93	95.1	28.32
	-14.5	-15.0	92.0	33.22	90.2	31.45	88.5	29.69	87.6	28.92	85.8	28.15	84.1	26.62
	-19.5	-20.0	75.6	29.44	74.2	27.88	72.8	26.32	72.0	25.63	70.6	24.95	69.2	23.58
	-22.8	-23.0	64.4	26.24	63.1	24.85	61.9	23.46	61.3	22.84	60.1	22.23	58.8	21.00
	-24.8	-25.0	56.8	23.96	55.8	22.70	54.7	21.43	54.1	20.86	53.1	20.30	52.0	19.17
	-27.4	-28.0	45.6	20.30	44.7	19.22	43.8	18.15	43.4	17.67	42.5	17.19	41.7	16.23
	-29.9	-30.0	38.0	17.64	37.3	16.71	36.6	15.78	36.2	15.36	35.5	14.94	34.8	14.10
130	15.0	13.7	151.8	42.80	149.0	40.50	146.1	38.20	144.6	37.26	141.7	36.31	138.8	34.42
	13.0	11.8	151.8	43.35	149.0	41.02	146.1	38.69	144.6	37.73	141.7	36.78	138.8	34.86
	11.0	9.8	151.8	43.96	149.0	41.60	146.1	39.24	144.6	38.27	141.7	37.29	138.8	35.34
	9.0	7.9	151.8	44.58	149.0	42.19	146.1	39.80	144.6	38.80	141.7	37.81	138.8	35.83
	8.3	6.1	151.8	45.19	149.0	42.77	146.1	40.35	144.6	39.34	141.7	38.34	138.8	36.32
	5.0	4.1	146.3	43.32	143.6	41.00	140.8	38.68	139.4	37.71	136.6	36.74	133.8	34.81
	2.5	1.7	139.8	41.09	137.1	38.89	134.5	36.69	133.1	35.77	130.5	34.85	127.8	33.01
	0.0	-0.7	133.2	40.02	130.7	37.88	128.2	35.74	126.9	34.84	124.3	33.94	121.8	32.14
	-3.0	-3.7	125.0	38.70	122.6	36.63	120.3	34.56	119.1	33.69	116.7	32.81	114.3	31.06
	-5.0	-5.6	119.8	37.85	117.6	35.83	115.3	33.81	114.1	32.95	111.8	32.09	109.6	30.37
	-7.0	-7.6	114.4	36.95	112.2	34.98	110.0	33.00	108.9	32.16	106.7	31.32	104.6	29.64
	-10.0	-10.5	106.4	35.62	104.4	33.72	102.4	31.82	101.4	31.01	99.3	30.20	97.3	28.57
	-14.5	-15.0	94.1	33.51	92.4	31.73	90.6	29.95	89.7	29.18	87.9	28.40	86.1	26.86
	-19.5	-20.0	77.4	29.70	76.0	28.13	74.5	26.55	73.8	25.86	72.3	25.17	70.8	23.79
	-22.8	-23.0	65.9	26.47	64.6	25.07	63.4	23.66	62.8	23.04	61.5	22.42	60.2	21.18
	-24.8	-25.0	58.2	24.18	57.1	22.90	56.0	21.62	55.4	21.05	54.3	20.48	53.2	19.34
	-27.4	-28.0	46.6	20.48	45.8	19.39	44.9	18.31	44.4	17.83	43.5	17.34	42.6	16.37
	-29.9	-30.0	38.9	17.80	38.2	16.86	37.5	15.92	37.1	15.49	36.4	15.07	35.6	14.22

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	127.1	37.07	124.7	35.08	122.3	33.09	121.1	32.27	118.7	31.45	116.2	29.82
	13.0	11.8	127.1	37.55	124.7	35.53	122.3	33.52	121.1	32.68	118.7	31.85	116.2	30.19
	11.0	9.8	127.1	38.08	124.7	36.03	122.3	33.99	121.1	33.15	118.7	32.30	116.2	30.61
	9.0	7.9	127.1	38.61	124.7	36.54	122.3	34.47	121.1	33.61	118.7	32.75	116.2	31.04
	8.3	6.1	127.1	39.15	124.7	37.05	122.3	34.95	121.1	34.08	118.7	33.21	116.2	31.46
	5.0	4.1	122.5	37.52	120.2	35.51	117.9	33.50	116.7	32.66	114.4	31.83	112.0	30.15
	2.5	1.7	117.0	35.59	114.8	33.69	112.6	31.78	111.5	30.98	109.2	30.19	107.0	28.59
	0.0	-0.7	111.5	34.67	109.4	32.81	107.3	30.96	106.2	30.18	104.1	29.40	102.0	27.84
	-3.0	-3.7	104.7	33.52	102.7	31.73	100.7	29.94	99.7	29.18	97.7	28.42	95.7	26.91
	-5.0	-5.6	100.3	32.78	98.4	31.03	96.5	29.28	95.6	28.54	93.6	27.80	91.7	26.31
	-7.0	-7.6	95.8	32.00	93.9	30.29	92.1	28.59	91.2	27.86	89.4	27.13	87.5	25.68
	-10.0	-10.5	89.1	30.85	87.4	29.21	85.7	27.57	84.9	26.86	83.2	26.15	81.5	24.74
	-14.5	-15.0	78.8	29.03	77.3	27.49	75.8	25.94	75.1	25.27	73.6	24.60	72.1	23.26
	-19.5	-20.0	64.8	25.73	63.6	24.36	62.4	23.00	61.7	22.40	60.5	21.80	59.3	20.60
	-22.8	-23.0	55.2	22.93	54.1	21.71	53.1	20.50	52.5	19.96	51.5	19.42	50.4	18.35
	-24.8	-25.0	48.7	20.94	47.8	19.83	46.9	18.72	46.4	18.23	45.5	17.74	44.5	16.75
	-27.4	-28.0	39.1	17.74	38.3	16.80	37.6	15.86	37.2	15.44	36.4	15.02	35.7	14.18
	-29.9	-30.0	32.6	15.42	32.0	14.60	31.4	13.79	31.1	13.42	30.4	13.05	29.8	12.32
80	15.0	13.7	113.0	32.60	110.8	30.85	108.7	29.10	107.6	28.38	105.5	27.66	103.3	26.22
	13.0	11.8	113.0	33.02	110.8	31.25	108.7	29.48	107.6	28.74	105.5	28.01	103.3	26.55
	11.0	9.8	113.0	33.49	110.8	31.69	108.7	29.89	107.6	29.15	105.5	28.41	103.3	26.92
	9.0	7.9	113.0	33.96	110.8	32.14	108.7	30.32	107.6	29.56	105.5	28.81	103.3	27.30
	8.3	6.1	113.0	34.43	110.8	32.58	108.7	30.74	107.6	29.97	105.5	29.20	103.3	27.67
	5.0	4.1	108.9	33.00	106.8	31.23	104.8	29.46	103.7	28.73	101.6	27.99	99.6	26.51
	2.5	1.7	104.0	31.30	102.0	29.63	100.1	27.95	99.1	27.25	97.1	26.55	95.1	25.14
	0.0	-0.7	99.1	30.49	97.3	28.86	95.4	27.23	94.4	26.54	92.5	25.86	90.6	24.48
	-3.0	-3.7	93.0	29.48	91.3	27.90	89.5	26.33	88.6	25.66	86.8	25.00	85.1	23.66
	-5.0	-5.6	89.2	28.83	87.5	27.29	85.8	25.75	84.9	25.10	83.2	24.45	81.5	23.14
	-7.0	-7.6	85.1	28.14	83.5	26.64	81.9	25.14	81.1	24.50	79.4	23.86	77.8	22.58
	-10.0	-10.5	79.2	27.13	77.7	25.69	76.2	24.24	75.4	23.62	73.9	23.00	72.4	21.76
	-14.5	-15.0	70.1	25.53	68.7	24.17	67.4	22.81	66.7	22.23	65.4	21.64	64.1	20.46
	-19.5	-20.0	57.6	22.63	56.5	21.43	55.4	20.23	54.9	19.70	53.8	19.17	52.7	18.12
	-22.8	-23.0	49.0	20.16	48.1	19.10	47.2	18.03	46.7	17.55	45.8	17.08	44.8	16.14
	-24.8	-25.0	43.3	18.42	42.5	17.44	41.7	16.47	41.2	16.03	40.4	15.60	39.6	14.73
	-27.4	-28.0	34.7	15.60	34.1	14.77	33.4	13.95	33.1	13.58	32.4	13.21	31.7	12.47
	-29.9	-30.0	29.0	13.56	28.4	12.84	27.9	12.13	27.6	11.80	27.1	11.48	26.5	10.84
70	15.0	13.7	98.9	28.23	97.0	26.71	95.1	25.19	94.2	24.57	92.3	23.95	90.4	22.70
	13.0	11.8	98.9	28.59	97.0	27.05	95.1	25.52	94.2	24.89	92.3	24.25	90.4	22.99
	11.0	9.8	98.9	28.99	97.0	27.44	95.1	25.88	94.2	25.24	92.3	24.60	90.4	23.31
	9.0	7.9	98.9	29.40	97.0	27.82	95.1	26.25	94.2	25.59	92.3	24.94	90.4	23.63
	8.3	6.1	98.9	29.81	97.0	28.21	95.1	26.61	94.2	25.95	92.3	25.28	90.4	23.96
	5.0	4.1	95.3	28.57	93.5	27.04	91.7	25.51	90.8	24.87	88.9	24.23	87.1	22.96
	2.5	1.7	91.0	27.10	89.3	25.65	87.6	24.20	86.7	23.59	85.0	22.98	83.2	21.77
	0.0	-0.7	86.8	26.40	85.1	24.99	83.4	23.57	82.6	22.98	81.0	22.39	79.3	21.20
	-3.0	-3.7	81.4	25.52	79.9	24.16	78.3	22.80	77.5	22.22	76.0	21.64	74.4	20.49
	-5.0	-5.6	78.0	24.96	76.5	23.63	75.1	22.30	74.3	21.73	72.8	21.17	71.3	20.03
	-7.0	-7.6	74.5	24.37	73.1	23.07	71.6	21.77	70.9	21.21	69.5	20.66	68.1	19.55
	-10.0	-10.5	69.3	23.49	68.0	22.24	66.7	20.99	66.0	20.45	64.7	19.92	63.4	18.84
	-14.5	-15.0	61.3	22.10	60.1	20.93	59.0	19.75	58.4	19.24	57.2	18.73	56.0	17.71
	-19.5	-20.0	50.4	19.59	49.5	18.55	48.5	17.51	48.0	17.06	47.1	16.60	46.1	15.69
	-22.8	-23.0	42.9	17.46	42.1	16.53	41.3	15.61	40.9	15.20	40.0	14.79	39.2	13.97
	-24.8	-25.0	37.9	15.95	37.2	15.10	36.5	14.26	36.1	13.88	35.4	13.51	34.6	12.76
	-27.4	-28.0	30.4	13.51	29.8	12.79	29.2	12.08	28.9	11.76	28.3	11.44	27.8	10.80
	-29.9	-30.0	25.4	11.74	24.9	11.12	24.4	10.50	24.2	10.22	23.7	9.94	23.2	9.38

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4321FT6P-UL/MMY-UP4321FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	149.6	44.27	146.7	41.89	143.9	39.51	142.4	38.54	139.6	37.56	136.7	35.61
	13.0	11.8	149.6	44.84	146.7	42.43	143.9	40.02	142.4	39.03	139.6	38.04	136.7	36.06
	11.0	9.8	149.6	45.47	146.7	43.03	143.9	40.59	142.4	39.58	139.6	38.58	136.7	36.56
	9.0	7.9	149.6	46.11	146.7	43.64	143.9	41.17	142.4	40.14	139.6	39.12	136.7	37.06
	8.3	6.1	149.6	46.75	146.7	44.24	143.9	41.74	142.4	40.70	139.6	39.66	136.7	37.57
	5.0	4.1	144.1	45.00	141.4	42.41	138.7	40.01	137.3	39.01	134.5	38.01	131.8	36.00
	2.5	1.7	137.7	42.68	135.1	40.23	132.4	37.96	131.1	37.00	128.5	36.05	125.9	34.14
	0.0	-0.7	131.2	41.40	128.7	39.19	126.2	36.97	125.0	36.04	122.5	35.11	120.0	33.25
	-3.0	-3.7	123.1	40.03	120.8	37.89	118.5	35.75	117.3	34.85	114.9	33.94	112.6	32.13
	-5.0	-5.6	118.0	39.15	115.8	37.06	113.5	34.97	112.4	34.08	110.2	33.20	107.9	31.42
	-7.0	-7.6	112.6	38.22	110.5	36.18	108.4	34.14	107.3	33.27	105.1	32.40	103.0	30.66
	-10.0	-10.5	104.8	36.85	102.8	34.88	100.8	32.92	99.8	32.08	97.9	31.23	95.9	29.55
	-14.5	-15.0	92.7	34.67	91.0	32.82	89.2	30.98	88.3	30.18	86.5	29.38	84.8	27.78
	-19.5	-20.0	76.3	30.73	74.8	29.10	73.4	27.46	72.6	26.75	71.2	26.03	69.7	24.60
	-22.8	-23.0	64.9	27.38	63.7	25.93	62.4	24.48	61.8	23.84	60.6	23.20	59.3	21.91
	-24.8	-25.0	57.3	25.01	56.2	23.68	55.1	22.36	54.6	21.77	53.5	21.18	52.4	20.01
	-27.4	-28.0	45.9	21.18	45.1	20.06	44.2	18.94	43.8	18.44	42.9	17.94	42.0	16.93
	-29.9	-30.0	38.4	18.41	37.6	17.44	36.9	16.47	36.5	16.03	35.8	15.59	35.1	14.71
110	15.0	13.7	152.6	44.47	149.6	42.09	146.7	39.70	145.3	38.72	142.4	37.73	139.5	35.77
	13.0	11.8	152.6	45.05	149.6	42.63	146.7	40.21	145.3	39.21	142.4	38.22	139.5	36.22
	11.0	9.8	152.6	45.68	149.6	43.23	146.7	40.78	145.3	39.77	142.4	38.76	139.5	36.73
	9.0	7.9	152.6	46.32	149.6	43.84	146.7	41.36	145.3	40.33	142.4	39.30	139.5	37.24
	8.3	6.1	152.6	46.97	149.6	44.45	146.7	41.93	145.3	40.89	142.4	39.84	139.5	37.75
	5.0	4.1	147.0	45.21	144.2	42.61	141.4	40.20	140.0	39.19	137.2	38.18	134.4	36.17
	2.5	1.7	140.4	42.88	137.8	40.42	135.1	38.13	133.8	37.17	131.1	36.22	128.4	34.30
	0.0	-0.7	133.8	41.59	131.3	39.37	128.7	37.15	127.5	36.21	124.9	35.27	122.4	33.40
	-3.0	-3.7	125.6	40.22	123.2	38.07	120.8	35.92	119.6	35.01	117.2	34.10	114.8	32.28
	-5.0	-5.6	120.4	39.33	118.1	37.23	115.8	35.13	114.7	34.24	112.4	33.35	110.1	31.57
	-7.0	-7.6	114.9	38.40	112.7	36.35	110.5	34.30	109.4	33.43	107.2	32.55	105.1	30.80
	-10.0	-10.5	106.9	37.02	104.9	35.04	102.9	33.07	101.8	32.23	99.8	31.38	97.8	29.69
	-14.5	-15.0	94.6	34.83	92.8	32.98	91.0	31.12	90.1	30.32	88.3	29.52	86.5	27.91
	-19.5	-20.0	77.8	30.87	76.3	29.23	74.8	27.59	74.1	26.87	72.6	26.16	71.1	24.72
	-22.8	-23.0	66.2	27.51	64.9	26.05	63.7	24.59	63.0	23.95	61.8	23.30	60.5	22.02
	-24.8	-25.0	58.5	25.12	57.4	23.79	56.2	22.46	55.7	21.87	54.6	21.28	53.5	20.10
	-27.4	-28.0	46.9	21.28	46.0	20.16	45.1	19.03	44.6	18.53	43.7	18.02	42.8	17.01
	-29.9	-30.0	39.1	18.50	38.4	17.52	37.6	16.54	37.3	16.10	36.5	15.66	35.8	14.78
120	15.0	13.7	157.0	45.10	154.0	42.68	151.1	40.26	149.6	39.26	146.6	38.27	143.6	36.28
	13.0	11.8	157.0	45.68	154.0	43.23	151.1	40.78	149.6	39.77	146.6	38.76	143.6	36.74
	11.0	9.8	157.0	46.33	154.0	43.84	151.1	41.36	149.6	40.33	146.6	39.30	143.6	37.25
	9.0	7.9	157.0	46.98	154.0	44.46	151.1	41.94	149.6	40.90	146.6	39.85	143.6	37.76
	8.3	6.1	157.0	47.63	154.0	45.08	151.1	42.53	149.6	41.47	146.6	40.40	143.6	38.28
	5.0	4.1	151.4	45.85	148.5	43.21	145.6	40.77	144.1	39.74	141.3	38.72	138.4	36.68
	2.5	1.7	144.6	43.49	141.8	40.99	139.1	38.67	137.7	37.70	134.9	36.73	132.2	34.79
	0.0	-0.7	137.8	42.18	135.2	39.93	132.5	37.67	131.2	36.72	128.6	35.77	126.0	33.87
	-3.0	-3.7	129.3	40.78	126.8	38.61	124.4	36.43	123.1	35.50	120.7	34.58	118.2	32.74
	-5.0	-5.6	123.9	39.89	121.6	37.76	119.2	35.63	118.0	34.73	115.7	33.82	113.3	32.01
	-7.0	-7.6	118.3	38.94	116.0	36.86	113.8	34.78	112.6	33.90	110.4	33.01	108.1	31.24
	-10.0	-10.5	110.1	37.54	108.0	35.54	105.9	33.54	104.8	32.68	102.7	31.82	100.6	30.11
	-14.5	-15.0	97.4	35.32	95.5	33.44	93.7	31.56	92.7	30.75	90.9	29.94	89.0	28.31
	-19.5	-20.0	80.1	31.31	78.6	29.64	77.0	27.98	76.3	27.25	74.8	26.53	73.2	25.07
	-22.8	-23.0	68.1	27.90	66.8	26.42	65.6	24.94	64.9	24.29	63.6	23.63	62.3	22.33
	-24.8	-25.0	60.2	25.48	59.0	24.13	57.9	22.78	57.3	22.18	56.2	21.58	55.0	20.38
	-27.4	-28.0	48.2	21.58	47.3	20.44	46.4	19.30	45.9	18.79	45.0	18.28	44.1	17.25
	-29.9	-30.0	40.3	18.76	39.5	17.77	38.7	16.78	38.4	16.33	37.6	15.88	36.8	14.99
130	15.0	13.7	160.8	45.50	157.7	43.06	154.7	40.62	153.1	39.61	150.1	38.61	147.0	36.60
	13.0	11.8	160.8	46.09	157.7	43.61	154.7	41.14	153.1	40.12	150.1	39.10	147.0	37.06
	11.0	9.8	160.8	46.74	157.7	44.23	154.7	41.73	153.1	40.69	150.1	39.65	147.0	37.58
	9.0	7.9	160.8	47.40	157.7	44.85	154.7	42.31	153.1	41.26	150.1	40.21	147.0	38.10
	8.3	6.1	160.8	48.05	157.7	45.48	154.7	42.90	153.1	41.83	150.1	40.76	147.0	38.62
	5.0	4.1	155.0	46.25	152.0	43.59	149.1	41.13	147.6	40.10	144.6	39.07	141.7	37.01
	2.5	1.7	148.0	43.88	145.2	41.35	142.4	39.01	141.0	38.03	138.1	37.05	135.3	35.09
	0.0	-0.7	141.1	42.56	138.4	40.28	135.7	38.00	134.3	37.05	131.7	36.09	129.0	34.17
	-3.0	-3.7	132.4	41.15	129.9	38.95	127.3	36.75	126.1	35.82	123.6	34.89	121.0	33.03
	-5.0	-5.6	126.9	40.24	124.5	38.09	122.1	35.95	120.8	35.03	118.4	34.12	116.0	32.30
	-7.0	-7.6	121.1	39.28	118.8	37.19	116.5	35.09	115.3	34.20	113.0	33.30	110.7	31.52
	-10.0	-10.5	112.7	37.87	110.6	35.86	108.4	33.84	107.3	32.97	105.2	32.11	103.0	30.37
	-14.5	-15.0	99.7	35.63	97.8	33.74	95.9	31.84	94.9	31.02	93.0	30.20	91.1	28.56
	-19.5	-20.0	82.0	31.58	80.4	29.91	78.9	28.23	78.1	27.50	76.5	26.76	75.0	25.29
	-22.8	-23.0	69.8	28.14	68.4	26.65	67.1	25.16	66.4	24.50	65.1	23.84	63.8	22.52
	-24.8	-25.0	61.6	25.71	60.4	24.34	59.3	22.98	58.7	22.38	57.5	21.77	56.3	20.56
	-27.4	-28.0	49.4	21.77	48.5	20.62	47.5	19.47	47.0	18.95	46.1	18.44	45.2	17.41
	-29.9	-30.0	41.2	18.92	40.5	17.92	39.7	16.93	39.3	16.48	38.5	16.02	37.7	15.12

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	134.6	39.41	132.0	37.30	129.5	35.18	128.2	34.31	125.6	33.44	123.1	31.70
	13.0	11.8	134.6	39.92	132.0	37.78	129.5	35.64	128.2	34.75	125.6	33.87	123.1	32.10
	11.0	9.8	134.6	40.49	132.0	38.31	129.5	36.14	128.2	35.24	125.6	34.35	123.1	32.55
	9.0	7.9	134.6	41.05	132.0	38.85	129.5	36.65	128.2	35.74	125.6	34.83	123.1	33.00
	8.3	6.1	134.6	41.62	132.0	39.39	129.5	37.16	128.2	36.23	125.6	35.31	123.1	33.45
	5.0	4.1	129.7	40.07	127.3	37.76	124.8	35.62	123.6	34.73	121.1	33.84	118.6	32.06
	2.5	1.7	123.9	38.00	121.6	35.82	119.2	33.79	118.0	32.94	115.7	32.10	113.3	30.40
	0.0	-0.7	118.1	36.86	115.9	34.89	113.6	32.92	112.5	32.09	110.2	31.26	108.0	29.60
	-3.0	-3.7	110.8	35.64	108.7	33.74	106.6	31.83	105.6	31.03	103.4	30.22	101.3	28.61
	-5.0	-5.6	106.2	34.86	104.2	33.00	102.2	31.14	101.2	30.35	99.1	29.56	97.1	27.97
	-7.0	-7.6	101.4	34.03	99.5	32.21	97.5	30.40	96.6	29.62	94.6	28.85	92.7	27.30
	-10.0	-10.5	94.4	32.81	92.6	31.06	90.8	29.31	89.9	28.56	88.1	27.81	86.3	26.31
	-14.5	-15.0	83.5	30.87	81.9	29.22	80.3	27.58	79.5	26.87	77.9	26.16	76.3	24.74
	-19.5	-20.0	68.6	27.36	67.3	25.91	66.0	24.45	65.4	23.82	64.1	23.18	62.8	21.91
	-22.8	-23.0	58.4	24.38	57.3	23.09	56.2	21.79	55.6	21.22	54.5	20.65	53.4	19.51
	-24.8	-25.0	51.6	22.27	50.6	21.09	49.6	19.91	49.1	19.38	48.1	18.86	47.2	17.81
	-27.4	-28.0	41.4	18.86	40.6	17.86	39.8	16.87	39.4	16.42	38.6	15.97	37.8	15.08
	-29.9	-30.0	34.5	16.39	33.9	15.53	33.2	14.66	32.9	14.27	32.2	13.88	31.6	13.10
80	15.0	13.7	119.6	34.66	117.4	32.80	115.1	30.94	114.0	30.18	111.7	29.41	109.4	27.88
	13.0	11.8	119.6	35.11	117.4	33.22	115.1	31.34	114.0	30.56	111.7	29.79	109.4	28.23
	11.0	9.8	119.6	35.61	117.4	33.70	115.1	31.79	114.0	31.00	111.7	30.21	109.4	28.63
	9.0	7.9	119.6	36.10	117.4	34.17	115.1	32.23	114.0	31.43	111.7	30.63	109.4	29.02
	8.3	6.1	119.6	36.61	117.4	34.64	115.1	32.68	114.0	31.87	111.7	31.05	109.4	29.42
	5.0	4.1	115.3	35.24	113.1	33.21	110.9	31.33	109.8	30.54	107.6	29.76	105.4	28.19
	2.5	1.7	110.1	33.42	108.1	31.50	106.0	29.72	104.9	28.97	102.8	28.23	100.7	26.73
	0.0	-0.7	105.0	32.42	103.0	30.68	101.0	28.95	100.0	28.22	98.0	27.49	96.0	26.03
	-3.0	-3.7	98.5	31.34	96.6	29.67	94.8	27.99	93.8	27.29	92.0	26.58	90.1	25.16
	-5.0	-5.6	94.4	30.66	92.6	29.02	90.8	27.38	89.9	26.69	88.1	25.99	86.3	24.60
	-7.0	-7.6	90.1	29.92	88.4	28.33	86.7	26.73	85.8	26.05	84.1	25.37	82.4	24.01
	-10.0	-10.5	83.9	28.85	82.3	27.31	80.7	25.78	79.9	25.12	78.3	24.46	76.7	23.14
	-14.5	-15.0	74.2	27.14	72.8	25.70	71.4	24.26	70.6	23.63	69.2	23.01	67.8	21.75
	-19.5	-20.0	61.0	24.06	59.9	22.78	58.7	21.51	58.1	20.95	57.0	20.39	55.8	19.27
	-22.8	-23.0	51.9	21.44	50.9	20.30	49.9	19.17	49.4	18.67	48.5	18.16	47.5	17.16
	-24.8	-25.0	45.9	19.58	45.0	18.55	44.1	17.51	43.7	17.05	42.8	16.59	41.9	15.67
	-27.4	-28.0	36.8	16.59	36.1	15.71	35.4	14.83	35.0	14.44	34.3	14.05	33.6	13.26
	-29.9	-30.0	30.7	14.42	30.1	13.65	29.5	12.89	29.2	12.55	28.6	12.21	28.1	11.52
70	15.0	13.7	104.7	30.01	102.7	28.40	100.7	26.79	99.7	26.13	97.7	25.46	95.7	24.14
	13.0	11.8	104.7	30.40	102.7	28.77	100.7	27.13	99.7	26.46	97.7	25.79	95.7	24.44
	11.0	9.8	104.7	30.83	102.7	29.17	100.7	27.52	99.7	26.84	97.7	26.15	95.7	24.78
	9.0	7.9	104.7	31.26	102.7	29.58	100.7	27.91	99.7	27.21	97.7	26.52	95.7	25.13
	8.3	6.1	104.7	31.69	102.7	30.00	100.7	28.30	99.7	27.59	97.7	26.88	95.7	25.47
	5.0	4.1	100.9	30.51	99.0	28.75	97.1	27.12	96.1	26.45	94.2	25.77	92.3	24.41
	2.5	1.7	96.4	28.94	94.5	27.27	92.7	25.73	91.8	25.09	90.0	24.44	88.1	23.15
	0.0	-0.7	91.9	28.07	90.1	26.57	88.4	25.07	87.5	24.43	85.7	23.80	84.0	22.54
	-3.0	-3.7	86.2	27.14	84.6	25.69	82.9	24.24	82.1	23.62	80.5	23.01	78.8	21.78
	-5.0	-5.6	82.6	26.54	81.0	25.13	79.5	23.71	78.7	23.11	77.1	22.50	75.5	21.30
	-7.0	-7.6	78.9	25.91	77.4	24.53	75.9	23.14	75.1	22.56	73.6	21.97	72.1	20.79
	-10.0	-10.5	73.4	24.98	72.0	23.65	70.6	22.32	69.9	21.75	68.5	21.18	67.1	20.03
	-14.5	-15.0	64.9	23.50	63.7	22.25	62.4	21.00	61.8	20.46	60.6	19.92	59.3	18.84
	-19.5	-20.0	53.4	20.83	52.4	19.73	51.4	18.62	50.9	18.13	49.8	17.65	48.8	16.68
	-22.8	-23.0	45.4	18.56	44.6	17.58	43.7	16.60	43.3	16.16	42.4	15.73	41.5	14.86
	-24.8	-25.0	40.1	16.95	39.4	16.06	38.6	15.16	38.2	14.76	37.4	14.36	36.7	13.56
	-27.4	-28.0	32.2	14.36	31.5	13.60	30.9	12.84	30.6	12.50	30.0	12.16	29.4	11.48
	-29.9	-30.0	26.9	12.48	26.3	11.82	25.8	11.16	25.6	10.87	25.1	10.57	24.6	9.97

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP4561FT6P-UL/MMY-UP4561FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	157.9	47.06	154.9	44.53	151.9	42.00	150.4	40.96	147.3	39.93	144.3	37.85
	13.0	11.8	157.9	47.66	154.9	45.10	151.9	42.55	150.4	41.49	147.3	40.44	144.3	38.33
	11.0	9.8	157.9	48.34	154.9	45.74	151.9	43.15	150.4	42.08	147.3	41.01	144.3	38.86
	9.0	7.9	157.9	49.01	154.9	46.39	151.9	43.76	150.4	42.67	147.3	41.58	144.3	39.40
	8.3	6.1	157.9	49.69	154.9	47.03	151.9	44.37	150.4	43.26	147.3	42.15	144.3	39.94
	5.0	4.1	152.2	47.63	149.3	45.08	146.4	42.53	144.9	41.47	142.0	40.40	139.1	38.27
	2.5	1.7	145.3	45.07	142.6	42.76	139.8	40.35	138.4	39.33	135.6	38.32	132.9	36.29
	0.0	-0.7	138.5	44.01	135.9	41.66	133.2	39.30	131.9	38.31	129.3	37.32	126.6	35.34
	-3.0	-3.7	130.0	42.55	127.5	40.28	125.0	38.00	123.8	37.04	121.3	36.08	118.8	34.16
	-5.0	-5.6	124.6	41.62	122.2	39.40	119.8	37.17	118.7	36.23	116.3	35.29	113.9	33.40
	-7.0	-7.6	118.9	40.62	116.6	38.46	114.4	36.29	113.2	35.37	111.0	34.44	108.7	32.59
	-10.0	-10.5	110.7	39.17	108.6	37.08	106.5	34.99	105.4	34.10	103.3	33.20	101.2	31.41
	-14.5	-15.0	97.9	36.85	96.0	34.89	94.2	32.93	93.2	32.08	91.4	31.23	89.5	29.53
	-19.5	-20.0	80.5	32.66	79.0	30.93	77.4	29.19	76.7	28.43	75.1	27.67	73.6	26.15
	-22.8	-23.0	68.5	29.11	67.2	27.56	65.9	26.02	65.2	25.34	63.9	24.66	62.6	23.29
	-24.8	-25.0	60.5	26.58	59.4	25.18	58.2	23.77	57.6	23.14	56.5	22.52	55.3	21.27
	-27.4	-28.0	48.5	22.52	47.6	21.33	46.6	20.14	46.2	19.60	45.3	19.07	44.3	18.00
	-29.9	-30.0	40.5	19.57	39.7	18.54	39.0	17.50	38.6	17.04	37.8	16.57	37.0	15.64
110	15.0	13.7	161.0	47.28	158.0	44.74	154.9	42.20	153.4	41.16	150.3	40.11	147.2	38.02
	13.0	11.8	161.0	47.88	158.0	45.31	154.9	42.74	153.4	41.68	150.3	40.62	147.2	38.51
	11.0	9.8	161.0	48.56	158.0	45.96	154.9	43.35	153.4	42.27	150.3	41.20	147.2	39.04
	9.0	7.9	161.0	49.24	158.0	46.60	154.9	43.96	153.4	42.87	150.3	41.77	147.2	39.58
	8.3	6.1	161.0	49.93	158.0	47.25	154.9	44.58	153.4	43.46	150.3	42.35	147.2	40.12
	5.0	4.1	155.2	47.85	152.2	45.29	149.3	42.73	147.8	41.66	144.9	40.59	141.9	38.45
	2.5	1.7	148.2	45.28	145.4	42.96	142.6	40.53	141.2	39.52	138.4	38.50	135.5	36.46
	0.0	-0.7	141.3	44.21	138.6	41.85	135.9	39.49	134.6	38.49	131.9	37.50	129.2	35.51
	-3.0	-3.7	132.6	42.75	130.1	40.46	127.5	38.18	126.3	37.21	123.8	36.25	121.2	34.32
	-5.0	-5.6	127.1	41.81	124.7	39.58	122.2	37.35	121.0	36.40	118.6	35.45	116.2	33.55
	-7.0	-7.6	121.3	40.81	119.0	38.64	116.7	36.46	115.5	35.53	113.2	34.60	110.9	32.75
	-10.0	-10.5	112.9	39.35	110.7	37.25	108.6	35.16	107.5	34.26	105.4	33.36	103.2	31.56
	-14.5	-15.0	99.8	37.02	97.9	35.05	96.0	33.08	95.1	32.23	93.2	31.38	91.3	29.67
	-19.5	-20.0	82.1	32.81	80.6	31.07	79.0	29.33	78.2	28.57	76.6	27.80	75.1	26.28
	-22.8	-23.0	69.9	29.24	68.5	27.69	67.2	26.14	66.6	25.46	65.2	24.77	63.9	23.40
	-24.8	-25.0	61.7	26.71	60.5	25.29	59.4	23.88	58.8	23.25	57.6	22.62	56.4	21.37
	-27.4	-28.0	49.5	22.62	48.5	21.42	47.6	20.23	47.1	19.69	46.2	19.16	45.2	18.09
	-29.9	-30.0	41.3	19.66	40.5	18.62	39.7	17.59	39.3	17.12	38.5	16.65	37.8	15.71
120	15.0	13.7	165.8	47.95	162.6	45.37	159.4	42.80	157.9	41.74	154.7	40.68	151.6	38.56
	13.0	11.8	165.8	48.56	162.6	45.96	159.4	43.35	157.9	42.27	154.7	41.20	151.6	39.05
	11.0	9.8	165.8	49.25	162.6	46.61	159.4	43.96	157.9	42.87	154.7	41.78	151.6	39.60
	9.0	7.9	165.8	49.94	162.6	47.26	159.4	44.58	157.9	43.47	154.7	42.36	151.6	40.14
	8.3	6.1	165.8	50.63	162.6	47.92	159.4	45.21	157.9	44.08	154.7	42.95	151.6	40.69
	5.0	4.1	159.8	48.53	156.7	45.93	153.7	43.33	152.2	42.25	149.1	41.16	146.1	38.99
	2.5	1.7	152.6	45.92	149.7	43.57	146.8	41.11	145.3	40.07	142.4	39.04	139.5	36.98
	0.0	-0.7	145.4	44.84	142.7	42.44	139.9	40.04	138.5	39.03	135.7	38.03	133.0	36.01
	-3.0	-3.7	136.5	43.35	133.9	41.04	131.3	38.72	130.0	37.74	127.4	36.76	124.8	34.80
	-5.0	-5.6	130.8	42.40	128.3	40.14	125.8	37.87	124.6	36.91	122.1	35.95	119.6	34.03
	-7.0	-7.6	124.9	41.39	122.5	39.18	120.1	36.98	118.9	36.03	116.5	35.09	114.2	33.21
	-10.0	-10.5	116.2	39.91	114.0	37.78	111.8	35.65	110.7	34.74	108.5	33.83	106.2	32.00
	-14.5	-15.0	102.8	37.55	100.8	35.55	98.9	33.55	97.9	32.69	95.9	31.82	94.0	30.09
	-19.5	-20.0	84.5	33.28	82.9	31.51	81.3	29.75	80.5	28.97	78.9	28.20	77.3	26.65
	-22.8	-23.0	71.9	29.65	70.6	28.08	69.2	26.51	68.5	25.82	67.1	25.12	65.8	23.73
	-24.8	-25.0	63.5	27.08	62.3	25.65	61.1	24.22	60.5	23.58	59.3	22.94	58.1	21.67
	-27.4	-28.0	50.9	22.94	50.0	21.73	49.0	20.52	48.5	19.97	47.5	19.43	46.6	18.34
	-29.9	-30.0	42.5	19.94	41.7	18.89	40.9	17.83	40.5	17.36	39.7	16.88	38.9	15.94
130	15.0	13.7	169.7	48.37	166.5	45.77	163.2	43.17	161.6	42.11	158.4	41.04	155.2	38.90
	13.0	11.8	169.7	48.99	166.5	46.36	163.2	43.73	161.6	42.65	158.4	41.56	155.2	39.40
	11.0	9.8	169.7	49.68	166.5	47.02	163.2	44.35	161.6	43.25	158.4	42.15	155.2	39.95
	9.0	7.9	169.7	50.38	166.5	47.68	163.2	44.98	161.6	43.86	158.4	42.74	155.2	40.50
	8.3	6.1	169.7	51.08	166.5	48.34	163.2	45.61	161.6	44.47	158.4	43.33	155.2	41.05
	5.0	4.1	163.6	48.96	160.5	46.34	157.3	43.72	155.8	42.62	152.7	41.53	149.5	39.34
	2.5	1.7	156.2	46.32	153.3	43.96	150.3	41.47	148.8	40.43	145.8	39.39	142.8	37.31
	0.0	-0.7	148.9	45.24	146.1	42.82	143.2	40.40	141.8	39.38	139.0	38.36	136.1	36.33
	-3.0	-3.7	139.7	43.74	137.1	41.40	134.4	39.06	133.1	38.08	130.4	37.09	127.8	35.11
	-5.0	-5.6	133.9	42.78	131.4	40.49	128.8	38.21	127.6	37.24	125.0	36.27	122.5	34.33
	-7.0	-7.6	127.8	41.76	125.4	39.53	123.0	37.30	121.7	36.35	119.3	35.40	116.9	33.50
	-10.0	-10.5	119.0	40.26	116.7	38.11	114.4	35.97	113.3	35.05	111.0	34.13	108.8	32.29
	-14.5	-15.0	105.2	37.88	103.2	35.86	101.2	33.85	100.2	32.98	98.2	32.10	96.2	30.36
	-19.5	-20.0	86.6	33.57	84.9	31.79	83.3	30.01	82.4	29.23	80.8	28.45	79.1	26.88
	-22.8	-23.0	73.6	29.92	72.2	28.33	70.8	26.75	70.1	26.05	68.7	25.34	67.3	23.94
	-24.8	-25.0	65.0	27.32	63.8	25.88	62.6	24.43	61.9	23.79	60.7	23.15	59.5	21.86
	-27.4	-28.0	52.1	23.14	51.1	21.92	50.1	20.70	49.7	20.15	48.7	19.60	47.7	18.50
	-29.9	-30.0	43.5	20.12	42.7	19.05	41.9	17.99	41.5	17.51	40.6	17.03	39.8	16.08

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	142.1	41.90	139.4	39.65	136.7	37.40	135.3	36.47	132.6	35.55	129.9	33.70
	13.0	11.8	142.1	42.44	139.4	40.16	136.7	37.88	135.3	36.94	132.6	36.00	129.9	34.12
	11.0	9.8	142.1	43.04	139.4	40.73	136.7	38.42	135.3	37.46	132.6	36.51	129.9	34.60
	9.0	7.9	142.1	43.64	139.4	41.30	136.7	38.96	135.3	37.99	132.6	37.02	129.9	35.08
	8.3	6.1	142.1	44.25	139.4	41.87	136.7	39.50	135.3	38.52	132.6	37.53	129.9	35.56
	5.0	4.1	136.9	42.41	134.3	40.14	131.7	37.87	130.4	36.92	127.8	35.97	125.2	34.08
	2.5	1.7	130.8	40.12	128.3	38.07	125.8	35.92	124.6	35.02	122.1	34.12	119.6	32.31
	0.0	-0.7	124.7	39.18	122.3	37.09	119.9	34.99	118.7	34.11	116.4	33.23	114.0	31.47
	-3.0	-3.7	117.0	37.88	114.8	35.86	112.5	33.84	111.4	32.98	109.2	32.12	107.0	30.41
	-5.0	-5.6	112.1	37.05	110.0	35.08	107.9	33.10	106.8	32.26	104.7	31.42	102.5	29.74
	-7.0	-7.6	107.0	36.17	105.0	34.24	102.9	32.31	101.9	31.49	99.9	30.67	97.8	29.02
	-10.0	-10.5	99.6	34.87	97.7	33.01	95.8	31.16	94.9	30.36	93.0	29.56	91.1	27.97
	-14.5	-15.0	88.1	32.81	86.4	31.06	84.7	29.32	83.9	28.56	82.2	27.81	80.5	26.29
	-19.5	-20.0	72.5	29.08	71.1	27.54	69.7	25.99	69.0	25.32	67.6	24.64	66.3	23.29
	-22.8	-23.0	61.7	25.91	60.5	24.54	59.3	23.17	58.7	22.56	57.5	21.95	56.4	20.74
	-24.8	-25.0	54.5	23.67	53.4	22.42	52.4	21.16	51.9	20.61	50.8	20.05	49.8	18.93
	-27.4	-28.0	43.6	20.05	42.8	18.99	42.0	17.93	41.6	17.45	40.7	16.98	39.9	16.03
	-29.9	-30.0	36.4	17.42	35.7	16.50	35.1	15.58	34.7	15.17	34.0	14.75	33.3	13.92
80	15.0	13.7	126.3	36.85	123.9	34.87	121.5	32.89	120.3	32.08	117.9	31.26	115.5	29.64
	13.0	11.8	126.3	37.32	123.9	35.32	121.5	33.31	120.3	32.49	117.9	31.66	115.5	30.01
	11.0	9.8	126.3	37.85	123.9	35.82	121.5	33.79	120.3	32.95	117.9	32.11	115.5	30.43
	9.0	7.9	126.3	38.38	123.9	36.32	121.5	34.26	120.3	33.41	117.9	32.56	115.5	30.85
	8.3	6.1	126.3	38.91	123.9	36.83	121.5	34.74	120.3	33.87	117.9	33.01	115.5	31.27
	5.0	4.1	121.7	37.30	119.4	35.30	117.1	33.30	115.9	32.47	113.6	31.63	111.3	29.97
	2.5	1.7	116.3	35.29	114.1	33.48	111.8	31.59	110.7	30.80	108.5	30.00	106.3	28.42
	0.0	-0.7	110.8	34.46	108.7	32.62	106.6	30.77	105.5	30.00	103.4	29.22	101.3	27.67
	-3.0	-3.7	104.0	33.32	102.0	31.54	100.0	29.76	99.0	29.00	97.1	28.25	95.1	26.75
	-5.0	-5.6	99.7	32.59	97.8	30.85	95.9	29.11	94.9	28.37	93.0	27.63	91.1	26.15
	-7.0	-7.6	95.1	31.81	93.3	30.11	91.5	28.42	90.6	27.69	88.8	26.97	87.0	25.52
	-10.0	-10.5	88.5	30.67	86.8	29.03	85.2	27.40	84.3	26.70	82.6	26.00	80.9	24.60
	-14.5	-15.0	78.3	28.85	76.8	27.32	75.3	25.79	74.6	25.12	73.1	24.45	71.6	23.12
	-19.5	-20.0	64.4	25.57	63.2	24.22	62.0	22.86	61.3	22.26	60.1	21.67	58.9	20.48
	-22.8	-23.0	54.8	22.79	53.8	21.58	52.7	20.37	52.2	19.84	51.2	19.31	50.1	18.24
	-24.8	-25.0	48.4	20.82	47.5	19.71	46.6	18.61	46.1	18.12	45.2	17.63	44.3	16.65
	-27.4	-28.0	38.8	17.63	38.1	16.70	37.3	15.77	37.0	15.35	36.2	14.93	35.5	14.10
	-29.9	-30.0	32.4	15.32	31.8	14.51	31.2	13.71	30.9	13.34	30.2	12.98	29.6	12.25
70	15.0	13.7	110.5	31.90	108.4	30.19	106.3	28.48	105.2	27.77	103.1	27.07	101.0	25.66
	13.0	11.8	110.5	32.31	108.4	30.58	106.3	28.84	105.2	28.13	103.1	27.41	101.0	25.98
	11.0	9.8	110.5	32.77	108.4	31.01	106.3	29.25	105.2	28.53	103.1	27.80	101.0	26.35
	9.0	7.9	110.5	33.23	108.4	31.45	106.3	29.67	105.2	28.93	103.1	28.19	101.0	26.71
	8.3	6.1	110.5	33.69	108.4	31.88	106.3	30.08	105.2	29.33	103.1	28.58	101.0	27.08
	5.0	4.1	106.5	32.29	104.5	30.56	102.5	28.83	101.4	28.11	99.4	27.39	97.4	25.95
	2.5	1.7	101.7	30.55	99.8	28.99	97.9	27.35	96.9	26.67	95.0	25.98	93.0	24.60
	0.0	-0.7	97.0	29.84	95.1	28.24	93.3	26.64	92.3	25.97	90.5	25.30	88.6	23.96
	-3.0	-3.7	91.0	28.85	89.3	27.31	87.5	25.76	86.7	25.11	84.9	24.46	83.2	23.16
	-5.0	-5.6	87.2	28.21	85.6	26.71	83.9	25.20	83.1	24.56	81.4	23.92	79.7	22.64
	-7.0	-7.6	83.2	27.54	81.6	26.07	80.1	24.60	79.3	23.98	77.7	23.35	76.1	22.10
	-10.0	-10.5	77.5	26.55	76.0	25.14	74.5	23.72	73.8	23.12	72.3	22.51	70.8	21.29
	-14.5	-15.0	68.5	24.98	67.2	23.65	65.9	22.33	65.3	21.75	63.9	21.17	62.6	20.02
	-19.5	-20.0	56.4	22.14	55.3	20.97	54.2	19.79	53.7	19.28	52.6	18.76	51.5	17.73
	-22.8	-23.0	48.0	19.73	47.0	18.69	46.1	17.64	45.7	17.18	44.8	16.72	43.8	15.79
	-24.8	-25.0	42.4	18.02	41.5	17.07	40.7	16.11	40.3	15.69	39.5	15.27	38.7	14.42
	-27.4	-28.0	33.9	15.26	33.3	14.46	32.7	13.65	32.3	13.29	31.7	12.93	31.0	12.20
	-29.9	-30.0	28.3	13.27	27.8	12.57	27.3	11.87	27.0	11.55	26.5	11.23	25.9	10.60

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP4801FT6P-UL/MMY-UP4801FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	166.2	50.39	163.0	47.68	159.8	44.97	158.3	43.86	155.1	42.75	151.9	40.53
	13.0	11.8	166.2	51.03	163.0	48.29	159.8	45.56	158.3	44.43	155.1	43.30	151.9	41.04
	11.0	9.8	166.2	51.75	163.0	48.98	159.8	46.20	158.3	45.05	155.1	43.91	151.9	41.61
	9.0	7.9	166.2	52.48	163.0	49.46	159.8	46.85	158.3	45.69	155.1	44.52	151.9	42.19
	8.3	6.1	166.2	52.55	163.0	49.46	159.8	47.51	158.3	46.32	155.1	45.13	151.9	42.76
	5.0	4.1	160.2	49.57	157.1	48.27	154.1	45.54	152.5	44.40	149.5	43.26	146.4	40.98
	2.5	1.7	153.0	46.07	150.1	45.79	147.2	43.20	145.7	42.11	142.8	41.03	139.9	38.86
	0.0	-0.7	145.8	46.29	143.0	44.60	140.3	42.08	138.9	41.02	136.1	39.96	133.3	37.84
	-3.0	-3.7	136.8	45.56	134.2	43.13	131.6	40.69	130.3	39.66	127.7	38.63	125.1	36.57
	-5.0	-5.6	131.1	44.56	128.6	42.18	126.2	39.80	124.9	38.79	122.4	37.78	119.9	35.76
	-7.0	-7.6	125.2	43.50	122.8	41.18	120.4	38.86	119.2	37.87	116.8	36.88	114.4	34.90
	-10.0	-10.5	116.5	41.94	114.3	39.70	112.1	37.47	110.9	36.51	108.7	35.55	106.5	33.63
	-14.5	-15.0	103.0	39.46	101.1	37.36	99.1	35.26	98.1	34.35	96.2	33.44	94.2	31.62
	-19.5	-20.0	84.8	34.97	83.1	33.12	81.5	31.26	80.7	30.45	79.1	29.63	77.5	28.00
	-22.8	-23.0	72.1	31.16	70.7	29.51	69.4	27.86	68.7	27.13	67.3	26.40	65.9	24.94
	-24.8	-25.0	63.7	28.46	62.5	26.96	61.3	25.45	60.7	24.78	59.4	24.11	58.2	22.77
	-27.4	-28.0	51.0	24.11	50.1	22.83	49.1	21.56	48.6	20.99	47.6	20.42	46.7	19.27
	-29.9	-30.0	42.6	20.95	41.8	19.85	41.0	18.74	40.6	18.24	39.8	17.74	39.0	16.75
110	15.0	13.7	169.5	50.62	166.3	47.90	163.0	45.18	161.4	44.07	158.2	42.95	155.0	40.71
	13.0	11.8	169.5	51.27	166.3	48.52	163.0	45.77	161.4	44.63	158.2	43.50	155.0	41.23
	11.0	9.8	169.5	52.00	166.3	49.21	163.0	46.42	161.4	45.26	158.2	44.11	155.0	41.80
	9.0	7.9	169.5	52.73	166.3	49.69	163.0	47.07	161.4	45.90	158.2	44.73	155.0	42.38
	8.3	6.1	169.5	52.79	166.3	49.69	163.0	47.73	161.4	46.54	158.2	45.34	155.0	42.96
	5.0	4.1	163.4	49.80	160.3	48.49	157.1	45.75	155.6	44.61	152.5	43.46	149.4	41.17
	2.5	1.7	156.0	46.29	153.1	46.00	150.1	43.40	148.6	42.31	145.6	41.22	142.7	39.04
	0.0	-0.7	148.7	46.50	145.9	44.81	143.1	42.28	141.6	41.21	138.8	40.15	136.0	38.02
	-3.0	-3.7	139.6	45.77	136.9	43.33	134.3	40.88	132.9	39.85	130.3	38.81	127.6	36.74
	-5.0	-5.6	133.8	44.77	131.2	42.38	128.7	39.99	127.4	38.97	124.9	37.96	122.3	35.93
	-7.0	-7.6	127.7	43.70	125.2	41.37	122.8	39.04	121.6	38.04	119.2	37.05	116.7	35.06
	-10.0	-10.5	118.8	42.13	116.6	39.89	114.3	37.64	113.2	36.68	110.9	35.72	108.6	33.79
	-14.5	-15.0	105.1	39.64	103.1	37.53	101.1	35.42	100.1	34.51	98.1	33.60	96.1	31.77
	-19.5	-20.0	86.4	35.13	84.8	33.27	83.2	31.41	82.3	30.59	80.7	29.77	79.0	28.13
	-22.8	-23.0	73.6	31.31	72.2	29.65	70.8	27.99	70.1	27.26	68.7	26.52	67.3	25.06
	-24.8	-25.0	65.0	28.60	63.7	27.08	62.5	25.57	61.9	24.90	60.6	24.22	59.4	22.88
	-27.4	-28.0	52.1	24.22	51.1	22.94	50.1	21.66	49.6	21.09	48.6	20.51	47.6	19.36
	-29.9	-30.0	43.5	21.05	42.6	19.94	41.8	18.83	41.4	18.33	40.6	17.83	39.8	16.82
120	15.0	13.7	174.5	51.34	171.2	48.58	167.8	45.82	166.2	44.69	162.9	43.56	159.5	41.29
	13.0	11.8	174.5	52.00	171.2	49.21	167.8	46.41	166.2	45.26	162.9	44.11	159.5	41.81
	11.0	9.8	174.5	52.73	171.2	49.90	167.8	47.07	166.2	45.90	162.9	44.73	159.5	42.40
	9.0	7.9	174.5	53.47	171.2	50.39	167.8	47.74	166.2	46.55	162.9	45.36	159.5	42.98
	8.3	6.1	174.5	53.54	171.2	50.39	167.8	48.40	166.2	47.19	162.9	45.99	159.5	43.57
	5.0	4.1	168.2	50.50	165.0	49.18	161.8	46.40	160.2	45.24	157.0	44.07	153.8	41.75
	2.5	1.7	160.6	46.94	157.6	46.65	154.5	44.01	153.0	42.91	149.9	41.80	146.9	39.59
	0.0	-0.7	153.1	47.16	150.2	45.44	147.3	42.88	145.8	41.80	142.9	40.72	140.0	38.55
	-3.0	-3.7	143.7	46.42	140.9	43.94	138.2	41.46	136.8	40.41	134.1	39.36	131.4	37.26
	-5.0	-5.6	137.7	45.40	135.1	42.98	132.5	40.55	131.1	39.52	128.5	38.49	125.9	36.44
	-7.0	-7.6	131.4	44.32	128.9	41.95	126.4	39.59	125.2	38.58	122.7	37.57	120.2	35.56
	-10.0	-10.5	122.3	42.73	120.0	40.45	117.7	38.17	116.5	37.20	114.2	36.22	111.8	34.27
	-14.5	-15.0	108.2	40.20	106.1	38.06	104.1	35.93	103.0	35.00	101.0	34.07	98.9	32.22
	-19.5	-20.0	89.0	35.63	87.3	33.74	85.6	31.85	84.8	31.02	83.1	30.19	81.4	28.53
	-22.8	-23.0	75.7	31.75	74.3	30.07	72.8	28.39	72.1	27.64	70.7	26.90	69.2	25.41
	-24.8	-25.0	66.9	29.00	65.6	27.47	64.3	25.93	63.7	25.25	62.4	24.57	61.1	23.20
	-27.4	-28.0	53.6	24.56	52.6	23.26	51.6	21.97	51.0	21.38	50.0	20.80	49.0	19.64
	-29.9	-30.0	44.8	21.35	43.9	20.22	43.1	19.10	42.6	18.59	41.8	18.08	40.9	17.06
130	15.0	13.7	178.6	51.79	175.2	49.01	171.8	46.23	170.1	45.09	166.7	43.94	163.3	41.66
	13.0	11.8	178.6	52.46	175.2	49.64	171.8	46.83	170.1	45.67	166.7	44.50	163.3	42.18
	11.0	9.8	178.6	53.20	175.2	50.34	171.8	47.49	170.1	46.31	166.7	45.13	163.3	42.77
	9.0	7.9	178.6	53.95	175.2	50.84	171.8	48.16	170.1	46.96	166.7	45.76	163.3	43.36
	8.3	6.1	178.6	54.02	175.2	50.84	171.8	48.83	170.1	47.61	166.7	46.39	163.3	43.96
	5.0	4.1	172.2	50.95	168.9	49.62	165.6	46.81	164.0	45.64	160.7	44.47	157.4	42.12
	2.5	1.7	164.5	47.36	161.3	47.07	158.2	44.40	156.6	43.29	153.5	42.17	150.4	39.94
	0.0	-0.7	156.7	47.58	153.8	45.85	150.8	43.26	149.3	42.17	146.3	41.08	143.3	38.90
	-3.0	-3.7	147.1	46.83	144.3	44.33	141.5	41.83	140.1	40.77	137.3	39.71	134.5	37.59
	-5.0	-5.6	141.0	45.80	138.3	43.36	135.6	40.91	134.3	39.87	131.6	38.84	128.9	36.76
	-7.0	-7.6	134.6	44.71	132.0	42.33	129.4	39.94	128.1	38.92	125.6	37.91	123.0	35.87
	-10.0	-10.5	125.2	43.11	122.8	40.81	120.5	38.51	119.3	37.53	116.9	36.54	114.5	34.57
	-14.5	-15.0	110.8	40.56	108.6	38.40	106.5	36.24	105.5	35.31	103.4	34.37	101.3	32.50
	-19.5	-20.0	91.1	35.95	89.4	34.04	87.6	32.13	86.8	31.29	85.0	30.46	83.3	28.78
	-22.8	-23.0	77.5	32.03	76.0	30.34	74.6	28.64	73.8	27.89	72.4	27.14	70.9	25.64
	-24.8	-25.0	68.5	29.26	67.2	27.71	65.9	26.16	65.2	25.47	63.9	24.78	62.6	23.41
	-27.4	-28.0	54.9	24.78	53.8	23.47	52.8	22.16	52.3	21.57	51.2	20.99	50.2	19.81
	-29.9	-30.0	45.8	21.54	44.9	20.40	44.1	19.26	43.6	18.75	42.8	18.24	41.9	17.21

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	149.6	44.86	146.7	42.45	143.9	40.04	142.4	39.05	139.6	38.06	136.7	36.08
	13.0	11.8	149.6	45.44	146.7	43.00	143.9	40.56	142.4	39.55	139.6	38.55	136.7	36.54
	11.0	9.8	149.6	46.08	146.7	43.61	143.9	41.14	142.4	40.11	139.6	39.09	136.7	37.05
	9.0	7.9	149.6	46.73	146.7	44.04	143.9	41.72	142.4	40.68	139.6	39.64	136.7	37.56
	8.3	6.1	149.6	46.79	146.7	44.04	143.9	42.30	142.4	41.24	139.6	40.19	136.7	38.07
	5.0	4.1	144.1	44.13	141.4	42.98	138.7	40.54	137.3	39.53	134.5	38.52	131.8	36.49
	2.5	1.7	137.7	41.02	135.1	40.77	132.4	38.46	131.1	37.50	128.5	36.53	125.9	34.60
	0.0	-0.7	131.2	41.21	128.7	39.71	126.2	37.47	125.0	36.52	122.5	35.58	120.0	33.69
	-3.0	-3.7	123.1	40.56	120.8	38.40	118.5	36.23	117.3	35.31	114.9	34.40	112.6	32.56
	-5.0	-5.6	118.0	39.67	115.8	37.56	113.5	35.44	112.4	34.54	110.2	33.64	107.9	31.84
	-7.0	-7.6	112.6	38.73	110.5	36.66	108.4	34.60	107.3	33.72	105.1	32.83	103.0	31.07
	-10.0	-10.5	104.8	37.34	102.8	35.35	100.8	33.36	99.8	32.51	97.9	31.65	95.9	29.94
	-14.5	-15.0	92.7	35.13	91.0	33.26	89.2	31.39	88.3	30.58	86.5	29.77	84.8	28.15
	-19.5	-20.0	76.3	31.14	74.8	29.48	73.4	27.83	72.6	27.11	71.2	26.38	69.7	24.93
	-22.8	-23.0	64.9	27.75	63.7	26.28	62.4	24.81	61.8	24.16	60.6	23.51	59.3	22.21
	-24.8	-25.0	57.3	25.34	56.2	24.00	55.1	22.66	54.6	22.06	53.5	21.47	52.4	20.27
	-27.4	-28.0	45.9	21.46	45.1	20.33	44.2	19.20	43.8	18.69	42.9	18.18	42.0	17.16
	-29.9	-30.0	38.4	18.66	37.6	17.67	36.9	16.69	36.5	16.24	35.8	15.80	35.1	14.91
80	15.0	13.7	132.9	39.45	130.4	37.33	127.9	35.22	126.6	34.34	124.1	33.47	121.5	31.73
	13.0	11.8	132.9	39.96	130.4	37.82	127.9	35.67	126.6	34.79	124.1	33.90	121.5	32.13
	11.0	9.8	132.9	40.52	130.4	38.35	127.9	36.18	126.6	35.28	124.1	34.38	121.5	32.58
	9.0	7.9	132.9	41.09	130.4	38.73	127.9	36.69	126.6	35.77	124.1	34.86	121.5	33.03
	8.3	6.1	132.9	41.15	130.4	38.73	127.9	37.20	126.6	36.27	124.1	35.34	121.5	33.48
	5.0	4.1	128.1	38.81	125.7	37.80	123.2	35.66	122.0	34.76	119.6	33.87	117.1	32.09
	2.5	1.7	122.4	36.08	120.1	35.85	117.7	33.83	116.6	32.98	114.2	32.13	111.9	30.43
	0.0	-0.7	116.6	36.25	114.4	34.92	112.2	32.95	111.1	32.12	108.9	31.29	106.6	29.63
	-3.0	-3.7	109.5	35.67	107.4	33.77	105.3	31.86	104.3	31.06	102.2	30.25	100.1	28.64
	-5.0	-5.6	104.9	34.89	102.9	33.03	100.9	31.17	99.9	30.37	97.9	29.58	95.9	28.00
	-7.0	-7.6	100.1	34.06	98.2	32.24	96.3	30.43	95.4	29.65	93.5	28.88	91.5	27.33
	-10.0	-10.5	93.2	32.84	91.4	31.09	89.6	29.34	88.8	28.59	87.0	27.84	85.2	26.33
	-14.5	-15.0	82.4	30.90	80.9	29.25	79.3	27.61	78.5	26.90	76.9	26.18	75.4	24.76
	-19.5	-20.0	67.8	27.38	66.5	25.93	65.2	24.48	64.6	23.84	63.3	23.20	62.0	21.93
	-22.8	-23.0	57.7	24.40	56.6	23.11	55.5	21.82	54.9	21.24	53.8	20.67	52.7	19.53
	-24.8	-25.0	51.0	22.29	50.0	21.11	49.0	19.93	48.5	19.40	47.6	18.88	46.6	17.83
	-27.4	-28.0	40.8	18.88	40.1	17.88	39.3	16.88	38.9	16.43	38.1	15.99	37.3	15.09
	-29.9	-30.0	34.1	16.41	33.5	15.54	32.8	14.68	32.5	14.28	31.8	13.89	31.2	13.11
70	15.0	13.7	116.3	34.16	114.1	32.32	111.9	30.49	110.8	29.74	108.6	28.98	106.4	27.47
	13.0	11.8	116.3	34.60	114.1	32.74	111.9	30.88	110.8	30.12	108.6	29.35	106.4	27.82
	11.0	9.8	116.3	35.09	114.1	33.20	111.9	31.32	110.8	30.54	108.6	29.77	106.4	28.21
	9.0	7.9	116.3	35.58	114.1	33.53	111.9	31.76	110.8	30.97	108.6	30.18	106.4	28.60
	8.3	6.1	116.3	35.63	114.1	33.53	111.9	32.21	110.8	31.40	108.6	30.60	106.4	28.99
	5.0	4.1	112.1	33.60	110.0	32.72	107.8	30.87	106.8	30.10	104.6	29.33	102.5	27.78
	2.5	1.7	107.1	31.24	105.0	31.04	103.0	29.29	102.0	28.55	99.9	27.82	97.9	26.34
	0.0	-0.7	102.1	31.38	100.1	30.24	98.2	28.53	97.2	27.81	95.3	27.09	93.3	25.65
	-3.0	-3.7	95.8	30.89	94.0	29.24	92.1	27.59	91.2	26.89	89.4	26.19	87.6	24.79
	-5.0	-5.6	91.8	30.21	90.1	28.60	88.3	26.98	87.4	26.30	85.7	25.61	83.9	24.24
	-7.0	-7.6	87.6	29.49	85.9	27.92	84.3	26.34	83.4	25.67	81.8	25.00	80.1	23.66
	-10.0	-10.5	81.5	28.43	80.0	26.92	78.4	25.40	77.7	24.75	76.1	24.10	74.6	22.80
	-14.5	-15.0	72.1	26.75	70.7	25.33	69.4	23.90	68.7	23.29	67.3	22.67	65.9	21.44
	-19.5	-20.0	59.3	23.71	58.2	22.45	57.1	21.19	56.5	20.64	55.4	20.09	54.2	18.98
	-22.8	-23.0	50.5	21.13	49.5	20.01	48.6	18.89	48.1	18.39	47.1	17.90	46.2	16.91
	-24.8	-25.0	44.6	19.30	43.7	18.28	42.9	17.25	42.5	16.80	41.6	16.35	40.8	15.44
	-27.4	-28.0	35.7	16.34	35.1	15.48	34.4	14.62	34.0	14.23	33.4	13.84	32.7	13.07
	-29.9	-30.0	29.8	14.21	29.3	13.46	28.7	12.71	28.4	12.37	27.8	12.03	27.3	11.35

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP5041FT6P-UL/MMY-UP5041FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	174.5	53.63	171.2	50.94	167.8	48.05	166.2	46.86	162.9	45.67	159.5	43.30
	13.0	11.8	174.5	53.64	171.2	51.31	167.8	48.67	166.2	47.46	162.9	46.26	159.5	43.84
	11.0	9.8	174.5	53.65	171.2	51.68	167.8	49.36	166.2	48.13	162.9	46.91	159.5	44.46
	9.0	7.9	174.5	53.66	171.2	52.04	167.8	50.06	166.2	48.81	162.9	47.56	159.5	45.07
	8.3	6.1	174.5	53.70	171.2	52.17	167.8	50.75	166.2	49.49	162.9	48.22	159.5	45.69
	5.0	4.1	168.2	50.65	165.0	49.79	161.8	48.65	160.2	47.43	157.0	46.22	153.8	43.78
	2.5	1.7	160.6	47.08	157.6	46.60	154.5	46.15	153.0	44.99	149.9	43.83	146.9	41.52
	0.0	-0.7	153.1	47.30	150.2	47.30	147.3	44.96	145.8	43.83	142.9	42.69	140.0	40.43
	-3.0	-3.7	143.7	47.69	140.9	46.07	138.2	43.47	136.8	42.37	134.1	41.27	131.4	39.07
	-5.0	-5.6	137.7	47.61	135.1	45.07	132.5	42.52	131.1	41.44	128.5	40.36	125.9	38.21
	-7.0	-7.6	131.4	46.47	128.9	43.99	126.4	41.51	125.2	40.46	122.7	39.40	120.2	37.28
	-10.0	-10.5	122.3	44.80	120.0	42.42	117.7	40.03	116.5	39.00	114.2	37.98	111.8	35.93
	-14.5	-15.0	108.2	42.15	106.1	39.91	104.1	37.67	103.0	36.70	101.0	35.73	98.9	33.78
	-19.5	-20.0	89.0	37.36	87.3	35.38	85.6	33.40	84.8	32.53	83.1	31.66	81.4	29.92
	-22.8	-23.0	75.7	33.29	74.3	31.53	72.8	29.77	72.1	28.99	70.7	28.21	69.2	26.65
	-24.8	-25.0	66.9	30.41	65.6	28.80	64.3	27.19	63.7	26.47	62.4	25.76	61.1	24.33
	-27.4	-28.0	53.6	25.76	52.6	24.39	51.6	23.03	51.0	22.42	50.0	21.81	49.0	20.59
	-29.9	-30.0	44.8	22.39	43.9	21.21	43.1	20.02	42.6	19.49	41.8	18.96	40.9	17.89
110	15.0	13.7	178.0	53.88	174.6	51.18	171.2	48.27	169.5	47.08	166.1	45.89	162.7	43.50
	13.0	11.8	178.0	53.89	174.6	51.55	171.2	48.90	169.5	47.68	166.1	46.47	162.7	44.05
	11.0	9.8	178.0	53.90	174.6	51.92	171.2	49.59	169.5	48.36	166.1	47.13	162.7	44.66
	9.0	7.9	178.0	53.91	174.6	52.29	171.2	50.29	169.5	49.04	166.1	47.78	162.7	45.28
	8.3	6.1	178.0	53.95	174.6	52.42	171.2	50.99	169.5	49.72	166.1	48.45	162.7	45.90
	5.0	4.1	171.5	50.89	168.3	50.02	165.0	48.88	163.4	47.65	160.1	46.43	156.8	43.98
	2.5	1.7	163.8	47.30	160.7	46.81	157.6	46.37	156.0	45.20	152.9	44.04	149.8	41.71
	0.0	-0.7	156.2	47.52	153.2	47.52	150.2	45.17	148.7	44.03	145.7	42.89	142.8	40.62
	-3.0	-3.7	146.5	47.91	143.8	46.29	141.0	43.68	139.6	42.57	136.8	41.47	134.0	39.25
	-5.0	-5.6	140.5	47.83	137.8	45.28	135.1	42.72	133.8	41.64	131.1	40.55	128.4	38.38
	-7.0	-7.6	134.1	46.69	131.5	44.20	128.9	41.71	127.7	40.64	125.1	39.58	122.6	37.46
	-10.0	-10.5	124.8	45.01	122.4	42.61	120.0	40.22	118.8	39.19	116.4	38.16	114.1	36.10
	-14.5	-15.0	110.3	42.35	108.2	40.10	106.1	37.85	105.1	36.87	103.0	35.89	100.9	33.94
	-19.5	-20.0	90.8	37.54	89.0	35.54	87.3	33.55	86.4	32.68	84.7	31.80	83.0	30.06
	-22.8	-23.0	77.2	33.45	75.8	31.68	74.3	29.90	73.6	29.12	72.1	28.34	70.6	26.77
	-24.8	-25.0	68.2	30.55	66.9	28.93	65.6	27.32	65.0	26.60	63.7	25.88	62.4	24.44
	-27.4	-28.0	54.7	25.88	53.6	24.51	52.6	23.14	52.1	22.53	51.0	21.91	50.0	20.69
	-29.9	-30.0	45.7	22.49	44.8	21.30	43.9	20.12	43.5	19.58	42.6	19.05	41.7	17.97
120	15.0	13.7	183.2	54.64	179.7	51.90	176.2	48.96	174.5	47.74	171.0	46.53	167.5	44.11
	13.0	11.8	183.2	54.65	179.7	52.28	176.2	49.59	174.5	48.36	171.0	47.13	167.5	44.67
	11.0	9.8	183.2	54.67	179.7	52.65	176.2	50.29	174.5	49.04	171.0	47.79	167.5	45.29
	9.0	7.9	183.2	54.68	179.7	53.03	176.2	51.00	174.5	49.73	171.0	48.46	167.5	45.92
	8.3	6.1	183.2	54.71	179.7	53.16	176.2	51.71	174.5	50.42	171.0	49.13	167.5	46.55
	5.0	4.1	176.6	51.61	173.2	50.72	169.9	49.57	168.2	48.33	164.8	47.09	161.4	44.61
	2.5	1.7	168.7	47.97	165.5	47.48	162.2	47.02	160.6	45.84	157.4	44.66	154.2	42.30
	0.0	-0.7	160.7	48.19	157.7	48.19	154.6	45.81	153.1	44.65	150.0	43.50	147.0	41.19
	-3.0	-3.7	150.9	48.59	148.0	46.94	145.1	44.29	143.7	43.17	140.8	42.05	137.9	39.81
	-5.0	-5.6	144.6	48.51	141.8	45.92	139.1	43.33	137.7	42.23	135.0	41.13	132.2	38.93
	-7.0	-7.6	138.0	47.35	135.4	44.82	132.7	42.30	131.4	41.22	128.8	40.14	126.2	37.99
	-10.0	-10.5	128.4	45.65	126.0	43.22	123.5	40.78	122.3	39.74	119.9	38.70	117.4	36.61
	-14.5	-15.0	113.6	42.95	111.4	40.67	109.3	38.38	108.2	37.39	106.0	36.40	103.9	34.42
	-19.5	-20.0	93.4	38.07	91.7	36.05	89.9	34.03	89.0	33.14	87.2	32.25	85.4	30.48
	-22.8	-23.0	79.5	33.92	78.0	32.13	76.5	30.33	75.7	29.53	74.2	28.74	72.7	27.15
	-24.8	-25.0	70.2	30.98	68.9	29.34	67.5	27.70	66.9	26.97	65.5	26.24	64.2	24.79
	-27.4	-28.0	56.3	26.24	55.2	24.86	54.1	23.47	53.6	22.85	52.5	22.22	51.5	20.98
	-29.9	-30.0	47.0	22.81	46.1	21.61	45.2	20.40	44.8	19.86	43.9	19.31	43.0	18.23
130	15.0	13.7	187.6	55.13	184.0	52.36	180.4	49.39	178.6	48.17	175.1	46.95	171.5	44.50
	13.0	11.8	187.6	55.14	184.0	52.74	180.4	50.03	178.6	48.79	175.1	47.55	171.5	45.07
	11.0	9.8	187.6	55.15	184.0	53.12	180.4	50.74	178.6	49.48	175.1	48.22	171.5	45.70
	9.0	7.9	187.6	55.16	184.0	53.50	180.4	51.45	178.6	50.17	175.1	48.89	171.5	46.33
	8.3	6.1	187.6	55.20	184.0	53.63	180.4	52.17	178.6	50.87	175.1	49.57	171.5	46.96
	5.0	4.1	180.8	52.07	177.3	51.17	173.9	50.01	172.2	48.76	168.7	47.51	165.3	45.00
	2.5	1.7	172.7	48.40	169.4	47.90	166.1	47.44	164.5	46.25	161.2	45.06	157.9	42.67
	0.0	-0.7	164.6	48.62	161.4	48.62	158.3	46.21	156.7	45.05	153.6	43.88	150.5	41.55
	-3.0	-3.7	154.4	49.02	151.5	47.36	148.6	44.69	147.1	43.56	144.2	42.42	141.2	40.16
	-5.0	-5.6	148.0	48.93	145.2	46.32	142.4	43.71	141.0	42.60	138.2	41.49	135.3	39.27
	-7.0	-7.6	141.3	47.77	138.6	45.22	135.9	42.67	134.6	41.58	131.9	40.50	129.2	38.32
	-10.0	-10.5	131.5	46.05	129.0	43.60	126.5	41.15	125.2	40.09	122.7	39.04	120.2	36.93
	-14.5	-15.0	116.3	43.33	114.1	41.03	111.9	38.72	110.8	37.72	108.5	36.72	106.3	34.73
	-19.5	-20.0	95.7	38.40	93.8	36.37	92.0	34.33	91.1	33.43	89.3	32.54	87.5	30.75
	-22.8	-23.0	81.4	34.22	79.8	32.41	78.3	30.60	77.5	29.79	76.0	28.99	74.4	27.39
	-24.8	-25.0	71.9	31.26	70.5	29.60	69.1	27.95	68.5	27.21	67.1	26.48	65.7	25.01
	-27.4	-28.0	57.6	26.47	56.5	25.08	55.4	23.68	54.9	23.05	53.8	22.42	52.7	21.17
	-29.9	-30.0	48.1	23.01	47.2	21.80	46.3	20.58	45.8	20.03	44.9	19.49	44.0	18.39

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	157.0	47.75	154.0	45.35	151.1	42.78	149.6	41.72	146.6	40.66	143.6	38.55
	13.0	11.8	157.0	47.76	154.0	45.68	151.1	43.33	149.6	42.26	146.6	41.18	143.6	39.04
	11.0	9.8	157.0	47.77	154.0	46.01	151.1	43.95	149.6	42.86	146.6	41.76	143.6	39.58
	9.0	7.9	157.0	47.78	154.0	46.34	151.1	44.57	149.6	43.46	146.6	42.35	143.6	40.13
	8.3	6.1	157.0	47.81	154.0	46.45	151.1	45.19	149.6	44.06	146.6	42.93	143.6	40.68
	5.0	4.1	151.4	45.10	148.5	44.33	145.6	43.32	144.1	42.23	141.3	41.15	138.4	38.98
	2.5	1.7	144.6	41.92	141.8	41.49	139.1	41.09	137.7	40.06	134.9	39.03	132.2	36.96
	0.0	-0.7	137.8	42.12	135.2	42.12	132.5	40.03	131.2	39.02	128.6	38.01	126.0	35.99
	-3.0	-3.7	129.3	42.46	126.8	41.02	124.4	38.71	123.1	37.73	120.7	36.75	118.2	34.79
	-5.0	-5.6	123.9	42.39	121.6	40.12	119.2	37.86	118.0	36.90	115.7	35.94	113.3	34.02
	-7.0	-7.6	118.3	41.38	116.0	39.17	113.8	36.96	112.6	36.02	110.4	35.08	108.1	33.20
	-10.0	-10.5	110.1	39.89	108.0	37.77	105.9	35.64	104.8	34.73	102.7	33.82	100.6	31.99
	-14.5	-15.0	97.4	37.53	95.5	35.54	93.7	33.54	92.7	32.67	90.9	31.81	89.0	30.08
	-19.5	-20.0	80.1	33.27	78.6	31.50	77.0	29.73	76.3	28.96	74.8	28.19	73.2	26.64
	-22.8	-23.0	68.1	29.64	66.8	28.07	65.6	26.50	64.9	25.81	63.6	25.11	62.3	23.72
	-24.8	-25.0	60.2	27.07	59.0	25.64	57.9	24.21	57.3	23.57	56.2	22.93	55.0	21.66
	-27.4	-28.0	48.2	22.93	47.3	21.72	46.4	20.51	45.9	19.96	45.0	19.42	44.1	18.33
	-29.9	-30.0	40.3	19.93	39.5	18.88	38.7	17.83	38.4	17.35	37.6	16.88	36.8	15.93
80	15.0	13.7	139.6	41.99	136.9	39.89	134.3	37.62	132.9	36.69	130.3	35.76	127.6	33.90
	13.0	11.8	139.6	42.00	136.9	40.17	134.3	38.11	132.9	37.16	130.3	36.22	127.6	34.33
	11.0	9.8	139.6	42.01	136.9	40.46	134.3	38.65	132.9	37.69	130.3	36.73	127.6	34.81
	9.0	7.9	139.6	42.02	136.9	40.75	134.3	39.20	132.9	38.22	130.3	37.24	127.6	35.29
	8.3	6.1	139.6	42.05	136.9	40.85	134.3	39.74	132.9	38.75	130.3	37.76	127.6	35.77
	5.0	4.1	134.5	39.66	132.0	38.98	129.4	38.10	128.1	37.14	125.6	36.19	123.0	34.28
	2.5	1.7	128.5	36.87	126.1	36.49	123.6	36.14	122.4	35.23	119.9	34.32	117.5	32.51
	0.0	-0.7	122.5	37.04	120.1	37.04	117.8	35.20	116.6	34.32	114.3	33.43	112.0	31.66
	-3.0	-3.7	114.9	37.34	112.7	36.08	110.6	34.04	109.5	33.18	107.3	32.32	105.1	30.59
	-5.0	-5.6	110.2	37.28	108.1	35.29	106.0	33.30	104.9	32.45	102.8	31.61	100.7	29.92
	-7.0	-7.6	105.1	36.39	103.1	34.45	101.1	32.51	100.1	31.68	98.1	30.85	96.1	29.19
	-10.0	-10.5	97.9	35.08	96.0	33.21	94.1	31.34	93.2	30.54	91.3	29.74	89.5	28.14
	-14.5	-15.0	86.5	33.01	84.9	31.25	83.2	29.50	82.4	28.74	80.8	27.97	79.1	26.45
	-19.5	-20.0	71.2	29.26	69.8	27.70	68.5	26.15	67.8	25.47	66.4	24.79	65.1	23.43
	-22.8	-23.0	60.6	26.07	59.4	24.69	58.3	23.31	57.7	22.70	56.5	22.09	55.4	20.86
	-24.8	-25.0	53.5	23.81	52.5	22.55	51.5	21.29	51.0	20.73	49.9	20.17	48.9	19.05
	-27.4	-28.0	42.9	20.17	42.1	19.10	41.2	18.04	40.8	17.56	40.0	17.08	39.2	16.12
	-29.9	-30.0	35.8	17.53	35.1	16.60	34.4	15.68	34.1	15.26	33.4	14.84	32.7	14.01
70	15.0	13.7	122.1	36.36	119.8	34.53	117.5	32.57	116.3	31.77	114.0	30.96	111.7	29.35
	13.0	11.8	122.1	36.37	119.8	34.78	117.5	33.00	116.3	32.18	114.0	31.36	111.7	29.72
	11.0	9.8	122.1	36.37	119.8	35.03	117.5	33.46	116.3	32.63	114.0	31.80	111.7	30.14
	9.0	7.9	122.1	36.38	119.8	35.28	117.5	33.94	116.3	33.09	114.0	32.25	111.7	30.55
	8.3	6.1	122.1	36.41	119.8	35.37	117.5	34.41	116.3	33.55	114.0	32.69	111.7	30.97
	5.0	4.1	117.7	34.34	115.5	33.75	113.2	32.98	112.1	32.16	109.9	31.33	107.6	29.68
	2.5	1.7	112.4	31.92	110.3	31.59	108.2	31.29	107.1	30.50	104.9	29.72	102.8	28.15
	0.0	-0.7	107.2	32.07	105.1	32.07	103.1	30.48	102.1	29.71	100.0	28.94	98.0	27.41
	-3.0	-3.7	100.6	32.33	98.7	31.24	96.7	29.47	95.8	28.73	93.9	27.98	92.0	26.49
	-5.0	-5.6	96.4	32.27	94.6	30.55	92.7	28.83	91.8	28.10	90.0	27.36	88.1	25.90
	-7.0	-7.6	92.0	31.51	90.2	29.82	88.5	28.14	87.6	27.43	85.9	26.71	84.1	25.28
	-10.0	-10.5	85.6	30.37	84.0	28.76	82.4	27.14	81.5	26.44	79.9	25.75	78.3	24.36
	-14.5	-15.0	75.7	28.58	74.3	27.06	72.8	25.54	72.1	24.88	70.7	24.22	69.2	22.90
	-19.5	-20.0	62.3	25.33	61.1	23.99	59.9	22.64	59.3	22.05	58.1	21.46	57.0	20.28
	-22.8	-23.0	53.0	22.57	52.0	21.38	51.0	20.18	50.5	19.65	49.5	19.12	48.5	18.06
	-24.8	-25.0	46.8	20.62	45.9	19.52	45.0	18.43	44.6	17.95	43.7	17.46	42.8	16.49
	-27.4	-28.0	37.5	17.46	36.8	16.54	36.1	15.62	35.7	15.20	35.0	14.79	34.3	13.96
	-29.9	-30.0	31.3	15.18	30.7	14.38	30.1	13.57	29.8	13.21	29.2	12.85	28.6	12.13

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

High Heating Mode

HEATING (°C)

MMY-MUP0721FT6P-UL/MMY-MUP0721FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	24.9	5.50	24.5	5.21	24.0	4.91	23.7	4.79	23.3	4.67	22.8	4.42
	13.0	11.8	24.9	5.57	24.5	5.27	24.0	4.97	23.7	4.85	23.3	4.73	22.8	4.48
	11.0	9.8	24.9	5.65	24.5	5.35	24.0	5.04	23.7	4.92	23.3	4.79	22.8	4.54
	9.0	7.9	24.9	5.73	24.5	5.42	24.0	5.12	23.7	4.99	23.3	4.86	22.8	4.61
	8.3	6.1	24.9	5.81	24.5	5.50	24.0	5.19	23.7	5.06	23.3	4.93	22.8	4.67
	5.0	4.1	24.9	5.90	24.5	5.59	24.0	5.27	23.7	5.14	23.3	5.01	22.8	4.74
	2.5	1.7	24.9	6.02	24.5	5.70	24.0	5.38	23.7	5.24	23.3	5.11	22.8	4.84
	0.0	-0.7	24.9	6.16	24.5	5.83	24.0	5.50	23.7	5.36	23.3	5.22	22.8	4.94
	-3.0	-3.7	24.9	6.34	24.5	6.00	24.0	5.66	23.7	5.52	23.3	5.37	22.8	5.09
	-5.0	-5.6	24.9	6.46	24.5	6.12	24.0	5.77	23.7	5.62	23.3	5.48	22.8	5.19
	-7.0	-7.6	24.9	6.60	24.5	6.25	24.0	5.90	23.7	5.75	23.3	5.60	22.8	5.30
	-10.0	-10.5	24.9	6.83	24.5	6.47	24.0	6.10	23.7	5.95	23.3	5.79	22.8	5.48
	-14.5	-15.0	24.9	7.25	24.5	6.86	24.0	6.48	23.7	6.31	23.3	6.14	22.8	5.81
	-19.5	-20.0	23.7	7.42	23.2	7.02	22.8	6.63	22.6	6.46	22.1	6.28	21.7	5.94
	-22.8	-23.0	21.0	6.89	20.6	6.53	20.2	6.16	20.0	6.00	19.6	5.84	19.2	5.52
	-24.8	-25.0	19.2	6.53	18.8	6.18	18.5	5.84	18.3	5.68	17.9	5.53	17.5	5.22
	-27.4	-28.0	16.5	5.95	16.2	5.63	15.9	5.32	15.7	5.18	15.4	5.04	15.1	4.75
	-29.9	-30.0	14.7	5.53	14.4	5.24	14.1	4.95	14.0	4.82	13.7	4.68	13.4	4.42
110	15.0	13.7	25.4	5.53	24.9	5.23	24.5	4.93	24.2	4.81	23.7	4.69	23.2	4.45
	13.0	11.8	25.4	5.60	24.9	5.30	24.5	5.00	24.2	4.87	23.7	4.75	23.2	4.50
	11.0	9.8	25.4	5.68	24.9	5.37	24.5	5.07	24.2	4.94	23.7	4.82	23.2	4.56
	9.0	7.9	25.4	5.76	24.9	5.45	24.5	5.14	24.2	5.01	23.7	4.88	23.2	4.63
	8.3	6.1	25.4	5.84	24.9	5.52	24.5	5.21	24.2	5.08	23.7	4.95	23.2	4.69
	5.0	4.1	25.4	5.93	24.9	5.61	24.5	5.30	24.2	5.16	23.7	5.03	23.2	4.77
	2.5	1.7	25.4	6.05	24.9	5.73	24.5	5.40	24.2	5.27	23.7	5.13	23.2	4.86
	0.0	-0.7	25.4	6.18	24.9	5.85	24.5	5.52	24.2	5.38	23.7	5.24	23.2	4.97
	-3.0	-3.7	25.4	6.37	24.9	6.03	24.5	5.69	24.2	5.54	23.7	5.40	23.2	5.11
	-5.0	-5.6	25.4	6.49	24.9	6.14	24.5	5.80	24.2	5.65	23.7	5.50	23.2	5.21
	-7.0	-7.6	25.4	6.63	24.9	6.28	24.5	5.93	24.2	5.78	23.7	5.62	23.2	5.32
	-10.0	-10.5	25.4	6.86	24.9	6.50	24.5	6.13	24.2	5.97	23.7	5.82	23.2	5.50
	-14.5	-15.0	25.4	7.28	24.9	6.89	24.5	6.51	24.2	6.34	23.7	6.17	23.2	5.83
	-19.5	-20.0	24.2	7.45	23.7	7.06	23.2	6.66	23.0	6.49	22.5	6.31	22.1	5.97
	-22.8	-23.0	21.4	6.93	21.0	6.56	20.6	6.19	20.4	6.03	20.0	5.87	19.6	5.54
	-24.8	-25.0	19.6	6.56	19.2	6.21	18.8	5.86	18.6	5.71	18.3	5.56	17.9	5.25
	-27.4	-28.0	16.8	5.97	16.5	5.66	16.2	5.34	16.0	5.20	15.7	5.06	15.4	4.78
	-29.9	-30.0	15.0	5.56	14.7	5.26	14.4	4.97	14.3	4.84	14.0	4.71	13.7	4.44
120	15.0	13.7	26.2	5.60	25.7	5.30	25.2	5.00	24.9	4.88	24.4	4.76	23.9	4.51
	13.0	11.8	26.2	5.68	25.7	5.37	25.2	5.07	24.9	4.94	24.4	4.82	23.9	4.56
	11.0	9.8	26.2	5.76	25.7	5.45	25.2	5.14	24.9	5.01	24.4	4.88	23.9	4.63
	9.0	7.9	26.2	5.84	25.7	5.52	25.2	5.21	24.9	5.08	24.4	4.95	23.9	4.69
	8.3	6.1	26.2	5.92	25.7	5.60	25.2	5.28	24.9	5.15	24.4	5.02	23.9	4.76
	5.0	4.1	26.2	6.01	25.7	5.69	25.2	5.37	24.9	5.24	24.4	5.10	23.9	4.83
	2.5	1.7	26.2	6.14	25.7	5.81	25.2	5.48	24.9	5.34	24.4	5.21	23.9	4.93
	0.0	-0.7	26.2	6.27	25.7	5.94	25.2	5.60	24.9	5.46	24.4	5.32	23.9	5.04
	-3.0	-3.7	26.2	6.46	25.7	6.11	25.2	5.77	24.9	5.62	24.4	5.47	23.9	5.18
	-5.0	-5.6	26.2	6.58	25.7	6.23	25.2	5.88	24.9	5.73	24.4	5.58	23.9	5.28
	-7.0	-7.6	26.2	6.73	25.7	6.37	25.2	6.01	24.9	5.86	24.4	5.70	23.9	5.40
	-10.0	-10.5	26.2	6.96	25.7	6.59	25.2	6.22	24.9	6.06	24.4	5.90	23.9	5.58
	-14.5	-15.0	26.2	7.38	25.7	6.99	25.2	6.60	24.9	6.43	24.4	6.26	23.9	5.92
	-19.5	-20.0	24.9	7.56	24.4	7.16	23.9	6.75	23.7	6.58	23.2	6.40	22.7	6.05
	-22.8	-23.0	22.0	7.02	21.6	6.65	21.2	6.28	21.0	6.12	20.6	5.95	20.1	5.62
	-24.8	-25.0	20.2	6.65	19.8	6.30	19.4	5.95	19.2	5.79	18.8	5.63	18.4	5.32
	-27.4	-28.0	17.3	6.06	17.0	5.74	16.7	5.42	16.5	5.27	16.2	5.13	15.8	4.84
	-29.9	-30.0	15.4	5.64	15.1	5.34	14.9	5.04	14.7	4.91	14.4	4.77	14.1	4.50
130	15.0	13.7	26.8	5.65	26.3	5.35	25.8	5.05	25.5	4.92	25.0	4.80	24.5	4.55
	13.0	11.8	26.8	5.73	26.3	5.42	25.8	5.11	25.5	4.99	25.0	4.86	24.5	4.61
	11.0	9.8	26.8	5.81	26.3	5.50	25.8	5.18	25.5	5.06	25.0	4.93	24.5	4.67
	9.0	7.9	26.8	5.89	26.3	5.57	25.8	5.26	25.5	5.13	25.0	5.00	24.5	4.73
	8.3	6.1	26.8	5.97	26.3	5.65	25.8	5.33	25.5	5.20	25.0	5.07	24.5	4.80
	5.0	4.1	26.8	6.07	26.3	5.74	25.8	5.42	25.5	5.28	25.0	5.15	24.5	4.88
	2.5	1.7	26.8	6.19	26.3	5.86	25.8	5.53	25.5	5.39	25.0	5.25	24.5	4.97
	0.0	-0.7	26.8	6.33	26.3	5.99	25.8	5.65	25.5	5.51	25.0	5.37	24.5	5.08
	-3.0	-3.7	26.8	6.51	26.3	6.16	25.8	5.82	25.5	5.67	25.0	5.52	24.5	5.23
	-5.0	-5.6	26.8	6.64	26.3	6.29	25.8	5.93	25.5	5.78	25.0	5.63	24.5	5.33
	-7.0	-7.6	26.8	6.79	26.3	6.43	25.8	6.06	25.5	5.91	25.0	5.75	24.5	5.45
	-10.0	-10.5	26.8	7.02	26.3	6.65	25.8	6.27	25.5	6.11	25.0	5.95	24.5	5.63
	-14.5	-15.0	26.8	7.45	26.3	7.05	25.8	6.66	25.5	6.48	25.0	6.31	24.5	5.97
	-19.5	-20.0	25.5	7.62	25.0	7.22	24.5	6.81	24.2	6.64	23.8	6.46	23.3	6.10
	-22.8	-23.0	22.6	7.09	22.1	6.71	21.7	6.34	21.5	6.17	21.1	6.00	20.6	5.67
	-24.8	-25.0	20.6	6.71	20.2	6.36	19.8	6.00	19.7	5.84	19.3	5.68	18.9	5.37
	-27.4	-28.0	17.7	6.11	17.4	5.79	17.1	5.47	16.9	5.32	16.6	5.18	16.2	4.89
	-29.9	-30.0	15.8	5.69	15.5	5.39	15.2	5.09	15.1	4.95	14.8	4.81	14.5	4.54

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	22.4	4.90	22.0	4.63	21.6	4.37	21.4	4.26	20.9	4.16	20.5	3.94
	13.0	11.8	22.4	4.96	22.0	4.69	21.6	4.43	21.4	4.32	20.9	4.21	20.5	3.99
	11.0	9.8	22.4	5.03	22.0	4.76	21.6	4.49	21.4	4.38	20.9	4.27	20.5	4.04
	9.0	7.9	22.4	5.10	22.0	4.83	21.6	4.55	21.4	4.44	20.9	4.33	20.5	4.10
	8.3	6.1	22.4	5.17	22.0	4.90	21.6	4.62	21.4	4.50	20.9	4.39	20.5	4.16
	5.0	4.1	22.4	5.26	22.0	4.97	21.6	4.69	21.4	4.58	20.9	4.46	20.5	4.22
	2.5	1.7	22.4	5.36	22.0	5.08	21.6	4.79	21.4	4.67	20.9	4.55	20.5	4.31
	0.0	-0.7	22.4	5.48	22.0	5.19	21.6	4.89	21.4	4.77	20.9	4.65	20.5	4.40
	-3.0	-3.7	22.4	5.64	22.0	5.34	21.6	5.04	21.4	4.91	20.9	4.78	20.5	4.53
	-5.0	-5.6	22.4	5.75	22.0	5.45	21.6	5.14	21.4	5.01	20.9	4.88	20.5	4.62
	-7.0	-7.6	22.4	5.88	22.0	5.57	21.6	5.25	21.4	5.12	20.9	4.98	20.5	4.72
	-10.0	-10.5	22.4	6.08	22.0	5.76	21.6	5.43	21.4	5.29	20.9	5.16	20.5	4.88
	-14.5	-15.0	22.4	6.45	22.0	6.11	21.6	5.77	21.4	5.62	20.9	5.47	20.5	5.17
	-19.5	-20.0	21.3	6.60	20.9	6.25	20.5	5.90	20.3	5.75	19.9	5.59	19.5	5.29
	-22.8	-23.0	18.9	6.14	18.5	5.81	18.2	5.49	18.0	5.34	17.6	5.20	17.3	4.91
	-24.8	-25.0	17.3	5.81	16.9	5.50	16.6	5.20	16.5	5.06	16.1	4.92	15.8	4.65
	-27.4	-28.0	14.9	5.29	14.6	5.01	14.3	4.73	14.1	4.61	13.9	4.48	13.6	4.23
	-29.9	-30.0	13.2	4.92	13.0	4.66	12.7	4.40	12.6	4.29	12.4	4.17	12.1	3.94
80	15.0	13.7	19.9	4.31	19.6	4.08	19.2	3.84	19.0	3.75	18.6	3.65	18.2	3.46
	13.0	11.8	19.9	4.36	19.6	4.13	19.2	3.89	19.0	3.80	18.6	3.70	18.2	3.51
	11.0	9.8	19.9	4.42	19.6	4.19	19.2	3.95	19.0	3.85	18.6	3.75	18.2	3.56
	9.0	7.9	19.9	4.49	19.6	4.25	19.2	4.01	19.0	3.91	18.6	3.81	18.2	3.61
	8.3	6.1	19.9	4.55	19.6	4.30	19.2	4.06	19.0	3.96	18.6	3.86	18.2	3.66
	5.0	4.1	19.9	4.62	19.6	4.37	19.2	4.13	19.0	4.02	18.6	3.92	18.2	3.71
	2.5	1.7	19.9	4.72	19.6	4.46	19.2	4.21	19.0	4.11	18.6	4.00	18.2	3.79
	0.0	-0.7	19.9	4.82	19.6	4.56	19.2	4.30	19.0	4.20	18.6	4.09	18.2	3.87
	-3.0	-3.7	19.9	4.96	19.6	4.70	19.2	4.43	19.0	4.32	18.6	4.21	18.2	3.98
	-5.0	-5.6	19.9	5.06	19.6	4.79	19.2	4.52	19.0	4.40	18.6	4.29	18.2	4.06
	-7.0	-7.6	19.9	5.17	19.6	4.89	19.2	4.62	19.0	4.50	18.6	4.38	18.2	4.15
	-10.0	-10.5	19.9	5.35	19.6	5.06	19.2	4.78	19.0	4.66	18.6	4.53	18.2	4.29
	-14.5	-15.0	19.9	5.67	19.6	5.37	19.2	5.07	19.0	4.94	18.6	4.81	18.2	4.55
	-19.5	-20.0	18.9	5.81	18.6	5.50	18.2	5.19	18.0	5.06	17.7	4.92	17.3	4.65
	-22.8	-23.0	16.8	5.40	16.5	5.11	16.2	4.83	16.0	4.70	15.7	4.57	15.4	4.32
	-24.8	-25.0	15.4	5.11	15.1	4.84	14.8	4.57	14.6	4.45	14.3	4.33	14.0	4.09
	-27.4	-28.0	13.2	4.66	12.9	4.41	12.7	4.16	12.6	4.05	12.3	3.94	12.1	3.72
	-29.9	-30.0	11.8	4.33	11.5	4.10	11.3	3.87	11.2	3.77	11.0	3.67	10.8	3.46
70	15.0	13.7	17.4	3.73	17.1	3.53	16.8	3.33	16.6	3.25	16.3	3.16	16.0	3.00
	13.0	11.8	17.4	3.78	17.1	3.57	16.8	3.37	16.6	3.29	16.3	3.20	16.0	3.04
	11.0	9.8	17.4	3.83	17.1	3.63	16.8	3.42	16.6	3.33	16.3	3.25	16.0	3.08
	9.0	7.9	17.4	3.88	17.1	3.68	16.8	3.47	16.6	3.38	16.3	3.30	16.0	3.12
	8.3	6.1	17.4	3.94	17.1	3.73	16.8	3.52	16.6	3.43	16.3	3.34	16.0	3.17
	5.0	4.1	17.4	4.00	17.1	3.79	16.8	3.57	16.6	3.48	16.3	3.39	16.0	3.22
	2.5	1.7	17.4	4.08	17.1	3.87	16.8	3.65	16.6	3.56	16.3	3.46	16.0	3.28
	0.0	-0.7	17.4	4.17	17.1	3.95	16.8	3.73	16.6	3.63	16.3	3.54	16.0	3.35
	-3.0	-3.7	17.4	4.30	17.1	4.07	16.8	3.84	16.6	3.74	16.3	3.64	16.0	3.45
	-5.0	-5.6	17.4	4.38	17.1	4.15	16.8	3.91	16.6	3.81	16.3	3.71	16.0	3.52
	-7.0	-7.6	17.4	4.48	17.1	4.24	16.8	4.00	16.6	3.90	16.3	3.80	16.0	3.59
	-10.0	-10.5	17.4	4.63	17.1	4.38	16.8	4.14	16.6	4.03	16.3	3.93	16.0	3.71
	-14.5	-15.0	17.4	4.91	17.1	4.65	16.8	4.39	16.6	4.28	16.3	4.16	16.0	3.94
	-19.5	-20.0	16.6	5.03	16.3	4.76	15.9	4.49	15.8	4.38	15.5	4.26	15.2	4.03
	-22.8	-23.0	14.7	4.67	14.4	4.43	14.1	4.18	14.0	4.07	13.7	3.96	13.4	3.74
	-24.8	-25.0	13.4	4.43	13.2	4.19	12.9	3.96	12.8	3.85	12.5	3.75	12.3	3.54
	-27.4	-28.0	11.6	4.03	11.3	3.82	11.1	3.61	11.0	3.51	10.8	3.41	10.6	3.22
	-29.9	-30.0	10.3	3.75	10.1	3.55	9.9	3.35	9.8	3.26	9.6	3.18	9.4	3.00

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-MUP0961FT6P-UL/MMY-MUP0961FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	33.2	7.76	32.6	7.34	32.0	6.92	31.7	6.75	31.0	6.58	30.4	6.24
	13.0	11.8	33.2	7.85	32.6	7.43	32.0	7.01	31.7	6.84	31.0	6.66	30.4	6.32
	11.0	9.8	33.2	7.97	32.6	7.54	32.0	7.11	31.7	6.93	31.0	6.76	30.4	6.40
	9.0	7.9	33.2	8.08	32.6	7.64	32.0	7.21	31.7	7.03	31.0	6.85	30.4	6.49
	8.3	6.1	33.2	8.19	32.6	7.75	32.0	7.31	31.7	7.13	31.0	6.95	30.4	6.58
	5.0	4.1	33.2	8.32	32.6	7.88	32.0	7.43	31.7	7.24	31.0	7.06	30.4	6.69
	2.5	1.7	33.2	8.49	32.6	8.04	32.0	7.58	31.7	7.39	31.0	7.20	30.4	6.82
	0.0	-0.7	33.2	8.68	32.6	8.21	32.0	7.75	31.7	7.55	31.0	7.36	30.4	6.97
	-3.0	-3.7	33.2	8.93	32.6	8.46	32.0	7.98	31.7	7.78	31.0	7.57	30.4	7.17
	-5.0	-5.6	32.3	8.83	31.6	8.36	31.0	7.89	30.7	7.69	30.1	7.49	29.5	7.09
	-7.0	-7.6	31.1	8.70	30.5	8.23	29.9	7.77	29.6	7.57	29.1	7.38	28.5	6.98
	-10.0	-10.5	29.5	8.51	28.9	8.05	28.4	7.60	28.1	7.40	27.5	7.21	27.0	6.82
	-14.5	-15.0	26.9	8.21	26.4	7.77	25.9	7.34	25.6	7.15	25.1	6.96	24.6	6.58
	-19.5	-20.0	23.9	7.84	23.5	7.42	23.0	7.01	22.8	6.83	22.3	6.64	21.9	6.28
	-22.8	-23.0	20.5	7.05	20.1	6.68	19.8	6.31	19.6	6.14	19.2	5.98	18.8	5.65
	-24.8	-25.0	18.3	6.50	17.9	6.15	17.6	5.81	17.4	5.66	17.1	5.50	16.7	5.20
	-27.4	-28.0	14.9	5.60	14.6	5.31	14.3	5.01	14.2	4.88	13.9	4.75	13.6	4.48
	-29.9	-30.0	12.6	4.96	12.4	4.70	12.1	4.43	12.0	4.32	11.8	4.20	11.5	3.96
110	15.0	13.7	33.9	7.79	33.3	7.37	32.6	6.95	32.3	6.78	31.6	6.61	31.0	6.27
	13.0	11.8	33.9	7.89	33.3	7.47	32.6	7.04	32.3	6.87	31.6	6.70	31.0	6.35
	11.0	9.8	33.9	8.00	33.3	7.57	32.6	7.14	32.3	6.97	31.6	6.79	31.0	6.43
	9.0	7.9	33.9	8.12	33.3	7.68	32.6	7.24	32.3	7.06	31.6	6.88	31.0	6.52
	8.3	6.1	33.9	8.23	33.3	7.79	32.6	7.35	32.3	7.16	31.6	6.98	31.0	6.61
	5.0	4.1	33.9	8.36	33.3	7.91	32.6	7.47	32.3	7.28	31.6	7.09	31.0	6.72
	2.5	1.7	33.9	8.53	33.3	8.08	32.6	7.62	32.3	7.43	31.6	7.24	31.0	6.85
	0.0	-0.7	33.9	8.72	33.3	8.25	32.6	7.79	32.3	7.59	31.6	7.39	31.0	7.00
	-3.0	-3.7	33.9	8.97	33.3	8.49	32.6	8.01	32.3	7.81	31.6	7.61	31.0	7.20
	-5.0	-5.6	32.9	8.87	32.3	8.40	31.7	7.93	31.3	7.73	30.7	7.52	30.1	7.12
	-7.0	-7.6	31.7	8.74	31.1	8.27	30.5	7.81	30.2	7.61	29.6	7.41	29.0	7.01
	-10.0	-10.5	30.1	8.55	29.5	8.09	28.9	7.63	28.6	7.44	28.1	7.24	27.5	6.85
	-14.5	-15.0	27.5	8.25	26.9	7.81	26.4	7.37	26.2	7.18	25.6	6.99	25.1	6.61
	-19.5	-20.0	24.4	7.88	23.9	7.46	23.5	7.04	23.2	6.86	22.8	6.67	22.3	6.31
	-22.8	-23.0	21.0	7.09	20.6	6.71	20.2	6.34	20.0	6.17	19.6	6.00	19.2	5.67
	-24.8	-25.0	18.6	6.53	18.3	6.18	17.9	5.84	17.8	5.68	17.4	5.53	17.0	5.22
	-27.4	-28.0	15.2	5.63	14.9	5.33	14.6	5.03	14.5	4.90	14.2	4.77	13.9	4.50
	-29.9	-30.0	12.9	4.98	12.6	4.72	12.4	4.45	12.3	4.34	12.0	4.22	11.8	3.98
120	15.0	13.7	34.9	7.90	34.2	7.48	33.6	7.05	33.2	6.88	32.6	6.70	31.9	6.36
	13.0	11.8	34.9	8.00	34.2	7.57	33.6	7.14	33.2	6.97	32.6	6.79	31.9	6.44
	11.0	9.8	34.9	8.12	34.2	7.68	33.6	7.25	33.2	7.07	32.6	6.89	31.9	6.53
	9.0	7.9	34.9	8.23	34.2	7.79	33.6	7.35	33.2	7.16	32.6	6.98	31.9	6.62
	8.3	6.1	34.9	8.34	34.2	7.90	33.6	7.45	33.2	7.26	32.6	7.08	31.9	6.71
	5.0	4.1	34.9	8.48	34.2	8.02	33.6	7.57	33.2	7.38	32.6	7.19	31.9	6.81
	2.5	1.7	34.9	8.65	34.2	8.19	33.6	7.73	33.2	7.53	32.6	7.34	31.9	6.95
	0.0	-0.7	34.9	8.84	34.2	8.37	33.6	7.90	33.2	7.70	32.6	7.50	31.9	7.10
	-3.0	-3.7	34.9	9.10	34.2	8.61	33.6	8.13	33.2	7.92	32.6	7.72	31.9	7.31
	-5.0	-5.6	33.9	9.00	33.2	8.52	32.6	8.04	32.3	7.84	31.6	7.63	31.0	7.22
	-7.0	-7.6	32.7	8.86	32.1	8.39	31.4	7.92	31.1	7.72	30.5	7.51	29.9	7.11
	-10.0	-10.5	31.0	8.67	30.4	8.20	29.8	7.74	29.5	7.54	28.9	7.35	28.3	6.95
	-14.5	-15.0	28.3	8.37	27.7	7.92	27.2	7.48	26.9	7.28	26.4	7.09	25.8	6.70
	-19.5	-20.0	25.1	7.99	24.6	7.56	24.2	7.14	23.9	6.95	23.5	6.77	23.0	6.40
	-22.8	-23.0	21.6	7.19	21.2	6.81	20.7	6.43	20.5	6.26	20.1	6.09	19.7	5.75
	-24.8	-25.0	19.2	6.62	18.8	6.27	18.5	5.92	18.3	5.76	17.9	5.61	17.5	5.30
	-27.4	-28.0	15.6	5.71	15.3	5.41	15.0	5.11	14.9	4.97	14.6	4.83	14.3	4.56
	-29.9	-30.0	13.3	5.05	13.0	4.78	12.8	4.52	12.6	4.40	12.4	4.28	12.1	4.04
130	15.0	13.7	35.7	7.97	35.0	7.54	34.4	7.12	34.0	6.94	33.3	6.76	32.7	6.41
	13.0	11.8	35.7	8.07	35.0	7.64	34.4	7.21	34.0	7.03	33.3	6.85	32.7	6.49
	11.0	9.8	35.7	8.19	35.0	7.75	34.4	7.31	34.0	7.13	33.3	6.95	32.7	6.58
	9.0	7.9	35.7	8.30	35.0	7.86	34.4	7.41	34.0	7.23	33.3	7.04	32.7	6.67
	8.3	6.1	35.7	8.42	35.0	7.97	34.4	7.52	34.0	7.33	33.3	7.14	32.7	6.77
	5.0	4.1	35.7	8.55	35.0	8.10	34.4	7.64	34.0	7.45	33.3	7.26	32.7	6.87
	2.5	1.7	35.7	8.73	35.0	8.26	34.4	7.80	34.0	7.60	33.3	7.40	32.7	7.01
	0.0	-0.7	35.7	8.92	35.0	8.44	34.4	7.97	34.0	7.76	33.3	7.56	32.7	7.16
	-3.0	-3.7	35.7	9.18	35.0	8.69	34.4	8.20	34.0	7.99	33.3	7.79	32.7	7.37
	-5.0	-5.6	34.7	9.08	34.0	8.60	33.4	8.11	33.0	7.90	32.4	7.70	31.7	7.29
	-7.0	-7.6	33.5	8.94	32.8	8.46	32.2	7.99	31.9	7.78	31.2	7.58	30.6	7.17
	-10.0	-10.5	31.7	8.74	31.1	8.28	30.5	7.81	30.2	7.61	29.6	7.41	29.0	7.01
	-14.5	-15.0	28.9	8.44	28.4	7.99	27.8	7.54	27.6	7.35	27.0	7.15	26.5	6.76
	-19.5	-20.0	25.7	8.06	25.2	7.63	24.7	7.20	24.5	7.02	24.0	6.83	23.5	6.45
	-22.8	-23.0	22.1	7.25	21.7	6.87	21.2	6.48	21.0	6.31	20.6	6.14	20.2	5.80
	-24.8	-25.0	19.7	6.68	19.3	6.33	18.9	5.97	18.7	5.81	18.3	5.66	18.0	5.34
	-27.4	-28.0	16.0	5.76	15.7	5.45	15.4	5.15	15.2	5.01	14.9	4.88	14.6	4.60
	-29.9	-30.0	13.6	5.10	13.3	4.83	13.1	4.56	12.9	4.44	12.7	4.31	12.4	4.07

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	29.9	6.90	29.3	6.53	28.8	6.16	28.5	6.01	27.9	5.86	27.3	5.55
	13.0	11.8	29.9	6.99	29.3	6.62	28.8	6.24	28.5	6.09	27.9	5.93	27.3	5.62
	11.0	9.8	29.9	7.09	29.3	6.71	28.8	6.33	28.5	6.17	27.9	6.02	27.3	5.70
	9.0	7.9	29.9	7.19	29.3	6.81	28.8	6.42	28.5	6.26	27.9	6.10	27.3	5.78
	8.3	6.1	29.9	7.29	29.3	6.90	28.8	6.51	28.5	6.35	27.9	6.19	27.3	5.86
	5.0	4.1	29.9	7.41	29.3	7.01	28.8	6.62	28.5	6.45	27.9	6.28	27.3	5.95
	2.5	1.7	29.9	7.56	29.3	7.16	28.8	6.75	28.5	6.58	27.9	6.41	27.3	6.07
	0.0	-0.7	29.9	7.73	29.3	7.31	28.8	6.90	28.5	6.73	27.9	6.55	27.3	6.20
	-3.0	-3.7	29.9	7.95	29.3	7.53	28.8	7.10	28.5	6.92	27.9	6.74	27.3	6.38
	-5.0	-5.6	29.0	7.86	28.5	7.44	27.9	7.03	27.7	6.85	27.1	6.67	26.5	6.31
	-7.0	-7.6	28.0	7.75	27.5	7.33	26.9	6.92	26.7	6.74	26.1	6.57	25.6	6.21
	-10.0	-10.5	26.5	7.57	26.0	7.17	25.5	6.77	25.3	6.59	24.8	6.42	24.3	6.07
	-14.5	-15.0	24.2	7.31	23.8	6.92	23.3	6.53	23.1	6.36	22.6	6.20	22.2	5.86
	-19.5	-20.0	21.5	6.98	21.1	6.61	20.7	6.24	20.5	6.08	20.1	5.91	19.7	5.59
	-22.8	-23.0	18.5	6.28	18.1	5.95	17.8	5.61	17.6	5.47	17.3	5.32	16.9	5.03
	-24.8	-25.0	16.5	5.79	16.1	5.48	15.8	5.17	15.7	5.04	15.4	4.90	15.0	4.63
	-27.4	-28.0	13.4	4.99	13.1	4.72	12.9	4.46	12.8	4.34	12.5	4.22	12.3	3.99
	-29.9	-30.0	11.4	4.41	11.2	4.18	10.9	3.95	10.8	3.84	10.6	3.74	10.4	3.53
80	15.0	13.7	26.6	6.07	26.1	5.75	25.6	5.42	25.3	5.29	24.8	5.15	24.3	4.88
	13.0	11.8	26.6	6.15	26.1	5.82	25.6	5.49	25.3	5.35	24.8	5.22	24.3	4.95
	11.0	9.8	26.6	6.24	26.1	5.90	25.6	5.57	25.3	5.43	24.8	5.29	24.3	5.01
	9.0	7.9	26.6	6.32	26.1	5.99	25.6	5.65	25.3	5.51	24.8	5.37	24.3	5.08
	8.3	6.1	26.6	6.41	26.1	6.07	25.6	5.73	25.3	5.58	24.8	5.44	24.3	5.15
	5.0	4.1	26.6	6.52	26.1	6.17	25.6	5.82	25.3	5.67	24.8	5.53	24.3	5.24
	2.5	1.7	26.6	6.65	26.1	6.29	25.6	5.94	25.3	5.79	24.8	5.64	24.3	5.34
	0.0	-0.7	26.6	6.79	26.1	6.43	25.6	6.07	25.3	5.92	24.8	5.76	24.3	5.46
	-3.0	-3.7	26.6	6.99	26.1	6.62	25.6	6.25	25.3	6.09	24.8	5.93	24.3	5.61
	-5.0	-5.6	25.8	6.92	25.3	6.55	24.8	6.18	24.6	6.02	24.1	5.86	23.6	5.55
	-7.0	-7.6	24.9	6.81	24.4	6.45	24.0	6.08	23.7	5.93	23.2	5.77	22.8	5.46
	-10.0	-10.5	23.6	6.66	23.1	6.31	22.7	5.95	22.5	5.80	22.0	5.65	21.6	5.34
	-14.5	-15.0	21.5	6.43	21.1	6.09	20.7	5.74	20.5	5.60	20.1	5.45	19.7	5.15
	-19.5	-20.0	19.1	6.14	18.8	5.81	18.4	5.49	18.2	5.34	17.9	5.20	17.5	4.92
	-22.8	-23.0	16.4	5.52	16.1	5.23	15.8	4.94	15.6	4.81	15.3	4.68	15.0	4.42
	-24.8	-25.0	14.6	5.09	14.3	4.82	14.1	4.55	13.9	4.43	13.6	4.31	13.4	4.07
	-27.4	-28.0	11.9	4.39	11.7	4.16	11.5	3.92	11.3	3.82	11.1	3.72	10.9	3.51
	-29.9	-30.0	10.1	3.88	9.9	3.68	9.7	3.47	9.6	3.38	9.4	3.29	9.2	3.10
70	15.0	13.7	23.3	5.26	22.8	4.98	22.4	4.69	22.2	4.58	21.7	4.46	21.3	4.23
	13.0	11.8	23.3	5.33	22.8	5.04	22.4	4.75	22.2	4.64	21.7	4.52	21.3	4.28
	11.0	9.8	23.3	5.40	22.8	5.11	22.4	4.82	22.2	4.70	21.7	4.58	21.3	4.34
	9.0	7.9	23.3	5.48	22.8	5.18	22.4	4.89	22.2	4.77	21.7	4.65	21.3	4.40
	8.3	6.1	23.3	5.55	22.8	5.25	22.4	4.96	22.2	4.83	21.7	4.71	21.3	4.46
	5.0	4.1	23.3	5.64	22.8	5.34	22.4	5.04	22.2	4.91	21.7	4.79	21.3	4.53
	2.5	1.7	23.3	5.76	22.8	5.45	22.4	5.14	22.2	5.01	21.7	4.88	21.3	4.62
	0.0	-0.7	23.3	5.88	22.8	5.57	22.4	5.25	22.2	5.12	21.7	4.99	21.3	4.72
	-3.0	-3.7	23.3	6.06	22.8	5.73	22.4	5.41	22.2	5.27	21.7	5.13	21.3	4.86
	-5.0	-5.6	22.6	5.99	22.2	5.67	21.7	5.35	21.5	5.21	21.1	5.08	20.6	4.81
	-7.0	-7.6	21.8	5.90	21.4	5.58	21.0	5.27	20.8	5.13	20.3	5.00	19.9	4.73
	-10.0	-10.5	20.6	5.77	20.2	5.46	19.8	5.15	19.7	5.02	19.3	4.89	18.9	4.62
	-14.5	-15.0	18.8	5.57	18.5	5.27	18.1	4.97	17.9	4.85	17.6	4.72	17.2	4.46
	-19.5	-20.0	16.8	5.32	16.4	5.03	16.1	4.75	16.0	4.63	15.6	4.50	15.3	4.26
	-22.8	-23.0	14.4	4.78	14.1	4.53	13.8	4.28	13.7	4.16	13.4	4.05	13.1	3.83
	-24.8	-25.0	12.8	4.41	12.6	4.17	12.3	3.94	12.2	3.83	11.9	3.73	11.7	3.52
	-27.4	-28.0	10.4	3.80	10.2	3.60	10.0	3.40	9.9	3.31	9.7	3.22	9.5	3.04
	-29.9	-30.0	8.8	3.36	8.7	3.18	8.5	3.01	8.4	2.93	8.3	2.85	8.1	2.69

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP1201FT6P-UL/MMY-MUP1201FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	41.5	10.05	40.8	9.51	40.0	8.97	39.6	8.75	38.8	8.53	38.0	8.08
	13.0	11.8	41.5	10.18	40.8	9.63	40.0	9.08	39.6	8.86	38.8	8.63	38.0	8.18
	11.0	9.8	41.5	10.32	40.8	9.77	40.0	9.21	39.6	8.99	38.8	8.76	38.0	8.30
	9.0	7.9	41.5	10.47	40.8	9.91	40.0	9.34	39.6	9.11	38.8	8.88	38.0	8.41
	8.3	6.1	41.5	10.61	40.8	10.04	40.0	9.47	39.6	9.24	38.8	9.00	38.0	8.53
	5.0	4.1	41.5	10.78	40.8	10.21	40.0	9.63	39.6	9.39	38.8	9.15	38.0	8.66
	2.5	1.7	39.5	10.45	38.7	9.89	38.0	9.33	37.6	9.09	36.9	8.86	36.1	8.39
	0.0	-0.7	37.7	10.17	37.0	9.63	36.3	9.09	35.9	8.86	35.2	8.63	34.5	8.17
	-3.0	-3.7	35.5	9.83	34.8	9.30	34.1	8.78	33.8	8.56	33.1	8.34	32.4	7.89
	-5.0	-5.6	34.0	9.61	33.4	9.10	32.7	8.58	32.4	8.37	31.8	8.15	31.1	7.71
	-7.0	-7.6	32.5	9.38	31.9	8.88	31.3	8.38	31.0	8.16	30.4	7.95	29.7	7.52
	-10.0	-10.5	30.4	9.03	29.8	8.55	29.2	8.07	28.9	7.86	28.3	7.66	27.8	7.24
	-14.5	-15.0	27.0	8.48	26.5	8.03	26.0	7.58	25.7	7.38	25.2	7.19	24.7	6.80
	-19.5	-20.0	21.8	7.33	21.4	6.94	20.9	6.55	20.7	6.38	20.3	6.21	19.9	5.87
	-22.8	-23.0	18.6	6.58	18.3	6.23	17.9	5.88	17.7	5.72	17.4	5.57	17.0	5.26
	-24.8	-25.0	16.5	6.04	16.2	5.72	15.9	5.40	15.7	5.26	15.4	5.12	15.1	4.83
	-27.4	-28.0	13.4	5.19	13.1	4.91	12.9	4.64	12.8	4.52	12.5	4.39	12.2	4.15
	-29.9	-30.0	11.3	4.57	11.1	4.33	10.9	4.08	10.8	3.98	10.5	3.87	10.3	3.65
110	15.0	13.7	42.4	10.10	41.6	9.55	40.8	9.01	40.4	8.79	39.6	8.57	38.7	8.12
	13.0	11.8	42.4	10.22	41.6	9.68	40.8	9.13	40.4	8.90	39.6	8.67	38.7	8.22
	11.0	9.8	42.4	10.37	41.6	9.81	40.8	9.26	40.4	9.03	39.6	8.80	38.7	8.34
	9.0	7.9	42.4	10.51	41.6	9.95	40.8	9.39	40.4	9.15	39.6	8.92	38.7	8.45
	8.3	6.1	42.4	10.66	41.6	10.09	40.8	9.52	40.4	9.28	39.6	9.04	38.7	8.57
	5.0	4.1	42.4	10.83	41.6	10.25	40.8	9.67	40.4	9.43	39.6	9.19	38.7	8.70
	2.5	1.7	40.3	10.49	39.5	9.93	38.7	9.37	38.4	9.14	37.6	8.90	36.8	8.43
	0.0	-0.7	38.5	10.22	37.7	9.67	37.0	9.13	36.6	8.90	35.9	8.67	35.2	8.21
	-3.0	-3.7	36.2	9.88	35.5	9.35	34.8	8.82	34.4	8.60	33.8	8.37	33.1	7.93
	-5.0	-5.6	34.7	9.65	34.1	9.14	33.4	8.62	33.1	8.40	32.4	8.19	31.7	7.75
	-7.0	-7.6	33.2	9.42	32.6	8.92	31.9	8.41	31.6	8.20	31.0	7.99	30.3	7.56
	-10.0	-10.5	31.0	9.07	30.4	8.59	29.8	8.11	29.5	7.90	28.9	7.69	28.3	7.28
	-14.5	-15.0	27.5	8.52	27.0	8.07	26.5	7.61	26.2	7.42	25.7	7.22	25.2	6.83
	-19.5	-20.0	22.2	7.36	21.8	6.97	21.4	6.58	21.1	6.41	20.7	6.24	20.3	5.89
	-22.8	-23.0	19.0	6.61	18.6	6.26	18.3	5.91	18.1	5.75	17.7	5.60	17.4	5.29
	-24.8	-25.0	16.9	6.07	16.5	5.75	16.2	5.43	16.1	5.29	15.7	5.14	15.4	4.86
	-27.4	-28.0	13.7	5.21	13.4	4.94	13.1	4.66	13.0	4.54	12.8	4.41	12.5	4.17
	-29.9	-30.0	11.5	4.59	11.3	4.35	11.1	4.10	11.0	3.99	10.8	3.89	10.5	3.67
120	15.0	13.7	43.6	10.24	42.8	9.69	42.0	9.14	41.5	8.91	40.7	8.69	39.9	8.23
	13.0	11.8	43.6	10.37	42.8	9.81	42.0	9.26	41.5	9.03	40.7	8.80	39.9	8.34
	11.0	9.8	43.6	10.52	42.8	9.95	42.0	9.39	41.5	9.15	40.7	8.92	39.9	8.45
	9.0	7.9	43.6	10.66	42.8	10.09	42.0	9.52	41.5	9.28	40.7	9.05	39.9	8.57
	8.3	6.1	43.6	10.81	42.8	10.23	42.0	9.65	41.5	9.41	40.7	9.17	39.9	8.69
	5.0	4.1	43.6	10.99	42.8	10.40	42.0	9.81	41.5	9.56	40.7	9.32	39.9	8.83
	2.5	1.7	41.5	10.64	40.7	10.07	39.9	9.50	39.5	9.26	38.7	9.03	37.9	8.55
	0.0	-0.7	39.6	10.37	38.8	9.81	38.1	9.26	37.7	9.02	36.9	8.79	36.2	8.32
	-3.0	-3.7	37.2	10.02	36.5	9.48	35.8	8.95	35.5	8.72	34.7	8.49	34.0	8.04
	-5.0	-5.6	35.7	9.79	35.1	9.27	34.4	8.75	34.0	8.52	33.4	8.30	32.7	7.86
	-7.0	-7.6	34.2	9.55	33.5	9.04	32.9	8.53	32.5	8.32	31.9	8.10	31.2	7.66
	-10.0	-10.5	31.9	9.20	31.3	8.71	30.7	8.22	30.4	8.01	29.8	7.80	29.2	7.38
	-14.5	-15.0	28.4	8.64	27.8	8.18	27.3	7.72	27.0	7.52	26.5	7.32	25.9	6.93
	-19.5	-20.0	22.9	7.46	22.4	7.07	22.0	6.67	21.8	6.50	21.3	6.33	20.9	5.98
	-22.8	-23.0	19.6	6.70	19.2	6.34	18.8	5.99	18.6	5.83	18.3	5.68	17.9	5.36
	-24.8	-25.0	17.4	6.16	17.0	5.83	16.7	5.51	16.5	5.36	16.2	5.22	15.9	4.93
	-27.4	-28.0	14.1	5.28	13.8	5.01	13.5	4.73	13.4	4.60	13.1	4.48	12.9	4.23
	-29.9	-30.0	11.9	4.65	11.6	4.41	11.4	4.16	11.3	4.05	11.1	3.94	10.8	3.72
130	15.0	13.7	44.7	10.33	43.8	9.77	43.0	9.22	42.5	8.99	41.7	8.76	40.8	8.31
	13.0	11.8	44.7	10.46	43.8	9.90	43.0	9.34	42.5	9.11	41.7	8.88	40.8	8.41
	11.0	9.8	44.7	10.61	43.8	10.04	43.0	9.47	42.5	9.24	41.7	9.00	40.8	8.53
	9.0	7.9	44.7	10.76	43.8	10.18	43.0	9.60	42.5	9.37	41.7	9.13	40.8	8.65
	8.3	6.1	44.7	10.91	43.8	10.32	43.0	9.74	42.5	9.50	41.7	9.25	40.8	8.77
	5.0	4.1	44.7	11.08	43.8	10.49	43.0	9.90	42.5	9.65	41.7	9.40	40.8	8.91
	2.5	1.7	42.5	10.74	41.6	10.16	40.8	9.59	40.4	9.35	39.6	9.11	38.8	8.62
	0.0	-0.7	40.5	10.46	39.8	9.90	39.0	9.34	38.6	9.10	37.8	8.87	37.1	8.40
	-3.0	-3.7	38.1	10.10	37.4	9.56	36.7	9.02	36.3	8.80	35.6	8.57	34.8	8.11
	-5.0	-5.6	36.6	9.88	35.9	9.35	35.2	8.82	34.8	8.60	34.1	8.38	33.4	7.93
	-7.0	-7.6	35.0	9.64	34.3	9.12	33.6	8.61	33.3	8.39	32.6	8.17	32.0	7.73
	-10.0	-10.5	32.6	9.28	32.0	8.79	31.4	8.29	31.1	8.08	30.5	7.87	29.8	7.44
	-14.5	-15.0	29.0	8.72	28.5	8.25	27.9	7.79	27.6	7.59	27.1	7.39	26.5	6.99
	-19.5	-20.0	23.4	7.53	23.0	7.13	22.5	6.73	22.3	6.56	21.8	6.38	21.4	6.03
	-22.8	-23.0	20.0	6.76	19.6	6.40	19.3	6.04	19.1	5.88	18.7	5.73	18.3	5.41
	-24.8	-25.0	17.8	6.21	17.4	5.88	17.1	5.55	16.9	5.41	16.6	5.26	16.3	4.97
	-27.4	-28.0	14.4	5.33	14.1	5.05	13.8	4.77	13.7	4.64	13.4	4.52	13.2	4.26
	-29.9	-30.0	12.1	4.69	11.9	4.45	11.7	4.20	11.6	4.09	11.3	3.98	11.1	3.75

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	37.4	8.95	36.7	8.47	36.0	7.99	35.6	7.79	34.9	7.59	34.2	7.20
	13.0	11.8	37.4	9.06	36.7	8.58	36.0	8.09	35.6	7.89	34.9	7.69	34.2	7.29
	11.0	9.8	37.4	9.19	36.7	8.70	36.0	8.20	35.6	8.00	34.9	7.80	34.2	7.39
	9.0	7.9	37.4	9.32	36.7	8.82	36.0	8.32	35.6	8.11	34.9	7.90	34.2	7.49
	8.3	6.1	37.4	9.45	36.7	8.94	36.0	8.44	35.6	8.22	34.9	8.01	34.2	7.59
	5.0	4.1	37.4	9.60	36.7	9.09	36.0	8.57	35.6	8.36	34.9	8.14	34.2	7.71
	2.5	1.7	35.5	9.30	34.9	8.80	34.2	8.30	33.9	8.10	33.2	7.89	32.5	7.47
	0.0	-0.7	33.9	9.06	33.3	8.57	32.6	8.09	32.3	7.89	31.7	7.68	31.0	7.27
	-3.0	-3.7	31.9	8.75	31.3	8.28	30.7	7.82	30.4	7.62	29.8	7.42	29.2	7.03
	-5.0	-5.6	30.6	8.56	30.0	8.10	29.5	7.64	29.2	7.45	28.6	7.25	28.0	6.87
	-7.0	-7.6	29.3	8.35	28.7	7.90	28.2	7.46	27.9	7.27	27.3	7.08	26.8	6.70
	-10.0	-10.5	27.3	8.04	26.8	7.61	26.3	7.18	26.0	7.00	25.5	6.82	25.0	6.45
	-14.5	-15.0	24.3	7.55	23.8	7.15	23.4	6.75	23.1	6.57	22.7	6.40	22.2	6.05
	-19.5	-20.0	19.6	6.52	19.2	6.18	18.8	5.83	18.7	5.68	18.3	5.53	17.9	5.22
	-22.8	-23.0	16.8	5.85	16.4	5.54	16.1	5.23	16.0	5.10	15.6	4.96	15.3	4.69
	-24.8	-25.0	14.9	5.38	14.6	5.10	14.3	4.81	14.2	4.68	13.9	4.56	13.6	4.30
	-27.4	-28.0	12.1	4.62	11.8	4.37	11.6	4.13	11.5	4.02	11.3	3.91	11.0	3.69
	-29.9	-30.0	10.2	4.07	10.0	3.85	9.8	3.64	9.7	3.54	9.5	3.44	9.3	3.25
80	15.0	13.7	33.2	7.87	32.6	7.45	32.0	7.02	31.7	6.85	31.0	6.68	30.4	6.33
	13.0	11.8	33.2	7.97	32.6	7.54	32.0	7.11	31.7	6.94	31.0	6.76	30.4	6.41
	11.0	9.8	33.2	8.08	32.6	7.65	32.0	7.21	31.7	7.04	31.0	6.86	30.4	6.50
	9.0	7.9	33.2	8.20	32.6	7.76	32.0	7.32	31.7	7.13	31.0	6.95	30.4	6.59
	8.3	6.1	33.2	8.31	32.6	7.86	32.0	7.42	31.7	7.23	31.0	7.05	30.4	6.68
	5.0	4.1	33.2	8.44	32.6	7.99	32.0	7.54	31.7	7.35	31.0	7.16	30.4	6.78
	2.5	1.7	31.6	8.18	31.0	7.74	30.4	7.30	30.1	7.12	29.5	6.94	28.9	6.57
	0.0	-0.7	30.2	7.97	29.6	7.54	29.0	7.11	28.7	6.93	28.1	6.76	27.6	6.40
	-3.0	-3.7	28.4	7.70	27.8	7.29	27.3	6.87	27.0	6.70	26.5	6.53	25.9	6.18
	-5.0	-5.6	27.2	7.52	26.7	7.12	26.2	6.72	25.9	6.55	25.4	6.38	24.9	6.04
	-7.0	-7.6	26.0	7.34	25.5	6.95	25.0	6.56	24.8	6.39	24.3	6.22	23.8	5.89
	-10.0	-10.5	24.3	7.07	23.8	6.69	23.4	6.32	23.1	6.16	22.7	5.99	22.2	5.67
	-14.5	-15.0	21.6	6.64	21.2	6.29	20.8	5.93	20.6	5.78	20.2	5.63	19.8	5.32
	-19.5	-20.0	17.4	5.74	17.1	5.43	16.8	5.13	16.6	4.99	16.3	4.86	15.9	4.59
	-22.8	-23.0	14.9	5.15	14.6	4.88	14.3	4.60	14.2	4.48	13.9	4.36	13.6	4.12
	-24.8	-25.0	13.2	4.73	13.0	4.48	12.7	4.23	12.6	4.12	12.3	4.01	12.1	3.79
	-27.4	-28.0	10.7	4.06	10.5	3.85	10.3	3.63	10.2	3.54	10.0	3.44	9.8	3.25
	-29.9	-30.0	9.0	3.58	8.9	3.39	8.7	3.20	8.6	3.11	8.4	3.03	8.3	2.86
70	15.0	13.7	29.1	6.81	28.5	6.45	28.0	6.08	27.7	5.93	27.1	5.78	26.6	5.48
	13.0	11.8	29.1	6.90	28.5	6.53	28.0	6.16	27.7	6.01	27.1	5.85	26.6	5.55
	11.0	9.8	29.1	7.00	28.5	6.62	28.0	6.25	27.7	6.09	27.1	5.94	26.6	5.63
	9.0	7.9	29.1	7.10	28.5	6.72	28.0	6.33	27.7	6.18	27.1	6.02	26.6	5.70
	8.3	6.1	29.1	7.19	28.5	6.81	28.0	6.42	27.7	6.26	27.1	6.10	26.6	5.78
	5.0	4.1	29.1	7.31	28.5	6.92	28.0	6.53	27.7	6.36	27.1	6.20	26.6	5.87
	2.5	1.7	27.6	7.08	27.1	6.70	26.6	6.32	26.3	6.16	25.8	6.01	25.3	5.69
	0.0	-0.7	26.4	6.90	25.9	6.53	25.4	6.16	25.1	6.00	24.6	5.85	24.1	5.54
	-3.0	-3.7	24.8	6.66	24.3	6.31	23.9	5.95	23.6	5.80	23.2	5.65	22.7	5.35
	-5.0	-5.6	23.8	6.51	23.4	6.17	22.9	5.82	22.7	5.67	22.2	5.52	21.8	5.23
	-7.0	-7.6	22.8	6.36	22.3	6.02	21.9	5.68	21.7	5.53	21.3	5.39	20.8	5.10
	-10.0	-10.5	21.3	6.12	20.9	5.80	20.4	5.47	20.2	5.33	19.8	5.19	19.4	4.91
	-14.5	-15.0	18.9	5.75	18.5	5.44	18.2	5.14	18.0	5.01	17.6	4.87	17.3	4.61
	-19.5	-20.0	15.2	4.97	14.9	4.70	14.7	4.44	14.5	4.32	14.2	4.21	13.9	3.98
	-22.8	-23.0	13.0	4.46	12.8	4.22	12.5	3.99	12.4	3.88	12.2	3.78	11.9	3.57
	-24.8	-25.0	11.6	4.10	11.4	3.88	11.1	3.66	11.0	3.57	10.8	3.47	10.6	3.28
	-27.4	-28.0	9.4	3.52	9.2	3.33	9.0	3.14	8.9	3.06	8.8	2.98	8.6	2.81
	-29.9	-30.0	7.9	3.10	7.8	2.93	7.6	2.77	7.5	2.70	7.4	2.62	7.2	2.47

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-MUP1441FT6P-UL/MMY-MUP1441FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	49.9	12.41	48.9	11.75	48.0	11.08	47.5	10.81	46.5	10.53	45.6	9.98
	13.0	11.8	49.9	12.57	48.9	11.90	48.0	11.22	47.5	10.94	46.5	10.67	45.6	10.11
	11.0	9.8	49.9	12.75	48.9	12.07	48.0	11.38	47.5	11.10	46.5	10.82	45.6	10.25
	9.0	7.9	49.9	12.93	48.9	12.24	48.0	11.54	47.5	11.26	46.5	10.97	45.6	10.39
	8.3	6.1	49.9	13.11	48.9	12.41	48.0	11.70	47.5	11.41	46.5	11.12	45.6	10.53
	5.0	4.1	49.9	13.32	48.9	12.61	48.0	11.89	47.5	11.60	46.5	11.30	45.6	10.70
	2.5	1.7	49.9	13.59	48.9	12.87	48.0	12.14	47.5	11.83	46.5	11.53	45.6	10.92
	0.0	-0.7	49.9	13.89	48.9	13.15	48.0	12.40	47.5	12.09	46.5	11.78	45.6	11.15
	-3.0	-3.7	49.9	14.30	48.9	13.53	48.0	12.77	47.5	12.45	46.5	12.12	45.6	11.48
	-5.0	-5.6	47.9	14.00	47.0	13.25	46.1	12.51	45.7	12.19	44.7	11.87	43.8	11.24
	-7.0	-7.6	45.7	13.62	44.8	12.89	44.0	12.16	43.5	11.85	42.6	11.54	41.8	10.92
	-10.0	-10.5	42.4	13.05	41.6	12.35	40.8	11.66	40.4	11.36	39.6	11.06	38.8	10.46
	-14.5	-15.0	37.4	12.14	36.7	11.49	36.0	10.85	35.6	10.57	34.9	10.29	34.2	9.73
	-19.5	-20.0	30.9	10.76	30.3	10.19	29.7	9.61	29.4	9.36	28.8	9.11	28.3	8.61
	-22.8	-23.0	25.8	9.42	25.3	8.92	24.8	8.42	24.6	8.20	24.1	7.98	23.6	7.54
	-24.8	-25.0	22.4	8.46	22.0	8.02	21.6	7.57	21.4	7.37	20.9	7.17	20.5	6.77
	-27.4	-28.0	17.3	6.93	17.0	6.56	16.7	6.19	16.5	6.03	16.2	5.87	15.9	5.54
	-29.9	-30.0	14.0	5.81	13.7	5.50	13.4	5.20	13.3	5.06	13.0	4.92	12.8	4.64
110	15.0	13.7	50.9	12.47	49.9	11.80	48.9	11.13	48.4	10.86	47.5	10.58	46.5	10.03
	13.0	11.8	50.9	12.63	49.9	11.95	48.9	11.27	48.4	11.00	47.5	10.72	46.5	10.16
	11.0	9.8	50.9	12.81	49.9	12.12	48.9	11.43	48.4	11.15	47.5	10.87	46.5	10.30
	9.0	7.9	50.9	12.99	49.9	12.29	48.9	11.60	48.4	11.31	47.5	11.02	46.5	10.44
	8.3	6.1	50.9	13.17	49.9	12.46	48.9	11.76	48.4	11.46	47.5	11.17	46.5	10.58
	5.0	4.1	50.9	13.38	49.9	12.67	48.9	11.95	48.4	11.65	47.5	11.35	46.5	10.75
	2.5	1.7	50.9	13.66	49.9	12.93	48.9	12.19	48.4	11.89	47.5	11.58	46.5	10.97
	0.0	-0.7	50.9	13.95	49.9	13.21	48.9	12.46	48.4	12.15	47.5	11.83	46.5	11.21
	-3.0	-3.7	50.9	14.36	49.9	13.60	48.9	12.83	48.4	12.50	47.5	12.18	46.5	11.53
	-5.0	-5.6	48.9	14.06	48.0	13.31	47.0	12.56	46.6	12.24	45.6	11.93	44.7	11.29
	-7.0	-7.6	46.6	13.68	45.7	12.95	44.8	12.22	44.4	11.91	43.5	11.60	42.6	10.98
	-10.0	-10.5	43.3	13.11	42.5	12.41	41.6	11.71	41.2	11.41	40.4	11.11	39.6	10.51
	-14.5	-15.0	38.1	12.19	37.4	11.55	36.7	10.90	36.3	10.62	35.6	10.34	34.9	9.77
	-19.5	-20.0	31.5	10.81	30.9	10.23	30.3	9.66	30.0	9.41	29.4	9.16	28.8	8.65
	-22.8	-23.0	26.3	9.46	25.8	8.96	25.3	8.46	25.1	8.24	24.6	8.01	24.1	7.57
	-24.8	-25.0	22.9	8.50	22.4	8.05	22.0	7.60	21.8	7.40	21.4	7.20	20.9	6.80
	-27.4	-28.0	17.7	6.96	17.4	6.59	17.0	6.22	16.9	6.06	16.5	5.89	16.2	5.56
	-29.9	-30.0	14.2	5.84	14.0	5.53	13.7	5.22	13.6	5.08	13.3	4.94	13.0	4.67
120	15.0	13.7	52.3	12.65	51.3	11.97	50.4	11.29	49.9	11.01	48.9	10.73	47.9	10.17
	13.0	11.8	52.3	12.81	51.3	12.12	50.4	11.43	49.9	11.15	48.9	10.87	47.9	10.30
	11.0	9.8	52.3	12.99	51.3	12.29	50.4	11.60	49.9	11.31	48.9	11.02	47.9	10.44
	9.0	7.9	52.3	13.17	51.3	12.47	50.4	11.76	49.9	11.47	48.9	11.17	47.9	10.59
	8.3	6.1	52.3	13.36	51.3	12.64	50.4	11.92	49.9	11.63	48.9	11.33	47.9	10.73
	5.0	4.1	52.3	13.57	51.3	12.84	50.4	12.12	49.9	11.81	48.9	11.51	47.9	10.90
	2.5	1.7	52.3	13.85	51.3	13.11	50.4	12.37	49.9	12.06	48.9	11.75	47.9	11.12
	0.0	-0.7	52.3	14.15	51.3	13.39	50.4	12.64	49.9	12.32	48.9	12.00	47.9	11.36
	-3.0	-3.7	52.3	14.57	51.3	13.79	50.4	13.01	49.9	12.68	48.9	12.35	47.9	11.69
	-5.0	-5.6	50.3	14.26	49.4	13.50	48.4	12.74	47.9	12.42	47.0	12.09	46.0	11.45
	-7.0	-7.6	48.0	13.87	47.1	13.13	46.1	12.39	45.7	12.08	44.8	11.76	43.9	11.13
	-10.0	-10.5	44.6	13.29	43.7	12.59	42.9	11.88	42.4	11.57	41.6	11.27	40.7	10.66
	-14.5	-15.0	39.3	12.37	38.5	11.71	37.8	11.05	37.4	10.77	36.6	10.48	35.9	9.91
	-19.5	-20.0	32.5	10.96	31.8	10.38	31.2	9.80	30.9	9.54	30.3	9.29	29.7	8.78
	-22.8	-23.0	27.1	9.59	26.6	9.09	26.1	8.58	25.8	8.35	25.3	8.13	24.8	7.68
	-24.8	-25.0	23.6	8.62	23.1	8.17	22.7	7.71	22.4	7.51	22.0	7.30	21.5	6.90
	-27.4	-28.0	18.2	7.06	17.9	6.68	17.5	6.31	17.3	6.14	17.0	5.98	16.7	5.64
	-29.9	-30.0	14.7	5.92	14.4	5.61	14.1	5.30	14.0	5.15	13.7	5.01	13.4	4.73
130	15.0	13.7	53.6	12.76	52.6	12.07	51.6	11.39	51.0	11.11	50.0	10.83	49.0	10.26
	13.0	11.8	53.6	12.92	52.6	12.23	51.6	11.54	51.0	11.25	50.0	10.96	49.0	10.39
	11.0	9.8	53.6	13.11	52.6	12.40	51.6	11.70	51.0	11.41	50.0	11.12	49.0	10.54
	9.0	7.9	53.6	13.29	52.6	12.58	51.6	11.86	51.0	11.57	50.0	11.27	49.0	10.68
	8.3	6.1	53.6	13.47	52.6	12.75	51.6	12.03	51.0	11.73	50.0	11.43	49.0	10.83
	5.0	4.1	53.6	13.69	52.6	12.96	51.6	12.23	51.0	11.92	50.0	11.61	49.0	11.00
	2.5	1.7	53.6	13.97	52.6	13.22	51.6	12.48	51.0	12.16	50.0	11.85	49.0	11.22
	0.0	-0.7	53.6	14.28	52.6	13.51	51.6	12.75	51.0	12.43	50.0	12.11	49.0	11.46
	-3.0	-3.7	53.6	14.70	52.6	13.91	51.6	13.13	51.0	12.79	50.0	12.46	49.0	11.80
	-5.0	-5.6	51.5	14.39	50.5	13.62	49.6	12.85	49.1	12.53	48.1	12.20	47.1	11.55
	-7.0	-7.6	49.1	14.00	48.2	13.25	47.2	12.50	46.8	12.18	45.8	11.87	44.9	11.23
	-10.0	-10.5	45.6	13.41	44.8	12.70	43.9	11.98	43.4	11.68	42.6	11.37	41.7	10.76
	-14.5	-15.0	40.2	12.48	39.4	11.81	38.7	11.15	38.3	10.86	37.5	10.57	36.7	10.00
	-19.5	-20.0	33.2	11.06	32.6	10.47	32.0	9.88	31.6	9.63	31.0	9.37	30.4	8.85
	-22.8	-23.0	27.8	9.68	27.2	9.17	26.7	8.65	26.4	8.43	25.9	8.20	25.4	7.75
	-24.8	-25.0	24.1	8.70	23.7	8.24	23.2	7.78	23.0	7.57	22.5	7.37	22.0	6.96
	-27.4	-28.0	18.7	7.12	18.3	6.74	17.9	6.37	17.8	6.20	17.4	6.03	17.1	5.69
	-29.9	-30.0	15.0	5.97	14.7	5.66	14.4	5.34	14.3	5.20	14.0	5.06	13.7	4.77

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	44.9	11.05	44.0	10.46	43.2	9.86	42.7	9.62	41.9	9.38	41.0	8.89
	13.0	11.8	44.9	11.19	44.0	10.59	43.2	9.99	42.7	9.74	41.9	9.50	41.0	9.00
	11.0	9.8	44.9	11.35	44.0	10.74	43.2	10.13	42.7	9.88	41.9	9.63	41.0	9.13
	9.0	7.9	44.9	11.51	44.0	10.89	43.2	10.28	42.7	10.02	41.9	9.76	41.0	9.25
	8.3	6.1	44.9	11.67	44.0	11.05	43.2	10.42	42.7	10.16	41.9	9.90	41.0	9.38
	5.0	4.1	44.9	11.86	44.0	11.22	43.2	10.59	42.7	10.32	41.9	10.06	41.0	9.53
	2.5	1.7	44.9	12.10	44.0	11.45	43.2	10.81	42.7	10.54	41.9	10.26	41.0	9.72
	0.0	-0.7	44.9	12.37	44.0	11.70	43.2	11.04	42.7	10.77	41.9	10.49	41.0	9.93
	-3.0	-3.7	44.9	12.73	44.0	12.05	43.2	11.37	42.7	11.08	41.9	10.79	41.0	10.22
	-5.0	-5.6	43.1	12.46	42.3	11.80	41.5	11.13	41.1	10.85	40.3	10.57	39.4	10.00
	-7.0	-7.6	41.1	12.12	40.3	11.48	39.6	10.83	39.2	10.55	38.4	10.28	37.6	9.73
	-10.0	-10.5	38.2	11.62	37.5	11.00	36.7	10.38	36.4	10.11	35.6	9.85	34.9	9.32
	-14.5	-15.0	33.7	10.81	33.0	10.23	32.4	9.66	32.0	9.41	31.4	9.16	30.8	8.66
	-19.5	-20.0	27.8	9.58	27.3	9.07	26.8	8.56	26.5	8.34	26.0	8.11	25.4	7.67
	-22.8	-23.0	23.2	8.38	22.8	7.94	22.4	7.50	22.1	7.30	21.7	7.10	21.2	6.71
	-24.8	-25.0	20.2	7.54	19.8	7.14	19.4	6.74	19.2	6.56	18.8	6.38	18.5	6.03
	-27.4	-28.0	15.6	6.17	15.3	5.84	15.0	5.51	14.9	5.37	14.6	5.22	14.3	4.93
	-29.9	-30.0	12.6	5.17	12.3	4.90	12.1	4.63	12.0	4.50	11.7	4.38	11.5	4.13
80	15.0	13.7	39.9	9.72	39.1	9.20	38.4	8.68	38.0	8.46	37.2	8.25	36.5	7.82
	13.0	11.8	39.9	9.84	39.1	9.32	38.4	8.79	38.0	8.57	37.2	8.35	36.5	7.92
	11.0	9.8	39.9	9.98	39.1	9.45	38.4	8.91	38.0	8.69	37.2	8.47	36.5	8.03
	9.0	7.9	39.9	10.12	39.1	9.58	38.4	9.04	38.0	8.81	37.2	8.59	36.5	8.14
	8.3	6.1	39.9	10.26	39.1	9.71	38.4	9.16	38.0	8.94	37.2	8.71	36.5	8.25
	5.0	4.1	39.9	10.43	39.1	9.87	38.4	9.31	38.0	9.08	37.2	8.85	36.5	8.38
	2.5	1.7	39.9	10.64	39.1	10.07	38.4	9.50	38.0	9.27	37.2	9.03	36.5	8.55
	0.0	-0.7	39.9	10.88	39.1	10.29	38.4	9.71	38.0	9.47	37.2	9.22	36.5	8.73
	-3.0	-3.7	39.9	11.19	39.1	10.60	38.4	10.00	38.0	9.75	37.2	9.49	36.5	8.99
	-5.0	-5.6	38.3	10.96	37.6	10.38	36.9	9.79	36.5	9.54	35.8	9.29	35.1	8.80
	-7.0	-7.6	36.6	10.66	35.9	10.09	35.2	9.52	34.8	9.28	34.1	9.04	33.4	8.55
	-10.0	-10.5	34.0	10.22	33.3	9.67	32.7	9.13	32.3	8.89	31.7	8.66	31.0	8.19
	-14.5	-15.0	29.9	9.50	29.3	9.00	28.8	8.49	28.5	8.27	27.9	8.06	27.3	7.62
	-19.5	-20.0	24.7	8.42	24.3	7.98	23.8	7.53	23.5	7.33	23.1	7.14	22.6	6.74
	-22.8	-23.0	20.7	7.37	20.3	6.98	19.9	6.59	19.7	6.42	19.3	6.25	18.9	5.90
	-24.8	-25.0	17.9	6.63	17.6	6.28	17.3	5.93	17.1	5.77	16.8	5.61	16.4	5.30
	-27.4	-28.0	13.9	5.42	13.6	5.14	13.4	4.85	13.2	4.72	13.0	4.59	12.7	4.34
	-29.9	-30.0	11.2	4.55	11.0	4.31	10.7	4.07	10.6	3.96	10.4	3.85	10.2	3.64
70	15.0	13.7	34.9	8.42	34.2	7.96	33.6	7.51	33.2	7.33	32.6	7.14	31.9	6.77
	13.0	11.8	34.9	8.52	34.2	8.07	33.6	7.61	33.2	7.42	32.6	7.23	31.9	6.85
	11.0	9.8	34.9	8.64	34.2	8.18	33.6	7.72	33.2	7.52	32.6	7.33	31.9	6.95
	9.0	7.9	34.9	8.77	34.2	8.30	33.6	7.83	33.2	7.63	32.6	7.44	31.9	7.05
	8.3	6.1	34.9	8.89	34.2	8.41	33.6	7.93	33.2	7.74	32.6	7.54	31.9	7.14
	5.0	4.1	34.9	9.03	34.2	8.55	33.6	8.06	33.2	7.86	32.6	7.66	31.9	7.26
	2.5	1.7	34.9	9.22	34.2	8.72	33.6	8.23	33.2	8.02	32.6	7.82	31.9	7.40
	0.0	-0.7	34.9	9.42	34.2	8.91	33.6	8.41	33.2	8.20	32.6	7.99	31.9	7.56
	-3.0	-3.7	34.9	9.69	34.2	9.17	33.6	8.66	33.2	8.44	32.6	8.22	31.9	7.78
	-5.0	-5.6	33.6	9.49	32.9	8.98	32.3	8.48	32.0	8.26	31.3	8.05	30.7	7.62
	-7.0	-7.6	32.0	9.23	31.4	8.74	30.8	8.25	30.5	8.04	29.9	7.83	29.2	7.41
	-10.0	-10.5	29.7	8.85	29.1	8.37	28.6	7.90	28.3	7.70	27.7	7.50	27.2	7.09
	-14.5	-15.0	26.2	8.23	25.7	7.79	25.2	7.35	24.9	7.16	24.4	6.97	23.9	6.59
	-19.5	-20.0	21.6	7.29	21.2	6.91	20.8	6.52	20.6	6.35	20.2	6.18	19.8	5.84
	-22.8	-23.0	18.1	6.38	17.7	6.05	17.4	5.71	17.2	5.56	16.9	5.41	16.5	5.11
	-24.8	-25.0	15.7	5.74	15.4	5.43	15.1	5.13	15.0	5.00	14.7	4.86	14.4	4.59
	-27.4	-28.0	12.1	4.70	11.9	4.45	11.7	4.20	11.6	4.09	11.3	3.98	11.1	3.75
	-29.9	-30.0	9.8	3.94	9.6	3.73	9.4	3.52	9.3	3.43	9.1	3.34	8.9	3.15

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP1681FT6P-UL/MMY-MUP1681FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	58.2	15.48	57.1	14.65	55.9	13.82	55.4	13.48	54.3	13.14	53.2	12.45
	13.0	11.8	58.2	15.68	57.1	14.84	55.9	14.00	55.4	13.65	54.3	13.30	53.2	12.61
	11.0	9.8	58.2	15.90	57.1	15.05	55.9	14.20	55.4	13.84	54.3	13.49	53.2	12.79
	9.0	7.9	58.2	16.13	57.1	15.26	55.9	14.40	55.4	14.04	54.3	13.68	53.2	12.96
	8.3	6.1	58.2	16.35	57.1	15.47	55.9	14.60	55.4	14.23	54.3	13.87	53.2	13.14
	5.0	4.1	58.2	16.62	57.1	15.73	55.9	14.84	55.4	14.46	54.3	14.09	53.2	13.35
	2.5	1.7	58.2	16.96	57.1	16.05	55.9	15.14	55.4	14.76	54.3	14.38	53.2	13.62
	0.0	-0.7	55.3	16.44	54.2	15.56	53.2	14.68	52.6	14.31	51.6	13.94	50.5	13.20
	-3.0	-3.7	51.6	15.77	50.6	14.92	49.6	14.08	49.1	13.72	48.2	13.37	47.2	12.66
	-5.0	-5.6	49.3	15.33	48.3	14.51	47.4	13.69	46.9	13.35	46.0	13.00	45.1	12.30
	-7.0	-7.6	46.8	14.87	46.0	14.07	45.1	13.28	44.6	12.94	43.7	12.60	42.8	11.93
	-10.0	-10.5	43.3	14.18	42.5	13.42	41.7	12.67	41.2	12.34	40.4	12.02	39.6	11.37
	-14.5	-15.0	37.8	13.07	37.1	12.37	36.4	11.68	36.0	11.38	35.3	11.08	34.6	10.47
	-19.5	-20.0	30.8	11.42	30.2	10.82	29.7	10.21	29.4	9.94	28.8	9.68	28.2	9.15
	-22.8	-23.0	26.3	10.22	25.8	9.67	25.3	9.13	25.0	8.89	24.5	8.65	24.0	8.18
	-24.8	-25.0	23.3	9.36	22.8	8.86	22.4	8.37	22.2	8.15	21.7	7.93	21.3	7.49
	-27.4	-28.0	18.7	7.98	18.4	7.56	18.0	7.14	17.8	6.95	17.5	6.76	17.1	6.38
	-29.9	-30.0	15.7	6.98	15.4	6.62	15.1	6.25	15.0	6.08	14.7	5.91	14.4	5.58
110	15.0	13.7	59.3	15.56	58.2	14.72	57.1	13.88	56.5	13.54	55.4	13.20	54.2	12.51
	13.0	11.8	59.3	15.76	58.2	14.91	57.1	14.06	56.5	13.72	55.4	13.37	54.2	12.67
	11.0	9.8	59.3	15.98	58.2	15.12	57.1	14.26	56.5	13.91	55.4	13.55	54.2	12.85
	9.0	7.9	59.3	16.20	58.2	15.33	57.1	14.46	56.5	14.10	55.4	13.74	54.2	13.02
	8.3	6.1	59.3	16.43	58.2	15.55	57.1	14.67	56.5	14.30	55.4	13.93	54.2	13.20
	5.0	4.1	59.3	16.69	58.2	15.80	57.1	14.90	56.5	14.53	55.4	14.16	54.2	13.41
	2.5	1.7	59.3	17.03	58.2	16.12	57.1	15.21	56.5	14.83	55.4	14.45	54.2	13.68
	0.0	-0.7	56.4	16.52	55.3	15.63	54.2	14.75	53.7	14.38	52.6	14.01	51.5	13.26
	-3.0	-3.7	52.6	15.84	51.6	14.99	50.6	14.15	50.1	13.79	49.1	13.43	48.1	12.71
	-5.0	-5.6	50.3	15.40	49.3	14.58	48.4	13.76	47.9	13.41	46.9	13.06	46.0	12.36
	-7.0	-7.6	47.8	14.94	46.9	14.14	46.0	13.34	45.5	13.00	44.6	12.66	43.7	11.98
	-10.0	-10.5	44.2	14.25	43.3	13.49	42.5	12.73	42.1	12.40	41.2	12.08	40.4	11.42
	-14.5	-15.0	38.6	13.13	37.8	12.43	37.1	11.73	36.7	11.43	36.0	11.13	35.3	10.52
	-19.5	-20.0	31.4	11.48	30.8	10.87	30.2	10.26	29.9	9.99	29.3	9.72	28.7	9.19
	-22.8	-23.0	26.8	10.26	26.3	9.72	25.8	9.18	25.5	8.93	25.0	8.69	24.5	8.21
	-24.8	-25.0	23.7	9.40	23.3	8.91	22.8	8.41	22.6	8.19	22.1	7.97	21.7	7.52
	-27.4	-28.0	19.1	8.02	18.7	7.60	18.4	7.17	18.2	6.98	17.8	6.79	17.5	6.41
	-29.9	-30.0	16.0	7.02	15.7	6.65	15.4	6.28	15.3	6.11	15.0	5.94	14.6	5.61
120	15.0	13.7	61.1	15.78	59.9	14.93	58.7	14.08	58.2	13.73	57.0	13.38	55.8	12.69
	13.0	11.8	61.1	15.98	59.9	15.12	58.7	14.26	58.2	13.91	57.0	13.56	55.8	12.85
	11.0	9.8	61.1	16.20	59.9	15.33	58.7	14.47	58.2	14.11	57.0	13.75	55.8	13.03
	9.0	7.9	61.1	16.43	59.9	15.55	58.7	14.67	58.2	14.30	57.0	13.94	55.8	13.21
	8.3	6.1	61.1	16.66	59.9	15.77	58.7	14.87	58.2	14.50	57.0	14.13	55.8	13.39
	5.0	4.1	61.1	16.93	59.9	16.02	58.7	15.12	58.2	14.74	57.0	14.36	55.8	13.60
	2.5	1.7	61.1	17.28	59.9	16.35	58.7	15.43	58.2	15.04	57.0	14.65	55.8	13.88
	0.0	-0.7	58.0	16.75	56.9	15.85	55.8	14.96	55.3	14.58	54.2	14.20	53.1	13.45
	-3.0	-3.7	54.2	16.06	53.2	15.21	52.1	14.35	51.6	13.98	50.6	13.62	49.5	12.89
	-5.0	-5.6	51.8	15.62	50.8	14.79	49.8	13.95	49.3	13.60	48.3	13.24	47.3	12.54
	-7.0	-7.6	49.2	15.15	48.2	14.34	47.3	13.53	46.8	13.19	45.9	12.84	45.0	12.15
	-10.0	-10.5	45.5	14.45	44.6	13.68	43.7	12.91	43.3	12.58	42.4	12.25	41.6	11.59
	-14.5	-15.0	39.7	13.31	38.9	12.61	38.2	11.90	37.8	11.59	37.0	11.28	36.3	10.67
	-19.5	-20.0	32.4	11.64	31.8	11.02	31.1	10.40	30.8	10.13	30.2	9.86	29.6	9.32
	-22.8	-23.0	27.6	10.41	27.1	9.86	26.6	9.31	26.3	9.06	25.8	8.82	25.2	8.33
	-24.8	-25.0	24.4	9.54	24.0	9.03	23.5	8.53	23.3	8.30	22.8	8.08	22.3	7.63
	-27.4	-28.0	19.7	8.13	19.3	7.70	18.9	7.27	18.7	7.08	18.4	6.89	18.0	6.50
	-29.9	-30.0	16.5	7.12	16.2	6.74	15.9	6.37	15.7	6.20	15.4	6.03	15.1	5.69
130	15.0	13.7	62.5	15.92	61.3	15.06	60.1	14.21	59.5	13.85	58.4	13.50	57.2	12.80
	13.0	11.8	62.5	16.12	61.3	15.25	60.1	14.39	59.5	14.03	58.4	13.68	57.2	12.96
	11.0	9.8	62.5	16.35	61.3	15.47	60.1	14.59	59.5	14.23	58.4	13.87	57.2	13.14
	9.0	7.9	62.5	16.58	61.3	15.69	60.1	14.80	59.5	14.43	58.4	14.06	57.2	13.33
	8.3	6.1	62.5	16.81	61.3	15.91	60.1	15.01	59.5	14.63	58.4	14.26	57.2	13.51
	5.0	4.1	62.5	17.08	61.3	16.16	60.1	15.25	59.5	14.87	58.4	14.49	57.2	13.72
	2.5	1.7	62.5	17.43	61.3	16.50	60.1	15.56	59.5	15.17	58.4	14.78	57.2	14.00
	0.0	-0.7	59.4	16.90	58.3	15.99	57.2	15.09	56.6	14.71	55.5	14.33	54.3	13.57
	-3.0	-3.7	55.5	16.21	54.4	15.34	53.4	14.47	52.8	14.11	51.8	13.74	50.7	13.01
	-5.0	-5.6	53.0	15.76	52.0	14.92	51.0	14.08	50.5	13.72	49.5	13.36	48.4	12.65
	-7.0	-7.6	50.4	15.28	49.4	14.47	48.4	13.65	48.0	13.30	47.0	12.96	46.0	12.26
	-10.0	-10.5	46.5	14.57	45.7	13.80	44.8	13.02	44.3	12.69	43.4	12.35	42.6	11.69
	-14.5	-15.0	40.6	13.43	39.9	12.72	39.1	12.00	38.7	11.69	37.9	11.38	37.2	10.77
	-19.5	-20.0	33.1	11.74	32.5	11.12	31.9	10.49	31.6	10.22	30.9	9.95	30.3	9.40
	-22.8	-23.0	28.3	10.50	27.7	9.94	27.2	9.39	26.9	9.14	26.4	8.90	25.8	8.40
	-24.8	-25.0	25.0	9.62	24.5	9.11	24.1	8.60	23.8	8.38	23.3	8.15	22.9	7.70
	-27.4	-28.0	20.1	8.20	19.7	7.77	19.4	7.34	19.2	7.14	18.8	6.95	18.4	6.56
	-29.9	-30.0	16.9	7.18	16.6	6.80	16.2	6.42	16.1	6.25	15.8	6.08	15.4	5.74

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	52.3	13.79	51.3	13.05	50.4	12.30	49.9	12.00	48.9	11.70	47.9	11.09
	13.0	11.8	52.3	13.96	51.3	13.21	50.4	12.46	49.9	12.15	48.9	11.85	47.9	11.23
	11.0	9.8	52.3	14.16	51.3	13.40	50.4	12.64	49.9	12.33	48.9	12.01	47.9	11.38
	9.0	7.9	52.3	14.36	51.3	13.59	50.4	12.82	49.9	12.50	48.9	12.18	47.9	11.54
	8.3	6.1	52.3	14.56	51.3	13.78	50.4	13.00	49.9	12.67	48.9	12.35	47.9	11.70
	5.0	4.1	52.3	14.79	51.3	14.00	50.4	13.21	49.9	12.88	48.9	12.55	47.9	11.89
	2.5	1.7	52.3	15.10	51.3	14.29	50.4	13.48	49.9	13.14	48.9	12.80	47.9	12.13
	0.0	-0.7	49.7	14.64	48.8	13.85	47.8	13.07	47.4	12.74	46.4	12.41	45.5	11.75
	-3.0	-3.7	46.4	14.04	45.6	13.29	44.7	12.54	44.2	12.22	43.4	11.90	42.5	11.27
	-5.0	-5.6	44.4	13.65	43.5	12.92	42.7	12.19	42.2	11.88	41.4	11.57	40.6	10.95
	-7.0	-7.6	42.2	13.24	41.4	12.53	40.6	11.82	40.2	11.52	39.3	11.22	38.5	10.62
	-10.0	-10.5	39.0	12.62	38.2	11.95	37.5	11.28	37.1	10.99	36.4	10.70	35.6	10.12
	-14.5	-15.0	34.0	11.64	33.4	11.02	32.7	10.40	32.4	10.13	31.8	9.86	31.1	9.32
	-19.5	-20.0	27.7	10.17	27.2	9.63	26.7	9.09	26.4	8.85	25.9	8.62	25.4	8.14
	-22.8	-23.0	23.7	9.10	23.2	8.61	22.8	8.13	22.5	7.92	22.1	7.71	21.6	7.28
	-24.8	-25.0	20.9	8.33	20.5	7.89	20.1	7.45	19.9	7.26	19.5	7.06	19.1	6.67
	-27.4	-28.0	16.9	7.11	16.5	6.73	16.2	6.36	16.1	6.19	15.7	6.02	15.4	5.68
	-29.9	-30.0	14.1	6.22	13.9	5.89	13.6	5.56	13.5	5.41	13.2	5.27	12.9	4.97
80	15.0	13.7	46.5	12.12	45.6	11.47	44.8	10.82	44.3	10.55	43.4	10.29	42.5	9.75
	13.0	11.8	46.5	12.28	45.6	11.62	44.8	10.96	44.3	10.69	43.4	10.42	42.5	9.87
	11.0	9.8	46.5	12.45	45.6	11.79	44.8	11.12	44.3	10.84	43.4	10.56	42.5	10.01
	9.0	7.9	46.5	12.63	45.6	11.95	44.8	11.27	44.3	10.99	43.4	10.71	42.5	10.15
	8.3	6.1	46.5	12.80	45.6	12.12	44.8	11.43	44.3	11.15	43.4	10.86	42.5	10.29
	5.0	4.1	46.5	13.01	45.6	12.31	44.8	11.62	44.3	11.33	43.4	11.03	42.5	10.45
	2.5	1.7	46.5	13.28	45.6	12.57	44.8	11.86	44.3	11.56	43.4	11.26	42.5	10.66
	0.0	-0.7	44.2	12.87	43.4	12.18	42.5	11.50	42.1	11.21	41.3	10.92	40.4	10.34
	-3.0	-3.7	41.3	12.34	40.5	11.69	39.7	11.03	39.3	10.75	38.5	10.47	37.7	9.91
	-5.0	-5.6	39.4	12.00	38.7	11.36	37.9	10.72	37.6	10.45	36.8	10.18	36.0	9.63
	-7.0	-7.6	37.5	11.64	36.8	11.02	36.0	10.40	35.7	10.13	35.0	9.87	34.3	9.34
	-10.0	-10.5	34.6	11.10	34.0	10.51	33.3	9.92	33.0	9.67	32.3	9.41	31.7	8.90
	-14.5	-15.0	30.2	10.23	29.7	9.69	29.1	9.14	28.8	8.91	28.2	8.67	27.7	8.20
	-19.5	-20.0	24.7	8.94	24.2	8.47	23.7	7.99	23.5	7.79	23.0	7.58	22.5	7.16
	-22.8	-23.0	21.0	8.00	20.6	7.57	20.2	7.15	20.0	6.96	19.6	6.78	19.2	6.40
	-24.8	-25.0	18.6	7.33	18.3	6.94	17.9	6.55	17.7	6.38	17.4	6.21	17.0	5.86
	-27.4	-28.0	15.0	6.25	14.7	5.92	14.4	5.59	14.3	5.44	14.0	5.29	13.7	5.00
	-29.9	-30.0	12.6	5.47	12.3	5.18	12.1	4.89	12.0	4.76	11.7	4.63	11.5	4.37
70	15.0	13.7	40.7	10.50	39.9	9.93	39.2	9.37	38.8	9.14	38.0	8.91	37.2	8.44
	13.0	11.8	40.7	10.63	39.9	10.06	39.2	9.49	38.8	9.26	38.0	9.02	37.2	8.55
	11.0	9.8	40.7	10.78	39.9	10.20	39.2	9.63	38.8	9.39	38.0	9.15	37.2	8.67
	9.0	7.9	40.7	10.93	39.9	10.35	39.2	9.76	38.8	9.52	38.0	9.27	37.2	8.79
	8.3	6.1	40.7	11.09	39.9	10.49	39.2	9.90	38.8	9.65	38.0	9.40	37.2	8.91
	5.0	4.1	40.7	11.26	39.9	10.66	39.2	10.06	38.8	9.81	38.0	9.55	37.2	9.05
	2.5	1.7	40.7	11.50	39.9	10.88	39.2	10.26	38.8	10.01	38.0	9.75	37.2	9.23
	0.0	-0.7	38.7	11.14	38.0	10.55	37.2	9.95	36.8	9.70	36.1	9.45	35.4	8.95
	-3.0	-3.7	36.1	10.69	35.4	10.12	34.7	9.55	34.4	9.30	33.7	9.06	33.0	8.58
	-5.0	-5.6	34.5	10.39	33.8	9.84	33.2	9.28	32.9	9.05	32.2	8.81	31.5	8.34
	-7.0	-7.6	32.8	10.08	32.2	9.54	31.5	9.00	31.2	8.77	30.6	8.55	30.0	8.09
	-10.0	-10.5	30.3	9.61	29.7	9.10	29.2	8.59	28.9	8.37	28.3	8.15	27.7	7.71
	-14.5	-15.0	26.5	8.86	26.0	8.39	25.5	7.92	25.2	7.71	24.7	7.51	24.2	7.10
	-19.5	-20.0	21.6	7.74	21.2	7.33	20.8	6.92	20.6	6.74	20.1	6.56	19.7	6.20
	-22.8	-23.0	18.4	6.93	18.1	6.56	17.7	6.19	17.5	6.03	17.2	5.87	16.8	5.54
	-24.8	-25.0	16.3	6.35	16.0	6.01	15.7	5.67	15.5	5.52	15.2	5.38	14.9	5.08
	-27.4	-28.0	13.1	5.41	12.9	5.13	12.6	4.84	12.5	4.71	12.2	4.58	12.0	4.33
	-29.9	-30.0	11.0	4.74	10.8	4.49	10.6	4.24	10.5	4.12	10.3	4.01	10.1	3.78

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP1921FT6P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	66.5	18.76	65.2	17.75	63.9	16.74	63.3	16.33	62.0	15.91	60.8	15.09
	13.0	11.8	66.5	19.00	65.2	17.98	63.9	16.96	63.3	16.54	62.0	16.12	60.8	15.28
	11.0	9.8	66.5	19.27	65.2	18.23	63.9	17.20	63.3	16.77	62.0	16.34	60.8	15.49
	9.0	7.9	66.5	19.54	65.2	18.49	63.9	17.44	63.3	17.01	62.0	16.57	60.8	15.70
	8.3	6.1	66.5	19.81	65.2	18.75	63.9	17.69	63.3	17.24	62.0	16.80	60.8	15.92
	5.0	4.1	66.5	20.13	65.2	19.05	63.9	17.97	63.3	17.52	62.0	17.07	60.8	16.17
	2.5	1.7	66.5	20.54	65.2	19.44	63.9	18.34	63.3	17.88	62.0	17.42	60.8	16.50
	0.0	-0.7	66.5	20.99	65.2	19.87	63.9	18.74	63.3	18.27	62.0	17.80	60.8	16.85
	-3.0	-3.7	66.5	21.60	65.2	20.45	63.9	19.30	63.3	18.81	62.0	18.32	60.8	17.34
	-5.0	-5.6	63.1	20.88	61.9	19.76	60.7	18.65	60.1	18.17	58.9	17.70	57.7	16.75
	-7.0	-7.6	59.1	19.96	58.0	18.89	56.9	17.83	56.3	17.37	55.2	16.92	54.1	16.01
	-10.0	-10.5	53.4	18.58	52.4	17.59	51.4	16.60	50.9	16.18	49.9	15.75	48.8	14.90
	-14.5	-15.0	44.5	16.33	43.7	15.46	42.8	14.59	42.4	14.22	41.6	13.84	40.7	13.09
	-19.5	-20.0	34.6	13.57	33.9	12.85	33.2	12.13	32.9	11.81	32.3	11.50	31.6	10.87
	-22.8	-23.0	27.0	11.09	26.5	10.50	26.0	9.92	25.7	9.66	25.2	9.40	24.7	8.88
	-24.8	-25.0	21.9	9.32	21.5	8.83	21.1	8.33	20.9	8.11	20.5	7.90	20.1	7.46
	-27.4	-28.0	14.4	6.45	14.1	6.11	13.8	5.77	13.7	5.61	13.4	5.46	13.1	5.16
	-29.9	-30.0	9.3	4.35	9.1	4.12	9.0	3.89	8.9	3.79	8.7	3.69	8.5	3.48
110	15.0	13.7	67.8	18.84	66.5	17.83	65.2	16.82	64.6	16.40	63.3	15.99	62.0	15.16
	13.0	11.8	67.8	19.09	66.5	18.06	65.2	17.04	64.6	16.62	63.3	16.19	62.0	15.35
	11.0	9.8	67.8	19.36	66.5	18.32	65.2	17.28	64.6	16.85	63.3	16.42	62.0	15.56
	9.0	7.9	67.8	19.63	66.5	18.58	65.2	17.52	64.6	17.09	63.3	16.65	62.0	15.78
	8.3	6.1	67.8	19.90	66.5	18.83	65.2	17.77	64.6	17.32	63.3	16.88	62.0	15.99
	5.0	4.1	67.8	20.22	66.5	19.14	65.2	18.06	64.6	17.60	63.3	17.15	62.0	16.25
	2.5	1.7	67.8	20.64	66.5	19.53	65.2	18.43	64.6	17.96	63.3	17.50	62.0	16.58
	0.0	-0.7	67.8	21.09	66.5	19.96	65.2	18.83	64.6	18.36	63.3	17.88	62.0	16.93
	-3.0	-3.7	67.8	21.70	66.5	20.55	65.2	19.39	64.6	18.89	63.3	18.40	62.0	17.42
	-5.0	-5.6	64.4	20.97	63.1	19.85	61.9	18.73	61.3	18.26	60.1	17.78	58.8	16.83
	-7.0	-7.6	60.3	20.05	59.2	18.98	58.0	17.91	57.5	17.45	56.3	17.00	55.2	16.09
	-10.0	-10.5	54.5	18.67	53.5	17.67	52.4	16.68	51.9	16.25	50.9	15.83	49.8	14.97
	-14.5	-15.0	45.4	16.41	44.6	15.54	43.7	14.66	43.3	14.28	42.4	13.91	41.5	13.15
	-19.5	-20.0	35.3	13.63	34.6	12.91	33.9	12.19	33.6	11.87	32.9	11.55	32.2	10.92
	-22.8	-23.0	27.5	11.14	27.0	10.55	26.5	9.96	26.2	9.70	25.7	9.44	25.2	8.92
	-24.8	-25.0	22.4	9.36	21.9	8.87	21.5	8.37	21.3	8.15	20.9	7.93	20.5	7.49
	-27.4	-28.0	14.6	6.48	14.4	6.14	14.1	5.79	13.9	5.64	13.7	5.49	13.4	5.18
	-29.9	-30.0	9.5	4.37	9.3	4.14	9.1	3.91	9.0	3.81	8.9	3.70	8.7	3.50
120	15.0	13.7	69.8	19.11	68.5	18.08	67.1	17.06	66.5	16.64	65.1	16.21	63.8	15.37
	13.0	11.8	69.8	19.36	68.5	18.32	67.1	17.28	66.5	16.85	65.1	16.42	63.8	15.57
	11.0	9.8	69.8	19.63	68.5	18.58	67.1	17.52	66.5	17.09	65.1	16.65	63.8	15.78
	9.0	7.9	69.8	19.91	68.5	18.84	67.1	17.77	66.5	17.33	65.1	16.89	63.8	16.00
	8.3	6.1	69.8	20.18	68.5	19.10	67.1	18.02	66.5	17.57	65.1	17.12	63.8	16.22
	5.0	4.1	69.8	20.51	68.5	19.41	67.1	18.31	66.5	17.85	65.1	17.39	63.8	16.48
	2.5	1.7	69.8	20.93	68.5	19.81	67.1	18.69	66.5	18.22	65.1	17.75	63.8	16.81
	0.0	-0.7	69.8	21.38	68.5	20.24	67.1	19.10	66.5	18.62	65.1	18.13	63.8	17.17
	-3.0	-3.7	69.8	22.01	68.5	20.84	67.1	19.66	66.5	19.16	65.1	18.66	63.8	17.67
	-5.0	-5.6	66.2	21.27	65.0	20.13	63.7	19.00	63.1	18.52	61.8	18.03	60.6	17.07
	-7.0	-7.6	62.1	20.33	60.9	19.25	59.7	18.16	59.1	17.70	58.0	17.24	56.8	16.31
	-10.0	-10.5	56.1	18.93	55.0	17.92	54.0	16.92	53.4	16.48	52.4	16.05	51.3	15.18
	-14.5	-15.0	46.8	16.64	45.9	15.75	45.0	14.87	44.5	14.49	43.6	14.10	42.8	13.34
	-19.5	-20.0	36.3	13.83	35.6	13.09	34.9	12.36	34.6	12.04	33.9	11.71	33.2	11.07
	-22.8	-23.0	28.3	11.30	27.8	10.70	27.3	10.10	27.0	9.84	26.4	9.57	25.9	9.04
	-24.8	-25.0	23.0	9.50	22.6	8.99	22.2	8.49	21.9	8.27	21.5	8.04	21.1	7.60
	-27.4	-28.0	15.1	6.57	14.8	6.22	14.5	5.88	14.4	5.72	14.1	5.56	13.8	5.25
	-29.9	-30.0	9.8	4.44	9.6	4.20	9.4	3.97	9.3	3.86	9.1	3.76	8.9	3.55
130	15.0	13.7	71.5	19.28	70.1	18.24	68.7	17.21	68.1	16.78	66.7	16.36	65.3	15.51
	13.0	11.8	71.5	19.53	70.1	18.48	68.7	17.43	68.1	17.00	66.7	16.57	65.3	15.70
	11.0	9.8	71.5	19.80	70.1	18.74	68.7	17.68	68.1	17.24	66.7	16.80	65.3	15.92
	9.0	7.9	71.5	20.08	70.1	19.01	68.7	17.93	68.1	17.48	66.7	17.04	65.3	16.14
	8.3	6.1	71.5	20.36	70.1	19.27	68.7	18.18	68.1	17.72	66.7	17.27	65.3	16.36
	5.0	4.1	71.5	20.69	70.1	19.58	68.7	18.47	68.1	18.01	66.7	17.55	65.3	16.62
	2.5	1.7	71.5	21.11	70.1	19.98	68.7	18.85	68.1	18.38	66.7	17.91	65.3	16.96
	0.0	-0.7	71.5	21.57	70.1	20.42	68.7	19.27	68.1	18.78	66.7	18.30	65.3	17.32
	-3.0	-3.7	71.5	22.21	70.1	21.02	68.7	19.83	68.1	19.33	66.7	18.83	65.3	17.83
	-5.0	-5.6	67.8	21.46	66.5	20.31	65.2	19.17	64.6	18.68	63.3	18.19	62.0	17.22
	-7.0	-7.6	63.6	20.51	62.4	19.42	61.2	18.32	60.6	17.86	59.3	17.39	58.1	16.46
	-10.0	-10.5	57.4	19.10	56.3	18.08	55.2	17.07	54.7	16.63	53.6	16.19	52.5	15.32
	-14.5	-15.0	47.9	16.79	47.0	15.89	46.1	15.00	45.6	14.61	44.7	14.23	43.8	13.45
	-19.5	-20.0	37.2	13.95	36.4	13.21	35.7	12.47	35.4	12.14	34.7	11.82	34.0	11.17
	-22.8	-23.0	29.0	11.40	28.5	10.80	27.9	10.19	27.6	9.92	27.1	9.66	26.5	9.12
	-24.8	-25.0	23.6	9.58	23.1	9.07	22.7	8.57	22.5	8.34	22.0	8.12	21.6	7.66
	-27.4	-28.0	15.4	6.63	15.1	6.28	14.8	5.93	14.7	5.77	14.4	5.61	14.1	5.30
	-29.9	-30.0	10.0	4.48	9.8	4.24	9.6	4.00	9.5	3.90	9.3	3.79	9.1	3.58

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	59.8	16.70	58.7	15.80	57.5	14.91	57.0	14.54	55.8	14.17	54.7	13.43
	13.0	11.8	59.8	16.91	58.7	16.01	57.5	15.10	57.0	14.72	55.8	14.35	54.7	13.60
	11.0	9.8	59.8	17.15	58.7	16.23	57.5	15.31	57.0	14.93	55.8	14.55	54.7	13.79
	9.0	7.9	59.8	17.39	58.7	16.46	57.5	15.53	57.0	15.14	55.8	14.76	54.7	13.98
	8.3	6.1	59.8	17.64	58.7	16.69	57.5	15.75	57.0	15.35	55.8	14.96	54.7	14.17
	5.0	4.1	59.8	17.92	58.7	16.96	57.5	16.00	57.0	15.60	55.8	15.20	54.7	14.40
	2.5	1.7	59.8	18.29	58.7	17.31	57.5	16.33	57.0	15.92	55.8	15.51	54.7	14.69
	0.0	-0.7	59.8	18.69	58.7	17.69	57.5	16.69	57.0	16.27	55.8	15.85	54.7	15.01
	-3.0	-3.7	59.8	19.24	58.7	18.21	57.5	17.18	57.0	16.75	55.8	16.31	54.7	15.44
	-5.0	-5.6	56.8	18.59	55.7	17.59	54.6	16.60	54.1	16.18	53.0	15.76	51.9	14.92
	-7.0	-7.6	53.2	17.77	52.2	16.82	51.2	15.87	50.7	15.47	49.7	15.06	48.7	14.26
	-10.0	-10.5	48.1	16.54	47.2	15.66	46.2	14.78	45.8	14.40	44.9	14.03	44.0	13.27
	-14.5	-15.0	40.1	14.54	39.3	13.77	38.6	12.99	38.2	12.66	37.4	12.32	36.6	11.65
	-19.5	-20.0	31.1	12.08	30.5	11.44	29.9	10.80	29.6	10.52	29.0	10.24	28.4	9.67
	-22.8	-23.0	24.3	9.87	23.8	9.35	23.4	8.83	23.1	8.60	22.7	8.37	22.2	7.90
	-24.8	-25.0	19.7	8.30	19.4	7.86	19.0	7.42	18.8	7.22	18.4	7.03	18.0	6.64
	-27.4	-28.0	12.9	5.74	12.7	5.44	12.4	5.13	12.3	5.00	12.1	4.86	11.8	4.59
	-29.9	-30.0	8.4	3.88	8.2	3.67	8.1	3.47	8.0	3.38	7.8	3.28	7.7	3.10
80	15.0	13.7	53.2	14.69	52.2	13.90	51.2	13.11	50.6	12.79	49.6	12.46	48.6	11.81
	13.0	11.8	53.2	14.88	52.2	14.08	51.2	13.28	50.6	12.95	49.6	12.62	48.6	11.96
	11.0	9.8	53.2	15.09	52.2	14.28	51.2	13.47	50.6	13.13	49.6	12.80	48.6	12.13
	9.0	7.9	53.2	15.30	52.2	14.48	51.2	13.66	50.6	13.32	49.6	12.98	48.6	12.30
	8.3	6.1	53.2	15.51	52.2	14.68	51.2	13.85	50.6	13.50	49.6	13.16	48.6	12.47
	5.0	4.1	53.2	15.76	52.2	14.92	51.2	14.07	50.6	13.72	49.6	13.37	48.6	12.66
	2.5	1.7	53.2	16.08	52.2	15.22	51.2	14.36	50.6	14.00	49.6	13.64	48.6	12.92
	0.0	-0.7	53.2	16.43	52.2	15.56	51.2	14.68	50.6	14.31	49.6	13.94	48.6	13.20
	-3.0	-3.7	53.2	16.92	52.2	16.01	51.2	15.11	50.6	14.73	49.6	14.34	48.6	13.58
	-5.0	-5.6	50.5	16.35	49.5	15.47	48.6	14.60	48.1	14.23	47.1	13.86	46.1	13.12
	-7.0	-7.6	47.3	15.63	46.4	14.79	45.5	13.96	45.1	13.60	44.2	13.25	43.3	12.54
	-10.0	-10.5	42.7	14.55	41.9	13.78	41.1	13.00	40.7	12.67	39.9	12.33	39.1	11.67
	-14.5	-15.0	35.6	12.79	34.9	12.11	34.3	11.43	33.9	11.13	33.3	10.84	32.6	10.25
	-19.5	-20.0	27.7	10.63	27.1	10.06	26.6	9.50	26.3	9.25	25.8	9.00	25.3	8.51
	-22.8	-23.0	21.6	8.68	21.2	8.22	20.8	7.76	20.6	7.56	20.2	7.36	19.7	6.95
	-24.8	-25.0	17.5	7.30	17.2	6.91	16.9	6.53	16.7	6.35	16.4	6.18	16.0	5.84
	-27.4	-28.0	11.5	5.05	11.3	4.78	11.0	4.52	10.9	4.40	10.7	4.28	10.5	4.04
	-29.9	-30.0	7.4	3.41	7.3	3.23	7.2	3.05	7.1	2.97	6.9	2.89	6.8	2.73
70	15.0	13.7	46.5	12.72	45.6	12.03	44.8	11.35	44.3	11.07	43.4	10.79	42.5	10.23
	13.0	11.8	46.5	12.88	45.6	12.19	44.8	11.50	44.3	11.21	43.4	10.93	42.5	10.36
	11.0	9.8	46.5	13.06	45.6	12.36	44.8	11.66	44.3	11.37	43.4	11.08	42.5	10.50
	9.0	7.9	46.5	13.24	45.6	12.53	44.8	11.82	44.3	11.53	43.4	11.24	42.5	10.65
	8.3	6.1	46.5	13.43	45.6	12.71	44.8	11.99	44.3	11.69	43.4	11.39	42.5	10.79
	5.0	4.1	46.5	13.65	45.6	12.91	44.8	12.18	44.3	11.88	43.4	11.57	42.5	10.96
	2.5	1.7	46.5	13.93	45.6	13.18	44.8	12.43	44.3	12.12	43.4	11.81	42.5	11.19
	0.0	-0.7	46.5	14.23	45.6	13.47	44.8	12.71	44.3	12.39	43.4	12.07	42.5	11.43
	-3.0	-3.7	46.5	14.65	45.6	13.86	44.8	13.08	44.3	12.75	43.4	12.42	42.5	11.76
	-5.0	-5.6	44.2	14.15	43.3	13.40	42.5	12.64	42.1	12.32	41.2	12.00	40.4	11.36
	-7.0	-7.6	41.4	13.53	40.6	12.81	39.8	12.09	39.4	11.78	38.6	11.47	37.9	10.85
	-10.0	-10.5	37.4	12.60	36.7	11.93	36.0	11.26	35.6	10.97	34.9	10.68	34.2	10.10
	-14.5	-15.0	31.2	11.07	30.6	10.48	30.0	9.89	29.7	9.64	29.1	9.38	28.5	8.87
	-19.5	-20.0	24.2	9.20	23.7	8.71	23.3	8.22	23.0	8.01	22.6	7.79	22.1	7.37
	-22.8	-23.0	18.9	7.52	18.5	7.12	18.2	6.72	18.0	6.55	17.6	6.37	17.3	6.02
	-24.8	-25.0	15.4	6.32	15.1	5.98	14.8	5.65	14.6	5.50	14.3	5.35	14.0	5.06
	-27.4	-28.0	10.1	4.37	9.9	4.14	9.7	3.91	9.6	3.81	9.4	3.70	9.2	3.49
	-29.9	-30.0	6.5	2.95	6.4	2.80	6.3	2.64	6.2	2.57	6.1	2.50	6.0	2.36

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP1921FT6P-UL/MMY-UP1921FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	66.5	15.86	65.2	15.01	63.9	14.16	63.3	13.81	62.0	13.46	60.8	12.76
	13.0	11.8	66.5	16.06	65.2	15.20	63.9	14.34	63.3	13.98	62.0	13.63	60.8	12.92
	11.0	9.8	66.5	16.29	65.2	15.42	63.9	14.54	63.3	14.18	62.0	13.82	60.8	13.10
	9.0	7.9	66.5	16.52	65.2	15.63	63.9	14.75	63.3	14.38	62.0	14.01	60.8	13.28
	8.3	6.1	66.5	16.75	65.2	15.85	63.9	14.95	63.3	14.58	62.0	14.21	60.8	13.46
	5.0	4.1	66.5	17.02	65.2	16.11	63.9	15.20	63.3	14.82	62.0	14.44	60.8	13.67
	2.5	1.7	66.5	17.37	65.2	16.44	63.9	15.51	63.3	15.12	62.0	14.73	60.8	13.95
	0.0	-0.7	66.5	17.75	65.2	16.80	63.9	15.85	63.3	15.45	62.0	15.05	60.8	14.25
	-3.0	-3.7	66.5	18.27	65.2	17.29	63.9	16.32	63.3	15.90	62.0	15.49	60.8	14.66
	-5.0	-5.6	64.5	18.07	63.3	17.10	62.1	16.14	61.5	15.73	60.2	15.32	59.0	14.50
	-7.0	-7.6	62.3	17.79	61.1	16.84	59.9	15.89	59.3	15.49	58.1	15.08	56.9	14.27
	-10.0	-10.5	59.0	17.39	57.8	16.47	56.7	15.54	56.1	15.14	55.0	14.75	53.9	13.95
	-14.5	-15.0	53.8	16.79	52.8	15.90	51.8	15.00	51.3	14.62	50.3	14.23	49.2	13.46
	-19.5	-20.0	47.9	16.03	46.9	15.18	46.0	14.33	45.6	13.96	44.7	13.59	43.8	12.84
	-22.8	-23.0	41.1	14.43	40.3	13.66	39.5	12.90	39.1	12.56	38.3	12.22	37.6	11.55
	-24.8	-25.0	36.6	13.29	35.9	12.58	35.2	11.88	34.8	11.57	34.1	11.26	33.4	10.63
	-27.4	-28.0	29.8	11.46	29.2	10.85	28.6	10.25	28.4	9.98	27.8	9.70	27.2	9.16
	-29.9	-30.0	25.3	10.14	24.8	9.60	24.3	9.07	24.1	8.83	23.6	8.58	23.1	8.10
110	15.0	13.7	67.8	15.93	66.5	15.08	65.2	14.22	64.6	13.87	63.3	13.52	62.0	12.82
	13.0	11.8	67.8	16.14	66.5	15.27	65.2	14.41	64.6	14.05	63.3	13.69	62.0	12.98
	11.0	9.8	67.8	16.37	66.5	15.49	65.2	14.61	64.6	14.25	63.3	13.88	62.0	13.16
	9.0	7.9	67.8	16.60	66.5	15.71	65.2	14.82	64.6	14.45	63.3	14.08	62.0	13.34
	8.3	6.1	67.8	16.83	66.5	15.92	65.2	15.02	64.6	14.65	63.3	14.27	62.0	13.52
	5.0	4.1	67.8	17.10	66.5	16.18	65.2	15.27	64.6	14.88	63.3	14.50	62.0	13.74
	2.5	1.7	67.8	17.45	66.5	16.52	65.2	15.58	64.6	15.19	63.3	14.80	62.0	14.02
	0.0	-0.7	67.8	17.83	66.5	16.88	65.2	15.92	64.6	15.52	63.3	15.12	62.0	14.32
	-3.0	-3.7	67.8	18.35	66.5	17.37	65.2	16.39	64.6	15.98	63.3	15.56	62.0	14.73
	-5.0	-5.6	65.8	18.15	64.6	17.18	63.3	16.21	62.7	15.80	61.4	15.39	60.2	14.57
	-7.0	-7.6	63.5	17.87	62.3	16.92	61.1	15.97	60.5	15.56	59.3	15.15	58.1	14.34
	-10.0	-10.5	60.1	17.48	59.0	16.54	57.8	15.61	57.3	15.21	56.1	14.81	55.0	14.02
	-14.5	-15.0	54.9	16.87	53.9	15.97	52.8	15.07	52.3	14.69	51.3	14.30	50.2	13.52
	-19.5	-20.0	48.8	16.11	47.9	15.25	47.0	14.40	46.5	14.02	45.6	13.65	44.6	12.90
	-22.8	-23.0	41.9	14.49	41.1	13.73	40.3	12.96	39.9	12.62	39.1	12.28	38.3	11.60
	-24.8	-25.0	37.3	13.35	36.6	12.64	35.9	11.94	35.5	11.62	34.8	11.31	34.1	10.68
	-27.4	-28.0	30.4	11.51	29.8	10.90	29.2	10.30	28.9	10.02	28.3	9.75	27.8	9.20
	-29.9	-30.0	25.8	10.19	25.3	9.65	24.8	9.11	24.5	8.87	24.0	8.62	23.6	8.14
120	15.0	13.7	69.8	16.16	68.5	15.29	67.1	14.42	66.5	14.07	65.1	13.71	63.8	13.00
	13.0	11.8	69.8	16.37	68.5	15.49	67.1	14.61	66.5	14.25	65.1	13.89	63.8	13.16
	11.0	9.8	69.8	16.60	68.5	15.71	67.1	14.82	66.5	14.45	65.1	14.08	63.8	13.34
	9.0	7.9	69.8	16.83	68.5	15.93	67.1	15.03	66.5	14.65	65.1	14.28	63.8	13.53
	8.3	6.1	69.8	17.06	68.5	16.15	67.1	15.24	66.5	14.86	65.1	14.48	63.8	13.71
	5.0	4.1	69.8	17.34	68.5	16.41	67.1	15.48	66.5	15.10	65.1	14.71	63.8	13.93
	2.5	1.7	69.8	17.70	68.5	16.75	67.1	15.80	66.5	15.40	65.1	15.01	63.8	14.21
	0.0	-0.7	69.8	18.08	68.5	17.11	67.1	16.15	66.5	15.74	65.1	15.33	63.8	14.52
	-3.0	-3.7	69.8	18.61	68.5	17.62	67.1	16.62	66.5	16.20	65.1	15.78	63.8	14.94
	-5.0	-5.6	67.8	18.41	66.5	17.42	65.2	16.44	64.5	16.02	63.2	15.61	61.9	14.77
	-7.0	-7.6	65.4	18.13	64.1	17.16	62.9	16.19	62.3	15.78	61.0	15.37	59.8	14.54
	-10.0	-10.5	61.9	17.72	60.7	16.78	59.5	15.83	59.0	15.43	57.8	15.02	56.6	14.21
	-14.5	-15.0	56.5	17.11	55.5	16.20	54.4	15.29	53.8	14.89	52.8	14.50	51.7	13.71
	-19.5	-20.0	50.3	16.34	49.3	15.47	48.3	14.60	47.9	14.22	46.9	13.84	45.9	13.08
	-22.8	-23.0	43.1	14.70	42.3	13.92	41.5	13.14	41.1	12.80	40.3	12.45	39.4	11.76
	-24.8	-25.0	38.4	13.54	37.7	12.82	36.9	12.11	36.6	11.79	35.8	11.47	35.1	10.83
	-27.4	-28.0	31.3	11.67	30.7	11.06	30.1	10.44	29.8	10.16	29.2	9.89	28.6	9.33
	-29.9	-30.0	26.5	10.33	26.0	9.78	25.5	9.24	25.3	8.99	24.8	8.75	24.2	8.25
130	15.0	13.7	71.5	16.30	70.1	15.43	68.7	14.55	68.1	14.19	66.7	13.83	65.3	13.11
	13.0	11.8	71.5	16.51	70.1	15.63	68.7	14.74	68.1	14.37	66.7	14.01	65.3	13.28
	11.0	9.8	71.5	16.75	70.1	15.85	68.7	14.95	68.1	14.58	66.7	14.21	65.3	13.46
	9.0	7.9	71.5	16.98	70.1	16.07	68.7	15.16	68.1	14.78	66.7	14.40	65.3	13.65
	8.3	6.1	71.5	17.22	70.1	16.29	68.7	15.37	68.1	14.99	66.7	14.60	65.3	13.84
	5.0	4.1	71.5	17.49	70.1	16.56	68.7	15.62	68.1	15.23	66.7	14.84	65.3	14.06
	2.5	1.7	71.5	17.85	70.1	16.90	68.7	15.94	68.1	15.54	66.7	15.14	65.3	14.34
	0.0	-0.7	71.5	18.24	70.1	17.27	68.7	16.29	68.1	15.88	66.7	15.47	65.3	14.65
	-3.0	-3.7	71.5	18.78	70.1	17.77	68.7	16.77	68.1	16.35	66.7	15.92	65.3	15.07
	-5.0	-5.6	69.4	18.57	68.0	17.58	66.7	16.59	66.1	16.17	64.7	15.74	63.4	14.90
	-7.0	-7.6	66.9	18.29	65.6	17.31	64.4	16.34	63.7	15.92	62.5	15.50	61.2	14.67
	-10.0	-10.5	63.4	17.88	62.2	16.93	61.0	15.97	60.4	15.57	59.2	15.16	57.9	14.34
	-14.5	-15.0	57.9	17.26	56.8	16.34	55.7	15.42	55.1	15.03	54.0	14.63	52.9	13.83
	-19.5	-20.0	51.4	16.48	50.5	15.61	49.5	14.73	49.0	14.35	48.0	13.96	47.0	13.20
	-22.8	-23.0	44.2	14.83	43.3	14.04	42.5	13.26	42.1	12.91	41.2	12.56	40.4	11.87
	-24.8	-25.0	39.3	13.66	38.6	12.94	37.8	12.21	37.4	11.89	36.7	11.57	35.9	10.93
	-27.4	-28.0	32.0	11.78	31.4	11.16	30.8	10.53	30.5	10.25	29.9	9.98	29.3	9.42
	-29.9	-30.0	27.2	10.42	26.6	9.87	26.1	9.32	25.9	9.07	25.3	8.82	24.8	8.33

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	59.8	14.12	58.7	13.36	57.5	12.60	57.0	12.29	55.8	11.98	54.7	11.36
	13.0	11.8	59.8	14.30	58.7	13.53	57.5	12.77	57.0	12.45	55.8	12.13	54.7	11.50
	11.0	9.8	59.8	14.50	58.7	13.73	57.5	12.95	57.0	12.63	55.8	12.30	54.7	11.66
	9.0	7.9	59.8	14.71	58.7	13.92	57.5	13.13	57.0	12.80	55.8	12.48	54.7	11.82
	8.3	6.1	59.8	14.91	58.7	14.11	57.5	13.31	57.0	12.98	55.8	12.65	54.7	11.98
	5.0	4.1	59.8	15.15	58.7	14.34	57.5	13.53	57.0	13.19	55.8	12.85	54.7	12.18
	2.5	1.7	59.8	15.46	58.7	14.64	57.5	13.81	57.0	13.46	55.8	13.11	54.7	12.42
	0.0	-0.7	59.8	15.80	58.7	14.96	57.5	14.11	57.0	13.76	55.8	13.40	54.7	12.69
	-3.0	-3.7	59.8	16.26	58.7	15.40	57.5	14.53	57.0	14.16	55.8	13.79	54.7	13.06
	-5.0	-5.6	58.1	16.08	57.0	15.23	55.9	14.37	55.3	14.00	54.2	13.64	53.1	12.91
	-7.0	-7.6	56.0	15.84	55.0	14.99	53.9	14.15	53.4	13.79	52.3	13.43	51.2	12.71
	-10.0	-10.5	53.1	15.49	52.1	14.66	51.0	13.84	50.5	13.48	49.5	13.13	48.5	12.42
	-14.5	-15.0	48.5	14.95	47.5	14.15	46.6	13.36	46.2	13.01	45.2	12.67	44.3	11.98
	-19.5	-20.0	43.1	14.28	42.3	13.52	41.4	12.76	41.0	12.43	40.2	12.10	39.4	11.43
	-22.8	-23.0	37.0	12.84	36.3	12.16	35.6	11.48	35.2	11.18	34.5	10.88	33.8	10.28
	-24.8	-25.0	32.9	11.83	32.3	11.20	31.6	10.58	31.3	10.30	30.7	10.02	30.1	9.46
	-27.4	-28.0	26.8	10.20	26.3	9.66	25.8	9.12	25.5	8.88	25.0	8.64	24.5	8.16
	-29.9	-30.0	22.7	9.03	22.3	8.55	21.9	8.07	21.7	7.86	21.2	7.64	20.8	7.21
80	15.0	13.7	53.2	12.42	52.2	11.75	51.2	11.08	50.6	10.81	49.6	10.54	48.6	9.99
	13.0	11.8	53.2	12.58	52.2	11.90	51.2	11.23	50.6	10.95	49.6	10.67	48.6	10.11
	11.0	9.8	53.2	12.76	52.2	12.07	51.2	11.39	50.6	11.10	49.6	10.82	48.6	10.26
	9.0	7.9	53.2	12.94	52.2	12.24	51.2	11.55	50.6	11.26	49.6	10.97	48.6	10.40
	8.3	6.1	53.2	13.11	52.2	12.41	51.2	11.71	50.6	11.42	49.6	11.12	48.6	10.54
	5.0	4.1	53.2	13.33	52.2	12.61	51.2	11.90	50.6	11.60	49.6	11.30	48.6	10.71
	2.5	1.7	53.2	13.60	52.2	12.87	51.2	12.14	50.6	11.84	49.6	11.53	48.6	10.92
	0.0	-0.7	53.2	13.90	52.2	13.15	51.2	12.41	50.6	12.10	49.6	11.78	48.6	11.16
	-3.0	-3.7	53.2	14.30	52.2	13.54	51.2	12.78	50.6	12.45	49.6	12.13	48.6	11.48
	-5.0	-5.6	51.6	14.15	50.6	13.39	49.7	12.64	49.2	12.31	48.2	11.99	47.2	11.35
	-7.0	-7.6	49.8	13.93	48.9	13.19	47.9	12.44	47.4	12.13	46.5	11.81	45.5	11.18
	-10.0	-10.5	47.2	13.62	46.3	12.89	45.4	12.17	44.9	11.86	44.0	11.55	43.1	10.92
	-14.5	-15.0	43.1	13.15	42.3	12.45	41.4	11.75	41.0	11.45	40.2	11.14	39.4	10.54
	-19.5	-20.0	38.3	12.55	37.6	11.89	36.8	11.22	36.5	10.93	35.7	10.64	35.0	10.05
	-22.8	-23.0	32.9	11.30	32.2	10.70	31.6	10.10	31.3	9.83	30.7	9.57	30.0	9.04
	-24.8	-25.0	29.2	10.40	28.7	9.85	28.1	9.30	27.9	9.06	27.3	8.81	26.7	8.32
	-27.4	-28.0	23.8	8.97	23.4	8.50	22.9	8.02	22.7	7.81	22.2	7.60	21.8	7.17
	-29.9	-30.0	20.2	7.94	19.8	7.52	19.4	7.10	19.2	6.91	18.9	6.72	18.5	6.34
70	15.0	13.7	46.5	10.75	45.6	10.17	44.8	9.60	44.3	9.36	43.4	9.12	42.5	8.65
	13.0	11.8	46.5	10.89	45.6	10.31	44.8	9.72	44.3	9.48	43.4	9.24	42.5	8.76
	11.0	9.8	46.5	11.04	45.6	10.45	44.8	9.86	44.3	9.61	43.4	9.37	42.5	8.88
	9.0	7.9	46.5	11.20	45.6	10.60	44.8	10.00	44.3	9.75	43.4	9.50	42.5	9.00
	8.3	6.1	46.5	11.35	45.6	10.75	44.8	10.14	44.3	9.88	43.4	9.63	42.5	9.13
	5.0	4.1	46.5	11.54	45.6	10.92	44.8	10.30	44.3	10.04	43.4	9.79	42.5	9.27
	2.5	1.7	46.5	11.77	45.6	11.14	44.8	10.51	44.3	10.25	43.4	9.99	42.5	9.46
	0.0	-0.7	46.5	12.03	45.6	11.39	44.8	10.74	44.3	10.47	43.4	10.20	42.5	9.66
	-3.0	-3.7	46.5	12.38	45.6	11.72	44.8	11.06	44.3	10.78	43.4	10.50	42.5	9.94
	-5.0	-5.6	45.2	12.25	44.3	11.59	43.4	10.94	43.0	10.66	42.2	10.38	41.3	9.83
	-7.0	-7.6	43.6	12.06	42.7	11.42	41.9	10.77	41.5	10.50	40.7	10.23	39.8	9.68
	-10.0	-10.5	41.3	11.79	40.5	11.16	39.7	10.54	39.3	10.27	38.5	10.00	37.7	9.46
	-14.5	-15.0	37.7	11.38	37.0	10.78	36.3	10.17	35.9	9.91	35.2	9.65	34.5	9.12
	-19.5	-20.0	33.5	10.87	32.9	10.29	32.2	9.72	31.9	9.46	31.3	9.21	30.6	8.70
	-22.8	-23.0	28.8	9.78	28.2	9.26	27.7	8.74	27.4	8.51	26.8	8.29	26.3	7.83
	-24.8	-25.0	25.6	9.01	25.1	8.53	24.6	8.05	24.4	7.84	23.9	7.63	23.4	7.21
	-27.4	-28.0	20.8	7.77	20.4	7.36	20.1	6.95	19.9	6.76	19.5	6.58	19.1	6.21
	-29.9	-30.0	17.7	6.87	17.3	6.51	17.0	6.15	16.8	5.98	16.5	5.82	16.2	5.49

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2161FT6P-UL/MMY-UP2161FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	74.8	18.53	73.4	17.54	71.9	16.54	71.2	16.13	69.8	15.72	68.4	14.91
	13.0	11.8	74.8	18.77	73.4	17.76	71.9	16.76	71.2	16.34	69.8	15.92	68.4	15.09
	11.0	9.8	74.8	19.04	73.4	18.01	71.9	16.99	71.2	16.57	69.8	16.15	68.4	15.30
	9.0	7.9	74.8	19.30	73.4	18.27	71.9	17.23	71.2	16.80	69.8	16.37	68.4	15.52
	8.3	6.1	74.8	19.57	73.4	18.52	71.9	17.47	71.2	17.04	69.8	16.60	68.4	15.73
	5.0	4.1	74.8	19.89	73.4	18.82	71.9	17.76	71.2	17.31	69.8	16.87	68.4	15.98
	2.5	1.7	74.8	20.29	73.4	19.21	71.9	18.12	71.2	17.67	69.8	17.21	68.4	16.30
	0.0	-0.7	74.8	20.74	73.4	19.63	71.9	18.52	71.2	18.05	69.8	17.59	68.4	16.65
	-3.0	-3.7	74.8	21.34	73.4	20.20	71.9	19.06	71.2	18.58	69.8	18.10	68.4	17.13
	-5.0	-5.6	71.9	20.90	70.5	19.79	69.2	18.67	68.5	18.20	67.1	17.72	65.7	16.77
	-7.0	-7.6	68.5	20.33	67.2	19.24	65.9	18.16	65.3	17.70	64.0	17.23	62.7	16.31
	-10.0	-10.5	63.7	19.48	62.4	18.44	61.2	17.41	60.6	16.96	59.4	16.51	58.2	15.62
	-14.5	-15.0	56.1	18.12	55.0	17.16	53.9	16.19	53.4	15.78	52.3	15.36	51.3	14.52
	-19.5	-20.0	46.4	16.06	45.5	15.21	44.6	14.35	44.2	13.98	43.3	13.61	42.4	12.86
	-22.8	-23.0	38.7	14.06	38.0	13.31	37.3	12.57	36.9	12.24	36.2	11.91	35.4	11.25
	-24.8	-25.0	33.7	12.64	33.0	11.97	32.4	11.30	32.0	11.00	31.4	10.70	30.8	10.11
	-27.4	-28.0	26.0	10.34	25.5	9.79	25.0	9.25	24.8	9.00	24.3	8.76	23.8	8.27
	-29.9	-30.0	20.9	8.68	20.5	8.22	20.1	7.76	19.9	7.55	19.5	7.35	19.1	6.93
110	15.0	13.7	76.3	18.62	74.8	17.62	73.4	16.62	72.6	16.21	71.2	15.80	69.7	14.97
	13.0	11.8	76.3	18.86	74.8	17.85	73.4	16.83	72.6	16.42	71.2	16.00	69.7	15.16
	11.0	9.8	76.3	19.12	74.8	18.10	73.4	17.07	72.6	16.65	71.2	16.22	69.7	15.38
	9.0	7.9	76.3	19.39	74.8	18.35	73.4	17.31	72.6	16.88	71.2	16.45	69.7	15.59
	8.3	6.1	76.3	19.66	74.8	18.61	73.4	17.55	72.6	17.12	71.2	16.68	69.7	15.80
	5.0	4.1	76.3	19.98	74.8	18.91	73.4	17.84	72.6	17.39	71.2	16.95	69.7	16.05
	2.5	1.7	76.3	20.39	74.8	19.30	73.4	18.21	72.6	17.75	71.2	17.29	69.7	16.38
	0.0	-0.7	76.3	20.83	74.8	19.72	73.4	18.60	72.6	18.14	71.2	17.67	69.7	16.73
	-3.0	-3.7	76.3	21.44	74.8	20.30	73.4	19.15	72.6	18.67	71.2	18.18	69.7	17.21
	-5.0	-5.6	73.3	21.00	71.9	19.88	70.5	18.76	69.8	18.28	68.4	17.80	67.1	16.85
	-7.0	-7.6	69.9	20.42	68.6	19.33	67.2	18.24	66.6	17.78	65.2	17.31	63.9	16.39
	-10.0	-10.5	64.9	19.57	63.7	18.53	62.5	17.49	61.8	17.04	60.6	16.59	59.4	15.70
	-14.5	-15.0	57.2	18.21	56.1	17.24	55.0	16.27	54.5	15.85	53.4	15.43	52.3	14.59
	-19.5	-20.0	47.3	16.13	46.4	15.28	45.5	14.42	45.0	14.05	44.1	13.67	43.2	12.92
	-22.8	-23.0	39.5	14.12	38.8	13.38	38.0	12.63	37.6	12.30	36.9	11.97	36.1	11.30
	-24.8	-25.0	34.3	12.70	33.7	12.02	33.0	11.35	32.7	11.05	32.0	10.75	31.4	10.16
	-27.4	-28.0	26.5	10.39	26.0	9.84	25.5	9.29	25.3	9.04	24.8	8.80	24.3	8.31
	-29.9	-30.0	21.4	8.72	21.0	8.26	20.5	7.80	20.3	7.59	19.9	7.38	19.5	6.97
120	15.0	13.7	78.5	18.88	77.0	17.87	75.5	16.85	74.8	16.44	73.3	16.02	71.8	15.19
	13.0	11.8	78.5	19.12	77.0	18.10	75.5	17.07	74.8	16.65	73.3	16.23	71.8	15.38
	11.0	9.8	78.5	19.39	77.0	18.35	75.5	17.31	74.8	16.88	73.3	16.45	71.8	15.59
	9.0	7.9	78.5	19.67	77.0	18.61	75.5	17.56	74.8	17.12	73.3	16.68	71.8	15.81
	8.3	6.1	78.5	19.94	77.0	18.87	75.5	17.80	74.8	17.36	73.3	16.91	71.8	16.02
	5.0	4.1	78.5	20.26	77.0	19.18	75.5	18.09	74.8	17.64	73.3	17.19	71.8	16.28
	2.5	1.7	78.5	20.68	77.0	19.57	75.5	18.46	74.8	18.00	73.3	17.54	71.8	16.61
	0.0	-0.7	78.5	21.13	77.0	20.00	75.5	18.87	74.8	18.39	73.3	17.92	71.8	16.97
	-3.0	-3.7	78.5	21.75	77.0	20.59	75.5	19.42	74.8	18.93	73.3	18.44	71.8	17.46
	-5.0	-5.6	75.5	21.30	74.1	20.16	72.6	19.02	71.9	18.54	70.5	18.06	69.0	17.09
	-7.0	-7.6	72.0	20.71	70.8	19.61	69.2	18.50	68.5	18.03	67.2	17.56	65.8	16.62
	-10.0	-10.5	66.8	19.85	65.6	18.79	64.3	17.73	63.7	17.28	62.4	16.83	61.1	15.92
	-14.5	-15.0	58.9	18.46	57.8	17.48	56.6	16.50	56.1	16.07	55.0	15.65	53.8	14.80
	-19.5	-20.0	48.7	16.36	47.8	15.49	46.8	14.63	46.4	14.24	45.4	13.86	44.5	13.10
	-22.8	-23.0	40.7	14.32	39.9	13.56	39.1	12.81	38.7	12.47	38.0	12.13	37.2	11.46
	-24.8	-25.0	35.3	12.88	34.7	12.19	34.0	11.51	33.7	11.21	33.0	10.91	32.3	10.30
	-27.4	-28.0	27.3	10.54	26.8	9.98	26.3	9.42	26.0	9.17	25.5	8.92	25.0	8.42
	-29.9	-30.0	22.0	8.84	21.6	8.37	21.1	7.91	20.9	7.70	20.5	7.48	20.1	7.06
130	15.0	13.7	80.4	19.05	78.9	18.03	77.3	17.00	76.6	16.58	75.0	16.16	73.5	15.32
	13.0	11.8	80.4	19.29	78.9	18.26	77.3	17.22	76.6	16.80	75.0	16.37	73.5	15.51
	11.0	9.8	80.4	19.57	78.9	18.52	77.3	17.47	76.6	17.03	75.0	16.60	73.5	15.73
	9.0	7.9	80.4	19.84	78.9	18.78	77.3	17.71	76.6	17.27	75.0	16.83	73.5	15.95
	8.3	6.1	80.4	20.12	78.9	19.04	77.3	17.96	76.6	17.51	75.0	17.06	73.5	16.17
	5.0	4.1	80.4	20.44	78.9	19.35	77.3	18.25	76.6	17.79	75.0	17.34	73.5	16.42
	2.5	1.7	80.4	20.86	78.9	19.74	77.3	18.63	76.6	18.16	75.0	17.69	73.5	16.76
	0.0	-0.7	80.4	21.31	78.9	20.17	77.3	19.04	76.6	18.56	75.0	18.08	73.5	17.12
	-3.0	-3.7	80.4	21.94	78.9	20.77	77.3	19.60	76.6	19.10	75.0	18.60	73.5	17.61
	-5.0	-5.6	77.3	21.48	75.8	20.34	74.3	19.19	73.6	18.70	72.1	18.22	70.7	17.24
	-7.0	-7.6	73.7	20.90	72.3	19.78	70.9	18.67	70.2	18.19	68.8	17.72	67.4	16.76
	-10.0	-10.5	68.4	20.02	67.1	18.96	65.8	17.89	65.2	17.43	63.9	16.97	62.6	16.06
	-14.5	-15.0	60.3	18.63	59.1	17.64	58.0	16.65	57.4	16.22	56.3	15.79	55.1	14.93
	-19.5	-20.0	49.8	16.51	48.9	15.63	47.9	14.75	47.5	14.37	46.5	13.99	45.6	13.22
	-22.8	-23.0	41.6	14.45	40.8	13.68	40.1	12.92	39.7	12.58	38.9	12.24	38.1	11.56
	-24.8	-25.0	36.2	12.99	35.5	12.30	34.8	11.61	34.5	11.31	33.8	11.00	33.1	10.39
	-27.4	-28.0	28.0	10.63	27.4	10.07	26.9	9.51	26.6	9.25	26.1	9.00	25.6	8.50
	-29.9	-30.0	22.5	8.92	22.1	8.45	21.7	7.98	21.4	7.76	21.0	7.55	20.6	7.13

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	67.3	16.50	66.0	15.61	64.7	14.73	64.1	14.36	62.8	14.00	61.5	13.27
	13.0	11.8	67.3	16.71	66.0	15.81	64.7	14.92	64.1	14.55	62.8	14.18	61.5	13.44
	11.0	9.8	67.3	16.95	66.0	16.04	64.7	15.13	64.1	14.75	62.8	14.38	61.5	13.63
	9.0	7.9	67.3	17.19	66.0	16.26	64.7	15.34	64.1	14.96	62.8	14.58	61.5	13.81
	8.3	6.1	67.3	17.42	66.0	16.49	64.7	15.56	64.1	15.17	62.8	14.78	61.5	14.00
	5.0	4.1	67.3	17.71	66.0	16.76	64.7	15.81	64.1	15.41	62.8	15.02	61.5	14.23
	2.5	1.7	67.3	18.07	66.0	17.10	64.7	16.13	64.1	15.73	62.8	15.32	61.5	14.51
	0.0	-0.7	67.3	18.46	66.0	17.48	64.7	16.49	64.1	16.07	62.8	15.66	61.5	14.83
	-3.0	-3.7	67.3	19.00	66.0	17.99	64.7	16.97	64.1	16.54	62.8	16.11	61.5	15.26
	-5.0	-5.6	64.7	18.61	63.5	17.62	62.2	16.62	61.6	16.20	60.4	15.78	59.2	14.93
	-7.0	-7.6	61.7	18.10	60.5	17.13	59.3	16.17	58.7	15.76	57.6	15.34	56.4	14.52
	-10.0	-10.5	57.3	17.35	56.2	16.42	55.1	15.50	54.6	15.10	53.5	14.70	52.4	13.91
	-14.5	-15.0	50.5	16.13	49.5	15.28	48.6	14.42	48.1	14.05	47.1	13.67	46.2	12.93
	-19.5	-20.0	41.7	14.30	40.9	13.54	40.1	12.78	39.7	12.45	38.9	12.11	38.2	11.45
	-22.8	-23.0	34.9	12.52	34.2	11.85	33.5	11.19	33.2	10.90	32.5	10.60	31.9	10.02
	-24.8	-25.0	30.3	11.25	29.7	10.66	29.1	10.06	28.8	9.80	28.3	9.53	27.7	9.00
	-27.4	-28.0	23.4	9.21	23.0	8.72	22.5	8.23	22.3	8.02	21.9	7.80	21.4	7.36
	-29.9	-30.0	18.8	7.72	18.5	7.32	18.1	6.91	17.9	6.72	17.6	6.54	17.2	6.17
80	15.0	13.7	59.8	14.51	58.7	13.73	57.5	12.95	57.0	12.63	55.8	12.31	54.7	11.67
	13.0	11.8	59.8	14.70	58.7	13.91	57.5	13.12	57.0	12.79	55.8	12.47	54.7	11.82
	11.0	9.8	59.8	14.91	58.7	14.11	57.5	13.31	57.0	12.98	55.8	12.64	54.7	11.98
	9.0	7.9	59.8	15.11	58.7	14.30	57.5	13.49	57.0	13.16	55.8	12.82	54.7	12.15
	8.3	6.1	59.8	15.32	58.7	14.50	57.5	13.68	57.0	13.34	55.8	13.00	54.7	12.32
	5.0	4.1	59.8	15.57	58.7	14.74	57.5	13.90	57.0	13.56	55.8	13.21	54.7	12.51
	2.5	1.7	59.8	15.89	58.7	15.04	57.5	14.19	57.0	13.83	55.8	13.48	54.7	12.76
	0.0	-0.7	59.8	16.24	58.7	15.37	57.5	14.50	57.0	14.13	55.8	13.77	54.7	13.04
	-3.0	-3.7	59.8	16.71	58.7	15.82	57.5	14.93	57.0	14.55	55.8	14.17	54.7	13.42
	-5.0	-5.6	57.5	16.37	56.4	15.49	55.3	14.62	54.8	14.25	53.7	13.88	52.6	13.13
	-7.0	-7.6	54.8	15.92	53.8	15.07	52.7	14.22	52.2	13.86	51.2	13.49	50.1	12.77
	-10.0	-10.5	50.9	15.25	50.0	14.44	49.0	13.63	48.5	13.28	47.5	12.93	46.6	12.23
	-14.5	-15.0	44.9	14.19	44.0	13.43	43.2	12.68	42.7	12.35	41.9	12.03	41.0	11.37
	-19.5	-20.0	37.1	12.57	36.4	11.91	35.7	11.24	35.3	10.95	34.6	10.65	33.9	10.07
	-22.8	-23.0	31.0	11.01	30.4	10.42	29.8	9.84	29.5	9.58	28.9	9.33	28.3	8.81
	-24.8	-25.0	26.9	9.89	26.4	9.37	25.9	8.85	25.6	8.61	25.1	8.38	24.6	7.92
	-27.4	-28.0	20.8	8.10	20.4	7.67	20.0	7.24	19.8	7.05	19.4	6.86	19.0	6.47
	-29.9	-30.0	16.8	6.79	16.4	6.43	16.1	6.08	16.0	5.91	15.6	5.75	15.3	5.43
70	15.0	13.7	52.3	12.56	51.3	11.89	50.4	11.21	49.9	10.94	48.9	10.66	47.9	10.10
	13.0	11.8	52.3	12.72	51.3	12.04	50.4	11.36	49.9	11.08	48.9	10.80	47.9	10.23
	11.0	9.8	52.3	12.90	51.3	12.21	50.4	11.52	49.9	11.23	48.9	10.95	47.9	10.38
	9.0	7.9	52.3	13.09	51.3	12.38	50.4	11.68	49.9	11.39	48.9	11.10	47.9	10.52
	8.3	6.1	52.3	13.27	51.3	12.56	50.4	11.85	49.9	11.55	48.9	11.25	47.9	10.66
	5.0	4.1	52.3	13.48	51.3	12.76	50.4	12.04	49.9	11.74	48.9	11.44	47.9	10.83
	2.5	1.7	52.3	13.76	51.3	13.02	50.4	12.29	49.9	11.98	48.9	11.67	47.9	11.05
	0.0	-0.7	52.3	14.06	51.3	13.31	50.4	12.55	49.9	12.24	48.9	11.92	47.9	11.29
	-3.0	-3.7	52.3	14.47	51.3	13.70	50.4	12.92	49.9	12.60	48.9	12.27	47.9	11.62
	-5.0	-5.6	50.3	14.17	49.4	13.41	48.4	12.66	47.9	12.34	47.0	12.01	46.0	11.37
	-7.0	-7.6	48.0	13.78	47.1	13.05	46.1	12.31	45.7	12.00	44.8	11.68	43.9	11.06
	-10.0	-10.5	44.6	13.21	43.7	12.50	42.9	11.80	42.4	11.50	41.6	11.20	40.7	10.59
	-14.5	-15.0	39.3	12.29	38.5	11.63	37.8	10.98	37.4	10.70	36.6	10.41	35.9	9.85
	-19.5	-20.0	32.5	10.89	31.8	10.31	31.2	9.73	30.9	9.48	30.3	9.22	29.7	8.72
	-22.8	-23.0	27.1	9.53	26.6	9.03	26.1	8.52	25.8	8.30	25.3	8.07	24.8	7.63
	-24.8	-25.0	23.6	8.57	23.1	8.11	22.7	7.66	22.4	7.46	22.0	7.26	21.5	6.85
	-27.4	-28.0	18.2	7.01	17.9	6.64	17.5	6.27	17.3	6.10	17.0	5.94	16.7	5.60
	-29.9	-30.0	14.7	5.88	14.4	5.57	14.1	5.26	14.0	5.12	13.7	4.98	13.4	4.70

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2401FT6P-UL/MMY-UP2401FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	83.1	21.52	81.5	20.37	79.9	19.21	79.1	18.74	77.5	18.26	76.0	17.31
	13.0	11.8	83.1	21.80	81.5	20.63	79.9	19.46	79.1	18.98	77.5	18.50	76.0	17.53
	11.0	9.8	83.1	22.11	81.5	20.92	79.9	19.74	79.1	19.25	77.5	18.76	76.0	17.77
	9.0	7.9	83.1	22.42	81.5	21.22	79.9	20.01	79.1	19.52	77.5	19.02	76.0	18.02
	8.3	6.1	83.1	22.73	81.5	21.51	79.9	20.29	79.1	19.79	77.5	19.28	76.0	18.27
	5.0	4.1	83.1	23.10	81.5	21.86	79.9	20.62	79.1	20.11	77.5	19.59	76.0	18.56
	2.5	1.7	83.1	23.57	81.5	22.31	79.9	21.05	79.1	20.52	77.5	19.99	76.0	18.93
	0.0	-0.7	83.1	24.08	81.5	22.80	79.9	21.51	79.1	20.97	77.5	20.42	76.0	19.34
	-3.0	-3.7	83.1	24.79	81.5	23.47	79.9	22.14	79.1	21.58	77.5	21.02	76.0	19.90
	-5.0	-5.6	79.9	24.28	78.4	22.98	76.8	21.68	76.1	21.13	74.6	20.58	73.0	19.48
	-7.0	-7.6	76.2	23.61	74.7	22.35	73.3	21.09	72.5	20.55	71.1	20.02	69.6	18.94
	-10.0	-10.5	70.7	22.63	69.4	21.42	68.0	20.21	67.4	19.70	66.0	19.18	64.7	18.15
	-14.5	-15.0	62.3	21.05	61.1	19.93	59.9	18.81	59.3	18.32	58.2	17.84	57.0	16.87
	-19.5	-20.0	51.5	18.65	50.5	17.66	49.6	16.67	49.1	16.24	48.1	15.80	47.1	14.93
	-22.8	-23.0	43.0	16.33	42.2	15.46	41.4	14.60	41.0	14.21	40.2	13.83	39.4	13.07
	-24.8	-25.0	37.4	14.68	36.7	13.90	36.0	13.12	35.6	12.78	34.9	12.43	34.2	11.74
	-27.4	-28.0	28.9	12.01	28.4	11.38	27.8	10.74	27.5	10.46	27.0	10.17	26.4	9.60
	-29.9	-30.0	23.3	10.08	22.8	9.54	22.4	9.01	22.2	8.77	21.7	8.53	21.3	8.05
110	15.0	13.7	84.8	21.62	83.1	20.46	81.5	19.30	80.7	18.82	79.1	18.35	77.5	17.39
	13.0	11.8	84.8	21.90	83.1	20.73	81.5	19.55	80.7	19.07	79.1	18.58	77.5	17.61
	11.0	9.8	84.8	22.21	83.1	21.02	81.5	19.83	80.7	19.34	79.1	18.84	77.5	17.86
	9.0	7.9	84.8	22.52	83.1	21.32	81.5	20.11	80.7	19.61	79.1	19.11	77.5	18.10
	8.3	6.1	84.8	22.84	83.1	21.61	81.5	20.39	80.7	19.88	79.1	19.37	77.5	18.35
	5.0	4.1	84.8	23.20	83.1	21.96	81.5	20.72	80.7	20.20	79.1	19.68	77.5	18.64
	2.5	1.7	84.8	23.68	83.1	22.41	81.5	21.15	80.7	20.61	79.1	20.08	77.5	19.02
	0.0	-0.7	84.8	24.20	83.1	22.90	81.5	21.61	80.7	21.06	79.1	20.52	77.5	19.43
	-3.0	-3.7	84.8	24.91	83.1	23.58	81.5	22.24	80.7	21.68	79.1	21.12	77.5	19.99
	-5.0	-5.6	81.5	24.39	79.9	23.09	78.4	21.78	77.6	21.23	76.1	20.68	74.5	19.57
	-7.0	-7.6	77.7	23.72	76.2	22.45	74.7	21.19	74.0	20.65	72.5	20.11	71.0	19.03
	-10.0	-10.5	72.1	22.73	70.8	21.52	69.4	20.31	68.7	19.79	67.3	19.27	66.0	18.23
	-14.5	-15.0	63.6	21.15	62.4	20.02	61.1	18.90	60.5	18.41	59.3	17.92	58.1	16.95
	-19.5	-20.0	52.5	18.74	51.5	17.74	50.5	16.75	50.0	16.31	49.0	15.88	48.0	15.00
	-22.8	-23.0	43.9	16.40	43.1	15.53	42.2	14.67	41.8	14.28	41.0	13.90	40.1	13.13
	-24.8	-25.0	38.1	14.75	37.4	13.96	36.7	13.18	36.3	12.84	35.6	12.49	34.9	11.80
	-27.4	-28.0	29.5	12.07	28.9	11.43	28.4	10.79	28.1	10.50	27.5	10.22	27.0	9.65
	-29.9	-30.0	23.7	10.12	23.3	9.59	22.8	9.05	22.6	8.81	22.1	8.57	21.7	8.09
120	15.0	13.7	87.2	21.93	85.6	20.75	83.9	19.57	83.1	19.09	81.4	18.61	79.8	17.64
	13.0	11.8	87.2	22.21	85.6	21.02	83.9	19.83	83.1	19.34	81.4	18.84	79.8	17.86
	11.0	9.8	87.2	22.53	85.6	21.32	83.9	20.11	83.1	19.61	81.4	19.11	79.8	18.11
	9.0	7.9	87.2	22.84	85.6	21.62	83.9	20.39	83.1	19.88	81.4	19.38	79.8	18.36
	8.3	6.1	87.2	23.16	85.6	21.92	83.9	20.68	83.1	20.16	81.4	19.64	79.8	18.61
	5.0	4.1	87.2	23.53	85.6	22.27	83.9	21.01	83.1	20.49	81.4	19.96	79.8	18.91
	2.5	1.7	87.2	24.02	85.6	22.73	83.9	21.44	83.1	20.91	81.4	20.37	79.8	19.29
	0.0	-0.7	87.2	24.54	85.6	23.23	83.9	21.91	83.1	21.36	81.4	20.81	79.8	19.71
	-3.0	-3.7	87.2	25.26	85.6	23.91	83.9	22.56	83.1	21.99	81.4	21.42	79.8	20.28
	-5.0	-5.6	83.9	24.73	82.3	23.41	80.7	22.09	79.9	21.53	78.3	20.97	76.7	19.85
	-7.0	-7.6	80.0	24.06	78.4	22.77	76.9	21.49	76.2	20.94	74.6	20.39	73.1	19.30
	-10.0	-10.5	74.3	23.05	72.9	21.82	71.4	20.60	70.7	20.07	69.3	19.54	67.9	18.49
	-14.5	-15.0	65.4	21.44	64.2	20.30	62.9	19.16	62.3	18.67	61.1	18.17	59.8	17.19
	-19.5	-20.0	54.1	19.00	53.1	17.99	52.0	16.99	51.5	16.54	50.5	16.10	49.5	15.22
	-22.8	-23.0	45.2	16.64	44.3	15.75	43.5	14.87	43.0	14.48	42.2	14.09	41.3	13.31
	-24.8	-25.0	39.3	14.95	38.5	14.16	37.8	13.37	37.4	13.02	36.6	12.67	35.9	11.96
	-27.4	-28.0	30.4	12.24	29.8	11.59	29.2	10.94	28.9	10.65	28.3	10.36	27.8	9.78
	-29.9	-30.0	24.4	10.27	24.0	9.72	23.5	9.18	23.3	8.94	22.8	8.69	22.3	8.20
130	15.0	13.7	89.3	22.12	87.6	20.94	85.9	19.75	85.1	19.26	83.4	18.77	81.7	17.79
	13.0	11.8	89.3	22.41	87.6	21.21	85.9	20.00	85.1	19.51	83.4	19.01	81.7	18.02
	11.0	9.8	89.3	22.72	87.6	21.51	85.9	20.29	85.1	19.78	83.4	19.28	81.7	18.27
	9.0	7.9	89.3	23.04	87.6	21.81	85.9	20.57	85.1	20.06	83.4	19.55	81.7	18.52
	8.3	6.1	89.3	23.36	87.6	22.11	85.9	20.86	85.1	20.34	83.4	19.82	81.7	18.78
	5.0	4.1	89.3	23.74	87.6	22.47	85.9	21.20	85.1	20.67	83.4	20.14	81.7	19.08
	2.5	1.7	89.3	24.23	87.6	22.93	85.9	21.63	85.1	21.09	83.4	20.55	81.7	19.46
	0.0	-0.7	89.3	24.76	87.6	23.43	85.9	22.11	85.1	21.55	83.4	20.99	81.7	19.88
	-3.0	-3.7	89.3	25.48	87.6	24.12	85.9	22.76	85.1	22.18	83.4	21.61	81.7	20.45
	-5.0	-5.6	85.9	24.95	84.2	23.62	82.6	22.29	81.8	21.72	80.2	21.16	78.5	20.03
	-7.0	-7.6	81.9	24.27	80.3	22.97	78.7	21.68	78.0	21.13	76.4	20.57	74.8	19.47
	-10.0	-10.5	76.0	23.26	74.6	22.02	73.1	20.78	72.4	20.25	71.0	19.72	69.5	18.65
	-14.5	-15.0	67.0	21.63	65.7	20.48	64.4	19.33	63.8	18.83	62.5	18.34	61.2	17.34
	-19.5	-20.0	55.4	19.17	54.3	18.15	53.3	17.14	52.7	16.69	51.7	16.24	50.6	15.35
	-22.8	-23.0	46.3	16.78	45.4	15.89	44.5	15.00	44.1	14.61	43.2	14.22	42.3	13.43
	-24.8	-25.0	40.2	15.09	39.4	14.29	38.7	13.49	38.3	13.13	37.5	12.78	36.7	12.07
	-27.4	-28.0	31.1	12.34	30.5	11.69	29.9	11.04	29.6	10.75	29.0	10.45	28.4	9.87
	-29.9	-30.0	25.0	10.36	24.5	9.81	24.1	9.26	23.8	9.02	23.3	8.77	22.9	8.28

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	74.8	19.16	73.4	18.13	71.9	17.11	71.2	16.68	69.8	16.26	68.4	15.41
	13.0	11.8	74.8	19.41	73.4	18.37	71.9	17.33	71.2	16.90	69.8	16.47	68.4	15.61
	11.0	9.8	74.8	19.68	73.4	18.63	71.9	17.57	71.2	17.14	69.8	16.70	68.4	15.83
	9.0	7.9	74.8	19.96	73.4	18.89	71.9	17.82	71.2	17.38	69.8	16.93	68.4	16.04
	8.3	6.1	74.8	20.24	73.4	19.15	71.9	18.07	71.2	17.62	69.8	17.17	68.4	16.26
	5.0	4.1	74.8	20.56	73.4	19.46	71.9	18.36	71.2	17.90	69.8	17.44	68.4	16.52
	2.5	1.7	74.8	20.99	73.4	19.86	71.9	18.74	71.2	18.27	69.8	17.80	68.4	16.86
	0.0	-0.7	74.8	21.44	73.4	20.30	71.9	19.15	71.2	18.67	69.8	18.18	68.4	17.22
	-3.0	-3.7	74.8	22.07	73.4	20.89	71.9	19.71	71.2	19.21	69.8	18.72	68.4	17.72
	-5.0	-5.6	71.9	21.61	70.5	20.46	69.2	19.31	68.5	18.82	67.1	18.33	65.7	17.35
	-7.0	-7.6	68.5	21.02	67.2	19.90	65.9	18.78	65.3	18.30	64.0	17.82	62.7	16.87
	-10.0	-10.5	63.7	20.15	62.4	19.07	61.2	18.00	60.6	17.54	59.4	17.08	58.2	16.16
	-14.5	-15.0	56.1	18.74	55.0	17.74	53.9	16.75	53.4	16.31	52.3	15.88	51.3	15.02
	-19.5	-20.0	46.4	16.61	45.5	15.72	44.6	14.84	44.2	14.46	43.3	14.07	42.4	13.30
	-22.8	-23.0	38.7	14.54	38.0	13.77	37.3	13.00	36.9	12.66	36.2	12.32	35.4	11.63
	-24.8	-25.0	33.7	13.07	33.0	12.38	32.4	11.68	32.0	11.38	31.4	11.07	30.8	10.45
	-27.4	-28.0	26.0	10.69	25.5	10.13	25.0	9.56	24.8	9.31	24.3	9.06	23.8	8.55
	-29.9	-30.0	20.9	8.97	20.5	8.50	20.1	8.02	19.9	7.81	19.5	7.60	19.1	7.17
80	15.0	13.7	66.5	16.85	65.2	15.95	63.9	15.04	63.3	14.67	62.0	14.30	60.8	13.56
	13.0	11.8	66.5	17.07	65.2	16.15	63.9	15.24	63.3	14.86	62.0	14.48	60.8	13.73
	11.0	9.8	66.5	17.31	65.2	16.38	63.9	15.45	63.3	15.07	62.0	14.69	60.8	13.92
	9.0	7.9	66.5	17.55	65.2	16.61	63.9	15.67	63.3	15.28	62.0	14.89	60.8	14.11
	8.3	6.1	66.5	17.80	65.2	16.84	63.9	15.89	63.3	15.49	62.0	15.10	60.8	14.30
	5.0	4.1	66.5	18.09	65.2	17.12	63.9	16.15	63.3	15.74	62.0	15.34	60.8	14.53
	2.5	1.7	66.5	18.46	65.2	17.47	63.9	16.48	63.3	16.07	62.0	15.65	60.8	14.82
	0.0	-0.7	66.5	18.86	65.2	17.85	63.9	16.84	63.3	16.42	62.0	15.99	60.8	15.14
	-3.0	-3.7	66.5	19.41	65.2	18.37	63.9	17.34	63.3	16.90	62.0	16.46	60.8	15.58
	-5.0	-5.6	63.9	19.01	62.7	17.99	61.5	16.98	60.9	16.55	59.7	16.12	58.4	15.25
	-7.0	-7.6	60.9	18.49	59.8	17.50	58.6	16.51	58.0	16.09	56.9	15.67	55.7	14.83
	-10.0	-10.5	56.6	17.72	55.5	16.77	54.4	15.83	53.9	15.42	52.8	15.02	51.7	14.21
	-14.5	-15.0	49.9	16.48	48.9	15.60	48.0	14.73	47.5	14.35	46.5	13.97	45.6	13.21
	-19.5	-20.0	41.2	14.60	40.4	13.83	39.6	13.05	39.2	12.71	38.5	12.37	37.7	11.69
	-22.8	-23.0	34.4	12.78	33.8	12.11	33.1	11.43	32.8	11.13	32.1	10.83	31.5	10.23
	-24.8	-25.0	29.9	11.49	29.3	10.88	28.8	10.28	28.5	10.00	27.9	9.73	27.3	9.19
	-27.4	-28.0	23.1	9.40	22.7	8.91	22.3	8.41	22.0	8.19	21.6	7.96	21.1	7.52
	-29.9	-30.0	18.6	7.89	18.3	7.47	17.9	7.06	17.7	6.87	17.4	6.68	17.0	6.30
70	15.0	13.7	58.2	14.59	57.1	13.81	55.9	13.02	55.4	12.70	54.3	12.38	53.2	11.74
	13.0	11.8	58.2	14.78	57.1	13.99	55.9	13.19	55.4	12.87	54.3	12.54	53.2	11.88
	11.0	9.8	58.2	14.99	57.1	14.18	55.9	13.38	55.4	13.05	54.3	12.72	53.2	12.05
	9.0	7.9	58.2	15.20	57.1	14.38	55.9	13.57	55.4	13.23	54.3	12.89	53.2	12.22
	8.3	6.1	58.2	15.41	57.1	14.58	55.9	13.76	55.4	13.41	54.3	13.07	53.2	12.38
	5.0	4.1	58.2	15.66	57.1	14.82	55.9	13.98	55.4	13.63	54.3	13.28	53.2	12.58
	2.5	1.7	58.2	15.98	57.1	15.12	55.9	14.27	55.4	13.91	54.3	13.55	53.2	12.84
	0.0	-0.7	58.2	16.33	57.1	15.45	55.9	14.58	55.4	14.21	54.3	13.85	53.2	13.11
	-3.0	-3.7	58.2	16.81	57.1	15.91	55.9	15.01	55.4	14.63	54.3	14.25	53.2	13.49
	-5.0	-5.6	55.9	16.46	54.9	15.58	53.8	14.70	53.3	14.33	52.2	13.95	51.1	13.21
	-7.0	-7.6	53.3	16.01	52.3	15.15	51.3	14.30	50.8	13.93	49.8	13.57	48.7	12.84
	-10.0	-10.5	49.5	15.34	48.6	14.52	47.6	13.70	47.2	13.35	46.2	13.00	45.3	12.30
	-14.5	-15.0	43.6	14.27	42.8	13.51	42.0	12.75	41.5	12.42	40.7	12.09	39.9	11.44
	-19.5	-20.0	36.1	12.64	35.4	11.97	34.7	11.30	34.3	11.01	33.7	10.71	33.0	10.13
	-22.8	-23.0	30.1	11.07	29.6	10.48	29.0	9.90	28.7	9.64	28.1	9.38	27.5	8.86
	-24.8	-25.0	26.2	9.95	25.7	9.42	25.2	8.90	24.9	8.66	24.4	8.43	23.9	7.96
	-27.4	-28.0	20.2	8.14	19.9	7.71	19.5	7.28	19.3	7.09	18.9	6.90	18.5	6.51
	-29.9	-30.0	16.3	6.83	16.0	6.47	15.7	6.11	15.5	5.95	15.2	5.78	14.9	5.46

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2641FT6P-UL/MMY-UP2641FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	91.4	25.29	89.7	23.93	87.9	22.57	87.0	22.01	85.3	21.45	83.6	20.34
	13.0	11.8	91.4	25.61	89.7	24.24	87.9	22.86	87.0	22.29	85.3	21.73	83.6	20.59
	11.0	9.8	91.4	25.97	89.7	24.58	87.9	23.19	87.0	22.61	85.3	22.03	83.6	20.88
	9.0	7.9	91.4	26.34	89.7	24.92	87.9	23.51	87.0	22.93	85.3	22.34	83.6	21.17
	8.3	6.1	91.4	26.70	89.7	25.27	87.9	23.84	87.0	23.25	85.3	22.65	83.6	21.46
	5.0	4.1	91.4	27.13	89.7	25.68	87.9	24.23	87.0	23.62	85.3	23.01	83.6	21.80
	2.5	1.7	91.4	27.69	89.7	26.21	87.9	24.73	87.0	24.10	85.3	23.48	83.6	22.24
	0.0	-0.7	86.9	26.85	85.2	25.41	83.5	23.97	82.7	23.37	81.1	22.77	79.4	21.56
	-3.0	-3.7	81.1	25.75	79.6	24.37	78.0	23.00	77.2	22.41	75.7	21.83	74.1	20.67
	-5.0	-5.6	77.5	25.04	76.0	23.70	74.5	22.36	73.8	21.80	72.3	21.23	70.8	20.09
	-7.0	-7.6	73.6	24.28	72.2	22.98	70.8	21.69	70.1	21.14	68.7	20.58	67.3	19.48
	-10.0	-10.5	68.0	23.16	66.7	21.92	65.5	20.69	64.8	20.16	63.5	19.63	62.2	18.57
	-14.5	-15.0	59.4	21.34	58.3	20.21	57.1	19.07	56.6	18.58	55.4	18.09	54.3	17.10
	-19.5	-20.0	48.4	18.65	47.5	17.66	46.6	16.67	46.1	16.24	45.2	15.80	44.3	14.94
	-22.8	-23.0	41.3	16.68	40.5	15.80	39.7	14.91	39.3	14.52	38.6	14.13	37.8	13.35
	-24.8	-25.0	36.6	15.29	35.9	14.48	35.2	13.67	34.8	13.31	34.1	12.95	33.4	12.23
	-27.4	-28.0	29.4	13.04	28.9	12.35	28.3	11.66	28.0	11.35	27.5	11.04	26.9	10.42
	-29.9	-30.0	24.7	11.41	24.2	10.80	23.7	10.20	23.5	9.93	23.0	9.66	22.6	9.12
110	15.0	13.7	93.2	25.40	91.5	24.04	89.7	22.67	88.8	22.11	87.0	21.55	85.2	20.43
	13.0	11.8	93.2	25.73	91.5	24.35	89.7	22.97	88.8	22.40	87.0	21.83	85.2	20.69
	11.0	9.8	93.2	26.09	91.5	24.69	89.7	23.29	88.8	22.71	87.0	22.14	85.2	20.98
	9.0	7.9	93.2	26.46	91.5	25.04	89.7	23.62	88.8	23.03	87.0	22.45	85.2	21.27
	8.3	6.1	93.2	26.83	91.5	25.39	89.7	23.95	88.8	23.35	87.0	22.76	85.2	21.56
	5.0	4.1	93.2	27.26	91.5	25.80	89.7	24.34	88.8	23.73	87.0	23.12	85.2	21.90
	2.5	1.7	93.2	27.82	91.5	26.33	89.7	24.84	88.8	24.22	87.0	23.59	85.2	22.35
	0.0	-0.7	88.6	26.97	86.9	25.53	85.2	24.09	84.4	23.48	82.7	22.87	81.0	21.66
	-3.0	-3.7	82.7	25.87	81.1	24.48	79.6	23.10	78.8	22.52	77.2	21.93	75.6	20.76
	-5.0	-5.6	79.0	25.15	77.5	23.81	76.0	22.47	75.2	21.90	73.7	21.33	72.2	20.19
	-7.0	-7.6	75.1	24.39	73.7	23.09	72.2	21.79	71.5	21.23	70.1	20.68	68.6	19.57
	-10.0	-10.5	69.4	23.26	68.1	22.02	66.8	20.78	66.1	20.25	64.8	19.72	63.5	18.66
	-14.5	-15.0	60.6	21.44	59.4	20.30	58.3	19.16	57.7	18.67	56.6	18.17	55.4	17.18
	-19.5	-20.0	49.4	18.74	48.5	17.74	47.5	16.75	47.1	16.31	46.1	15.88	45.2	15.01
	-22.8	-23.0	42.1	16.76	41.3	15.87	40.5	14.98	40.1	14.59	39.3	14.20	38.5	13.41
	-24.8	-25.0	37.3	15.36	36.6	14.54	35.9	13.73	35.5	13.37	34.8	13.01	34.1	12.29
	-27.4	-28.0	30.0	13.10	29.4	12.40	28.9	11.71	28.6	11.40	28.0	11.09	27.4	10.47
	-29.9	-30.0	25.2	11.46	24.7	10.85	24.2	10.25	24.0	9.98	23.5	9.70	23.0	9.16
120	15.0	13.7	96.0	25.76	94.1	24.38	92.3	23.00	91.4	22.43	89.6	21.86	87.7	20.72
	13.0	11.8	96.0	26.09	94.1	24.69	92.3	23.29	91.4	22.71	89.6	22.14	87.7	20.98
	11.0	9.8	96.0	26.46	94.1	25.04	92.3	23.62	91.4	23.04	89.6	22.45	87.7	21.28
	9.0	7.9	96.0	26.83	94.1	25.39	92.3	23.96	91.4	23.36	89.6	22.76	87.7	21.57
	8.3	6.1	96.0	27.21	94.1	25.75	92.3	24.29	91.4	23.68	89.6	23.08	87.7	21.86
	5.0	4.1	96.0	27.65	94.1	26.16	92.3	24.68	91.4	24.07	89.6	23.45	87.7	22.21
	2.5	1.7	96.0	28.21	94.1	26.70	92.3	25.19	91.4	24.56	89.6	23.93	87.7	22.66
	0.0	-0.7	91.2	27.35	89.5	25.89	87.7	24.43	86.9	23.81	85.1	23.20	83.4	21.96
	-3.0	-3.7	85.2	26.23	83.5	24.83	81.9	23.43	81.1	22.84	79.5	22.24	77.9	21.06
	-5.0	-5.6	81.3	25.51	79.8	24.15	78.2	22.79	77.5	22.21	75.9	21.63	74.4	20.47
	-7.0	-7.6	77.3	24.74	75.8	23.42	74.3	22.10	73.6	21.54	72.1	20.97	70.7	19.85
	-10.0	-10.5	71.4	23.59	70.1	22.34	68.7	21.08	68.0	20.54	66.7	20.00	65.3	18.92
	-14.5	-15.0	62.4	21.74	61.2	20.59	60.0	19.43	59.4	18.93	58.2	18.43	57.0	17.43
	-19.5	-20.0	50.9	19.00	49.9	18.00	48.9	16.99	48.4	16.55	47.5	16.10	46.5	15.22
	-22.8	-23.0	43.4	17.00	42.6	16.10	41.7	15.20	41.3	14.80	40.5	14.40	39.7	13.60
	-24.8	-25.0	38.4	15.57	37.7	14.75	36.9	13.93	36.6	13.56	35.8	13.19	35.1	12.46
	-27.4	-28.0	30.9	13.28	30.3	12.58	29.7	11.88	29.4	11.56	28.8	11.25	28.3	10.62
	-29.9	-30.0	25.9	11.62	25.4	11.01	24.9	10.39	24.7	10.12	24.2	9.84	23.7	9.29
130	15.0	13.7	98.3	25.99	96.4	24.59	94.5	23.20	93.6	22.63	91.7	22.05	89.8	20.90
	13.0	11.8	98.3	26.32	96.4	24.91	94.5	23.50	93.6	22.92	91.7	22.33	89.8	21.17
	11.0	9.8	98.3	26.70	96.4	25.26	94.5	23.83	93.6	23.24	91.7	22.65	89.8	21.46
	9.0	7.9	98.3	27.07	96.4	25.62	94.5	24.17	93.6	23.57	91.7	22.96	89.8	21.76
	8.3	6.1	98.3	27.45	96.4	25.98	94.5	24.51	93.6	23.89	91.7	23.28	89.8	22.06
	5.0	4.1	98.3	27.89	96.4	26.40	94.5	24.90	93.6	24.28	91.7	23.66	89.8	22.41
	2.5	1.7	98.3	28.46	96.4	26.94	94.5	25.42	93.6	24.78	91.7	24.14	89.8	22.86
	0.0	-0.7	93.4	27.59	91.6	26.12	89.8	24.64	88.9	24.02	87.1	23.40	85.4	22.16
	-3.0	-3.7	87.2	26.46	85.5	25.05	83.9	23.64	83.0	23.04	81.4	22.44	79.7	21.24
	-5.0	-5.6	83.3	25.74	81.7	24.36	80.1	22.99	79.3	22.40	77.7	21.82	76.1	20.65
	-7.0	-7.6	79.1	24.96	77.6	23.63	76.1	22.29	75.4	21.73	73.9	21.16	72.4	20.02
	-10.0	-10.5	73.1	23.80	71.8	22.53	70.4	21.26	69.7	20.72	68.3	20.18	66.9	19.09
	-14.5	-15.0	63.9	21.94	62.6	20.77	61.4	19.60	60.8	19.10	59.6	18.59	58.4	17.58
	-19.5	-20.0	52.1	19.17	51.1	18.16	50.1	17.14	49.6	16.69	48.6	16.25	47.6	15.35
	-22.8	-23.0	44.4	17.15	43.6	16.24	42.7	15.33	42.3	14.93	41.4	14.53	40.6	13.72
	-24.8	-25.0	39.3	15.71	38.6	14.88	37.8	14.05	37.4	13.68	36.7	13.31	35.9	12.57
	-27.4	-28.0	31.6	13.40	31.0	12.69	30.4	11.98	30.1	11.66	29.5	11.35	28.9	10.71
	-29.9	-30.0	26.5	11.72	26.0	11.11	25.5	10.49	25.3	10.21	24.8	9.93	24.3	9.37

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	82.3	22.51	80.7	21.30	79.1	20.09	78.3	19.60	76.8	19.10	75.2	18.11
	13.0	11.8	82.3	22.80	80.7	21.58	79.1	20.35	78.3	19.85	76.8	19.35	75.2	18.34
	11.0	9.8	82.3	23.12	80.7	21.88	79.1	20.64	78.3	20.13	76.8	19.62	75.2	18.59
	9.0	7.9	82.3	23.45	80.7	22.19	79.1	20.93	78.3	20.41	76.8	19.89	75.2	18.85
	8.3	6.1	82.3	23.77	80.7	22.50	79.1	21.23	78.3	20.70	76.8	20.17	75.2	19.11
	5.0	4.1	82.3	24.16	80.7	22.86	79.1	21.57	78.3	21.03	76.8	20.49	75.2	19.41
	2.5	1.7	82.3	24.65	80.7	23.33	79.1	22.01	78.3	21.46	76.8	20.91	75.2	19.80
	0.0	-0.7	78.2	23.90	76.7	22.62	75.2	21.35	74.4	20.81	73.0	20.27	71.5	19.19
	-3.0	-3.7	73.0	22.92	71.6	21.70	70.2	20.47	69.5	19.96	68.1	19.44	66.7	18.40
	-5.0	-5.6	69.7	22.29	68.4	21.10	67.1	19.91	66.4	19.41	65.1	18.90	63.7	17.89
	-7.0	-7.6	66.3	21.62	65.0	20.46	63.7	19.31	63.1	18.82	61.8	18.33	60.6	17.34
	-10.0	-10.5	61.2	20.62	60.1	19.52	58.9	18.42	58.3	17.95	57.2	17.48	56.0	16.53
	-14.5	-15.0	53.5	19.00	52.4	17.99	51.4	16.98	50.9	16.54	49.9	16.10	48.9	15.23
	-19.5	-20.0	43.6	16.61	42.8	15.73	41.9	14.84	41.5	14.46	40.7	14.07	39.9	13.30
	-22.8	-23.0	37.2	14.85	36.5	14.07	35.8	13.28	35.4	12.93	34.7	12.58	34.0	11.89
	-24.8	-25.0	32.9	13.61	32.3	12.89	31.6	12.17	31.3	11.85	30.7	11.53	30.1	10.89
	-27.4	-28.0	26.5	11.61	26.0	10.99	25.5	10.38	25.2	10.10	24.7	9.83	24.2	9.28
	-29.9	-30.0	22.2	10.16	21.8	9.62	21.4	9.08	21.2	8.84	20.7	8.60	20.3	8.12
80	15.0	13.7	73.1	19.80	71.7	18.74	70.3	17.67	69.6	17.24	68.2	16.80	66.9	15.92
	13.0	11.8	73.1	20.05	71.7	18.98	70.3	17.90	69.6	17.46	68.2	17.01	66.9	16.13
	11.0	9.8	73.1	20.34	71.7	19.25	70.3	18.15	69.6	17.70	68.2	17.25	66.9	16.35
	9.0	7.9	73.1	20.62	71.7	19.52	70.3	18.41	69.6	17.95	68.2	17.49	66.9	16.58
	8.3	6.1	73.1	20.91	71.7	19.79	70.3	18.67	69.6	18.20	68.2	17.74	66.9	16.80
	5.0	4.1	73.1	21.25	71.7	20.11	70.3	18.97	69.6	18.50	68.2	18.02	66.9	17.07
	2.5	1.7	73.1	21.68	71.7	20.52	70.3	19.36	69.6	18.87	68.2	18.39	66.9	17.42
	0.0	-0.7	69.5	21.02	68.2	19.90	66.8	18.77	66.2	18.30	64.9	17.83	63.5	16.88
	-3.0	-3.7	64.9	20.16	63.6	19.08	62.4	18.01	61.8	17.55	60.6	17.09	59.3	16.18
	-5.0	-5.6	62.0	19.60	60.8	18.56	59.6	17.51	59.0	17.07	57.8	16.62	56.6	15.73
	-7.0	-7.6	58.9	19.01	57.8	18.00	56.6	16.98	56.1	16.55	55.0	16.12	53.8	15.25
	-10.0	-10.5	54.4	18.13	53.4	17.16	52.4	16.20	51.8	15.78	50.8	15.37	49.8	14.54
	-14.5	-15.0	47.5	16.71	46.6	15.82	45.7	14.93	45.3	14.55	44.4	14.16	43.5	13.39
	-19.5	-20.0	38.8	14.61	38.0	13.83	37.3	13.06	36.9	12.72	36.2	12.38	35.4	11.70
	-22.8	-23.0	33.0	13.06	32.4	12.37	31.8	11.68	31.5	11.37	30.8	11.07	30.2	10.45
	-24.8	-25.0	29.2	11.97	28.7	11.34	28.1	10.70	27.9	10.42	27.3	10.14	26.7	9.58
	-27.4	-28.0	23.5	10.21	23.1	9.67	22.6	9.13	22.4	8.89	22.0	8.64	21.5	8.16
	-29.9	-30.0	19.7	8.93	19.4	8.46	19.0	7.99	18.8	7.78	18.4	7.56	18.0	7.14
70	15.0	13.7	64.0	17.14	62.8	16.22	61.5	15.30	60.9	14.92	59.7	14.54	58.5	13.79
	13.0	11.8	64.0	17.36	62.8	16.43	61.5	15.50	60.9	15.11	59.7	14.73	58.5	13.96
	11.0	9.8	64.0	17.61	62.8	16.66	61.5	15.72	60.9	15.33	59.7	14.94	58.5	14.16
	9.0	7.9	64.0	17.85	62.8	16.90	61.5	15.94	60.9	15.54	59.7	15.15	58.5	14.35
	8.3	6.1	64.0	18.10	62.8	17.13	61.5	16.16	60.9	15.76	59.7	15.36	58.5	14.55
	5.0	4.1	64.0	18.39	62.8	17.41	61.5	16.42	60.9	16.01	59.7	15.60	58.5	14.78
	2.5	1.7	64.0	18.77	62.8	17.77	61.5	16.76	60.9	16.34	59.7	15.92	58.5	15.08
	0.0	-0.7	60.8	18.20	59.6	17.23	58.5	16.25	57.9	15.84	56.7	15.43	55.6	14.61
	-3.0	-3.7	56.8	17.45	55.7	16.52	54.6	15.59	54.1	15.19	53.0	14.80	51.9	14.01
	-5.0	-5.6	54.2	16.97	53.2	16.07	52.2	15.16	51.6	14.78	50.6	14.39	49.6	13.62
	-7.0	-7.6	51.5	16.46	50.5	15.58	49.6	14.70	49.1	14.33	48.1	13.95	47.1	13.21
	-10.0	-10.5	47.6	15.70	46.7	14.86	45.8	14.02	45.4	13.67	44.5	13.31	43.5	12.59
	-14.5	-15.0	41.6	14.47	40.8	13.70	40.0	12.93	39.6	12.60	38.8	12.26	38.0	11.60
	-19.5	-20.0	33.9	12.65	33.3	11.97	32.6	11.30	32.3	11.01	31.6	10.71	31.0	10.13
	-22.8	-23.0	28.9	11.31	28.4	10.71	27.8	10.11	27.5	9.85	27.0	9.58	26.4	9.05
	-24.8	-25.0	25.6	10.36	25.1	9.81	24.6	9.27	24.4	9.02	23.9	8.78	23.4	8.29
	-27.4	-28.0	20.6	8.84	20.2	8.37	19.8	7.90	19.6	7.69	19.2	7.48	18.8	7.07
	-29.9	-30.0	17.3	7.73	16.9	7.32	16.6	6.92	16.5	6.73	16.1	6.55	15.8	6.18

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP2881FT6P-UL/MMY-UP2881FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	99.7	27.77	97.8	26.27	95.9	24.78	95.0	24.17	93.1	23.56	91.2	22.33
	13.0	11.8	99.7	28.12	97.8	26.61	95.9	25.10	95.0	24.48	93.1	23.86	91.2	22.61
	11.0	9.8	99.7	28.52	97.8	26.99	95.9	25.46	95.0	24.83	93.1	24.19	91.2	22.93
	9.0	7.9	99.7	28.92	97.8	27.37	95.9	25.82	95.0	25.18	93.1	24.53	91.2	23.25
	8.3	6.1	99.7	29.32	97.8	27.75	95.9	26.18	95.0	25.53	93.1	24.87	91.2	23.56
	5.0	4.1	99.7	29.79	97.8	28.20	95.9	26.60	95.0	25.94	93.1	25.27	91.2	23.94
	2.5	1.7	99.7	30.41	97.8	28.78	95.9	27.15	95.0	26.47	93.1	25.79	91.2	24.42
	0.0	-0.7	99.7	31.07	97.8	29.41	95.9	27.75	95.0	27.05	93.1	26.35	91.2	24.95
	-3.0	-3.7	99.7	31.98	97.8	30.27	95.9	28.56	95.0	27.84	93.1	27.12	91.2	25.67
	-5.0	-5.6	95.9	31.32	94.0	29.64	92.2	27.97	91.3	27.26	89.5	26.55	87.7	25.13
	-7.0	-7.6	91.4	30.46	89.6	28.83	87.9	27.21	87.0	26.51	85.3	25.82	83.5	24.44
	-10.0	-10.5	84.9	29.19	83.3	27.63	81.6	26.08	80.8	25.41	79.2	24.74	77.6	23.41
	-14.5	-15.0	74.8	27.15	73.4	25.71	71.9	24.26	71.2	23.64	69.8	23.01	68.4	21.76
	-19.5	-20.0	61.8	24.06	60.6	22.78	59.5	21.51	58.9	20.95	57.7	20.39	56.5	19.27
	-22.8	-23.0	51.6	21.06	50.7	19.95	49.7	18.83	49.2	18.34	48.2	17.84	47.2	16.86
	-24.8	-25.0	44.9	18.93	44.0	17.93	43.2	16.93	42.7	16.48	41.9	16.04	41.0	15.15
	-27.4	-28.0	34.7	15.49	34.0	14.67	33.4	13.85	33.0	13.49	32.4	13.12	31.7	12.39
	-29.9	-30.0	27.9	13.00	27.4	12.31	26.9	11.62	26.6	11.32	26.1	11.01	25.5	10.39
110	15.0	13.7	101.7	27.89	99.8	26.40	97.8	24.90	96.9	24.28	94.9	23.67	93.0	22.44
	13.0	11.8	101.7	28.25	99.8	26.74	97.8	25.22	96.9	24.59	94.9	23.97	93.0	22.72
	11.0	9.8	101.7	28.65	99.8	27.12	97.8	25.58	96.9	24.94	94.9	24.31	93.0	23.04
	9.0	7.9	101.7	29.05	99.8	27.50	97.8	25.94	96.9	25.29	94.9	24.65	93.0	23.35
	8.3	6.1	101.7	29.46	99.8	27.88	97.8	26.30	96.9	25.64	94.9	24.99	93.0	23.67
	5.0	4.1	101.7	29.93	99.8	28.33	97.8	26.73	96.9	26.06	94.9	25.39	93.0	24.05
	2.5	1.7	101.7	30.55	99.8	28.91	97.8	27.28	96.9	26.59	94.9	25.91	93.0	24.54
	0.0	-0.7	101.7	31.21	99.8	29.54	97.8	27.87	96.9	27.17	94.9	26.47	93.0	25.06
	-3.0	-3.7	101.7	32.13	99.8	30.41	97.8	28.70	96.9	27.97	94.9	27.24	93.0	25.79
	-5.0	-5.6	97.8	31.46	95.9	29.78	94.1	28.10	93.1	27.39	91.3	26.68	89.4	25.25
	-7.0	-7.6	93.2	30.60	91.4	28.97	89.7	27.33	88.8	26.64	87.0	25.94	85.2	24.55
	-10.0	-10.5	86.6	29.32	84.9	27.76	83.3	26.20	82.5	25.53	80.8	24.86	79.2	23.52
	-14.5	-15.0	76.3	27.28	74.8	25.83	73.4	24.38	72.6	23.75	71.2	23.12	69.7	21.86
	-19.5	-20.0	63.1	24.17	61.9	22.89	60.7	21.61	60.1	21.04	58.9	20.48	57.6	19.36
	-22.8	-23.0	52.7	21.16	51.7	20.04	50.7	18.92	50.2	18.42	49.2	17.93	48.2	16.94
	-24.8	-25.0	45.8	19.02	44.9	18.01	44.0	17.01	43.6	16.56	42.7	16.11	41.8	15.22
	-27.4	-28.0	35.4	15.56	34.7	14.74	34.0	13.92	33.7	13.55	33.0	13.18	32.4	12.44
	-29.9	-30.0	28.5	13.06	27.9	12.37	27.4	11.68	27.1	11.37	26.6	11.06	26.0	10.44
120	15.0	13.7	104.7	28.29	102.7	26.77	100.7	25.25	99.7	24.63	97.7	24.00	95.7	22.75
	13.0	11.8	104.7	28.65	102.7	27.11	100.7	25.58	99.7	24.94	97.7	24.31	95.7	23.04
	11.0	9.8	104.7	29.06	102.7	27.50	100.7	25.94	99.7	25.30	97.7	24.65	95.7	23.36
	9.0	7.9	104.7	29.47	102.7	27.89	100.7	26.31	99.7	25.65	97.7	25.00	95.7	23.69
	8.3	6.1	104.7	29.87	102.7	28.27	100.7	26.67	99.7	26.01	97.7	25.34	95.7	24.01
	5.0	4.1	104.7	30.36	102.7	28.73	100.7	27.11	99.7	26.43	97.7	25.75	95.7	24.39
	2.5	1.7	104.7	30.98	102.7	29.32	100.7	27.66	99.7	26.97	97.7	26.27	95.7	24.88
	0.0	-0.7	104.7	31.65	102.7	29.96	100.7	28.27	99.7	27.56	97.7	26.84	95.7	25.42
	-3.0	-3.7	104.7	32.58	102.7	30.84	100.7	29.10	99.7	28.37	97.7	27.63	95.7	26.16
	-5.0	-5.6	100.7	31.91	98.7	30.20	96.8	28.50	95.9	27.78	94.0	27.05	92.0	25.61
	-7.0	-7.6	96.0	31.03	94.1	29.38	92.3	27.72	91.4	27.01	89.6	26.31	87.7	24.90
	-10.0	-10.5	89.1	29.74	87.4	28.15	85.7	26.57	84.9	25.89	83.2	25.21	81.5	23.85
	-14.5	-15.0	78.5	27.66	77.0	26.19	75.5	24.72	74.8	24.08	73.3	23.45	71.8	22.17
	-19.5	-20.0	64.9	24.51	63.7	23.21	62.4	21.91	61.8	21.34	60.6	20.77	59.3	19.63
	-22.8	-23.0	54.2	21.46	53.2	20.32	52.2	19.19	51.6	18.68	50.6	18.18	49.6	17.17
	-24.8	-25.0	47.1	19.29	46.2	18.27	45.3	17.25	44.9	16.79	44.0	16.34	43.1	15.43
	-27.4	-28.0	36.4	15.78	35.7	14.95	35.0	14.12	34.7	13.74	34.0	13.37	33.3	12.62
	-29.9	-30.0	29.3	13.24	28.8	12.54	28.2	11.84	27.9	11.53	27.4	11.21	26.8	10.58
130	15.0	13.7	107.2	28.54	105.1	27.01	103.1	25.47	102.1	24.84	100.0	24.21	98.0	22.95
	13.0	11.8	107.2	28.91	105.1	27.35	103.1	25.80	102.1	25.16	100.0	24.52	98.0	23.25
	11.0	9.8	107.2	29.32	105.1	27.74	103.1	26.17	102.1	25.52	100.0	24.87	98.0	23.57
	9.0	7.9	107.2	29.73	105.1	28.13	103.1	26.54	102.1	25.88	100.0	25.22	98.0	23.90
	8.3	6.1	107.2	30.14	105.1	28.52	103.1	26.91	102.1	26.24	100.0	25.57	98.0	24.22
	5.0	4.1	107.2	30.63	105.1	28.99	103.1	27.35	102.1	26.66	100.0	25.98	98.0	24.61
	2.5	1.7	107.2	31.25	105.1	29.58	103.1	27.91	102.1	27.21	100.0	26.51	98.0	25.10
	0.0	-0.7	107.2	31.93	105.1	30.23	103.1	28.52	102.1	27.80	100.0	27.08	98.0	25.64
	-3.0	-3.7	107.2	32.87	105.1	31.12	103.1	29.36	102.1	28.62	100.0	27.87	98.0	26.39
	-5.0	-5.6	103.1	32.19	101.1	30.47	99.1	28.75	98.2	28.02	96.2	27.29	94.2	25.83
	-7.0	-7.6	98.2	31.31	96.4	29.64	94.5	27.97	93.6	27.25	91.7	26.54	89.8	25.12
	-10.0	-10.5	91.2	30.00	89.5	28.40	87.8	26.80	86.9	26.12	85.2	25.43	83.4	24.06
	-14.5	-15.0	80.4	27.91	78.9	26.42	77.3	24.94	76.6	24.30	75.0	23.65	73.5	22.37
	-19.5	-20.0	66.5	24.73	65.2	23.42	63.9	22.11	63.3	21.53	62.0	20.95	60.8	19.80
	-22.8	-23.0	55.5	21.65	54.5	20.50	53.4	19.36	52.9	18.85	51.8	18.34	50.8	17.33
	-24.8	-25.0	48.2	19.46	47.3	18.43	46.4	17.40	45.9	16.94	45.0	16.48	44.1	15.57
	-27.4	-28.0	37.3	15.92	36.6	15.08	35.9	14.24	35.5	13.86	34.8	13.49	34.1	12.73
	-29.9	-30.0	30.0	13.36	29.4	12.65	28.9	11.95	28.6	11.63	28.0	11.31	27.4	10.68

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	89.7	24.72	88.0	23.39	86.3	22.07	85.5	21.52	83.8	20.97	82.0	19.88
	13.0	11.8	89.7	25.04	88.0	23.69	86.3	22.35	85.5	21.80	83.8	21.24	82.0	20.13
	11.0	9.8	89.7	25.39	88.0	24.03	86.3	22.67	85.5	22.10	83.8	21.54	82.0	20.42
	9.0	7.9	89.7	25.75	88.0	24.37	86.3	22.99	85.5	22.42	83.8	21.84	82.0	20.70
	8.3	6.1	89.7	26.11	88.0	24.71	86.3	23.31	85.5	22.73	83.8	22.14	82.0	20.98
	5.0	4.1	89.7	26.53	88.0	25.11	86.3	23.69	85.5	23.09	83.8	22.50	82.0	21.31
	2.5	1.7	89.7	27.07	88.0	25.62	86.3	24.17	85.5	23.57	83.8	22.96	82.0	21.75
	0.0	-0.7	89.7	27.66	88.0	26.18	86.3	24.70	85.5	24.08	83.8	23.46	82.0	22.21
	-3.0	-3.7	89.7	28.47	88.0	26.95	86.3	25.43	85.5	24.79	83.8	24.14	82.0	22.86
	-5.0	-5.6	86.3	27.88	84.6	26.39	83.0	24.90	82.2	24.27	80.5	23.64	78.9	22.38
	-7.0	-7.6	82.2	27.12	80.7	25.67	79.1	24.22	78.3	23.61	76.8	22.99	75.2	21.76
	-10.0	-10.5	76.4	25.99	74.9	24.60	73.5	23.22	72.8	22.62	71.3	22.03	69.8	20.84
	-14.5	-15.0	67.3	24.17	66.0	22.89	64.7	21.60	64.1	21.04	62.8	20.49	61.5	19.37
	-19.5	-20.0	55.6	21.42	54.6	20.28	53.5	19.15	53.0	18.65	51.9	18.15	50.9	17.15
	-22.8	-23.0	46.5	18.75	45.6	17.76	44.7	16.77	44.3	16.33	43.4	15.89	42.5	15.01
	-24.8	-25.0	40.4	16.86	39.6	15.96	38.8	15.07	38.5	14.68	37.7	14.28	36.9	13.49
	-27.4	-28.0	31.2	13.79	30.6	13.06	30.0	12.34	29.7	12.01	29.1	11.68	28.6	11.03
	-29.9	-30.0	25.1	11.57	24.6	10.96	24.2	10.35	23.9	10.07	23.5	9.80	23.0	9.25
80	15.0	13.7	79.8	21.74	78.2	20.57	76.7	19.41	76.0	18.93	74.4	18.45	72.9	17.49
	13.0	11.8	79.8	22.02	78.2	20.84	76.7	19.66	76.0	19.17	74.4	18.68	72.9	17.71
	11.0	9.8	79.8	22.33	78.2	21.13	76.7	19.94	76.0	19.44	74.4	18.94	72.9	17.95
	9.0	7.9	79.8	22.64	78.2	21.43	76.7	20.22	76.0	19.71	74.4	19.21	72.9	18.20
	8.3	6.1	79.8	22.96	78.2	21.73	76.7	20.50	76.0	19.99	74.4	19.47	72.9	18.45
	5.0	4.1	79.8	23.33	78.2	22.08	76.7	20.83	76.0	20.31	74.4	19.79	72.9	18.75
	2.5	1.7	79.8	23.81	78.2	22.53	76.7	21.26	76.0	20.73	74.4	20.19	72.9	19.12
	0.0	-0.7	79.8	24.33	78.2	23.03	76.7	21.73	76.0	21.18	74.4	20.63	72.9	19.54
	-3.0	-3.7	79.8	25.04	78.2	23.70	76.7	22.37	76.0	21.80	74.4	21.23	72.9	20.10
	-5.0	-5.6	76.7	24.52	75.2	23.21	73.8	21.90	73.0	21.35	71.6	20.79	70.1	19.68
	-7.0	-7.6	73.1	23.85	71.7	22.58	70.3	21.30	69.6	20.76	68.2	20.22	66.8	19.13
	-10.0	-10.5	67.9	22.85	66.6	21.64	65.3	20.42	64.7	19.90	63.4	19.37	62.1	18.33
	-14.5	-15.0	59.8	21.26	58.7	20.13	57.5	19.00	57.0	18.51	55.8	18.02	54.7	17.04
	-19.5	-20.0	49.5	18.84	48.5	17.84	47.6	16.84	47.1	16.40	46.2	15.96	45.2	15.09
	-22.8	-23.0	41.3	16.49	40.5	15.62	39.7	14.74	39.4	14.36	38.6	13.97	37.8	13.20
	-24.8	-25.0	35.9	14.82	35.2	14.04	34.5	13.26	34.2	12.91	33.5	12.56	32.8	11.86
	-27.4	-28.0	27.8	12.13	27.2	11.49	26.7	10.85	26.4	10.56	25.9	10.27	25.4	9.70
	-29.9	-30.0	22.3	10.18	21.9	9.64	21.5	9.10	21.3	8.86	20.8	8.62	20.4	8.13
70	15.0	13.7	69.8	18.82	68.5	17.81	67.1	16.80	66.5	16.39	65.1	15.97	63.8	15.14
	13.0	11.8	69.8	19.07	68.5	18.04	67.1	17.02	66.5	16.60	65.1	16.17	63.8	15.33
	11.0	9.8	69.8	19.33	68.5	18.30	67.1	17.26	66.5	16.83	65.1	16.40	63.8	15.54
	9.0	7.9	69.8	19.61	68.5	18.55	67.1	17.50	66.5	17.07	65.1	16.63	63.8	15.76
	8.3	6.1	69.8	19.88	68.5	18.81	67.1	17.75	66.5	17.30	65.1	16.86	63.8	15.98
	5.0	4.1	69.8	20.20	68.5	19.12	67.1	18.04	66.5	17.58	65.1	17.13	63.8	16.23
	2.5	1.7	69.8	20.61	68.5	19.51	67.1	18.41	66.5	17.94	65.1	17.48	63.8	16.56
	0.0	-0.7	69.8	21.06	68.5	19.94	67.1	18.81	66.5	18.34	65.1	17.86	63.8	16.91
	-3.0	-3.7	69.8	21.68	68.5	20.52	67.1	19.36	66.5	18.87	65.1	18.38	63.8	17.40
	-5.0	-5.6	67.1	21.23	65.8	20.10	64.6	18.96	63.9	18.48	62.6	18.00	61.4	17.04
	-7.0	-7.6	64.0	20.65	62.7	19.55	61.5	18.44	60.9	17.98	59.7	17.51	58.5	16.57
	-10.0	-10.5	59.4	19.79	58.3	18.73	57.1	17.68	56.6	17.23	55.5	16.77	54.3	15.87
	-14.5	-15.0	52.3	18.41	51.3	17.43	50.4	16.45	49.9	16.02	48.9	15.60	47.9	14.75
	-19.5	-20.0	43.3	16.31	42.4	15.45	41.6	14.58	41.2	14.20	40.4	13.82	39.6	13.06
	-22.8	-23.0	36.2	14.28	35.5	13.52	34.8	12.77	34.4	12.43	33.7	12.10	33.1	11.43
	-24.8	-25.0	31.4	12.84	30.8	12.16	30.2	11.48	29.9	11.17	29.3	10.87	28.7	10.27
	-27.4	-28.0	24.3	10.50	23.8	9.95	23.4	9.39	23.1	9.14	22.7	8.90	22.2	8.40
	-29.9	-30.0	19.5	8.81	19.2	8.35	18.8	7.88	18.6	7.67	18.2	7.46	17.9	7.04

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP3121FT6P-UL/MMY-UP3121FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	108.0	30.40	106.0	28.77	103.9	27.13	102.9	26.46	100.8	25.79	98.8	24.45
	13.0	11.8	108.0	30.79	106.0	29.14	103.9	27.48	102.9	26.80	100.8	26.12	98.8	24.76
	11.0	9.8	108.0	31.23	106.0	29.55	103.9	27.87	102.9	27.18	100.8	26.49	98.8	25.10
	9.0	7.9	108.0	31.66	106.0	29.97	103.9	28.27	102.9	27.56	100.8	26.86	98.8	25.45
	8.3	6.1	108.0	32.10	106.0	30.38	103.9	28.66	102.9	27.95	100.8	27.23	98.8	25.80
	5.0	4.1	108.0	32.62	106.0	30.87	103.9	29.13	102.9	28.40	100.8	27.67	98.8	26.21
	2.5	1.7	108.0	33.29	106.0	31.51	103.9	29.73	102.9	28.98	100.8	28.23	98.8	26.74
	0.0	-0.7	102.6	32.28	100.7	30.55	98.7	28.82	97.8	28.10	95.8	27.37	93.8	25.92
	-3.0	-3.7	95.8	30.95	94.0	29.30	92.2	27.65	91.3	26.95	89.5	26.25	87.6	24.85
	-5.0	-5.6	91.5	30.10	89.8	28.49	88.0	26.89	87.2	26.20	85.4	25.52	83.7	24.16
	-7.0	-7.6	87.0	29.19	85.3	27.63	83.7	26.08	82.9	25.41	81.2	24.75	79.5	23.42
	-10.0	-10.5	80.4	27.84	78.9	26.36	77.4	24.87	76.6	24.24	75.1	23.60	73.5	22.33
	-14.5	-15.0	70.2	25.66	68.9	24.29	67.5	22.93	66.9	22.34	65.5	21.75	64.2	20.56
	-19.5	-20.0	57.2	22.43	56.2	21.24	55.1	20.04	54.5	19.52	53.4	19.00	52.3	17.96
	-22.8	-23.0	48.8	20.06	47.9	18.99	47.0	17.93	46.5	17.46	45.6	16.99	44.6	16.05
	-24.8	-25.0	43.2	18.38	42.4	17.40	41.6	16.43	41.1	16.00	40.3	15.57	39.5	14.70
	-27.4	-28.0	34.8	15.67	34.1	14.84	33.5	14.01	33.1	13.64	32.5	13.27	31.8	12.53
	-29.9	-30.0	29.2	13.71	28.6	12.99	28.1	12.27	27.8	11.94	27.2	11.61	26.7	10.96
110	15.0	13.7	110.2	30.54	108.1	28.90	106.0	27.26	104.9	26.59	102.8	25.91	100.7	24.56
	13.0	11.8	110.2	30.93	108.1	29.27	106.0	27.61	104.9	26.93	102.8	26.24	100.7	24.87
	11.0	9.8	110.2	31.37	108.1	29.69	106.0	28.00	104.9	27.31	102.8	26.61	100.7	25.22
	9.0	7.9	110.2	31.81	108.1	30.11	106.0	28.40	104.9	27.69	102.8	26.98	100.7	25.57
	8.3	6.1	110.2	32.25	108.1	30.52	106.0	28.80	104.9	28.08	102.8	27.36	100.7	25.92
	5.0	4.1	110.2	32.77	108.1	31.02	106.0	29.26	104.9	28.53	102.8	27.80	100.7	26.33
	2.5	1.7	110.2	33.44	108.1	31.65	106.0	29.86	104.9	29.11	102.8	28.36	100.7	26.86
	0.0	-0.7	104.7	32.43	102.7	30.69	100.7	28.96	99.7	28.23	97.7	27.50	95.7	26.04
	-3.0	-3.7	97.8	31.10	95.9	29.44	94.0	27.77	93.1	27.07	91.2	26.37	89.4	24.96
	-5.0	-5.6	93.4	30.24	91.6	28.63	89.8	27.01	88.9	26.33	87.1	25.64	85.4	24.27
	-7.0	-7.6	88.7	29.33	87.0	27.76	85.4	26.20	84.5	25.53	82.8	24.86	81.1	23.53
	-10.0	-10.5	82.0	27.97	80.5	26.48	78.9	24.99	78.1	24.35	76.6	23.71	75.0	22.43
	-14.5	-15.0	71.6	25.78	70.3	24.41	68.9	23.03	68.2	22.44	66.8	21.85	65.5	20.66
	-19.5	-20.0	58.4	22.53	57.3	21.33	56.2	20.14	55.6	19.61	54.5	19.09	53.4	18.04
	-22.8	-23.0	49.8	20.15	48.9	19.08	47.9	18.01	47.4	17.54	46.5	17.07	45.5	16.13
	-24.8	-25.0	44.1	18.46	43.2	17.49	42.4	16.51	42.0	16.07	41.1	15.64	40.3	14.77
	-27.4	-28.0	35.5	15.74	34.8	14.91	34.1	14.08	33.8	13.71	33.1	13.33	32.4	12.59
	-29.9	-30.0	29.7	13.78	29.2	13.05	28.6	12.32	28.3	11.99	27.8	11.67	27.2	11.01
120	15.0	13.7	113.4	30.97	111.3	29.31	109.1	27.65	108.0	26.96	105.9	26.28	103.7	24.91
	13.0	11.8	113.4	31.37	111.3	29.69	109.1	28.00	108.0	27.31	105.9	26.61	103.7	25.23
	11.0	9.8	113.4	31.81	111.3	30.11	109.1	28.40	108.0	27.70	105.9	26.99	103.7	25.58
	9.0	7.9	113.4	32.26	111.3	30.53	109.1	28.80	108.0	28.08	105.9	27.37	103.7	25.93
	8.3	6.1	113.4	32.71	111.3	30.96	109.1	29.20	108.0	28.47	105.9	27.74	103.7	26.29
	5.0	4.1	113.4	33.24	111.3	31.46	109.1	29.68	108.0	28.93	105.9	28.19	103.7	26.71
	2.5	1.7	113.4	33.92	111.3	32.10	109.1	30.29	108.0	29.53	105.9	28.77	103.7	27.25
	0.0	-0.7	107.8	32.88	105.7	31.13	103.7	29.37	102.6	28.63	100.6	27.89	98.5	26.41
	-3.0	-3.7	100.6	31.54	98.7	29.85	96.8	28.17	95.8	27.45	93.9	26.74	92.0	25.32
	-5.0	-5.6	96.1	30.67	94.3	29.03	92.4	27.39	91.5	26.70	89.7	26.00	87.9	24.61
	-7.0	-7.6	91.3	29.74	89.6	28.15	87.9	26.57	87.0	25.89	85.3	25.21	83.5	23.86
	-10.0	-10.5	84.4	28.36	82.8	26.85	81.2	25.34	80.4	24.69	78.8	24.04	77.2	22.75
	-14.5	-15.0	73.7	26.14	72.3	24.75	70.9	23.36	70.2	22.76	68.8	22.16	67.4	20.95
	-19.5	-20.0	60.1	22.85	59.0	21.64	57.8	20.42	57.2	19.89	56.1	19.36	55.0	18.30
	-22.8	-23.0	51.3	20.43	50.3	19.35	49.3	18.27	48.8	17.79	47.8	17.31	46.9	16.35
	-24.8	-25.0	45.4	18.72	44.5	17.73	43.6	16.74	43.2	16.30	42.3	15.86	41.5	14.98
	-27.4	-28.0	36.5	15.97	35.8	15.12	35.1	14.28	34.8	13.90	34.1	13.52	33.4	12.77
	-29.9	-30.0	30.6	13.97	30.0	13.23	29.5	12.50	29.2	12.16	28.6	11.83	28.0	11.17
130	15.0	13.7	116.1	31.25	113.9	29.57	111.7	27.89	110.6	27.20	108.4	26.51	106.2	25.13
	13.0	11.8	116.1	31.65	113.9	29.95	111.7	28.25	110.6	27.55	108.4	26.85	106.2	25.45
	11.0	9.8	116.1	32.10	113.9	30.37	111.7	28.65	110.6	27.94	108.4	27.23	106.2	25.80
	9.0	7.9	116.1	32.55	113.9	30.80	111.7	29.06	110.6	28.33	108.4	27.61	106.2	26.16
	8.3	6.1	116.1	33.00	113.9	31.23	111.7	29.46	110.6	28.73	108.4	27.99	106.2	26.52
	5.0	4.1	116.1	33.53	113.9	31.74	111.7	29.94	110.6	29.19	108.4	28.44	106.2	26.94
	2.5	1.7	116.1	34.22	113.9	32.39	111.7	30.56	110.6	29.79	108.4	29.02	106.2	27.49
	0.0	-0.7	110.3	33.18	108.2	31.40	106.1	29.63	105.1	28.88	103.0	28.13	100.9	26.64
	-3.0	-3.7	103.0	31.82	101.1	30.12	99.1	28.42	98.1	27.70	96.2	26.98	94.2	25.54
	-5.0	-5.6	98.4	30.94	96.5	29.29	94.6	27.64	93.7	26.94	91.8	26.23	90.0	24.83
	-7.0	-7.6	93.5	30.00	91.7	28.40	90.0	26.80	89.1	26.12	87.3	25.44	85.5	24.07
	-10.0	-10.5	86.4	28.62	84.8	27.09	83.2	25.57	82.3	24.91	80.7	24.26	79.0	22.95
	-14.5	-15.0	75.5	26.37	74.0	24.97	72.6	23.57	71.9	22.96	70.4	22.35	69.0	21.14
	-19.5	-20.0	61.5	23.05	60.4	21.83	59.2	20.60	58.6	20.07	57.4	19.53	56.3	18.46
	-22.8	-23.0	52.5	20.62	51.5	19.52	50.5	18.43	50.0	17.95	49.0	17.46	48.0	16.50
	-24.8	-25.0	46.4	18.89	45.6	17.89	44.7	16.89	44.2	16.45	43.4	16.00	42.5	15.11
	-27.4	-28.0	37.4	16.11	36.7	15.26	36.0	14.41	35.6	14.02	34.9	13.64	34.2	12.88
	-29.9	-30.0	31.4	14.10	30.8	13.35	30.2	12.61	29.9	12.27	29.3	11.94	28.7	11.27

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	97.2	27.07	95.4	25.61	93.5	24.16	92.6	23.56	90.7	22.96	88.9	21.77
	13.0	11.8	97.2	27.41	95.4	25.94	93.5	24.47	92.6	23.86	90.7	23.26	88.9	22.04
	11.0	9.8	97.2	27.80	95.4	26.31	93.5	24.82	92.6	24.20	90.7	23.58	88.9	22.35
	9.0	7.9	97.2	28.19	95.4	26.68	93.5	25.17	92.6	24.54	90.7	23.91	88.9	22.66
	8.3	6.1	97.2	28.58	95.4	27.05	93.5	25.52	92.6	24.88	90.7	24.24	88.9	22.97
	5.0	4.1	97.2	29.04	95.4	27.49	93.5	25.93	92.6	25.28	90.7	24.63	88.9	23.34
	2.5	1.7	97.2	29.64	95.4	28.05	93.5	26.47	92.6	25.80	90.7	25.14	88.9	23.81
	0.0	-0.7	92.4	28.74	90.6	27.20	88.9	25.66	88.0	25.02	86.2	24.37	84.5	23.08
	-3.0	-3.7	86.3	27.56	84.6	26.09	83.0	24.61	82.2	23.99	80.5	23.37	78.9	22.12
	-5.0	-5.6	82.4	26.80	80.8	25.37	79.2	23.94	78.5	23.33	76.9	22.72	75.3	21.51
	-7.0	-7.6	78.3	25.99	76.8	24.60	75.3	23.22	74.6	22.62	73.1	22.03	71.6	20.85
	-10.0	-10.5	72.4	24.79	71.0	23.47	69.6	22.14	68.9	21.58	67.6	21.01	66.2	19.88
	-14.5	-15.0	63.2	22.84	62.0	21.63	60.8	20.41	60.2	19.89	59.0	19.36	57.8	18.31
	-19.5	-20.0	51.5	19.97	50.5	18.91	49.6	17.85	49.1	17.38	48.1	16.92	47.1	15.99
	-22.8	-23.0	43.9	17.86	43.1	16.91	42.3	15.96	41.8	15.55	41.0	15.13	40.2	14.29
	-24.8	-25.0	38.9	16.36	38.1	15.50	37.4	14.63	37.0	14.24	36.3	13.86	35.6	13.09
	-27.4	-28.0	31.3	13.95	30.7	13.22	30.1	12.48	29.8	12.15	29.2	11.82	28.6	11.16
	-29.9	-30.0	26.2	12.21	25.7	11.57	25.2	10.92	25.0	10.63	24.5	10.34	24.0	9.76
80	15.0	13.7	86.4	23.80	84.8	22.52	83.1	21.25	82.3	20.72	80.7	20.20	79.0	19.14
	13.0	11.8	86.4	24.11	84.8	22.81	83.1	21.52	82.3	20.99	80.7	20.45	79.0	19.39
	11.0	9.8	86.4	24.45	84.8	23.14	83.1	21.83	82.3	21.28	80.7	20.74	79.0	19.66
	9.0	7.9	86.4	24.79	84.8	23.46	83.1	22.13	82.3	21.58	80.7	21.03	79.0	19.93
	8.3	6.1	86.4	25.14	84.8	23.79	83.1	22.44	82.3	21.88	80.7	21.32	79.0	20.20
	5.0	4.1	86.4	25.54	84.8	24.17	83.1	22.81	82.3	22.24	80.7	21.67	79.0	20.52
	2.5	1.7	86.4	26.07	84.8	24.67	83.1	23.28	82.3	22.69	80.7	22.11	79.0	20.94
	0.0	-0.7	82.1	25.27	80.6	23.92	79.0	22.57	78.2	22.00	76.6	21.43	75.1	20.29
	-3.0	-3.7	76.7	24.24	75.2	22.94	73.8	21.65	73.0	21.10	71.6	20.55	70.1	19.46
	-5.0	-5.6	73.2	23.57	71.8	22.31	70.4	21.05	69.7	20.52	68.3	19.98	66.9	18.92
	-7.0	-7.6	69.6	22.86	68.3	21.64	66.9	20.42	66.3	19.90	65.0	19.38	63.6	18.34
	-10.0	-10.5	64.3	21.80	63.1	20.64	61.9	19.47	61.3	18.98	60.0	18.48	58.8	17.48
	-14.5	-15.0	56.2	20.09	55.1	19.02	54.0	17.95	53.5	17.49	52.4	17.03	51.4	16.10
	-19.5	-20.0	45.8	17.56	44.9	16.63	44.1	15.70	43.6	15.29	42.7	14.88	41.9	14.06
	-22.8	-23.0	39.1	15.70	38.3	14.87	37.6	14.04	37.2	13.67	36.5	13.30	35.7	12.57
	-24.8	-25.0	34.6	14.39	33.9	13.63	33.2	12.87	32.9	12.53	32.3	12.19	31.6	11.51
	-27.4	-28.0	27.8	12.27	27.3	11.62	26.8	10.97	26.5	10.68	26.0	10.39	25.4	9.81
	-29.9	-30.0	23.3	10.74	22.9	10.17	22.4	9.60	22.2	9.35	21.8	9.09	21.3	8.58
70	15.0	13.7	75.6	20.61	74.2	19.50	72.7	18.40	72.0	17.94	70.6	17.49	69.1	16.58
	13.0	11.8	75.6	20.87	74.2	19.75	72.7	18.63	72.0	18.17	70.6	17.71	69.1	16.79
	11.0	9.8	75.6	21.17	74.2	20.03	72.7	18.90	72.0	18.43	70.6	17.96	69.1	17.02
	9.0	7.9	75.6	21.47	74.2	20.31	72.7	19.16	72.0	18.69	70.6	18.21	69.1	17.25
	8.3	6.1	75.6	21.76	74.2	20.60	72.7	19.43	72.0	18.95	70.6	18.46	69.1	17.49
	5.0	4.1	75.6	22.12	74.2	20.93	72.7	19.75	72.0	19.25	70.6	18.76	69.1	17.77
	2.5	1.7	75.6	22.57	74.2	21.36	72.7	20.15	72.0	19.65	70.6	19.14	69.1	18.13
	0.0	-0.7	71.9	21.88	70.5	20.71	69.1	19.54	68.4	19.05	67.1	18.56	65.7	17.57
	-3.0	-3.7	67.1	20.98	65.8	19.86	64.5	18.74	63.9	18.27	62.6	17.79	61.3	16.84
	-5.0	-5.6	64.1	20.41	62.9	19.32	61.6	18.23	61.0	17.77	59.8	17.30	58.6	16.38
	-7.0	-7.6	60.9	19.79	59.7	18.73	58.6	17.68	58.0	17.23	56.8	16.78	55.7	15.88
	-10.0	-10.5	56.3	18.87	55.2	17.87	54.1	16.86	53.6	16.43	52.5	16.00	51.5	15.14
	-14.5	-15.0	49.1	17.39	48.2	16.47	47.3	15.54	46.8	15.14	45.9	14.74	44.9	13.94
	-19.5	-20.0	40.1	15.20	39.3	14.40	38.5	13.59	38.2	13.24	37.4	12.88	36.6	12.17
	-22.8	-23.0	34.2	13.60	33.5	12.88	32.9	12.16	32.5	11.84	31.9	11.52	31.2	10.88
	-24.8	-25.0	30.2	12.46	29.7	11.80	29.1	11.14	28.8	10.85	28.2	10.55	27.7	9.97
	-27.4	-28.0	24.3	10.62	23.9	10.06	23.4	9.50	23.2	9.25	22.7	9.00	22.3	8.49
	-29.9	-30.0	20.4	9.30	20.0	8.81	19.6	8.32	19.4	8.09	19.1	7.87	18.7	7.43

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP3361FT6P-UL/MMY-UP3361FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	116.3	34.00	114.1	32.18	111.9	30.35	110.8	29.60	108.6	28.85	106.4	27.35
	13.0	11.8	116.3	34.44	114.1	32.59	111.9	30.74	110.8	29.98	108.6	29.22	106.4	27.70
	11.0	9.8	116.3	34.93	114.1	33.05	111.9	31.18	110.8	30.41	108.6	29.63	106.4	28.08
	9.0	7.9	116.3	35.42	114.1	33.52	111.9	31.62	110.8	30.83	108.6	30.04	106.4	28.47
	8.3	6.1	116.3	35.80	114.1	33.98	111.9	32.06	110.8	31.26	108.6	30.46	106.4	28.86
	5.0	4.1	116.3	35.80	114.1	34.53	111.9	32.58	110.8	31.77	108.6	30.95	106.4	29.32
	2.5	1.7	116.3	35.80	114.1	35.24	111.9	33.25	110.8	32.42	108.6	31.58	106.4	29.91
	0.0	-0.7	110.5	35.80	108.4	34.17	106.3	32.24	105.3	31.43	103.2	30.62	101.1	28.99
	-3.0	-3.7	103.2	34.62	101.2	32.77	99.3	30.92	98.3	30.14	96.3	29.36	94.4	27.79
	-5.0	-5.6	98.6	33.67	96.7	31.87	94.8	30.08	93.9	29.31	92.0	28.55	90.1	27.02
	-7.0	-7.6	93.7	32.65	91.9	30.91	90.1	29.17	89.2	28.42	87.4	27.68	85.7	26.20
	-10.0	-10.5	86.6	31.14	85.0	29.48	83.3	27.82	82.5	27.11	80.8	26.40	79.2	24.97
	-14.5	-15.0	75.6	28.70	74.2	27.17	72.7	25.65	72.0	24.99	70.6	24.32	69.1	23.00
	-19.5	-20.0	61.7	25.08	60.5	23.75	59.3	22.42	58.7	21.84	57.5	21.25	56.4	20.09
	-22.8	-23.0	52.6	22.43	51.6	21.25	50.6	20.06	50.1	19.53	49.1	19.01	48.1	17.95
	-24.8	-25.0	46.5	20.56	45.6	19.47	44.8	18.38	44.3	17.90	43.4	17.41	42.5	16.45
	-27.4	-28.0	37.5	17.53	36.7	16.60	36.0	15.68	35.7	15.26	35.0	14.85	34.2	14.02
	-29.9	-30.0	31.4	15.34	30.8	14.53	30.2	13.72	29.9	13.35	29.3	12.99	28.7	12.26
110	15.0	13.7	118.7	34.16	116.4	32.33	114.1	30.49	113.0	29.74	110.7	28.98	108.5	27.48
	13.0	11.8	118.7	34.60	116.4	32.74	114.1	30.89	113.0	30.12	110.7	29.36	108.5	27.82
	11.0	9.8	118.7	35.09	116.4	33.21	114.1	31.33	113.0	30.55	110.7	29.77	108.5	28.21
	9.0	7.9	118.7	35.58	116.4	33.67	114.1	31.77	113.0	30.98	110.7	30.18	108.5	28.60
	8.3	6.1	118.7	35.97	116.4	34.14	114.1	32.21	113.0	31.41	110.7	30.60	108.5	28.99
	5.0	4.1	118.7	35.97	116.4	34.70	114.1	32.73	113.0	31.91	110.7	31.09	108.5	29.46
	2.5	1.7	118.7	35.97	116.4	35.41	114.1	33.41	113.0	32.57	110.7	31.73	108.5	30.05
	0.0	-0.7	112.8	35.97	110.6	34.33	108.5	32.39	107.4	31.57	105.2	30.76	103.1	29.13
	-3.0	-3.7	105.3	34.78	103.3	32.93	101.3	31.07	100.3	30.28	98.3	29.50	96.3	27.92
	-5.0	-5.6	100.5	33.83	98.6	32.02	96.7	30.22	95.8	29.45	93.8	28.68	91.9	27.15
	-7.0	-7.6	95.6	32.80	93.7	31.05	91.9	29.30	91.0	28.56	89.2	27.81	87.4	26.32
	-10.0	-10.5	88.3	31.28	86.7	29.62	85.0	27.95	84.1	27.23	82.4	26.52	80.8	25.09
	-14.5	-15.0	77.1	28.83	75.7	27.30	74.2	25.77	73.5	25.10	72.0	24.44	70.5	23.11
	-19.5	-20.0	62.9	25.20	61.7	23.86	60.5	22.53	59.9	21.94	58.7	21.35	57.5	20.18
	-22.8	-23.0	53.6	22.54	52.6	21.34	51.6	20.15	51.1	19.62	50.1	19.09	49.0	18.04
	-24.8	-25.0	47.5	20.65	46.6	19.56	45.7	18.47	45.2	17.98	44.3	17.49	43.4	16.52
	-27.4	-28.0	38.2	17.61	37.5	16.68	36.8	15.75	36.4	15.33	35.7	14.92	34.9	14.08
	-29.9	-30.0	32.0	15.41	31.4	14.60	30.8	13.78	30.5	13.42	29.9	13.05	29.3	12.32
120	15.0	13.7	122.1	34.65	119.8	32.78	117.5	30.92	116.3	30.16	114.0	29.39	111.7	27.87
	13.0	11.8	122.1	35.09	119.8	33.21	117.5	31.32	116.3	30.55	114.0	29.77	111.7	28.22
	11.0	9.8	122.1	35.59	119.8	33.68	117.5	31.77	116.3	30.98	114.0	30.19	111.7	28.61
	9.0	7.9	122.1	36.09	119.8	34.15	117.5	32.22	116.3	31.41	114.0	30.61	111.7	29.01
	8.3	6.1	122.1	36.48	119.8	34.63	117.5	32.67	116.3	31.85	114.0	31.03	111.7	29.40
	5.0	4.1	122.1	36.48	119.8	35.19	117.5	33.20	116.3	32.36	114.0	31.53	111.7	29.87
	2.5	1.7	122.1	36.48	119.8	35.91	117.5	33.88	116.3	33.03	114.0	32.18	111.7	30.48
	0.0	-0.7	116.1	36.48	113.9	34.82	111.6	32.85	110.5	32.02	108.3	31.19	106.1	29.54
	-3.0	-3.7	108.4	35.28	106.3	33.39	104.2	31.51	103.2	30.71	101.2	29.91	99.1	28.32
	-5.0	-5.6	103.5	34.31	101.5	32.47	99.6	30.64	98.6	29.86	96.6	29.09	94.6	27.53
	-7.0	-7.6	98.4	33.27	96.5	31.49	94.6	29.72	93.7	28.96	91.8	28.20	89.9	26.69
	-10.0	-10.5	90.9	31.73	89.2	30.04	87.5	28.35	86.6	27.62	84.9	26.89	83.1	25.44
	-14.5	-15.0	79.4	29.24	77.9	27.69	76.4	26.13	75.6	25.46	74.1	24.78	72.6	23.43
	-19.5	-20.0	64.7	25.56	63.5	24.20	62.3	22.84	61.7	22.25	60.4	21.65	59.2	20.47
	-22.8	-23.0	55.2	22.86	54.2	21.65	53.1	20.44	52.6	19.90	51.5	19.36	50.5	18.29
	-24.8	-25.0	48.9	20.94	47.9	19.84	47.0	18.73	46.5	18.23	45.6	17.74	44.7	16.76
	-27.4	-28.0	39.3	17.86	38.6	16.92	37.8	15.97	37.5	15.55	36.7	15.13	36.0	14.28
	-29.9	-30.0	33.0	15.63	32.3	14.80	31.7	13.98	31.4	13.61	30.8	13.23	30.2	12.49
130	15.0	13.7	125.0	34.95	122.7	33.07	120.3	31.20	119.1	30.43	116.7	29.65	114.3	28.11
	13.0	11.8	125.0	35.40	122.7	33.50	120.3	31.60	119.1	30.82	116.7	30.03	114.3	28.47
	11.0	9.8	125.0	35.90	122.7	33.98	120.3	32.05	119.1	31.25	116.7	30.46	114.3	28.86
	9.0	7.9	125.0	36.41	122.7	34.45	120.3	32.50	119.1	31.69	116.7	30.88	114.3	29.26
	8.3	6.1	125.0	36.80	122.7	34.93	120.3	32.95	119.1	32.13	116.7	31.31	114.3	29.66
	5.0	4.1	125.0	36.80	122.7	35.50	120.3	33.49	119.1	32.65	116.7	31.81	114.3	30.14
	2.5	1.7	125.0	36.80	122.7	36.23	120.3	34.18	119.1	33.32	116.7	32.46	114.3	30.75
	0.0	-0.7	118.8	36.80	116.6	35.12	114.3	33.14	113.2	32.30	110.9	31.47	108.6	29.80
	-3.0	-3.7	111.0	35.59	108.8	33.69	106.7	31.79	105.7	30.98	103.6	30.18	101.4	28.57
	-5.0	-5.6	106.0	34.61	103.9	32.76	101.9	30.91	100.9	30.13	98.9	29.34	96.9	27.77
	-7.0	-7.6	100.7	33.56	98.8	31.77	96.9	29.98	95.9	29.22	94.0	28.45	92.1	26.93
	-10.0	-10.5	93.1	32.01	91.3	30.30	89.6	28.60	88.7	27.86	86.9	27.13	85.1	25.67
	-14.5	-15.0	81.3	29.50	79.7	27.93	78.2	26.36	77.4	25.68	75.9	25.00	74.3	23.64
	-19.5	-20.0	66.3	25.78	65.0	24.42	63.8	23.05	63.1	22.45	61.9	21.85	60.6	20.65
	-22.8	-23.0	56.5	23.06	55.4	21.84	54.4	20.62	53.8	20.08	52.8	19.54	51.7	18.46
	-24.8	-25.0	50.0	21.13	49.1	20.01	48.1	18.89	47.6	18.40	46.7	17.90	45.7	16.90
	-27.4	-28.0	40.3	18.02	39.5	17.07	38.7	16.11	38.3	15.69	37.6	15.26	36.8	14.41
	-29.9	-30.0	33.8	15.77	33.1	14.94	32.5	14.10	32.2	13.73	31.5	13.35	30.9	12.60

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	104.7	30.27	102.7	28.65	100.7	27.02	99.7	26.35	97.7	25.69	95.7	24.35
	13.0	11.8	104.7	30.66	102.7	29.02	100.7	27.37	99.7	26.69	97.7	26.02	95.7	24.66
	11.0	9.8	104.7	31.10	102.7	29.43	100.7	27.76	99.7	27.07	97.7	26.38	95.7	25.00
	9.0	7.9	104.7	31.53	102.7	29.84	100.7	28.15	99.7	27.45	97.7	26.75	95.7	25.35
	8.3	6.1	104.7	31.87	102.7	30.26	100.7	28.54	99.7	27.83	97.7	27.12	95.7	25.69
	5.0	4.1	104.7	31.87	102.7	30.75	100.7	29.01	99.7	28.28	97.7	27.56	95.7	26.10
	2.5	1.7	104.7	31.87	102.7	31.38	100.7	29.61	99.7	28.86	97.7	28.12	95.7	26.63
	0.0	-0.7	99.5	31.87	97.6	30.42	95.7	28.71	94.8	27.98	92.9	27.26	91.0	25.81
	-3.0	-3.7	92.9	30.83	91.1	29.18	89.4	27.53	88.5	26.84	86.7	26.14	84.9	24.75
	-5.0	-5.6	88.7	29.98	87.0	28.38	85.3	26.78	84.5	26.10	82.8	25.42	81.1	24.06
	-7.0	-7.6	84.3	29.07	82.7	27.52	81.1	25.97	80.3	25.31	78.7	24.65	77.1	23.32
	-10.0	-10.5	77.9	27.72	76.5	26.25	75.0	24.77	74.2	24.14	72.7	23.50	71.3	22.23
	-14.5	-15.0	68.0	25.55	66.8	24.19	65.5	22.83	64.8	22.25	63.5	21.66	62.2	20.48
	-19.5	-20.0	55.5	22.33	54.4	21.15	53.4	19.96	52.8	19.44	51.8	18.92	50.7	17.88
	-22.8	-23.0	47.3	19.97	46.4	18.92	45.5	17.86	45.1	17.39	44.2	16.92	43.3	15.99
	-24.8	-25.0	41.9	18.30	41.1	17.33	40.3	16.36	39.9	15.93	39.1	15.50	38.3	14.64
	-27.4	-28.0	33.7	15.61	33.1	14.78	32.4	13.96	32.1	13.59	31.5	13.22	30.8	12.48
	-29.9	-30.0	28.3	13.66	27.7	12.94	27.2	12.22	26.9	11.89	26.4	11.57	25.8	10.91
80	15.0	13.7	93.1	26.63	91.3	25.20	89.5	23.77	88.6	23.18	86.9	22.59	85.1	21.41
	13.0	11.8	93.1	26.97	91.3	25.52	89.5	24.07	88.6	23.48	86.9	22.88	85.1	21.69
	11.0	9.8	93.1	27.35	91.3	25.88	89.5	24.41	88.6	23.81	86.9	23.20	85.1	21.99
	9.0	7.9	93.1	27.73	91.3	26.25	89.5	24.76	88.6	24.14	86.9	23.53	85.1	22.29
	8.3	6.1	93.1	28.03	91.3	26.61	89.5	25.10	88.6	24.48	86.9	23.85	85.1	22.60
	5.0	4.1	93.1	28.03	91.3	27.04	89.5	25.51	88.6	24.87	86.9	24.23	85.1	22.96
	2.5	1.7	93.1	28.03	91.3	27.60	89.5	26.04	88.6	25.38	86.9	24.73	85.1	23.42
	0.0	-0.7	88.4	28.03	86.8	26.76	85.1	25.25	84.2	24.61	82.5	23.97	80.9	22.70
	-3.0	-3.7	82.6	27.11	81.0	25.66	79.4	24.21	78.6	23.60	77.1	22.99	75.5	21.76
	-5.0	-5.6	78.9	26.36	77.4	24.96	75.9	23.55	75.1	22.95	73.6	22.35	72.1	21.16
	-7.0	-7.6	75.0	25.57	73.5	24.20	72.1	22.84	71.4	22.26	70.0	21.68	68.5	20.51
	-10.0	-10.5	69.3	24.38	68.0	23.08	66.6	21.78	66.0	21.23	64.7	20.67	63.3	19.55
	-14.5	-15.0	60.5	22.47	59.3	21.28	58.2	20.08	57.6	19.56	56.5	19.05	55.3	18.01
	-19.5	-20.0	49.3	19.64	48.4	18.60	47.4	17.56	47.0	17.10	46.0	16.64	45.1	15.73
	-22.8	-23.0	42.1	17.57	41.3	16.64	40.5	15.70	40.1	15.29	39.3	14.88	38.5	14.06
	-24.8	-25.0	37.2	16.10	36.5	15.24	35.8	14.39	35.5	14.01	34.7	13.63	34.0	12.88
	-27.4	-28.0	30.0	13.73	29.4	13.00	28.8	12.28	28.5	11.95	28.0	11.62	27.4	10.97
	-29.9	-30.0	25.1	12.01	24.6	11.38	24.2	10.74	23.9	10.46	23.5	10.17	23.0	9.60
70	15.0	13.7	81.4	23.05	79.9	21.81	78.3	20.58	77.5	20.07	76.0	19.56	74.4	18.54
	13.0	11.8	81.4	23.35	79.9	22.10	78.3	20.84	77.5	20.33	76.0	19.81	74.4	18.78
	11.0	9.8	81.4	23.68	79.9	22.41	78.3	21.14	77.5	20.61	76.0	20.09	74.4	19.04
	9.0	7.9	81.4	24.01	79.9	22.72	78.3	21.44	77.5	20.90	76.0	20.37	74.4	19.30
	8.3	6.1	81.4	24.27	79.9	23.04	78.3	21.74	77.5	21.19	76.0	20.65	74.4	19.56
	5.0	4.1	81.4	24.27	79.9	23.41	78.3	22.09	77.5	21.53	76.0	20.98	74.4	19.88
	2.5	1.7	81.4	24.27	79.9	23.89	78.3	22.54	77.5	21.98	76.0	21.41	74.4	20.28
	0.0	-0.7	77.4	24.27	75.9	23.17	74.4	21.86	73.7	21.31	72.2	20.76	70.7	19.65
	-3.0	-3.7	72.3	23.47	70.9	22.22	69.5	20.96	68.8	20.43	67.4	19.90	66.1	18.84
	-5.0	-5.6	69.0	22.83	67.7	21.61	66.4	20.39	65.7	19.87	64.4	19.35	63.1	18.32
	-7.0	-7.6	65.6	22.14	64.3	20.95	63.1	19.77	62.5	19.27	61.2	18.77	60.0	17.76
	-10.0	-10.5	60.6	21.11	59.5	19.99	58.3	18.86	57.7	18.38	56.6	17.90	55.4	16.93
	-14.5	-15.0	52.9	19.46	51.9	18.42	50.9	17.39	50.4	16.94	49.4	16.49	48.4	15.59
	-19.5	-20.0	43.2	17.01	42.3	16.10	41.5	15.20	41.1	14.80	40.3	14.41	39.5	13.62
	-22.8	-23.0	36.8	15.21	36.1	14.40	35.4	13.60	35.1	13.24	34.4	12.88	33.7	12.17
	-24.8	-25.0	32.6	13.94	32.0	13.20	31.3	12.46	31.0	12.13	30.4	11.80	29.8	11.15
	-27.4	-28.0	26.2	11.88	25.7	11.26	25.2	10.63	25.0	10.35	24.5	10.06	24.0	9.50
	-29.9	-30.0	22.0	10.40	21.6	9.85	21.1	9.30	20.9	9.05	20.5	8.81	20.1	8.31

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP3601FT6P-UL/MMY-UP3601FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	124.6	36.74	122.3	34.76	119.9	32.79	118.7	31.98	116.3	31.17	114.0	29.55
	13.0	11.8	124.6	37.21	122.3	35.21	119.9	33.21	118.7	32.39	116.3	31.57	114.0	29.92
	11.0	9.8	124.6	37.73	122.3	35.71	119.9	33.69	118.7	32.85	116.3	32.01	114.0	30.34
	9.0	7.9	124.6	38.26	122.3	36.21	119.9	34.16	118.7	33.31	116.3	32.46	114.0	30.76
	8.3	6.1	124.6	38.80	122.3	36.72	119.9	34.64	118.7	33.77	116.3	32.91	114.0	31.18
	5.0	4.1	124.6	39.42	122.3	37.31	119.9	35.20	118.7	34.32	116.3	33.44	114.0	31.68
	2.5	1.7	124.6	40.23	122.3	38.08	119.9	35.92	118.7	35.02	116.3	34.12	114.0	32.32
	0.0	-0.7	118.4	39.00	116.2	36.92	113.9	34.83	112.8	33.95	110.5	33.08	108.3	31.32
	-3.0	-3.7	110.6	37.41	108.5	35.41	106.4	33.41	105.3	32.56	103.2	31.72	101.1	30.03
	-5.0	-5.6	105.6	36.38	103.6	34.43	101.6	32.49	100.6	31.67	98.6	30.84	96.6	29.19
	-7.0	-7.6	100.4	35.28	98.5	33.39	96.6	31.51	95.6	30.71	93.7	29.91	91.8	28.30
	-10.0	-10.5	92.8	33.64	91.0	31.85	89.3	30.06	88.4	29.29	86.6	28.52	84.8	26.98
	-14.5	-15.0	81.0	31.01	79.5	29.36	77.9	27.71	77.2	26.99	75.6	26.28	74.1	24.85
	-19.5	-20.0	66.1	27.10	64.8	25.66	63.5	24.22	62.9	23.59	61.7	22.96	60.4	21.70
	-22.8	-23.0	56.3	24.24	55.3	22.95	54.2	21.67	53.7	21.10	52.6	20.53	51.5	19.40
	-24.8	-25.0	49.9	22.21	48.9	21.03	48.0	19.86	47.5	19.33	46.5	18.81	45.6	17.77
	-27.4	-28.0	40.1	18.94	39.4	17.94	38.6	16.94	38.2	16.49	37.5	16.04	36.7	15.14
	-29.9	-30.0	33.7	16.57	33.0	15.70	32.4	14.82	32.0	14.43	31.4	14.03	30.8	13.24
110	15.0	13.7	127.1	36.91	124.7	34.93	122.3	32.94	121.1	32.13	118.7	31.31	116.2	29.68
	13.0	11.8	127.1	37.38	124.7	35.38	122.3	33.37	121.1	32.54	118.7	31.72	116.2	30.06
	11.0	9.8	127.1	37.91	124.7	35.88	122.3	33.84	121.1	33.00	118.7	32.16	116.2	30.48
	9.0	7.9	127.1	38.44	124.7	36.38	122.3	34.32	121.1	33.47	118.7	32.61	116.2	30.90
	8.3	6.1	127.1	38.98	124.7	36.89	122.3	34.80	121.1	33.93	118.7	33.06	116.2	31.32
	5.0	4.1	127.1	39.61	124.7	37.48	122.3	35.36	121.1	34.48	118.7	33.59	116.2	31.82
	2.5	1.7	127.1	40.42	124.7	38.25	122.3	36.09	121.1	35.19	118.7	34.28	116.2	32.47
	0.0	-0.7	120.8	39.19	118.5	37.09	116.2	34.99	115.1	34.11	112.8	33.23	110.5	31.47
	-3.0	-3.7	112.8	37.58	110.7	35.57	108.5	33.57	107.4	32.72	105.3	31.87	103.1	30.17
	-5.0	-5.6	107.7	36.55	105.7	34.59	103.6	32.64	102.6	31.82	100.5	30.99	98.5	29.33
	-7.0	-7.6	102.4	35.44	100.4	33.55	98.5	31.66	97.5	30.85	95.6	30.05	93.6	28.43
	-10.0	-10.5	94.6	33.80	92.8	32.00	91.0	30.20	90.1	29.42	88.3	28.65	86.5	27.11
	-14.5	-15.0	82.6	31.15	81.1	29.49	79.5	27.84	78.7	27.12	77.1	26.40	75.5	24.96
	-19.5	-20.0	67.4	27.23	66.1	25.78	64.8	24.34	64.2	23.70	62.9	23.07	61.6	21.80
	-22.8	-23.0	57.5	24.35	56.4	23.06	55.3	21.77	54.7	21.20	53.6	20.63	52.5	19.49
	-24.8	-25.0	50.9	22.31	49.9	21.13	48.9	19.95	48.4	19.42	47.5	18.90	46.5	17.85
	-27.4	-28.0	40.9	19.03	40.2	18.02	39.4	17.02	39.0	16.56	38.2	16.11	37.4	15.21
	-29.9	-30.0	34.3	16.65	33.7	15.77	33.0	14.89	32.7	14.50	32.0	14.10	31.4	13.31
120	15.0	13.7	130.9	37.43	128.4	35.42	125.9	33.41	124.6	32.58	122.1	31.76	119.6	30.11
	13.0	11.8	130.9	37.91	128.4	35.88	125.9	33.84	124.6	33.00	122.1	32.16	119.6	30.49
	11.0	9.8	130.9	38.45	128.4	36.38	125.9	34.32	124.6	33.47	122.1	32.62	119.6	30.91
	9.0	7.9	130.9	38.99	128.4	36.90	125.9	34.81	124.6	33.94	122.1	33.07	119.6	31.34
	8.3	6.1	130.9	39.53	128.4	37.41	125.9	35.29	124.6	34.41	122.1	33.53	119.6	31.77
	5.0	4.1	130.9	40.17	128.4	38.01	125.9	35.86	124.6	34.97	122.1	34.07	119.6	32.27
	2.5	1.7	130.9	40.99	128.4	38.80	125.9	36.60	124.6	35.68	122.1	34.76	119.6	32.93
	0.0	-0.7	124.4	39.74	122.0	37.61	119.6	35.49	118.4	34.60	116.1	33.70	113.7	31.91
	-3.0	-3.7	116.1	38.11	113.9	36.08	111.7	34.04	110.6	33.18	108.4	32.32	106.2	30.59
	-5.0	-5.6	110.9	37.06	108.8	35.08	106.7	33.11	105.6	32.27	103.5	31.43	101.4	29.74
	-7.0	-7.6	105.4	35.94	103.4	34.02	101.4	32.11	100.4	31.29	98.4	30.47	96.4	28.84
	-10.0	-10.5	97.4	34.28	95.6	32.45	93.7	30.62	92.8	29.84	90.9	29.06	89.1	27.49
	-14.5	-15.0	85.1	31.59	83.4	29.91	81.8	28.23	81.0	27.50	79.4	26.77	77.8	25.32
	-19.5	-20.0	69.4	27.61	68.0	26.15	66.7	24.68	66.1	24.04	64.7	23.40	63.4	22.11
	-22.8	-23.0	59.2	24.70	58.0	23.39	56.9	22.08	56.3	21.50	55.2	20.92	54.1	19.76
	-24.8	-25.0	52.3	22.63	51.3	21.43	50.4	20.23	49.9	19.70	48.9	19.17	47.9	18.10
	-27.4	-28.0	42.1	19.30	41.3	18.28	40.5	17.26	40.1	16.80	39.3	16.34	38.5	15.43
	-29.9	-30.0	35.3	16.89	34.7	15.99	34.0	15.10	33.7	14.70	33.0	14.30	32.3	13.49
130	15.0	13.7	134.0	37.76	131.4	35.73	128.9	33.71	127.6	32.87	125.0	32.04	122.5	30.37
	13.0	11.8	134.0	38.25	131.4	36.19	128.9	34.14	127.6	33.29	125.0	32.45	122.5	30.76
	11.0	9.8	134.0	38.79	131.4	36.71	128.9	34.63	127.6	33.77	125.0	32.91	122.5	31.18
	9.0	7.9	134.0	39.33	131.4	37.22	128.9	35.11	127.6	34.24	125.0	33.37	122.5	31.62
	8.3	6.1	134.0	39.88	131.4	37.74	128.9	35.60	127.6	34.71	125.0	33.83	122.5	32.05
	5.0	4.1	134.0	40.52	131.4	38.35	128.9	36.18	127.6	35.28	125.0	34.37	122.5	32.56
	2.5	1.7	134.0	41.35	131.4	39.14	128.9	36.93	127.6	36.00	125.0	35.07	122.5	33.22
	0.0	-0.7	127.3	40.09	124.9	37.95	122.5	35.80	121.3	34.90	118.8	34.00	116.4	32.19
	-3.0	-3.7	118.9	38.45	116.6	36.40	114.4	34.34	113.2	33.47	111.0	32.60	108.7	30.86
	-5.0	-5.6	113.5	37.39	111.4	35.40	109.2	33.40	108.1	32.55	106.0	31.70	103.8	30.01
	-7.0	-7.6	107.9	36.26	105.9	34.32	103.8	32.39	102.8	31.57	100.7	30.74	98.7	29.09
	-10.0	-10.5	99.7	34.58	97.8	32.74	95.9	30.90	95.0	30.10	93.1	29.31	91.2	27.73
	-14.5	-15.0	87.1	31.87	85.4	30.18	83.8	28.48	82.9	27.75	81.3	27.01	79.6	25.54
	-19.5	-20.0	71.0	27.86	69.7	26.38	68.3	24.90	67.6	24.25	66.3	23.60	64.9	22.31
	-22.8	-23.0	60.6	24.91	59.4	23.59	58.3	22.27	57.7	21.69	56.5	21.11	55.4	19.94
	-24.8	-25.0	53.6	22.83	52.6	21.62	51.6	20.41	51.0	19.87	50.0	19.34	49.0	18.26
	-27.4	-28.0	43.1	19.47	42.3	18.44	41.5	17.41	41.1	16.95	40.3	16.49	39.4	15.56
	-29.9	-30.0	36.2	17.03	35.5	16.14	34.8	15.24	34.5	14.83	33.8	14.43	33.1	13.61

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	112.2	32.71	110.0	30.95	107.9	29.20	106.8	28.47	104.7	27.75	102.6	26.31
	13.0	11.8	112.2	33.13	110.0	31.35	107.9	29.57	106.8	28.84	104.7	28.11	102.6	26.64
	11.0	9.8	112.2	33.60	110.0	31.79	107.9	29.99	106.8	29.25	104.7	28.50	102.6	27.01
	9.0	7.9	112.2	34.07	110.0	32.24	107.9	30.42	106.8	29.66	104.7	28.90	102.6	27.39
	8.3	6.1	112.2	34.54	110.0	32.69	107.9	30.84	106.8	30.07	104.7	29.30	102.6	27.76
	5.0	4.1	112.2	35.10	110.0	33.22	107.9	31.34	106.8	30.56	104.7	29.77	102.6	28.20
	2.5	1.7	112.2	35.82	110.0	33.90	107.9	31.98	106.8	31.18	104.7	30.38	102.6	28.77
	0.0	-0.7	106.6	34.73	104.6	32.87	102.5	31.01	101.5	30.23	99.5	29.45	97.5	27.89
	-3.0	-3.7	99.5	33.30	97.6	31.53	95.7	29.75	94.8	28.99	92.9	28.24	91.0	26.73
	-5.0	-5.6	95.1	32.39	93.2	30.66	91.4	28.93	90.5	28.20	88.7	27.46	86.9	25.99
	-7.0	-7.6	90.3	31.41	88.6	29.73	86.9	28.06	86.0	27.34	84.3	26.63	82.6	25.20
	-10.0	-10.5	83.5	29.95	81.9	28.36	80.3	26.76	79.5	26.08	77.9	25.39	76.4	24.02
	-14.5	-15.0	72.9	27.61	71.5	26.14	70.1	24.67	69.4	24.03	68.0	23.40	66.7	22.12
	-19.5	-20.0	59.5	24.13	58.3	22.85	57.2	21.57	56.6	21.01	55.5	20.44	54.4	19.32
	-22.8	-23.0	50.7	21.58	49.7	20.44	48.8	19.29	48.3	18.79	47.3	18.28	46.4	17.27
	-24.8	-25.0	44.9	19.77	44.0	18.73	43.2	17.68	42.7	17.21	41.9	16.75	41.0	15.82
	-27.4	-28.0	36.1	16.86	35.4	15.97	34.7	15.08	34.4	14.68	33.7	14.28	33.0	13.48
	-29.9	-30.0	30.3	14.76	29.7	13.98	29.1	13.20	28.8	12.85	28.3	12.49	27.7	11.79
80	15.0	13.7	99.7	28.77	97.8	27.22	95.9	25.68	95.0	25.04	93.1	24.41	91.2	23.14
	13.0	11.8	99.7	29.14	97.8	27.57	95.9	26.01	95.0	25.36	93.1	24.72	91.2	23.43
	11.0	9.8	99.7	29.55	97.8	27.96	95.9	26.38	95.0	25.72	93.1	25.07	91.2	23.76
	9.0	7.9	99.7	29.96	97.8	28.36	95.9	26.75	95.0	26.08	93.1	25.42	91.2	24.08
	8.3	6.1	99.7	30.38	97.8	28.75	95.9	27.12	95.0	26.44	93.1	25.77	91.2	24.41
	5.0	4.1	99.7	30.87	97.8	29.22	95.9	27.56	95.0	26.87	93.1	26.18	91.2	24.80
	2.5	1.7	99.7	31.50	97.8	29.82	95.9	28.13	95.0	27.42	93.1	26.72	91.2	25.30
	0.0	-0.7	94.8	30.54	92.9	28.91	91.1	27.27	90.2	26.59	88.4	25.90	86.6	24.53
	-3.0	-3.7	88.5	29.29	86.8	27.73	85.1	26.16	84.3	25.50	82.6	24.84	80.9	23.51
	-5.0	-5.6	84.5	28.48	82.9	26.96	81.3	25.44	80.5	24.80	78.9	24.15	77.2	22.86
	-7.0	-7.6	80.3	27.62	78.8	26.15	77.2	24.67	76.5	24.05	75.0	23.42	73.4	22.16
	-10.0	-10.5	74.2	26.34	72.8	24.94	71.4	23.54	70.7	22.93	69.3	22.33	67.9	21.13
	-14.5	-15.0	64.8	24.28	63.6	22.99	62.3	21.70	61.7	21.14	60.5	20.58	59.3	19.46
	-19.5	-20.0	52.8	21.22	51.8	20.09	50.8	18.97	50.3	18.47	49.3	17.98	48.3	16.99
	-22.8	-23.0	45.1	18.98	44.2	17.97	43.4	16.97	42.9	16.52	42.1	16.08	41.2	15.19
	-24.8	-25.0	39.9	17.39	39.1	16.47	38.4	15.55	38.0	15.14	37.2	14.73	36.5	13.91
	-27.4	-28.0	32.1	14.83	31.5	14.05	30.9	13.26	30.6	12.91	30.0	12.56	29.4	11.86
	-29.9	-30.0	26.9	12.98	26.4	12.29	25.9	11.61	25.6	11.30	25.1	10.99	24.6	10.37
70	15.0	13.7	87.2	24.91	85.6	23.57	83.9	22.23	83.1	21.68	81.4	21.13	79.8	20.03
	13.0	11.8	87.2	25.23	85.6	23.87	83.9	22.52	83.1	21.96	81.4	21.40	79.8	20.29
	11.0	9.8	87.2	25.58	85.6	24.21	83.9	22.84	83.1	22.27	81.4	21.70	79.8	20.57
	9.0	7.9	87.2	25.94	85.6	24.55	83.9	23.16	83.1	22.58	81.4	22.01	79.8	20.85
	8.3	6.1	87.2	26.30	85.6	24.89	83.9	23.48	83.1	22.90	81.4	22.31	79.8	21.14
	5.0	4.1	87.2	26.73	85.6	25.29	83.9	23.86	83.1	23.27	81.4	22.67	79.8	21.47
	2.5	1.7	87.2	27.27	85.6	25.81	83.9	24.35	83.1	23.74	81.4	23.13	79.8	21.91
	0.0	-0.7	82.9	26.44	81.3	25.03	79.7	23.61	79.0	23.02	77.4	22.42	75.8	21.23
	-3.0	-3.7	77.4	25.36	75.9	24.00	74.5	22.65	73.7	22.08	72.3	21.50	70.8	20.36
	-5.0	-5.6	73.9	24.66	72.5	23.34	71.1	22.03	70.4	21.47	69.0	20.91	67.6	19.79
	-7.0	-7.6	70.3	23.91	68.9	22.64	67.6	21.36	66.9	20.82	65.6	20.28	64.2	19.19
	-10.0	-10.5	65.0	22.81	63.7	21.59	62.5	20.38	61.9	19.86	60.6	19.33	59.4	18.29
	-14.5	-15.0	56.7	21.02	55.6	19.90	54.5	18.78	54.0	18.30	52.9	17.82	51.8	16.85
	-19.5	-20.0	46.2	18.37	45.4	17.40	44.5	16.42	44.0	15.99	43.2	15.57	42.3	14.71
	-22.8	-23.0	39.4	16.43	38.7	15.56	37.9	14.69	37.6	14.31	36.8	13.92	36.1	13.15
	-24.8	-25.0	34.9	15.06	34.2	14.26	33.6	13.46	33.2	13.11	32.6	12.75	31.9	12.05
	-27.4	-28.0	28.1	12.84	27.6	12.16	27.0	11.48	26.8	11.18	26.2	10.87	25.7	10.27
	-29.9	-30.0	23.6	11.24	23.1	10.64	22.7	10.05	22.4	9.78	22.0	9.51	21.5	8.98

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP3841FT6P-UL/MMY-UP3841FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	132.9	39.02	130.4	36.93	127.9	34.83	126.6	33.97	124.1	33.11	121.5	31.39
	13.0	11.8	132.9	39.52	130.4	37.40	127.9	35.28	126.6	34.41	124.1	33.53	121.5	31.78
	11.0	9.8	132.9	40.08	130.4	37.93	127.9	35.78	126.6	34.89	124.1	34.00	121.5	32.23
	9.0	7.9	132.9	40.65	130.4	38.47	127.9	36.29	126.6	35.38	124.1	34.48	121.5	32.67
	8.3	6.1	132.9	41.21	130.4	39.00	127.9	36.79	126.6	35.87	124.1	34.96	121.5	33.12
	5.0	4.1	132.9	41.88	130.4	39.63	127.9	37.39	126.6	36.45	124.1	35.52	121.5	33.65
	2.5	1.7	132.9	42.73	130.4	40.45	127.9	38.16	126.6	37.20	124.1	36.24	121.5	34.33
	0.0	-0.7	132.9	43.66	130.4	41.33	127.9	38.99	126.6	38.01	124.1	37.03	121.5	35.06
	-3.0	-3.7	132.9	44.95	130.4	42.54	127.9	40.14	126.6	39.13	124.1	38.11	121.5	36.08
	-5.0	-5.6	127.8	44.01	125.4	41.66	123.0	39.31	121.7	38.32	119.3	37.32	116.9	35.32
	-7.0	-7.6	121.8	42.81	119.5	40.52	117.2	38.24	116.0	37.26	113.7	36.29	111.4	34.34
	-10.0	-10.5	113.2	41.02	111.0	38.84	108.9	36.65	107.8	35.71	105.6	34.77	103.5	32.90
	-14.5	-15.0	99.7	38.16	97.8	36.13	95.9	34.10	95.0	33.22	93.1	32.34	91.2	30.58
	-19.5	-20.0	82.4	33.82	80.9	32.02	79.3	30.23	78.5	29.44	76.9	28.65	75.4	27.08
	-22.8	-23.0	68.9	29.60	67.6	28.03	66.2	26.47	65.6	25.77	64.3	25.08	63.0	23.69
	-24.8	-25.0	59.8	26.61	58.7	25.20	57.5	23.79	57.0	23.17	55.8	22.54	54.7	21.29
	-27.4	-28.0	46.3	21.77	45.4	20.62	44.5	19.47	44.1	18.96	43.2	18.44	42.3	17.41
	-29.9	-30.0	37.2	18.27	36.5	17.30	35.8	16.34	35.5	15.90	34.7	15.47	34.0	14.60
110	15.0	13.7	135.6	39.20	133.0	37.10	130.4	34.99	129.1	34.13	126.6	33.26	124.0	31.53
	13.0	11.8	135.6	39.71	133.0	37.58	130.4	35.45	129.1	34.57	126.6	33.69	124.0	31.93
	11.0	9.8	135.6	40.27	133.0	38.11	130.4	35.95	129.1	35.06	126.6	34.16	124.0	32.38
	9.0	7.9	135.6	40.83	133.0	38.65	130.4	36.46	129.1	35.55	126.6	34.64	124.0	32.82
	8.3	6.1	135.6	41.40	133.0	39.18	130.4	36.96	129.1	36.04	126.6	35.12	124.0	33.27
	5.0	4.1	135.6	42.07	133.0	39.82	130.4	37.56	129.1	36.62	126.6	35.68	124.0	33.80
	2.5	1.7	135.6	42.93	133.0	40.63	130.4	38.34	129.1	37.37	126.6	36.41	124.0	34.49
	0.0	-0.7	135.6	43.87	133.0	41.52	130.4	39.18	129.1	38.19	126.6	37.20	124.0	35.23
	-3.0	-3.7	135.6	45.16	133.0	42.74	130.4	40.33	129.1	39.31	126.6	38.29	124.0	36.25
	-5.0	-5.6	130.4	44.22	127.9	41.86	125.4	39.50	124.2	38.49	121.7	37.49	119.2	35.49
	-7.0	-7.6	124.3	43.01	121.9	40.71	119.5	38.42	118.4	37.44	116.0	36.46	113.6	34.50
	-10.0	-10.5	115.4	41.21	113.2	39.02	111.0	36.82	109.9	35.88	107.7	34.94	105.5	33.05
	-14.5	-15.0	101.7	38.34	99.8	36.30	97.8	34.26	96.9	33.37	94.9	32.49	93.0	30.72
	-19.5	-20.0	84.1	33.97	82.5	32.17	80.9	30.37	80.1	29.58	78.5	28.79	76.9	27.20
	-22.8	-23.0	70.2	29.74	68.9	28.16	67.6	26.59	66.9	25.89	65.6	25.20	64.2	23.80
	-24.8	-25.0	61.0	26.73	59.9	25.32	58.7	23.90	58.1	23.27	57.0	22.64	55.8	21.39
	-27.4	-28.0	47.2	21.88	46.3	20.72	45.4	19.56	44.9	19.04	44.0	18.53	43.1	17.49
	-29.9	-30.0	38.0	18.35	37.2	17.38	36.5	16.41	36.2	15.98	35.4	15.54	34.7	14.67
120	15.0	13.7	139.6	39.76	136.9	37.62	134.3	35.49	132.9	34.61	130.3	33.73	127.6	31.98
	13.0	11.8	139.6	40.27	136.9	38.11	134.3	35.95	132.9	35.06	130.3	34.17	127.6	32.38
	11.0	9.8	139.6	40.84	136.9	38.65	134.3	36.46	132.9	35.55	130.3	34.65	127.6	32.83
	9.0	7.9	139.6	41.41	136.9	39.19	134.3	36.97	132.9	36.05	130.3	35.13	127.6	33.29
	8.3	6.1	139.6	41.99	136.9	39.74	134.3	37.49	132.9	36.55	130.3	35.62	127.6	33.74
	5.0	4.1	139.6	42.67	136.9	40.38	134.3	38.10	132.9	37.14	130.3	36.19	127.6	34.28
	2.5	1.7	139.6	43.54	136.9	41.21	134.3	38.88	132.9	37.90	130.3	36.93	127.6	34.97
	0.0	-0.7	139.6	44.49	136.9	42.11	134.3	39.73	132.9	38.73	130.3	37.73	127.6	35.73
	-3.0	-3.7	139.6	45.79	136.9	43.35	134.3	40.90	132.9	39.87	130.3	38.83	127.6	36.76
	-5.0	-5.6	134.2	44.84	131.7	42.45	129.1	40.05	127.8	39.04	125.3	38.02	122.7	35.99
	-7.0	-7.6	127.9	43.61	125.5	41.29	123.1	38.96	121.8	37.97	119.4	36.98	117.0	34.99
	-10.0	-10.5	118.8	41.80	116.6	39.57	114.3	37.34	113.2	36.39	110.9	35.43	108.6	33.52
	-14.5	-15.0	104.7	38.88	102.7	36.81	100.7	34.74	99.7	33.85	97.7	32.95	95.7	31.16
	-19.5	-20.0	86.5	34.45	84.9	32.63	83.2	30.80	82.4	29.99	80.8	29.19	79.1	27.59
	-22.8	-23.0	72.3	30.16	70.9	28.56	69.6	26.96	68.9	26.26	67.5	25.55	66.1	24.14
	-24.8	-25.0	62.8	27.11	61.6	25.68	60.4	24.24	59.8	23.60	58.6	22.97	57.4	21.69
	-27.4	-28.0	48.6	22.19	47.7	21.01	46.7	19.84	46.3	19.31	45.3	18.79	44.4	17.74
	-29.9	-30.0	39.1	18.61	38.3	17.63	37.6	16.65	37.2	16.20	36.5	15.76	35.7	14.87
130	15.0	13.7	142.9	40.11	140.2	37.96	137.5	35.80	136.1	34.92	133.4	34.03	130.7	32.26
	13.0	11.8	142.9	40.63	140.2	38.45	137.5	36.27	136.1	35.37	133.4	34.47	130.7	32.67
	11.0	9.8	142.9	41.20	140.2	38.99	137.5	36.78	136.1	35.87	133.4	34.95	130.7	33.13
	9.0	7.9	142.9	41.78	140.2	39.54	137.5	37.30	136.1	36.37	133.4	35.44	130.7	33.58
	8.3	6.1	142.9	42.36	140.2	40.09	137.5	37.82	136.1	36.88	133.4	35.93	130.7	34.04
	5.0	4.1	142.9	43.04	140.2	40.74	137.5	38.43	136.1	37.47	133.4	36.51	130.7	34.58
	2.5	1.7	142.9	43.93	140.2	41.57	137.5	39.22	136.1	38.24	133.4	37.25	130.7	35.28
	0.0	-0.7	142.9	44.88	140.2	42.48	137.5	40.08	136.1	39.07	133.4	38.06	130.7	36.04
	-3.0	-3.7	142.9	46.20	140.2	43.73	137.5	41.26	136.1	40.22	133.4	39.17	130.7	37.09
	-5.0	-5.6	137.4	45.24	134.8	42.82	132.2	40.41	130.9	39.38	128.3	38.36	125.6	36.31
	-7.0	-7.6	131.0	44.00	128.5	41.65	126.0	39.31	124.7	38.30	122.2	37.30	119.8	35.30
	-10.0	-10.5	121.7	42.17	119.3	39.92	117.0	37.67	115.9	36.71	113.5	35.74	111.2	33.82
	-14.5	-15.0	107.2	39.22	105.1	37.14	103.1	35.05	102.1	34.15	100.0	33.24	98.0	31.43
	-19.5	-20.0	88.6	34.76	86.9	32.91	85.2	31.07	84.4	30.26	82.7	29.45	81.0	27.83
	-22.8	-23.0	74.0	30.43	72.6	28.82	71.2	27.20	70.5	26.49	69.1	25.78	67.7	24.35
	-24.8	-25.0	64.3	27.35	63.1	25.90	61.9	24.46	61.2	23.81	60.0	23.17	58.8	21.88
	-27.4	-28.0	49.7	22.38	48.8	21.20	47.8	20.02	47.4	19.49	46.4	18.95	45.5	17.89
	-29.9	-30.0	40.0	18.78	39.3	17.79	38.5	16.79	38.1	16.35	37.3	15.90	36.6	15.01

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	119.6	34.74	117.4	32.88	115.1	31.01	114.0	30.25	111.7	29.48	109.4	27.94
	13.0	11.8	119.6	35.19	117.4	33.30	115.1	31.41	114.0	30.63	111.7	29.86	109.4	28.30
	11.0	9.8	119.6	35.69	117.4	33.77	115.1	31.86	114.0	31.07	111.7	30.28	109.4	28.69
	9.0	7.9	119.6	36.19	117.4	34.25	115.1	32.31	114.0	31.50	111.7	30.70	109.4	29.09
	8.3	6.1	119.6	36.69	117.4	34.72	115.1	32.76	114.0	31.94	111.7	31.12	109.4	29.49
	5.0	4.1	119.6	37.28	117.4	35.29	115.1	33.29	114.0	32.46	111.7	31.62	109.4	29.96
	2.5	1.7	119.6	38.05	117.4	36.01	115.1	33.98	114.0	33.12	111.7	32.27	109.4	30.56
	0.0	-0.7	119.6	38.88	117.4	36.80	115.1	34.72	114.0	33.84	111.7	32.97	109.4	31.22
	-3.0	-3.7	119.6	40.02	117.4	37.88	115.1	35.74	114.0	34.84	111.7	33.93	109.4	32.12
	-5.0	-5.6	115.0	39.19	112.9	37.09	110.7	35.00	109.6	34.11	107.4	33.23	105.2	31.45
	-7.0	-7.6	109.7	38.11	107.6	36.08	105.5	34.05	104.4	33.18	102.3	32.31	100.3	30.58
	-10.0	-10.5	101.9	36.52	99.9	34.58	98.0	32.63	97.0	31.80	95.1	30.96	93.1	29.29
	-14.5	-15.0	89.7	33.97	88.0	32.17	86.3	30.36	85.5	29.58	83.8	28.79	82.0	27.23
	-19.5	-20.0	74.2	30.11	72.8	28.51	71.4	26.91	70.6	26.21	69.2	25.51	67.8	24.11
	-22.8	-23.0	62.0	26.36	60.8	24.96	59.6	23.56	59.0	22.95	57.8	22.33	56.7	21.09
	-24.8	-25.0	53.8	23.69	52.8	22.44	51.8	21.18	51.3	20.63	50.3	20.07	49.2	18.95
	-27.4	-28.0	41.6	19.39	40.8	18.36	40.1	17.34	39.7	16.88	38.9	16.42	38.1	15.50
	-29.9	-30.0	33.5	16.26	32.9	15.41	32.2	14.55	31.9	14.16	31.3	13.77	30.6	13.00
80	15.0	13.7	106.4	30.56	104.3	28.91	102.3	27.27	101.3	26.60	99.3	25.92	97.2	24.58
	13.0	11.8	106.4	30.95	104.3	29.29	102.3	27.63	101.3	26.94	99.3	26.26	97.2	24.89
	11.0	9.8	106.4	31.39	104.3	29.70	102.3	28.02	101.3	27.32	99.3	26.63	97.2	25.23
	9.0	7.9	106.4	31.83	104.3	30.12	102.3	28.41	101.3	27.71	99.3	27.00	97.2	25.58
	8.3	6.1	106.4	32.27	104.3	30.54	102.3	28.81	101.3	28.09	99.3	27.37	97.2	25.93
	5.0	4.1	106.4	32.79	104.3	31.03	102.3	29.28	101.3	28.54	99.3	27.81	97.2	26.35
	2.5	1.7	106.4	33.46	104.3	31.67	102.3	29.88	101.3	29.13	99.3	28.38	97.2	26.88
	0.0	-0.7	106.4	34.19	104.3	32.36	102.3	30.53	101.3	29.76	99.3	28.99	97.2	27.46
	-3.0	-3.7	106.4	35.19	104.3	33.31	102.3	31.43	101.3	30.64	99.3	29.84	97.2	28.25
	-5.0	-5.6	102.3	34.46	100.3	32.62	98.4	30.78	97.4	30.00	95.4	29.22	93.5	27.66
	-7.0	-7.6	97.5	33.52	95.6	31.73	93.8	29.94	92.8	29.18	91.0	28.42	89.1	26.89
	-10.0	-10.5	90.5	32.12	88.8	30.41	87.1	28.70	86.2	27.96	84.5	27.23	82.8	25.76
	-14.5	-15.0	79.8	29.88	78.2	28.29	76.7	26.70	76.0	26.01	74.4	25.32	72.9	23.95
	-19.5	-20.0	65.9	26.48	64.7	25.07	63.4	23.67	62.8	23.05	61.5	22.43	60.3	21.20
	-22.8	-23.0	55.1	23.18	54.0	21.95	53.0	20.72	52.5	20.18	51.4	19.64	50.4	18.55
	-24.8	-25.0	47.9	20.84	46.9	19.73	46.0	18.63	45.6	18.14	44.7	17.65	43.8	16.67
	-27.4	-28.0	37.0	17.05	36.3	16.15	35.6	15.25	35.2	14.84	34.5	14.44	33.8	13.63
	-29.9	-30.0	29.8	14.30	29.2	13.55	28.6	12.79	28.4	12.45	27.8	12.11	27.2	11.43
70	15.0	13.7	93.1	26.46	91.3	25.03	89.5	23.61	88.6	23.03	86.9	22.45	85.1	21.28
	13.0	11.8	93.1	26.80	91.3	25.36	89.5	23.92	88.6	23.33	86.9	22.73	85.1	21.55
	11.0	9.8	93.1	27.17	91.3	25.72	89.5	24.26	88.6	23.66	86.9	23.05	85.1	21.85
	9.0	7.9	93.1	27.56	91.3	26.08	89.5	24.60	88.6	23.99	86.9	23.38	85.1	22.15
	8.3	6.1	93.1	27.94	91.3	26.44	89.5	24.94	88.6	24.32	86.9	23.70	85.1	22.45
	5.0	4.1	93.1	28.39	91.3	26.87	89.5	25.35	88.6	24.71	86.9	24.08	85.1	22.81
	2.5	1.7	93.1	28.97	91.3	27.42	89.5	25.87	88.6	25.22	86.9	24.57	85.1	23.27
	0.0	-0.7	93.1	29.60	91.3	28.02	89.5	26.44	88.6	25.77	86.9	25.10	85.1	23.77
	-3.0	-3.7	93.1	30.47	91.3	28.84	89.5	27.22	88.6	26.53	86.9	25.84	85.1	24.46
	-5.0	-5.6	89.5	29.84	87.8	28.24	86.1	26.65	85.2	25.98	83.5	25.30	81.8	23.95
	-7.0	-7.6	85.3	29.02	83.7	27.47	82.0	25.92	81.2	25.26	79.6	24.60	78.0	23.28
	-10.0	-10.5	79.2	27.81	77.7	26.33	76.2	24.85	75.4	24.21	73.9	23.58	72.4	22.30
	-14.5	-15.0	69.8	25.87	68.5	24.49	67.1	23.12	66.5	22.52	65.1	21.93	63.8	20.73
	-19.5	-20.0	57.7	22.92	56.6	21.71	55.5	20.49	54.9	19.96	53.9	19.42	52.8	18.36
	-22.8	-23.0	48.2	20.07	47.3	19.01	46.4	17.94	45.9	17.47	45.0	17.00	44.1	16.06
	-24.8	-25.0	41.9	18.04	41.1	17.08	40.3	16.13	39.9	15.71	39.1	15.28	38.3	14.43
	-27.4	-28.0	32.4	14.76	31.8	13.98	31.2	13.20	30.8	12.85	30.2	12.50	29.6	11.80
	-29.9	-30.0	26.1	12.38	25.6	11.73	25.1	11.08	24.8	10.78	24.3	10.49	23.8	9.90

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP4081FT6P-UL/MMY-UP4081FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	141.3	41.63	138.6	39.40	135.9	37.16	134.5	36.24	131.8	35.33	129.1	33.49
	13.0	11.8	141.3	42.17	138.6	39.91	135.9	37.64	134.5	36.71	131.8	35.78	129.1	33.91
	11.0	9.8	141.3	42.77	138.6	40.47	135.9	38.18	134.5	37.23	131.8	36.28	129.1	34.38
	9.0	7.9	141.3	43.37	138.6	41.04	135.9	38.72	134.5	37.75	131.8	36.79	129.1	34.86
	8.3	6.1	141.3	43.97	138.6	41.61	135.9	39.26	134.5	38.28	131.8	37.30	129.1	35.34
	5.0	4.1	141.3	44.68	138.6	42.29	135.9	39.89	134.5	38.89	131.8	37.90	129.1	35.90
	2.5	1.7	141.3	45.59	138.6	43.15	135.9	40.71	134.5	39.69	131.8	38.67	129.1	36.62
	0.0	-0.7	134.2	44.20	131.7	41.84	129.1	39.48	127.8	38.48	125.3	37.49	122.7	35.50
	-3.0	-3.7	125.3	42.39	122.9	40.13	120.6	37.86	119.4	36.91	117.0	35.95	114.6	34.03
	-5.0	-5.6	119.7	41.23	117.4	39.03	115.1	36.83	114.0	35.89	111.7	34.96	109.4	33.09
	-7.0	-7.6	113.8	39.98	111.6	37.85	109.4	35.71	108.3	34.80	106.2	33.89	104.0	32.08
	-10.0	-10.5	105.2	38.13	103.2	36.10	101.2	34.06	100.2	33.19	98.2	32.32	96.1	30.58
	-14.5	-15.0	91.8	35.14	90.1	33.27	88.3	31.40	87.4	30.59	85.7	29.78	83.9	28.16
	-19.5	-20.0	74.9	30.71	73.4	29.08	72.0	27.45	71.3	26.74	69.9	26.02	68.4	24.59
	-22.8	-23.0	63.8	27.47	62.6	26.01	61.4	24.56	60.8	23.91	59.6	23.27	58.4	21.98
	-24.8	-25.0	56.5	25.17	55.4	23.84	54.3	22.50	53.8	21.91	52.7	21.32	51.7	20.14
	-27.4	-28.0	45.5	21.46	44.6	20.33	43.8	19.20	43.3	18.69	42.5	18.18	41.6	17.16
	-29.9	-30.0	38.1	18.78	37.4	17.79	36.7	16.80	36.3	16.35	35.6	15.90	34.9	15.01
110	15.0	13.7	144.1	41.83	141.3	39.58	138.6	37.34	137.2	36.41	134.5	35.49	131.7	33.64
	13.0	11.8	144.1	42.37	141.3	40.09	138.6	37.82	137.2	36.88	134.5	35.94	131.7	34.07
	11.0	9.8	144.1	42.97	141.3	40.66	138.6	38.36	137.2	37.40	134.5	36.45	131.7	34.54
	9.0	7.9	144.1	43.57	141.3	41.23	138.6	38.90	137.2	37.93	134.5	36.96	131.7	35.02
	8.3	6.1	144.1	44.17	141.3	41.81	138.6	39.44	137.2	38.45	134.5	37.47	131.7	35.50
	5.0	4.1	144.1	44.89	141.3	42.48	138.6	40.08	137.2	39.08	134.5	38.07	131.7	36.07
	2.5	1.7	144.1	45.81	141.3	43.36	138.6	40.90	137.2	39.88	134.5	38.85	131.7	36.79
	0.0	-0.7	136.9	44.41	134.3	42.04	131.7	39.66	130.4	38.66	127.8	37.66	125.2	35.66
	-3.0	-3.7	127.8	42.59	125.4	40.32	123.0	38.04	121.8	37.08	119.3	36.12	116.9	34.19
	-5.0	-5.6	122.1	41.42	119.8	39.21	117.4	37.00	116.3	36.06	114.0	35.12	111.6	33.24
	-7.0	-7.6	116.0	40.16	113.8	38.02	111.6	35.88	110.5	34.97	108.3	34.05	106.1	32.22
	-10.0	-10.5	107.3	38.31	105.2	36.26	103.2	34.22	102.2	33.35	100.1	32.47	98.1	30.72
	-14.5	-15.0	93.6	35.30	91.9	33.43	90.1	31.55	89.2	30.73	87.4	29.92	85.6	28.29
	-19.5	-20.0	76.4	30.86	74.9	29.22	73.5	27.58	72.7	26.86	71.3	26.15	69.8	24.71
	-22.8	-23.0	65.1	27.60	63.9	26.13	62.6	24.67	62.0	24.03	60.8	23.38	59.5	22.09
	-24.8	-25.0	57.6	25.29	56.5	23.95	55.4	22.61	54.9	22.01	53.8	21.42	52.7	20.23
	-27.4	-28.0	46.4	21.56	45.5	20.42	44.6	19.28	44.2	18.77	43.3	18.26	42.4	17.24
	-29.9	-30.0	38.9	18.87	38.2	17.87	37.4	16.88	37.0	16.43	36.3	15.98	35.6	15.08
120	15.0	13.7	148.3	42.42	145.5	40.14	142.7	37.86	141.3	36.93	138.4	35.99	135.6	34.12
	13.0	11.8	148.3	42.97	145.5	40.66	142.7	38.35	141.3	37.40	138.4	36.45	135.6	34.55
	11.0	9.8	148.3	43.57	145.5	41.24	142.7	38.90	141.3	37.93	138.4	36.97	135.6	35.03
	9.0	7.9	148.3	44.18	145.5	41.82	142.7	39.45	141.3	38.46	138.4	37.48	135.6	35.52
	8.3	6.1	148.3	44.80	145.5	42.40	142.7	40.00	141.3	39.00	138.4	38.00	135.6	36.00
	5.0	4.1	148.3	45.52	145.5	43.08	142.7	40.65	141.3	39.63	138.4	38.61	135.6	36.58
	2.5	1.7	148.3	46.45	145.5	43.97	142.7	41.48	141.3	40.44	138.4	39.40	135.6	37.32
	0.0	-0.7	140.9	45.04	138.3	42.63	135.6	40.22	134.2	39.21	131.5	38.19	128.9	36.17
	-3.0	-3.7	131.6	43.19	129.1	40.89	126.6	38.58	125.3	37.60	122.8	36.63	120.3	34.67
	-5.0	-5.6	125.7	42.00	123.3	39.76	120.9	37.52	119.7	36.57	117.3	35.62	114.9	33.71
	-7.0	-7.6	119.5	40.73	117.2	38.56	114.9	36.39	113.8	35.46	111.5	34.53	109.2	32.68
	-10.0	-10.5	110.4	38.85	108.3	36.78	106.2	34.71	105.2	33.82	103.1	32.93	101.0	31.15
	-14.5	-15.0	96.4	35.80	94.6	33.90	92.7	32.00	91.8	31.17	90.0	30.34	88.1	28.69
	-19.5	-20.0	78.6	31.29	77.1	29.63	75.6	27.97	74.9	27.24	73.4	26.52	71.9	25.06
	-22.8	-23.0	67.0	27.99	65.8	26.50	64.5	25.02	63.8	24.37	62.6	23.71	61.3	22.40
	-24.8	-25.0	59.3	25.64	58.2	24.29	57.1	22.93	56.5	22.33	55.4	21.72	54.2	20.52
	-27.4	-28.0	47.8	21.87	46.8	20.71	45.9	19.56	45.5	19.04	44.6	18.52	43.7	17.48
	-29.9	-30.0	40.0	19.14	39.3	18.13	38.5	17.12	38.1	16.66	37.4	16.20	36.6	15.29
130	15.0	13.7	151.8	42.80	149.0	40.50	146.1	38.20	144.6	37.26	141.7	36.31	138.8	34.42
	13.0	11.8	151.8	43.35	149.0	41.02	146.1	38.69	144.6	37.73	141.7	36.78	138.8	34.86
	11.0	9.8	151.8	43.96	149.0	41.60	146.1	39.24	144.6	38.27	141.7	37.29	138.8	35.34
	9.0	7.9	151.8	44.58	149.0	42.19	146.1	39.80	144.6	38.80	141.7	37.81	138.8	35.83
	8.3	6.1	151.8	45.19	149.0	42.77	146.1	40.35	144.6	39.34	141.7	38.34	138.8	36.32
	5.0	4.1	151.8	45.92	149.0	43.47	146.1	41.01	144.6	39.98	141.7	38.95	138.8	36.90
	2.5	1.7	151.8	46.87	149.0	44.36	146.1	41.85	144.6	40.80	141.7	39.75	138.8	37.65
	0.0	-0.7	144.3	45.44	141.6	43.01	138.8	40.58	137.4	39.56	134.7	38.53	131.9	36.49
	-3.0	-3.7	134.7	43.58	132.2	41.25	129.6	38.92	128.3	37.94	125.8	36.95	123.2	34.98
	-5.0	-5.6	128.7	42.38	126.2	40.11	123.8	37.85	122.5	36.89	120.1	35.93	117.6	34.01
	-7.0	-7.6	122.3	41.09	120.0	38.90	117.6	36.71	116.5	35.77	114.1	34.84	111.8	32.97
	-10.0	-10.5	113.0	39.19	110.9	37.10	108.7	35.01	107.7	34.12	105.5	33.22	103.4	31.43
	-14.5	-15.0	98.7	36.12	96.8	34.20	94.9	32.28	94.0	31.45	92.1	30.61	90.2	28.95
	-19.5	-20.0	80.5	31.57	78.9	29.90	77.4	28.22	76.6	27.48	75.1	26.75	73.6	25.28
	-22.8	-23.0	68.6	28.24	67.3	26.74	66.0	25.24	65.4	24.58	64.1	23.92	62.8	22.60
	-24.8	-25.0	60.7	25.87	59.6	24.50	58.4	23.13	57.8	22.52	56.7	21.92	55.5	20.70
	-27.4	-28.0	48.9	22.06	48.0	20.90	47.0	19.73	46.6	19.21	45.6	18.68	44.7	17.64
	-29.9	-30.0	41.0	19.31	40.2	18.29	39.4	17.27	39.0	16.81	38.3	16.35	37.5	15.43

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	127.1	37.07	124.7	35.08	122.3	33.09	121.1	32.27	118.7	31.45	116.2	29.82
	13.0	11.8	127.1	37.55	124.7	35.53	122.3	33.52	121.1	32.68	118.7	31.85	116.2	30.19
	11.0	9.8	127.1	38.08	124.7	36.03	122.3	33.99	121.1	33.15	118.7	32.30	116.2	30.61
	9.0	7.9	127.1	38.61	124.7	36.54	122.3	34.47	121.1	33.61	118.7	32.75	116.2	31.04
	8.3	6.1	127.1	39.15	124.7	37.05	122.3	34.95	121.1	34.08	118.7	33.21	116.2	31.46
	5.0	4.1	127.1	39.78	124.7	37.65	122.3	35.52	121.1	34.63	118.7	33.74	116.2	31.96
	2.5	1.7	127.1	40.59	124.7	38.42	122.3	36.25	121.1	35.34	118.7	34.43	116.2	32.61
	0.0	-0.7	120.8	39.36	118.5	37.25	116.2	35.15	115.1	34.26	112.8	33.38	110.5	31.61
	-3.0	-3.7	112.8	37.75	110.7	35.73	108.5	33.71	107.4	32.86	105.3	32.01	103.1	30.30
	-5.0	-5.6	107.7	36.71	105.7	34.75	103.6	32.79	102.6	31.95	100.5	31.12	98.5	29.46
	-7.0	-7.6	102.4	35.59	100.4	33.70	98.5	31.80	97.5	30.99	95.6	30.18	93.6	28.56
	-10.0	-10.5	94.6	33.95	92.8	32.14	91.0	30.33	90.1	29.55	88.3	28.78	86.5	27.22
	-14.5	-15.0	82.6	31.29	81.1	29.62	79.5	27.96	78.7	27.24	77.1	26.52	75.5	25.07
	-19.5	-20.0	67.4	27.35	66.1	25.89	64.8	24.44	64.2	23.81	62.9	23.17	61.6	21.90
	-22.8	-23.0	57.5	24.46	56.4	23.16	55.3	21.87	54.7	21.29	53.6	20.72	52.5	19.57
	-24.8	-25.0	50.9	22.41	49.9	21.22	48.9	20.04	48.4	19.51	47.5	18.98	46.5	17.93
	-27.4	-28.0	40.9	19.11	40.2	18.10	39.4	17.09	39.0	16.64	38.2	16.18	37.4	15.28
	-29.9	-30.0	34.3	16.72	33.7	15.84	33.0	14.96	32.7	14.56	32.0	14.16	31.4	13.36
80	15.0	13.7	113.0	32.60	110.8	30.85	108.7	29.10	107.6	28.38	105.5	27.66	103.3	26.22
	13.0	11.8	113.0	33.02	110.8	31.25	108.7	29.48	107.6	28.74	105.5	28.01	103.3	26.55
	11.0	9.8	113.0	33.49	110.8	31.69	108.7	29.89	107.6	29.15	105.5	28.41	103.3	26.92
	9.0	7.9	113.0	33.96	110.8	32.14	108.7	30.32	107.6	29.56	105.5	28.81	103.3	27.30
	8.3	6.1	113.0	34.43	110.8	32.58	108.7	30.74	107.6	29.97	105.5	29.20	103.3	27.67
	5.0	4.1	113.0	34.98	110.8	33.11	108.7	31.24	107.6	30.45	105.5	29.67	103.3	28.11
	2.5	1.7	113.0	35.70	110.8	33.79	108.7	31.88	107.6	31.08	105.5	30.28	103.3	28.68
	0.0	-0.7	107.4	34.61	105.3	32.76	103.3	30.91	102.3	30.13	100.2	29.35	98.2	27.80
	-3.0	-3.7	100.3	33.20	98.4	31.42	96.4	29.65	95.5	28.90	93.6	28.15	91.7	26.65
	-5.0	-5.6	95.8	32.28	93.9	30.56	92.1	28.83	91.2	28.10	89.4	27.37	87.5	25.91
	-7.0	-7.6	91.0	31.30	89.3	29.63	87.5	27.96	86.7	27.25	84.9	26.54	83.2	25.12
	-10.0	-10.5	84.1	29.85	82.5	28.26	80.9	26.67	80.1	25.99	78.5	25.31	76.9	23.94
	-14.5	-15.0	73.5	27.52	72.1	26.05	70.7	24.59	70.0	23.95	68.6	23.32	67.2	22.05
	-19.5	-20.0	59.9	24.05	58.7	22.77	57.6	21.50	57.0	20.94	55.9	20.38	54.8	19.26
	-22.8	-23.0	51.1	21.51	50.1	20.37	49.1	19.23	48.6	18.73	47.7	18.22	46.7	17.21
	-24.8	-25.0	45.2	19.71	44.3	18.67	43.5	17.62	43.0	17.16	42.2	16.69	41.3	15.77
	-27.4	-28.0	36.4	16.81	35.7	15.92	35.0	15.03	34.7	14.63	34.0	14.23	33.3	13.44
	-29.9	-30.0	30.5	14.71	29.9	13.93	29.3	13.15	29.1	12.80	28.5	12.45	27.9	11.75
70	15.0	13.7	98.9	28.23	97.0	26.71	95.1	25.19	94.2	24.57	92.3	23.95	90.4	22.70
	13.0	11.8	98.9	28.59	97.0	27.05	95.1	25.52	94.2	24.89	92.3	24.25	90.4	22.99
	11.0	9.8	98.9	28.99	97.0	27.44	95.1	25.88	94.2	25.24	92.3	24.60	90.4	23.31
	9.0	7.9	98.9	29.40	97.0	27.82	95.1	26.25	94.2	25.59	92.3	24.94	90.4	23.63
	8.3	6.1	98.9	29.81	97.0	28.21	95.1	26.61	94.2	25.95	92.3	25.28	90.4	23.96
	5.0	4.1	98.9	30.29	97.0	28.67	95.1	27.05	94.2	26.37	92.3	25.69	90.4	24.34
	2.5	1.7	98.9	30.91	97.0	29.26	95.1	27.60	94.2	26.91	92.3	26.22	90.4	24.83
	0.0	-0.7	94.0	29.97	92.2	28.37	90.4	26.76	89.5	26.09	87.7	25.41	85.9	24.07
	-3.0	-3.7	87.7	28.74	86.1	27.21	84.4	25.67	83.6	25.02	81.9	24.37	80.2	23.07
	-5.0	-5.6	83.8	27.95	82.2	26.46	80.6	24.97	79.8	24.33	78.2	23.70	76.6	22.43
	-7.0	-7.6	79.6	27.10	78.1	25.66	76.6	24.21	75.8	23.59	74.3	22.98	72.8	21.75
	-10.0	-10.5	73.6	25.85	72.2	24.47	70.8	23.09	70.1	22.50	68.7	21.91	67.3	20.73
	-14.5	-15.0	64.3	23.82	63.0	22.56	61.8	21.29	61.2	20.74	60.0	20.19	58.8	19.09
	-19.5	-20.0	52.4	20.82	51.4	19.72	50.4	18.61	49.9	18.13	48.9	17.64	47.9	16.67
	-22.8	-23.0	44.7	18.62	43.8	17.64	43.0	16.65	42.6	16.21	41.7	15.78	40.9	14.90
	-24.8	-25.0	39.6	17.06	38.8	16.16	38.0	15.26	37.7	14.86	36.9	14.45	36.2	13.65
	-27.4	-28.0	31.8	14.55	31.2	13.78	30.6	13.01	30.3	12.67	29.7	12.32	29.1	11.63
	-29.9	-30.0	26.7	12.73	26.2	12.06	25.7	11.39	25.4	11.09	24.9	10.78	24.4	10.18

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP4321FT6P-UL/MMY-UP4321FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	149.6	44.27	146.7	41.89	143.9	39.51	142.4	38.54	139.6	37.56	136.7	35.61
	13.0	11.8	149.6	44.84	146.7	42.43	143.9	40.02	142.4	39.03	139.6	38.04	136.7	36.06
	11.0	9.8	149.6	45.47	146.7	43.03	143.9	40.59	142.4	39.58	139.6	38.58	136.7	36.56
	9.0	7.9	149.6	46.11	146.7	43.64	143.9	41.17	142.4	40.14	139.6	39.12	136.7	37.06
	8.3	6.1	149.6	46.75	146.7	44.24	143.9	41.74	142.4	40.70	139.6	39.66	136.7	37.57
	5.0	4.1	149.6	47.37	146.7	44.96	143.9	42.42	142.4	41.36	139.6	40.29	136.7	38.17
	2.5	1.7	149.6	47.37	146.7	45.88	143.9	43.29	142.4	42.20	139.6	41.12	136.7	38.94
	0.0	-0.7	142.1	47.00	139.4	44.49	136.7	41.97	135.4	40.92	132.7	39.86	129.9	37.74
	-3.0	-3.7	132.7	45.08	130.2	42.67	127.6	40.26	126.4	39.24	123.9	38.22	121.3	36.18
	-5.0	-5.6	126.7	43.84	124.3	41.50	121.9	39.15	120.7	38.16	118.3	37.17	115.9	35.18
	-7.0	-7.6	120.5	42.51	118.2	40.24	115.9	37.97	114.7	37.01	112.4	36.04	110.1	34.10
	-10.0	-10.5	111.3	40.54	109.2	38.38	107.1	36.22	106.0	35.29	103.9	34.37	101.8	32.51
	-14.5	-15.0	97.2	37.36	95.4	35.38	93.5	33.39	92.6	32.53	90.7	31.67	88.9	29.94
	-19.5	-20.0	79.3	32.66	77.8	30.92	76.2	29.19	75.5	28.43	74.0	27.67	72.5	26.15
	-22.8	-23.0	67.6	29.21	66.3	27.66	65.0	26.11	64.4	25.43	63.1	24.74	61.8	23.37
	-24.8	-25.0	59.8	26.76	58.7	25.35	57.5	23.93	57.0	23.30	55.8	22.67	54.7	21.41
	-27.4	-28.0	48.2	22.82	47.2	21.62	46.3	20.41	45.9	19.87	44.9	19.33	44.0	18.25
	-29.9	-30.0	40.4	19.97	39.6	18.92	38.8	17.86	38.5	17.39	37.7	16.91	36.9	15.96
110	15.0	13.7	152.6	44.47	149.6	42.09	146.7	39.70	145.3	38.72	142.4	37.73	139.5	35.77
	13.0	11.8	152.6	45.05	149.6	42.63	146.7	40.21	145.3	39.21	142.4	38.22	139.5	36.22
	11.0	9.8	152.6	45.68	149.6	43.23	146.7	40.78	145.3	39.77	142.4	38.76	139.5	36.73
	9.0	7.9	152.6	46.32	149.6	43.84	146.7	41.36	145.3	40.33	142.4	39.30	139.5	37.24
	8.3	6.1	152.6	46.97	149.6	44.45	146.7	41.93	145.3	40.89	142.4	39.84	139.5	37.75
	5.0	4.1	152.6	47.59	149.6	45.17	146.7	42.61	145.3	41.55	142.4	40.48	139.5	38.35
	2.5	1.7	152.6	47.59	149.6	46.10	146.7	43.49	145.3	42.40	142.4	41.31	139.5	39.12
	0.0	-0.7	145.0	47.22	142.2	44.69	139.4	42.17	138.1	41.11	135.3	40.04	132.5	37.92
	-3.0	-3.7	135.4	45.29	132.8	42.87	130.2	40.45	128.9	39.42	126.3	38.40	123.8	36.35
	-5.0	-5.6	129.3	44.04	126.8	41.69	124.3	39.34	123.1	38.34	120.7	37.34	118.2	35.34
	-7.0	-7.6	122.9	42.71	120.5	40.43	118.2	38.15	117.0	37.18	114.7	36.21	112.3	34.26
	-10.0	-10.5	113.6	40.73	111.4	38.56	109.2	36.39	108.2	35.46	106.0	34.53	103.8	32.66
	-14.5	-15.0	99.2	37.54	97.3	35.54	95.4	33.54	94.4	32.68	92.5	31.81	90.7	30.08
	-19.5	-20.0	80.9	32.81	79.3	31.07	77.8	29.33	77.0	28.56	75.5	27.80	73.9	26.27
	-22.8	-23.0	69.0	29.34	67.6	27.79	66.3	26.23	65.7	25.55	64.4	24.86	63.0	23.48
	-24.8	-25.0	61.0	26.89	59.9	25.46	58.7	24.04	58.1	23.41	57.0	22.77	55.8	21.51
	-27.4	-28.0	49.1	22.93	48.2	21.72	47.3	20.50	46.8	19.96	45.8	19.42	44.9	18.33
	-29.9	-30.0	41.2	20.06	40.4	19.00	39.6	17.95	39.2	17.47	38.4	16.99	37.7	16.03
120	15.0	13.7	157.0	45.10	154.0	42.68	151.1	40.26	149.6	39.26	146.6	38.27	143.6	36.28
	13.0	11.8	157.0	45.68	154.0	43.23	151.1	40.78	149.6	39.77	146.6	38.76	143.6	36.74
	11.0	9.8	157.0	46.33	154.0	43.84	151.1	41.36	149.6	40.33	146.6	39.30	143.6	37.25
	9.0	7.9	157.0	46.98	154.0	44.46	151.1	41.94	149.6	40.90	146.6	39.85	143.6	37.76
	8.3	6.1	157.0	47.63	154.0	45.08	151.1	42.53	149.6	41.47	146.6	40.40	143.6	38.28
	5.0	4.1	157.0	48.26	154.0	45.81	151.1	43.22	149.6	42.14	146.6	41.05	143.6	38.89
	2.5	1.7	157.0	48.26	154.0	46.75	151.1	44.11	149.6	43.00	146.6	41.89	143.6	39.68
	0.0	-0.7	149.2	47.89	146.4	45.33	143.5	42.77	142.1	41.69	139.3	40.61	136.4	38.46
	-3.0	-3.7	139.3	45.93	136.7	43.47	134.0	41.02	132.7	39.98	130.1	38.94	127.4	36.87
	-5.0	-5.6	133.1	44.66	130.5	42.28	128.0	39.89	126.7	38.88	124.2	37.87	121.7	35.84
	-7.0	-7.6	126.5	43.31	124.1	41.00	121.7	38.69	120.5	37.70	118.0	36.72	115.6	34.75
	-10.0	-10.5	116.9	41.31	114.7	39.10	112.5	36.90	111.3	35.96	109.1	35.01	106.9	33.13
	-14.5	-15.0	102.1	38.07	100.1	36.04	98.2	34.02	97.2	33.14	95.3	32.26	93.3	30.51
	-19.5	-20.0	83.2	33.27	81.6	31.51	80.1	29.74	79.3	28.97	77.7	28.19	76.1	26.64
	-22.8	-23.0	71.0	29.76	69.6	28.18	68.3	26.60	67.6	25.91	66.2	25.21	64.9	23.82
	-24.8	-25.0	62.8	27.27	61.6	25.82	60.4	24.38	59.8	23.74	58.6	23.10	57.4	21.81
	-27.4	-28.0	50.6	23.25	49.6	22.02	48.6	20.79	48.2	20.24	47.2	19.69	46.2	18.59
	-29.9	-30.0	42.4	20.35	41.6	19.27	40.8	18.20	40.4	17.71	39.6	17.23	38.8	16.26
130	15.0	13.7	160.8	45.50	157.7	43.06	154.7	40.62	153.1	39.61	150.1	38.61	147.0	36.60
	13.0	11.8	160.8	46.09	157.7	43.61	154.7	41.14	153.1	40.12	150.1	39.10	147.0	37.06
	11.0	9.8	160.8	46.74	157.7	44.23	154.7	41.73	153.1	40.69	150.1	39.65	147.0	37.58
	9.0	7.9	160.8	47.40	157.7	44.85	154.7	42.31	153.1	41.26	150.1	40.21	147.0	38.10
	8.3	6.1	160.8	48.05	157.7	45.48	154.7	42.90	153.1	41.83	150.1	40.76	147.0	38.62
	5.0	4.1	160.8	48.69	157.7	46.21	154.7	43.60	153.1	42.51	150.1	41.42	147.0	39.23
	2.5	1.7	160.8	48.69	157.7	47.16	154.7	44.50	153.1	43.38	150.1	42.26	147.0	40.03
	0.0	-0.7	152.8	48.31	149.9	45.73	147.0	43.14	145.5	42.06	142.6	40.97	139.7	38.80
	-3.0	-3.7	142.7	46.33	139.9	43.86	137.2	41.38	135.9	40.34	133.1	39.29	130.4	37.19
	-5.0	-5.6	136.2	45.06	133.6	42.65	131.1	40.25	129.8	39.23	127.2	38.20	124.6	36.16
	-7.0	-7.6	129.5	43.69	127.0	41.36	124.6	39.03	123.3	38.04	120.9	37.04	118.4	35.06
	-10.0	-10.5	119.7	41.67	117.4	39.45	115.1	37.23	114.0	36.28	111.7	35.32	109.4	33.42
	-14.5	-15.0	104.5	38.41	102.5	36.36	100.5	34.32	99.5	33.44	97.5	32.55	95.5	30.78
	-19.5	-20.0	85.2	33.57	83.6	31.79	82.0	30.00	81.2	29.22	79.5	28.44	77.9	26.88
	-22.8	-23.0	72.7	30.02	71.3	28.43	69.9	26.84	69.2	26.14	67.8	25.43	66.4	24.03
	-24.8	-25.0	64.3	27.51	63.1	26.05	61.9	24.60	61.2	23.95	60.0	23.30	58.8	22.01
	-27.4	-28.0	51.8	23.46	50.8	22.22	49.8	20.98	49.3	20.42	48.3	19.87	47.3	18.76
	-29.9	-30.0	43.4	20.53	42.6	19.44	41.8	18.36	41.3	17.87	40.5	17.38	39.7	16.41

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	134.6	39.41	132.0	37.30	129.5	35.18	128.2	34.31	125.6	33.44	123.1	31.70
	13.0	11.8	134.6	39.92	132.0	37.78	129.5	35.64	128.2	34.75	125.6	33.87	123.1	32.10
	11.0	9.8	134.6	40.49	132.0	38.31	129.5	36.14	128.2	35.24	125.6	34.35	123.1	32.55
	9.0	7.9	134.6	41.05	132.0	38.85	129.5	36.65	128.2	35.74	125.6	34.83	123.1	33.00
	8.3	6.1	134.6	41.62	132.0	39.39	129.5	37.16	128.2	36.23	125.6	35.31	123.1	33.45
	5.0	4.1	134.6	42.18	132.0	40.03	129.5	37.77	128.2	36.82	125.6	35.87	123.1	33.98
	2.5	1.7	134.6	42.18	132.0	40.85	129.5	38.54	128.2	37.58	125.6	36.61	123.1	34.67
	0.0	-0.7	127.9	41.85	125.5	39.61	123.0	37.37	121.8	36.43	119.4	35.49	117.0	33.60
	-3.0	-3.7	119.4	40.13	117.2	37.99	114.9	35.85	113.7	34.94	111.5	34.03	109.2	32.22
	-5.0	-5.6	114.1	39.03	111.9	36.94	109.7	34.86	108.6	33.98	106.5	33.09	104.3	31.32
	-7.0	-7.6	108.4	37.85	106.3	35.83	104.3	33.81	103.2	32.95	101.2	32.09	99.1	30.36
	-10.0	-10.5	100.2	36.09	98.3	34.17	96.4	32.25	95.4	31.42	93.5	30.60	91.6	28.95
	-14.5	-15.0	87.5	33.27	85.8	31.50	84.2	29.73	83.3	28.96	81.7	28.19	80.0	26.66
	-19.5	-20.0	71.3	29.08	70.0	27.53	68.6	25.99	67.9	25.31	66.6	24.64	65.2	23.28
	-22.8	-23.0	60.8	26.00	59.7	24.63	58.5	23.25	57.9	22.64	56.8	22.03	55.6	20.81
	-24.8	-25.0	53.8	23.83	52.8	22.57	51.8	21.30	51.3	20.74	50.3	20.18	49.2	19.06
	-27.4	-28.0	43.3	20.32	42.5	19.25	41.7	18.17	41.3	17.69	40.5	17.21	39.6	16.25
	-29.9	-30.0	36.3	17.78	35.7	16.84	35.0	15.90	34.6	15.48	33.9	15.06	33.2	14.21
80	15.0	13.7	119.6	34.66	117.4	32.80	115.1	30.94	114.0	30.18	111.7	29.41	109.4	27.88
	13.0	11.8	119.6	35.11	117.4	33.22	115.1	31.34	114.0	30.56	111.7	29.79	109.4	28.23
	11.0	9.8	119.6	35.61	117.4	33.70	115.1	31.79	114.0	31.00	111.7	30.21	109.4	28.63
	9.0	7.9	119.6	36.10	117.4	34.17	115.1	32.23	114.0	31.43	111.7	30.63	109.4	29.02
	8.3	6.1	119.6	36.61	117.4	34.64	115.1	32.68	114.0	31.87	111.7	31.05	109.4	29.42
	5.0	4.1	119.6	37.09	117.4	35.21	115.1	33.21	114.0	32.38	111.7	31.55	109.4	29.89
	2.5	1.7	119.6	37.09	117.4	35.93	115.1	33.90	114.0	33.05	111.7	32.19	109.4	30.49
	0.0	-0.7	113.7	36.80	111.5	34.83	109.4	32.87	108.3	32.04	106.1	31.21	104.0	29.55
	-3.0	-3.7	106.2	35.30	104.1	33.41	102.1	31.52	101.1	30.73	99.1	29.93	97.1	28.33
	-5.0	-5.6	101.4	34.32	99.5	32.49	97.5	30.66	96.6	29.88	94.6	29.10	92.7	27.55
	-7.0	-7.6	96.4	33.28	94.5	31.51	92.7	29.73	91.8	28.98	89.9	28.22	88.1	26.70
	-10.0	-10.5	89.1	31.74	87.4	30.05	85.7	28.36	84.8	27.63	83.1	26.91	81.4	25.46
	-14.5	-15.0	77.8	29.26	76.3	27.70	74.8	26.14	74.1	25.47	72.6	24.80	71.1	23.45
	-19.5	-20.0	63.4	25.57	62.2	24.21	61.0	22.86	60.4	22.26	59.2	21.67	58.0	20.48
	-22.8	-23.0	54.1	22.87	53.1	21.66	52.0	20.45	51.5	19.91	50.5	19.37	49.4	18.30
	-24.8	-25.0	47.9	20.96	46.9	19.85	46.0	18.74	45.6	18.24	44.7	17.75	43.8	16.76
	-27.4	-28.0	38.5	17.87	37.8	16.93	37.1	15.98	36.7	15.56	36.0	15.13	35.2	14.29
	-29.9	-30.0	32.3	15.64	31.7	14.81	31.1	13.99	30.8	13.61	30.2	13.24	29.5	12.50
70	15.0	13.7	104.7	30.01	102.7	28.40	100.7	26.79	99.7	26.13	97.7	25.46	95.7	24.14
	13.0	11.8	104.7	30.40	102.7	28.77	100.7	27.13	99.7	26.46	97.7	25.79	95.7	24.44
	11.0	9.8	104.7	30.83	102.7	29.17	100.7	27.52	99.7	26.84	97.7	26.15	95.7	24.78
	9.0	7.9	104.7	31.26	102.7	29.58	100.7	27.91	99.7	27.21	97.7	26.52	95.7	25.13
	8.3	6.1	104.7	31.69	102.7	30.00	100.7	28.30	99.7	27.59	97.7	26.88	95.7	25.47
	5.0	4.1	104.7	32.11	102.7	30.48	100.7	28.76	99.7	28.04	97.7	27.32	95.7	25.88
	2.5	1.7	104.7	32.11	102.7	31.11	100.7	29.35	99.7	28.61	97.7	27.87	95.7	26.40
	0.0	-0.7	99.5	31.86	97.6	30.16	95.7	28.46	94.8	27.74	92.9	27.02	91.0	25.59
	-3.0	-3.7	92.9	30.56	91.1	28.93	89.4	27.29	88.5	26.60	86.7	25.91	84.9	24.53
	-5.0	-5.6	88.7	29.72	87.0	28.13	85.3	26.54	84.5	25.87	82.8	25.20	81.1	23.85
	-7.0	-7.6	84.3	28.82	82.7	27.28	81.1	25.74	80.3	25.09	78.7	24.43	77.1	23.12
	-10.0	-10.5	77.9	27.48	76.5	26.02	75.0	24.55	74.2	23.93	72.7	23.30	71.3	22.04
	-14.5	-15.0	68.0	25.33	66.8	23.98	65.5	22.64	64.8	22.05	63.5	21.47	62.2	20.30
	-19.5	-20.0	55.5	22.14	54.4	20.96	53.4	19.79	52.8	19.27	51.8	18.76	50.7	17.73
	-22.8	-23.0	47.3	19.80	46.4	18.75	45.5	17.70	45.1	17.24	44.2	16.77	43.3	15.85
	-24.8	-25.0	41.9	18.14	41.1	17.18	40.3	16.22	39.9	15.80	39.1	15.37	38.3	14.51
	-27.4	-28.0	33.7	15.47	33.1	14.65	32.4	13.84	32.1	13.47	31.5	13.10	30.8	12.37
	-29.9	-30.0	28.3	13.54	27.7	12.82	27.2	12.11	26.9	11.79	26.4	11.46	25.8	10.82

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP4561FT6P-UL/MMY-UP4561FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	157.9	47.06	154.9	44.53	151.9	42.00	150.4	40.96	147.3	39.93	144.3	37.85
	13.0	11.8	157.9	47.66	154.9	45.10	151.9	42.55	150.4	41.49	147.3	40.44	144.3	38.33
	11.0	9.8	157.9	48.34	154.9	45.74	151.9	43.15	150.4	42.08	147.3	41.01	144.3	38.86
	9.0	7.9	157.9	49.01	154.9	46.39	151.9	43.76	150.4	42.67	147.3	41.58	144.3	39.40
	8.3	6.1	157.9	49.69	154.9	47.03	151.9	44.37	150.4	43.26	147.3	42.15	144.3	39.94
	5.0	4.1	157.9	50.50	154.9	47.79	151.9	45.09	150.4	43.96	147.3	42.83	144.3	40.57
	2.5	1.7	157.9	51.40	154.9	48.77	151.9	46.02	150.4	44.86	147.3	43.71	144.3	41.39
	0.0	-0.7	150.0	49.96	147.2	47.29	144.3	44.62	142.9	43.49	140.0	42.37	137.2	40.12
	-3.0	-3.7	140.1	47.92	137.4	45.36	134.7	42.80	133.4	41.71	130.7	40.63	128.1	38.46
	-5.0	-5.6	133.8	46.60	131.2	44.11	128.7	41.62	127.4	40.56	124.9	39.51	122.3	37.39
	-7.0	-7.6	127.1	45.19	124.7	42.78	122.3	40.36	121.1	39.34	118.7	38.31	116.2	36.25
	-10.0	-10.5	117.5	43.09	115.3	40.80	113.1	38.50	111.9	37.52	109.7	36.53	107.5	34.56
	-14.5	-15.0	102.6	39.72	100.7	37.61	98.7	35.49	97.7	34.58	95.8	33.66	93.8	31.83
	-19.5	-20.0	83.7	34.71	82.1	32.87	80.5	31.03	79.7	30.22	78.1	29.41	76.5	27.80
	-22.8	-23.0	71.4	31.05	70.0	29.40	68.6	27.76	68.0	27.03	66.6	26.30	65.2	24.85
	-24.8	-25.0	63.1	28.45	61.9	26.94	60.7	25.44	60.1	24.77	58.9	24.10	57.7	22.76
	-27.4	-28.0	50.8	24.26	49.9	22.98	48.9	21.70	48.4	21.12	47.4	20.55	46.5	19.40
	-29.9	-30.0	42.6	21.23	41.8	20.11	41.0	18.99	40.6	18.48	39.8	17.98	39.0	16.97
110	15.0	13.7	161.0	47.28	158.0	44.74	154.9	42.20	153.4	41.16	150.3	40.11	147.2	38.02
	13.0	11.8	161.0	47.88	158.0	45.31	154.9	42.74	153.4	41.68	150.3	40.62	147.2	38.51
	11.0	9.8	161.0	48.56	158.0	45.96	154.9	43.35	153.4	42.27	150.3	41.20	147.2	39.04
	9.0	7.9	161.0	49.24	158.0	46.60	154.9	43.96	153.4	42.87	150.3	41.77	147.2	39.58
	8.3	6.1	161.0	49.93	158.0	47.25	154.9	44.58	153.4	43.46	150.3	42.35	147.2	40.12
	5.0	4.1	161.0	50.73	158.0	48.02	154.9	45.30	153.4	44.16	150.3	43.03	147.2	40.76
	2.5	1.7	161.0	51.64	158.0	49.00	154.9	46.23	153.4	45.07	150.3	43.91	147.2	41.59
	0.0	-0.7	153.0	50.19	150.1	47.51	147.2	44.83	145.7	43.70	142.8	42.57	139.9	40.31
	-3.0	-3.7	142.9	48.14	140.2	45.57	137.4	43.00	136.1	41.91	133.4	40.82	130.6	38.64
	-5.0	-5.6	136.5	46.81	133.9	44.31	131.3	41.81	130.0	40.75	127.4	39.69	124.8	37.57
	-7.0	-7.6	129.7	45.40	127.2	42.97	124.8	40.55	123.5	39.52	121.0	38.49	118.6	36.42
	-10.0	-10.5	119.9	43.29	117.6	40.99	115.3	38.68	114.2	37.69	111.9	36.70	109.6	34.72
	-14.5	-15.0	104.7	39.90	102.7	37.78	100.7	35.66	99.7	34.74	97.7	33.82	95.7	31.98
	-19.5	-20.0	85.3	34.88	83.7	33.02	82.1	31.17	81.3	30.36	79.7	29.55	78.0	27.93
	-22.8	-23.0	72.8	31.19	71.4	29.54	70.0	27.89	69.3	27.15	67.9	26.42	66.5	24.96
	-24.8	-25.0	64.4	28.58	63.2	27.07	62.0	25.55	61.3	24.88	60.1	24.21	58.9	22.86
	-27.4	-28.0	51.9	24.37	50.9	23.08	49.9	21.80	49.4	21.22	48.4	20.64	47.4	19.49
	-29.9	-30.0	43.5	21.33	42.6	20.20	41.8	19.08	41.4	18.57	40.6	18.06	39.8	17.04
120	15.0	13.7	165.8	47.95	162.6	45.37	159.4	42.80	157.9	41.74	154.7	40.68	151.6	38.56
	13.0	11.8	165.8	48.56	162.6	45.96	159.4	43.35	157.9	42.27	154.7	41.20	151.6	39.05
	11.0	9.8	165.8	49.25	162.6	46.61	159.4	43.96	157.9	42.87	154.7	41.78	151.6	39.60
	9.0	7.9	165.8	49.94	162.6	47.26	159.4	44.58	157.9	43.47	154.7	42.36	151.6	40.14
	8.3	6.1	165.8	50.63	162.6	47.92	159.4	45.21	157.9	44.08	154.7	42.95	151.6	40.69
	5.0	4.1	165.8	51.45	162.6	48.69	159.4	45.94	157.9	44.79	154.7	43.64	151.6	41.34
	2.5	1.7	165.8	52.37	162.6	49.70	159.4	46.89	157.9	45.71	154.7	44.53	151.6	42.18
	0.0	-0.7	157.5	50.90	154.5	48.18	151.5	45.46	150.0	44.31	147.0	43.17	144.0	40.88
	-3.0	-3.7	147.1	48.82	144.3	46.21	141.5	43.60	140.1	42.50	137.3	41.40	134.5	39.19
	-5.0	-5.6	140.5	47.48	137.8	44.94	135.1	42.41	133.8	41.33	131.1	40.25	128.4	38.10
	-7.0	-7.6	133.5	46.04	131.0	43.58	128.4	41.13	127.1	40.08	124.6	39.03	122.1	36.94
	-10.0	-10.5	123.4	43.91	121.1	41.57	118.7	39.23	117.5	38.22	115.2	37.22	112.8	35.21
	-14.5	-15.0	107.7	40.47	105.7	38.31	103.6	36.16	102.6	35.23	100.6	34.30	98.5	32.43
	-19.5	-20.0	87.9	35.37	86.2	33.49	84.5	31.61	83.7	30.79	82.0	29.97	80.3	28.32
	-22.8	-23.0	74.9	31.63	73.5	29.96	72.1	28.28	71.4	27.54	69.9	26.80	68.5	25.32
	-24.8	-25.0	66.3	28.98	65.0	27.45	63.8	25.92	63.1	25.23	61.9	24.55	60.6	23.19
	-27.4	-28.0	53.4	24.72	52.4	23.41	51.3	22.10	50.8	21.52	49.8	20.93	48.8	19.76
	-29.9	-30.0	44.8	21.63	43.9	20.49	43.1	19.35	42.6	18.83	41.8	18.32	40.9	17.29
130	15.0	13.7	169.7	48.37	166.5	45.77	163.2	43.17	161.6	42.11	158.4	41.04	155.2	38.90
	13.0	11.8	169.7	48.99	166.5	46.36	163.2	43.73	161.6	42.65	158.4	41.56	155.2	39.40
	11.0	9.8	169.7	49.68	166.5	47.02	163.2	44.35	161.6	43.25	158.4	42.15	155.2	39.95
	9.0	7.9	169.7	50.38	166.5	47.68	163.2	44.98	161.6	43.86	158.4	42.74	155.2	40.50
	8.3	6.1	169.7	51.08	166.5	48.34	163.2	45.61	161.6	44.47	158.4	43.33	155.2	41.05
	5.0	4.1	169.7	51.91	166.5	49.13	163.2	46.35	161.6	45.19	158.4	44.03	155.2	41.71
	2.5	1.7	169.7	52.83	166.5	50.14	163.2	47.30	161.6	46.11	158.4	44.92	155.2	42.55
	0.0	-0.7	161.3	51.36	158.2	48.61	155.1	45.86	153.6	44.71	150.5	43.55	147.5	41.24
	-3.0	-3.7	150.6	49.25	147.7	46.62	144.8	43.99	143.4	42.88	140.5	41.76	137.7	39.54
	-5.0	-5.6	143.8	47.90	141.1	45.34	138.3	42.78	137.0	41.70	134.2	40.61	131.5	38.44
	-7.0	-7.6	136.7	46.45	134.1	43.97	131.5	41.49	130.2	40.43	127.6	39.38	125.0	37.26
	-10.0	-10.5	126.3	44.30	123.9	41.94	121.5	39.57	120.3	38.56	117.9	37.55	115.5	35.52
	-14.5	-15.0	110.3	40.83	108.2	38.65	106.1	36.48	105.1	35.54	103.0	34.60	100.9	32.72
	-19.5	-20.0	89.9	35.68	88.2	33.79	86.5	31.89	85.7	31.06	83.9	30.23	82.2	28.57
	-22.8	-23.0	76.7	31.91	75.2	30.22	73.8	28.53	73.1	27.78	71.6	27.04	70.1	25.54
	-24.8	-25.0	67.9	29.24	66.6	27.69	65.3	26.15	64.7	25.46	63.4	24.77	62.1	23.39
	-27.4	-28.0	54.6	24.94	53.6	23.62	52.6	22.30	52.0	21.71	51.0	21.12	50.0	19.94
	-29.9	-30.0	45.8	21.82	44.9	20.67	44.1	19.52	43.6	19.00	42.8	18.48	41.9	17.44

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	142.1	41.90	139.4	39.65	136.7	37.40	135.3	36.47	132.6	35.55	129.9	33.70
	13.0	11.8	142.1	42.44	139.4	40.16	136.7	37.88	135.3	36.94	132.6	36.00	129.9	34.12
	11.0	9.8	142.1	43.04	139.4	40.73	136.7	38.42	135.3	37.46	132.6	36.51	129.9	34.60
	9.0	7.9	142.1	43.64	139.4	41.30	136.7	38.96	135.3	37.99	132.6	37.02	129.9	35.08
	8.3	6.1	142.1	44.25	139.4	41.87	136.7	39.50	135.3	38.52	132.6	37.53	129.9	35.56
	5.0	4.1	142.1	44.96	139.4	42.55	136.7	40.14	135.3	39.14	132.6	38.13	129.9	36.13
	2.5	1.7	142.1	45.76	139.4	43.43	136.7	40.97	135.3	39.94	132.6	38.91	129.9	36.86
	0.0	-0.7	135.0	44.48	132.4	42.10	129.9	39.73	128.6	38.72	126.0	37.72	123.4	35.72
	-3.0	-3.7	126.1	42.66	123.7	40.38	121.3	38.10	120.1	37.14	117.7	36.17	115.3	34.25
	-5.0	-5.6	120.4	41.49	118.1	39.27	115.8	37.06	114.7	36.12	112.4	35.18	110.1	33.29
	-7.0	-7.6	114.4	40.23	112.3	38.08	110.1	35.94	109.0	35.02	106.8	34.11	104.6	32.28
	-10.0	-10.5	105.8	38.37	103.8	36.32	101.8	34.28	100.7	33.40	98.7	32.52	96.7	30.77
	-14.5	-15.0	92.4	35.36	90.6	33.48	88.8	31.60	88.0	30.79	86.2	29.97	84.4	28.34
	-19.5	-20.0	75.3	30.91	73.9	29.27	72.4	27.63	71.7	26.91	70.3	26.19	68.8	24.75
	-22.8	-23.0	64.2	27.64	63.0	26.18	61.8	24.71	61.2	24.07	59.9	23.42	58.7	22.12
	-24.8	-25.0	56.8	25.33	55.8	23.99	54.7	22.65	54.1	22.05	53.0	21.45	52.0	20.26
	-27.4	-28.0	45.8	21.60	44.9	20.46	44.0	19.32	43.6	18.80	42.7	18.29	41.8	17.27
	-29.9	-30.0	38.4	18.90	37.6	17.90	36.9	16.91	36.5	16.46	35.8	16.01	35.1	15.11
80	15.0	13.7	126.3	36.85	123.9	34.87	121.5	32.89	120.3	32.08	117.9	31.26	115.5	29.64
	13.0	11.8	126.3	37.32	123.9	35.32	121.5	33.31	120.3	32.49	117.9	31.66	115.5	30.01
	11.0	9.8	126.3	37.85	123.9	35.82	121.5	33.79	120.3	32.95	117.9	32.11	115.5	30.43
	9.0	7.9	126.3	38.38	123.9	36.32	121.5	34.26	120.3	33.41	117.9	32.56	115.5	30.85
	8.3	6.1	126.3	38.91	123.9	36.83	121.5	34.74	120.3	33.87	117.9	33.01	115.5	31.27
	5.0	4.1	126.3	39.54	123.9	37.42	121.5	35.31	120.3	34.42	117.9	33.54	115.5	31.77
	2.5	1.7	126.3	40.25	123.9	38.19	121.5	36.03	120.3	35.13	117.9	34.22	115.5	32.41
	0.0	-0.7	120.0	39.12	117.7	37.03	115.4	34.94	114.3	34.06	112.0	33.18	109.7	31.42
	-3.0	-3.7	112.1	37.52	109.9	35.51	107.8	33.51	106.7	32.66	104.6	31.81	102.5	30.12
	-5.0	-5.6	107.0	36.49	105.0	34.54	102.9	32.59	101.9	31.76	99.9	30.94	97.8	29.28
	-7.0	-7.6	101.7	35.38	99.8	33.49	97.8	31.61	96.9	30.80	94.9	30.00	93.0	28.39
	-10.0	-10.5	94.0	33.74	92.2	31.95	90.4	30.15	89.5	29.38	87.8	28.60	86.0	27.06
	-14.5	-15.0	82.1	31.10	80.5	29.45	79.0	27.79	78.2	27.07	76.6	26.36	75.1	24.92
	-19.5	-20.0	66.9	27.18	65.7	25.74	64.4	24.30	63.7	23.66	62.5	23.03	61.2	21.77
	-22.8	-23.0	57.1	24.31	56.0	23.02	54.9	21.73	54.4	21.16	53.3	20.59	52.2	19.46
	-24.8	-25.0	50.5	22.28	49.6	21.10	48.6	19.92	48.1	19.39	47.2	18.87	46.2	17.82
	-27.4	-28.0	40.7	19.00	39.9	17.99	39.1	16.99	38.7	16.54	38.0	16.09	37.2	15.19
	-29.9	-30.0	34.1	16.62	33.5	15.74	32.8	14.87	32.5	14.47	31.8	14.08	31.2	13.28
70	15.0	13.7	110.5	31.90	108.4	30.19	106.3	28.48	105.2	27.77	103.1	27.07	101.0	25.66
	13.0	11.8	110.5	32.31	108.4	30.58	106.3	28.84	105.2	28.13	103.1	27.41	101.0	25.98
	11.0	9.8	110.5	32.77	108.4	31.01	106.3	29.25	105.2	28.53	103.1	27.80	101.0	26.35
	9.0	7.9	110.5	33.23	108.4	31.45	106.3	29.67	105.2	28.93	103.1	28.19	101.0	26.71
	8.3	6.1	110.5	33.69	108.4	31.88	106.3	30.08	105.2	29.33	103.1	28.58	101.0	27.08
	5.0	4.1	110.5	34.23	108.4	32.40	106.3	30.57	105.2	29.80	103.1	29.04	101.0	27.51
	2.5	1.7	110.5	34.85	108.4	33.07	106.3	31.20	105.2	30.41	103.1	29.63	101.0	28.06
	0.0	-0.7	105.0	33.87	103.0	32.06	101.0	30.25	100.0	29.49	98.0	28.72	96.0	27.20
	-3.0	-3.7	98.1	32.48	96.2	30.75	94.3	29.01	93.4	28.28	91.5	27.54	89.6	26.08
	-5.0	-5.6	93.6	31.59	91.9	29.90	90.1	28.22	89.2	27.50	87.4	26.78	85.6	25.35
	-7.0	-7.6	89.0	30.63	87.3	29.00	85.6	27.36	84.8	26.67	83.1	25.97	81.4	24.58
	-10.0	-10.5	82.3	29.22	80.7	27.66	79.1	26.10	78.4	25.43	76.8	24.77	75.2	23.43
	-14.5	-15.0	71.8	26.93	70.5	25.49	69.1	24.06	68.4	23.44	67.0	22.82	65.7	21.58
	-19.5	-20.0	58.6	23.53	57.5	22.29	56.3	21.04	55.8	20.49	54.7	19.94	53.5	18.84
	-22.8	-23.0	49.9	21.05	49.0	19.93	48.0	18.82	47.6	18.32	46.6	17.83	45.7	16.85
	-24.8	-25.0	44.2	19.29	43.4	18.27	42.5	17.24	42.1	16.79	41.3	16.34	40.4	15.43
	-27.4	-28.0	35.6	16.45	34.9	15.58	34.2	14.71	33.9	14.32	33.2	13.93	32.5	13.15
	-29.9	-30.0	29.8	14.39	29.3	13.63	28.7	12.87	28.4	12.53	27.8	12.19	27.3	11.50

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP4801FT6P-UL/MMY-UP4801FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	166.2	50.39	163.0	47.68	159.8	44.97	158.3	43.86	155.1	42.75	151.9	40.53
	13.0	11.8	166.2	51.03	163.0	48.29	159.8	45.56	158.3	44.43	155.1	43.30	151.9	41.04
	11.0	9.8	166.2	51.75	163.0	48.98	159.8	46.20	158.3	45.05	155.1	43.91	151.9	41.61
	9.0	7.9	166.2	52.48	163.0	49.67	159.8	46.85	158.3	45.69	155.1	44.52	151.9	42.19
	8.3	6.1	166.2	52.55	163.0	50.36	159.8	47.51	158.3	46.32	155.1	45.13	151.9	42.76
	5.0	4.1	166.2	52.55	163.0	51.17	159.8	48.28	158.3	47.07	155.1	45.86	151.9	43.44
	2.5	1.7	166.2	52.55	163.0	52.22	159.8	49.27	158.3	48.03	155.1	46.80	151.9	44.32
	0.0	-0.7	157.9	52.55	154.9	50.63	151.9	47.77	150.4	46.57	147.4	45.37	144.4	42.96
	-3.0	-3.7	147.4	51.30	144.6	48.56	141.8	45.82	140.4	44.66	137.6	43.50	134.8	41.18
	-5.0	-5.6	140.8	49.89	138.1	47.23	135.5	44.57	134.1	43.43	131.4	42.30	128.7	40.04
	-7.0	-7.6	133.8	48.38	131.3	45.80	128.7	43.22	127.5	42.12	124.9	41.02	122.4	38.82
	-10.0	-10.5	123.7	46.14	121.4	43.68	119.0	41.22	117.8	40.17	115.5	39.11	113.1	37.00
	-14.5	-15.0	108.0	42.53	106.0	40.26	103.9	38.00	102.9	37.02	100.8	36.04	98.8	34.08
	-19.5	-20.0	88.1	37.17	86.4	35.20	84.7	33.22	83.9	32.36	82.2	31.49	80.5	29.76
	-22.8	-23.0	75.1	33.24	73.7	31.48	72.3	29.72	71.5	28.94	70.1	28.16	68.7	26.60
	-24.8	-25.0	66.5	30.46	65.2	28.85	63.9	27.23	63.3	26.52	62.0	25.80	60.8	24.37
	-27.4	-28.0	53.5	25.98	52.5	24.60	51.5	23.23	51.0	22.61	49.9	22.00	48.9	20.77
	-29.9	-30.0	44.9	22.73	44.0	21.53	43.2	20.33	42.7	19.79	41.9	19.25	41.0	18.17
110	15.0	13.7	169.5	50.62	166.3	47.90	163.0	45.18	161.4	44.07	158.2	42.95	155.0	40.71
	13.0	11.8	169.5	51.27	166.3	48.52	163.0	45.77	161.4	44.63	158.2	43.50	155.0	41.23
	11.0	9.8	169.5	52.00	166.3	49.21	163.0	46.42	161.4	45.26	158.2	44.11	155.0	41.80
	9.0	7.9	169.5	52.73	166.3	49.90	163.0	47.07	161.4	45.90	158.2	44.73	155.0	42.38
	8.3	6.1	169.5	52.79	166.3	50.59	163.0	47.73	161.4	46.54	158.2	45.34	155.0	42.96
	5.0	4.1	169.5	52.79	166.3	51.41	163.0	48.50	161.4	47.29	158.2	46.07	155.0	43.65
	2.5	1.7	169.5	52.79	166.3	52.47	163.0	49.50	161.4	48.26	158.2	47.01	155.0	44.53
	0.0	-0.7	161.1	52.79	158.0	50.87	154.9	48.00	153.4	46.79	150.3	45.58	147.3	43.16
	-3.0	-3.7	150.4	51.54	147.5	48.79	144.7	46.04	143.2	44.87	140.4	43.71	137.5	41.38
	-5.0	-5.6	143.6	50.12	140.9	47.45	138.2	44.77	136.8	43.64	134.1	42.50	131.3	40.23
	-7.0	-7.6	136.5	48.61	133.9	46.01	131.3	43.42	130.0	42.31	127.4	41.21	124.8	39.00
	-10.0	-10.5	126.2	46.36	123.8	43.89	121.4	41.42	120.2	40.36	117.8	39.30	115.4	37.18
	-14.5	-15.0	110.2	42.72	108.1	40.45	106.0	38.18	104.9	37.19	102.8	36.21	100.7	34.24
	-19.5	-20.0	89.8	37.34	88.1	35.36	86.4	33.38	85.6	32.51	83.8	31.64	82.1	29.90
	-22.8	-23.0	76.6	33.40	75.2	31.63	73.7	29.86	73.0	29.08	71.5	28.29	70.0	26.73
	-24.8	-25.0	67.8	30.60	66.5	28.98	65.2	27.36	64.6	26.64	63.3	25.92	62.0	24.48
	-27.4	-28.0	54.6	26.10	53.5	24.72	52.5	23.34	52.0	22.72	50.9	22.10	49.9	20.86
	-29.9	-30.0	45.8	22.84	44.9	21.63	44.0	20.42	43.6	19.88	42.7	19.34	41.8	18.25
120	15.0	13.7	174.5	51.34	171.2	48.58	167.8	45.82	166.2	44.69	162.9	43.56	159.5	41.29
	13.0	11.8	174.5	52.00	171.2	49.21	167.8	46.41	166.2	45.26	162.9	44.11	159.5	41.81
	11.0	9.8	174.5	52.73	171.2	49.90	167.8	47.07	166.2	45.90	162.9	44.73	159.5	42.40
	9.0	7.9	174.5	53.47	171.2	50.60	167.8	47.74	166.2	46.55	162.9	45.36	159.5	42.98
	8.3	6.1	174.5	53.54	171.2	51.31	167.8	48.40	166.2	47.19	162.9	45.99	159.5	43.57
	5.0	4.1	174.5	53.54	171.2	52.14	167.8	49.19	166.2	47.96	162.9	46.73	159.5	44.26
	2.5	1.7	174.5	53.54	171.2	53.21	167.8	50.20	166.2	48.94	162.9	47.68	159.5	45.16
	0.0	-0.7	165.8	53.54	162.7	51.59	159.5	48.68	157.9	47.45	154.8	46.22	151.6	43.77
	-3.0	-3.7	154.8	52.27	151.9	49.48	148.9	46.69	147.4	45.51	144.5	44.32	141.6	41.96
	-5.0	-5.6	147.9	50.83	145.0	48.12	142.2	45.41	140.8	44.25	138.0	43.10	135.2	40.80
	-7.0	-7.6	140.5	49.29	137.9	46.66	135.2	44.04	133.8	42.91	131.2	41.79	128.5	39.55
	-10.0	-10.5	129.9	47.01	127.4	44.51	125.0	42.00	123.7	40.93	121.2	39.85	118.8	37.70
	-14.5	-15.0	113.4	43.33	111.3	41.02	109.1	38.72	108.0	37.72	105.9	36.72	103.7	34.72
	-19.5	-20.0	92.5	37.87	90.7	35.86	89.0	33.85	88.1	32.97	86.3	32.09	84.6	30.32
	-22.8	-23.0	78.9	33.87	77.4	32.08	75.9	30.28	75.1	29.49	73.6	28.69	72.1	27.11
	-24.8	-25.0	69.8	31.03	68.5	29.39	67.1	27.75	66.5	27.02	65.1	26.29	63.8	24.83
	-27.4	-28.0	56.2	26.47	55.1	25.07	54.0	23.67	53.5	23.04	52.4	22.41	51.4	21.16
	-29.9	-30.0	47.1	23.16	46.2	21.94	45.3	20.71	44.9	20.16	44.0	19.61	43.1	18.51
130	15.0	13.7	178.6	51.79	175.2	49.01	171.8	46.23	170.1	45.09	166.7	43.94	163.3	41.66
	13.0	11.8	178.6	52.46	175.2	49.64	171.8	46.83	170.1	45.67	166.7	44.50	163.3	42.18
	11.0	9.8	178.6	53.20	175.2	50.34	171.8	47.49	170.1	46.31	166.7	45.13	163.3	42.77
	9.0	7.9	178.6	53.95	175.2	51.05	171.8	48.16	170.1	46.96	166.7	45.76	163.3	43.36
	8.3	6.1	178.6	54.02	175.2	51.76	171.8	48.83	170.1	47.61	166.7	46.39	163.3	43.96
	5.0	4.1	178.6	54.02	175.2	52.60	171.8	49.62	170.1	48.38	166.7	47.14	163.3	44.66
	2.5	1.7	178.6	54.02	175.2	53.68	171.8	50.65	170.1	49.37	166.7	48.10	163.3	45.56
	0.0	-0.7	169.8	54.02	166.5	52.05	163.3	49.11	161.7	47.87	158.4	46.63	155.2	44.16
	-3.0	-3.7	158.5	52.74	155.5	49.92	152.5	47.10	151.0	45.91	147.9	44.72	144.9	42.33
	-5.0	-5.6	151.4	51.28	148.5	48.55	145.6	45.81	144.2	44.65	141.3	43.48	138.4	41.16
	-7.0	-7.6	143.9	49.73	141.1	47.08	138.4	44.42	137.0	43.29	134.3	42.16	131.5	39.90
	-10.0	-10.5	133.0	47.43	130.5	44.90	127.9	42.37	126.7	41.29	124.1	40.21	121.6	38.04
	-14.5	-15.0	116.1	43.71	113.9	41.39	111.7	39.06	110.6	38.06	108.4	37.05	106.2	35.03
	-19.5	-20.0	94.7	38.21	92.9	36.18	91.1	34.15	90.2	33.26	88.4	32.37	86.6	30.59
	-22.8	-23.0	80.7	34.17	79.2	32.36	77.7	30.55	76.9	29.75	75.4	28.95	73.8	27.35
	-24.8	-25.0	71.5	31.31	70.1	29.65	68.7	27.99	68.1	27.26	66.7	26.52	65.3	25.05
	-27.4	-28.0	57.5	26.70	56.4	25.29	55.3	23.88	54.8	23.24	53.7	22.61	52.6	21.35
	-29.9	-30.0	48.2	23.36	47.3	22.13	46.4	20.90	45.9	20.34	45.0	19.78	44.1	18.67

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	149.6	44.86	146.7	42.45	143.9	40.04	142.4	39.05	139.6	38.06	136.7	36.08
	13.0	11.8	149.6	45.44	146.7	43.00	143.9	40.56	142.4	39.55	139.6	38.55	136.7	36.54
	11.0	9.8	149.6	46.08	146.7	43.61	143.9	41.14	142.4	40.11	139.6	39.09	136.7	37.05
	9.0	7.9	149.6	46.73	146.7	44.22	143.9	41.72	142.4	40.68	139.6	39.64	136.7	37.56
	8.3	6.1	149.6	46.79	146.7	44.84	143.9	42.30	142.4	41.24	139.6	40.19	136.7	38.07
	5.0	4.1	149.6	46.79	146.7	45.56	143.9	42.98	142.4	41.91	139.6	40.83	136.7	38.68
	2.5	1.7	149.6	46.79	146.7	46.50	143.9	43.87	142.4	42.77	139.6	41.67	136.7	39.46
	0.0	-0.7	142.1	46.79	139.4	45.08	136.7	42.54	135.4	41.46	132.7	40.39	129.9	38.25
	-3.0	-3.7	132.7	45.68	130.2	43.24	127.6	40.80	126.4	39.77	123.9	38.73	121.3	36.67
	-5.0	-5.6	126.7	44.42	124.3	42.05	121.9	39.68	120.7	38.67	118.3	37.66	115.9	35.65
	-7.0	-7.6	120.5	43.08	118.2	40.78	115.9	38.48	114.7	37.50	112.4	36.52	110.1	34.56
	-10.0	-10.5	111.3	41.08	109.2	38.89	107.1	36.70	106.0	35.76	103.9	34.83	101.8	32.95
	-14.5	-15.0	97.2	37.86	95.4	35.85	93.5	33.84	92.6	32.96	90.7	32.09	88.9	30.34
	-19.5	-20.0	79.3	33.09	77.8	31.34	76.2	29.58	75.5	28.81	74.0	28.04	72.5	26.50
	-22.8	-23.0	67.6	29.60	66.3	28.03	65.0	26.46	64.4	25.77	63.1	25.07	61.8	23.69
	-24.8	-25.0	59.8	27.12	58.7	25.68	57.5	24.25	57.0	23.61	55.8	22.97	54.7	21.70
	-27.4	-28.0	48.2	23.13	47.2	21.90	46.3	20.68	45.9	20.13	44.9	19.59	44.0	18.49
	-29.9	-30.0	40.4	20.24	39.6	19.17	38.8	18.10	38.5	17.62	37.7	17.14	36.9	16.17
80	15.0	13.7	132.9	39.45	130.4	37.33	127.9	35.22	126.6	34.34	124.1	33.47	121.5	31.73
	13.0	11.8	132.9	39.96	130.4	37.82	127.9	35.67	126.6	34.79	124.1	33.90	121.5	32.13
	11.0	9.8	132.9	40.52	130.4	38.35	127.9	36.18	126.6	35.28	124.1	34.38	121.5	32.58
	9.0	7.9	132.9	41.09	130.4	38.89	127.9	36.69	126.6	35.77	124.1	34.86	121.5	33.03
	8.3	6.1	132.9	41.15	130.4	39.43	127.9	37.20	126.6	36.27	124.1	35.34	121.5	33.48
	5.0	4.1	132.9	41.15	130.4	40.07	127.9	37.80	126.6	36.86	124.1	35.91	121.5	34.02
	2.5	1.7	132.9	41.15	130.4	40.89	127.9	38.58	126.6	37.61	124.1	36.64	121.5	34.70
	0.0	-0.7	126.3	41.15	123.9	39.65	121.5	37.41	120.3	36.47	117.9	35.52	115.5	33.64
	-3.0	-3.7	118.0	40.17	115.7	38.03	113.5	35.88	112.3	34.97	110.1	34.06	107.8	32.25
	-5.0	-5.6	112.7	39.07	110.5	36.98	108.4	34.90	107.3	34.01	105.1	33.12	103.0	31.35
	-7.0	-7.6	107.1	37.88	105.0	35.86	103.0	33.84	102.0	32.98	99.9	32.12	97.9	30.39
	-10.0	-10.5	99.0	36.13	97.1	34.20	95.2	32.28	94.3	31.45	92.4	30.63	90.5	28.98
	-14.5	-15.0	86.4	33.30	84.8	31.53	83.1	29.76	82.3	28.99	80.7	28.22	79.0	26.69
	-19.5	-20.0	70.5	29.10	69.1	27.56	67.8	26.01	67.1	25.34	65.8	24.66	64.4	23.31
	-22.8	-23.0	60.1	26.03	58.9	24.65	57.8	23.27	57.2	22.66	56.1	22.05	54.9	20.83
	-24.8	-25.0	53.2	23.85	52.2	22.59	51.2	21.33	50.6	20.76	49.6	20.20	48.6	19.08
	-27.4	-28.0	42.8	20.34	42.0	19.26	41.2	18.19	40.8	17.71	40.0	17.23	39.1	16.26
	-29.9	-30.0	35.9	17.80	35.2	16.86	34.5	15.92	34.2	15.50	33.5	15.07	32.8	14.22
70	15.0	13.7	116.3	34.16	114.1	32.32	111.9	30.49	110.8	29.74	108.6	28.98	106.4	27.47
	13.0	11.8	116.3	34.60	114.1	32.74	111.9	30.88	110.8	30.12	108.6	29.35	106.4	27.82
	11.0	9.8	116.3	35.09	114.1	33.20	111.9	31.32	110.8	30.54	108.6	29.77	106.4	28.21
	9.0	7.9	116.3	35.58	114.1	33.67	111.9	31.76	110.8	30.97	108.6	30.18	106.4	28.60
	8.3	6.1	116.3	35.63	114.1	34.14	111.9	32.21	110.8	31.40	108.6	30.60	106.4	28.99
	5.0	4.1	116.3	35.63	114.1	34.69	111.9	32.73	110.8	31.91	108.6	31.09	106.4	29.45
	2.5	1.7	116.3	35.63	114.1	35.41	111.9	33.40	110.8	32.56	108.6	31.73	106.4	30.05
	0.0	-0.7	110.5	35.63	108.4	34.33	106.3	32.39	105.3	31.57	103.2	30.76	101.1	29.12
	-3.0	-3.7	103.2	34.78	101.2	32.92	99.3	31.07	98.3	30.28	96.3	29.49	94.4	27.92
	-5.0	-5.6	98.6	33.82	96.7	32.02	94.8	30.21	93.9	29.45	92.0	28.68	90.1	27.14
	-7.0	-7.6	93.7	32.80	91.9	31.05	90.1	29.30	89.2	28.55	87.4	27.81	85.7	26.32
	-10.0	-10.5	86.6	31.28	85.0	29.61	83.3	27.95	82.5	27.23	80.8	26.52	79.2	25.09
	-14.5	-15.0	75.6	28.83	74.2	27.30	72.7	25.76	72.0	25.10	70.6	24.43	69.1	23.11
	-19.5	-20.0	61.7	25.20	60.5	23.86	59.3	22.52	58.7	21.94	57.5	21.35	56.4	20.18
	-22.8	-23.0	52.6	22.54	51.6	21.34	50.6	20.15	50.1	19.62	49.1	19.09	48.1	18.04
	-24.8	-25.0	46.5	20.65	45.6	19.56	44.8	18.46	44.3	17.98	43.4	17.49	42.5	16.52
	-27.4	-28.0	37.5	17.61	36.7	16.68	36.0	15.75	35.7	15.33	35.0	14.91	34.2	14.08
	-29.9	-30.0	31.4	15.41	30.8	14.60	30.2	13.78	29.9	13.42	29.3	13.05	28.7	12.32

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP5041FT6P-UL/MMY-UP5041FT9P-UL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	174.5	53.63	171.2	50.94	167.8	48.05	166.2	46.86	162.9	45.67	159.5	43.30
	13.0	11.8	174.5	53.64	171.2	51.31	167.8	48.67	166.2	47.46	162.9	46.26	159.5	43.84
	11.0	9.8	174.5	53.65	171.2	51.68	167.8	49.36	166.2	48.13	162.9	46.91	159.5	44.46
	9.0	7.9	174.5	53.66	171.2	52.04	167.8	50.06	166.2	48.81	162.9	47.56	159.5	45.07
	8.3	6.1	174.5	53.70	171.2	52.17	167.8	50.75	166.2	49.49	162.9	48.22	159.5	45.69
	5.0	4.1	174.5	53.70	171.2	52.78	167.8	51.58	166.2	50.29	162.9	49.00	159.5	46.41
	2.5	1.7	174.5	53.70	171.2	53.15	167.8	52.64	166.2	51.32	162.9	50.00	159.5	47.35
	0.0	-0.7	165.8	53.70	162.7	53.70	159.5	51.04	157.9	49.75	154.8	48.47	151.6	45.90
	-3.0	-3.7	154.8	53.70	151.9	51.88	148.9	48.96	147.4	47.72	144.5	46.48	141.6	44.00
	-5.0	-5.6	147.9	53.30	145.0	50.46	142.2	47.61	140.8	46.40	138.0	45.19	135.2	42.78
	-7.0	-7.6	140.5	51.69	137.9	48.93	135.2	46.17	133.8	45.00	131.2	43.82	128.5	41.47
	-10.0	-10.5	129.9	49.30	127.4	46.67	125.0	44.04	123.7	42.92	121.2	41.79	118.8	39.53
	-14.5	-15.0	113.4	45.43	111.3	43.02	109.1	40.60	108.0	39.55	105.9	38.51	103.7	36.41
	-19.5	-20.0	92.5	39.71	90.7	37.60	89.0	35.50	88.1	34.57	86.3	33.65	84.6	31.80
	-22.8	-23.0	78.9	35.52	77.4	33.63	75.9	31.75	75.1	30.92	73.6	30.09	72.1	28.42
	-24.8	-25.0	69.8	32.54	68.5	30.82	67.1	29.10	66.5	28.33	65.1	27.57	63.8	26.03
	-27.4	-28.0	56.2	27.75	55.1	26.28	54.0	24.82	53.5	24.16	52.4	23.50	51.4	22.19
	-29.9	-30.0	47.1	24.28	46.2	23.00	45.3	21.72	44.9	21.14	44.0	20.56	43.1	19.41
110	15.0	13.7	178.0	53.88	174.6	51.18	171.2	48.27	169.5	47.08	166.1	45.89	162.7	43.50
	13.0	11.8	178.0	53.89	174.6	51.55	171.2	48.90	169.5	47.68	166.1	46.47	162.7	44.05
	11.0	9.8	178.0	53.90	174.6	51.92	171.2	49.59	169.5	48.36	166.1	47.13	162.7	44.66
	9.0	7.9	178.0	53.91	174.6	52.29	171.2	50.29	169.5	49.04	166.1	47.78	162.7	45.28
	8.3	6.1	178.0	53.95	174.6	52.42	171.2	50.99	169.5	49.72	166.1	48.45	162.7	45.90
	5.0	4.1	178.0	53.95	174.6	53.03	171.2	51.82	169.5	50.52	166.1	49.22	162.7	46.63
	2.5	1.7	178.0	53.95	174.6	53.40	171.2	52.88	169.5	51.56	166.1	50.23	162.7	47.57
	0.0	-0.7	169.1	53.95	165.9	53.95	162.7	51.28	161.1	49.99	157.9	48.69	154.6	46.11
	-3.0	-3.7	157.9	53.95	154.9	52.13	151.9	49.18	150.4	47.94	147.4	46.69	144.4	44.20
	-5.0	-5.6	150.8	53.55	147.9	50.69	145.1	47.83	143.6	46.62	140.8	45.40	137.9	42.98
	-7.0	-7.6	143.3	51.93	140.6	49.16	137.9	46.39	136.5	45.21	133.8	44.03	131.1	41.66
	-10.0	-10.5	132.5	49.53	130.0	46.89	127.5	44.25	126.2	43.12	123.7	41.98	121.1	39.72
	-14.5	-15.0	115.7	45.65	113.5	43.22	111.3	40.79	110.2	39.74	108.0	38.69	105.8	36.58
	-19.5	-20.0	94.3	39.90	92.5	37.78	90.7	35.66	89.8	34.73	88.0	33.80	86.2	31.95
	-22.8	-23.0	80.4	35.68	78.9	33.79	77.4	31.90	76.6	31.06	75.1	30.23	73.6	28.56
	-24.8	-25.0	71.2	32.69	69.8	30.96	68.5	29.23	67.8	28.46	66.4	27.69	65.1	26.16
	-27.4	-28.0	57.3	27.88	56.2	26.41	55.1	24.93	54.6	24.27	53.5	23.61	52.4	22.29
	-29.9	-30.0	48.1	24.40	47.1	23.11	46.2	21.82	45.8	21.24	44.9	20.66	43.9	19.50
120	15.0	13.7	183.2	54.64	179.7	51.90	176.2	48.96	174.5	47.74	171.0	46.53	167.5	44.11
	13.0	11.8	183.2	54.65	179.7	52.28	176.2	49.59	174.5	48.36	171.0	47.13	167.5	44.67
	11.0	9.8	183.2	54.67	179.7	52.65	176.2	50.29	174.5	49.04	171.0	47.79	167.5	45.29
	9.0	7.9	183.2	54.68	179.7	53.03	176.2	51.00	174.5	49.73	171.0	48.46	167.5	45.92
	8.3	6.1	183.2	54.71	179.7	53.16	176.2	51.71	174.5	50.42	171.0	49.13	167.5	46.55
	5.0	4.1	183.2	54.71	179.7	53.78	176.2	52.55	174.5	51.24	171.0	49.92	167.5	47.29
	2.5	1.7	183.2	54.71	179.7	54.15	176.2	53.63	174.5	52.29	171.0	50.94	167.5	48.25
	0.0	-0.7	174.1	54.71	170.8	54.71	167.5	52.00	165.8	50.69	162.5	49.38	159.2	46.76
	-3.0	-3.7	162.6	54.71	159.5	52.86	156.4	49.88	154.8	48.62	151.7	47.35	148.6	44.83
	-5.0	-5.6	155.3	54.31	152.3	51.41	149.3	48.51	147.9	47.28	144.9	46.05	141.9	43.58
	-7.0	-7.6	147.6	52.66	144.7	49.86	141.9	47.05	140.5	45.85	137.7	44.65	134.9	42.25
	-10.0	-10.5	136.4	50.23	133.8	47.55	131.2	44.87	129.9	43.73	127.3	42.58	124.7	40.28
	-14.5	-15.0	119.1	46.29	116.8	43.83	114.6	41.37	113.4	40.30	111.1	39.23	108.9	37.10
	-19.5	-20.0	97.1	40.46	95.3	38.31	93.4	36.17	92.5	35.22	90.6	34.28	88.8	32.40
	-22.8	-23.0	82.8	36.19	81.2	34.27	79.7	32.35	78.9	31.50	77.3	30.66	75.7	28.96
	-24.8	-25.0	73.3	33.16	71.9	31.40	70.5	29.65	69.8	28.87	68.4	28.09	67.0	26.53
	-27.4	-28.0	59.0	28.27	57.9	26.78	56.7	25.29	56.2	24.62	55.1	23.95	53.9	22.61
	-29.9	-30.0	49.5	24.74	48.5	23.44	47.6	22.13	47.1	21.54	46.2	20.95	45.2	19.77
130	15.0	13.7	187.6	55.13	184.0	52.36	180.4	49.39	178.6	48.17	175.1	46.95	171.5	44.50
	13.0	11.8	187.6	55.14	184.0	52.74	180.4	50.03	178.6	48.79	175.1	47.55	171.5	45.07
	11.0	9.8	187.6	55.15	184.0	53.12	180.4	50.74	178.6	49.48	175.1	48.22	171.5	45.70
	9.0	7.9	187.6	55.16	184.0	53.50	180.4	51.45	178.6	50.17	175.1	48.89	171.5	46.33
	8.3	6.1	187.6	55.20	184.0	53.63	180.4	52.17	178.6	50.87	175.1	49.57	171.5	46.96
	5.0	4.1	187.6	55.20	184.0	54.25	180.4	53.02	178.6	51.69	175.1	50.36	171.5	47.71
	2.5	1.7	187.6	55.20	184.0	54.63	180.4	54.11	178.6	52.75	175.1	51.39	171.5	48.67
	0.0	-0.7	178.3	55.20	174.9	55.20	171.5	52.46	169.8	51.14	166.4	49.82	163.0	47.18
	-3.0	-3.7	166.4	55.20	163.3	53.33	160.1	50.32	158.5	49.05	155.3	47.77	152.2	45.23
	-5.0	-5.6	158.9	54.79	155.9	51.86	152.9	48.94	151.4	47.70	148.4	46.45	145.3	43.97
	-7.0	-7.6	151.1	53.13	148.2	50.30	145.3	47.46	143.9	46.25	141.0	45.04	138.1	42.63
	-10.0	-10.5	139.6	50.67	137.0	47.97	134.3	45.27	133.0	44.11	130.3	42.95	127.7	40.64
	-14.5	-15.0	121.9	46.70	119.6	44.22	117.3	41.73	116.1	40.66	113.8	39.58	111.5	37.43
	-19.5	-20.0	99.4	40.82	97.5	38.65	95.6	36.49	94.7	35.54	92.8	34.59	90.9	32.68
	-22.8	-23.0	84.8	36.51	83.2	34.57	81.6	32.64	80.7	31.78	79.1	30.93	77.5	29.22
	-24.8	-25.0	75.0	33.45	73.6	31.68	72.2	29.91	71.5	29.12	70.0	28.33	68.6	26.76
	-27.4	-28.0	60.4	28.53	59.2	27.02	58.1	25.51	57.5	24.83	56.4	24.16	55.2	22.81
	-29.9	-30.0	50.6	24.96	49.7	23.64	48.7	22.33	48.2	21.73	47.3	21.14	46.3	19.95

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	157.0	47.75	154.0	45.35	151.1	42.78	149.6	41.72	146.6	40.66	143.6	38.55
	13.0	11.8	157.0	47.76	154.0	45.68	151.1	43.33	149.6	42.26	146.6	41.18	143.6	39.04
	11.0	9.8	157.0	47.77	154.0	46.01	151.1	43.95	149.6	42.86	146.6	41.76	143.6	39.58
	9.0	7.9	157.0	47.78	154.0	46.34	151.1	44.57	149.6	43.46	146.6	42.35	143.6	40.13
	8.3	6.1	157.0	47.81	154.0	46.45	151.1	45.19	149.6	44.06	146.6	42.93	143.6	40.68
	5.0	4.1	157.0	47.81	154.0	46.99	151.1	45.92	149.6	44.77	146.6	43.62	143.6	41.32
	2.5	1.7	157.0	47.81	154.0	47.32	151.1	46.87	149.6	45.69	146.6	44.51	143.6	42.16
	0.0	-0.7	149.2	47.81	146.4	47.81	143.5	45.44	142.1	44.30	139.3	43.15	136.4	40.86
	-3.0	-3.7	139.3	47.81	136.7	46.19	134.0	43.59	132.7	42.48	130.1	41.38	127.4	39.17
	-5.0	-5.6	133.1	47.46	130.5	44.92	128.0	42.39	126.7	41.31	124.2	40.24	121.7	38.09
	-7.0	-7.6	126.5	46.02	124.1	43.57	121.7	41.11	120.5	40.06	118.0	39.02	115.6	36.92
	-10.0	-10.5	116.9	43.89	114.7	41.55	112.5	39.21	111.3	38.21	109.1	37.21	106.9	35.20
	-14.5	-15.0	102.1	40.45	100.1	38.30	98.2	36.15	97.2	35.22	95.3	34.28	93.3	32.42
	-19.5	-20.0	83.2	35.36	81.6	33.48	80.1	31.60	79.3	30.78	77.7	29.96	76.1	28.31
	-22.8	-23.0	71.0	31.62	69.6	29.95	68.3	28.27	67.6	27.53	66.2	26.79	64.9	25.31
	-24.8	-25.0	62.8	28.97	61.6	27.44	60.4	25.91	59.8	25.22	58.6	24.54	57.4	23.18
	-27.4	-28.0	50.6	24.71	49.6	23.40	48.6	22.10	48.2	21.51	47.2	20.93	46.2	19.75
	-29.9	-30.0	42.4	21.62	41.6	20.48	40.8	19.34	40.4	18.82	39.6	18.31	38.8	17.28
80	15.0	13.7	139.6	41.99	136.9	39.89	134.3	37.62	132.9	36.69	130.3	35.76	127.6	33.90
	13.0	11.8	139.6	42.00	136.9	40.17	134.3	38.11	132.9	37.16	130.3	36.22	127.6	34.33
	11.0	9.8	139.6	42.01	136.9	40.46	134.3	38.65	132.9	37.69	130.3	36.73	127.6	34.81
	9.0	7.9	139.6	42.02	136.9	40.75	134.3	39.20	132.9	38.22	130.3	37.24	127.6	35.29
	8.3	6.1	139.6	42.05	136.9	40.85	134.3	39.74	132.9	38.75	130.3	37.76	127.6	35.77
	5.0	4.1	139.6	42.05	136.9	41.33	134.3	40.39	132.9	39.38	130.3	38.36	127.6	36.34
	2.5	1.7	139.6	42.05	136.9	41.62	134.3	41.22	132.9	40.18	130.3	39.15	127.6	37.08
	0.0	-0.7	132.7	42.05	130.1	42.05	127.6	39.97	126.3	38.96	123.8	37.95	121.3	35.94
	-3.0	-3.7	123.9	42.05	121.5	40.63	119.1	38.33	118.0	37.36	115.6	36.39	113.2	34.45
	-5.0	-5.6	118.3	41.74	116.0	39.51	113.8	37.28	112.7	36.33	110.4	35.39	108.1	33.50
	-7.0	-7.6	112.4	40.47	110.3	38.31	108.1	36.16	107.1	35.23	104.9	34.31	102.8	32.47
	-10.0	-10.5	103.9	38.60	101.9	36.54	100.0	34.49	99.0	33.60	97.0	32.72	95.0	30.96
	-14.5	-15.0	90.7	35.58	89.0	33.68	87.3	31.79	86.4	30.97	84.7	30.15	83.0	28.51
	-19.5	-20.0	74.0	31.09	72.6	29.44	71.2	27.79	70.5	27.07	69.1	26.35	67.6	24.90
	-22.8	-23.0	63.1	27.81	61.9	26.34	60.7	24.86	60.1	24.21	58.9	23.56	57.7	22.26
	-24.8	-25.0	55.8	25.48	54.8	24.13	53.7	22.78	53.2	22.18	52.1	21.58	51.0	20.39
	-27.4	-28.0	44.9	21.73	44.1	20.58	43.2	19.43	42.8	18.92	42.0	18.40	41.1	17.37
	-29.9	-30.0	37.7	19.01	37.0	18.01	36.3	17.01	35.9	16.55	35.2	16.10	34.5	15.20
70	15.0	13.7	122.1	36.36	119.8	34.53	117.5	32.57	116.3	31.77	114.0	30.96	111.7	29.35
	13.0	11.8	122.1	36.37	119.8	34.78	117.5	33.00	116.3	32.18	114.0	31.36	111.7	29.72
	11.0	9.8	122.1	36.37	119.8	35.03	117.5	33.46	116.3	32.63	114.0	31.80	111.7	30.14
	9.0	7.9	122.1	36.38	119.8	35.28	117.5	33.94	116.3	33.09	114.0	32.25	111.7	30.55
	8.3	6.1	122.1	36.41	119.8	35.37	117.5	34.41	116.3	33.55	114.0	32.69	111.7	30.97
	5.0	4.1	122.1	36.41	119.8	35.78	117.5	34.97	116.3	34.09	114.0	33.22	111.7	31.47
	2.5	1.7	122.1	36.41	119.8	36.03	117.5	35.69	116.3	34.79	114.0	33.89	111.7	32.10
	0.0	-0.7	116.1	36.41	113.9	36.41	111.6	34.60	110.5	33.73	108.3	32.86	106.1	31.11
	-3.0	-3.7	108.4	36.41	106.3	35.17	104.2	33.19	103.2	32.35	101.2	31.51	99.1	29.83
	-5.0	-5.6	103.5	36.14	101.5	34.21	99.6	32.28	98.6	31.46	96.6	30.64	94.6	29.00
	-7.0	-7.6	98.4	35.04	96.5	33.17	94.6	31.30	93.7	30.51	91.8	29.71	89.9	28.11
	-10.0	-10.5	90.9	33.42	89.2	31.64	87.5	29.86	86.6	29.09	84.9	28.33	83.1	26.80
	-14.5	-15.0	79.4	30.80	77.9	29.16	76.4	27.53	75.6	26.82	74.1	26.11	72.6	24.69
	-19.5	-20.0	64.7	26.92	63.5	25.49	62.3	24.06	61.7	23.44	60.4	22.81	59.2	21.56
	-22.8	-23.0	55.2	24.08	54.2	22.80	53.1	21.53	52.6	20.96	51.5	20.40	50.5	19.27
	-24.8	-25.0	48.9	22.06	47.9	20.89	47.0	19.73	46.5	19.21	45.6	18.69	44.7	17.65
	-27.4	-28.0	39.3	18.81	38.6	17.82	37.8	16.82	37.5	16.38	36.7	15.93	36.0	15.04
	-29.9	-30.0	33.0	16.46	32.3	15.59	31.7	14.72	31.4	14.33	30.8	13.94	30.2	13.16

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

High Heating Model

MMY-MUP072H1FT6PUL/MMY-MUP072H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	24.9	5.50	24.5	5.21	24.0	4.91	23.7	4.79	23.3	4.67	22.8	4.43
	13.0	11.8	24.9	5.57	24.5	5.28	24.0	4.98	23.7	4.85	23.3	4.73	22.8	4.48
	11.0	9.8	24.9	5.65	24.5	5.35	24.0	5.05	23.7	4.92	23.3	4.80	22.8	4.55
	9.0	7.9	24.9	5.73	24.5	5.43	24.0	5.12	23.7	4.99	23.3	4.86	22.8	4.61
	8.3	6.1	24.9	5.81	24.5	5.50	24.0	5.19	23.7	5.06	23.3	4.93	22.8	4.67
	5.0	4.1	24.9	5.91	24.5	5.59	24.0	5.27	23.7	5.14	23.3	5.01	22.8	4.75
	2.5	1.7	24.9	6.03	24.5	5.70	24.0	5.38	23.7	5.25	23.3	5.11	22.8	4.84
	0.0	-0.7	24.9	6.16	24.5	5.83	24.0	5.50	23.7	5.36	23.3	5.22	22.8	4.95
	-3.0	-3.7	24.9	6.34	24.5	6.00	24.0	5.66	23.7	5.52	23.3	5.38	22.8	5.09
	-5.0	-5.6	25.0	6.48	24.5	6.14	24.0	5.79	23.8	5.65	23.3	5.50	22.9	5.20
	-7.0	-7.6	25.3	6.70	24.8	6.34	24.3	5.98	24.0	5.83	23.6	5.68	23.1	5.37
	-10.0	-10.5	25.6	7.03	25.1	6.66	24.6	6.28	24.4	6.12	23.9	5.96	23.4	5.64
	-14.5	-15.0	26.0	7.44	25.5	7.05	25.0	6.65	24.8	6.48	24.3	6.31	23.8	5.97
	-19.5	-20.0	26.2	7.63	25.7	7.22	25.2	6.82	24.9	6.64	24.4	6.47	23.9	6.11
	-22.8	-23.0	26.2	8.01	25.7	7.59	25.2	7.16	24.9	6.98	24.4	6.79	23.9	6.42
	-24.8	-25.0	24.9	7.83	24.5	7.41	24.0	7.00	23.7	6.82	23.3	6.63	22.8	6.27
	-27.4	-28.0	22.7	7.48	22.3	7.08	21.8	6.69	21.6	6.51	21.2	6.34	20.7	5.99
	-29.9	-30.0	21.2	7.24	20.8	6.86	20.4	6.47	20.2	6.30	19.8	6.13	19.4	5.79
	15.0	13.7	18.9	6.87	18.6	6.51	18.2	6.14	18.0	5.98	17.7	5.82	17.3	5.49
	13.0	11.8	17.4	6.61	17.1	6.26	16.8	5.91	16.6	5.76	16.3	5.60	16.0	5.28
	11.0	9.8	16.2	6.39	15.9	6.05	15.6	5.71	15.4	5.56	15.1	5.41	14.8	5.10
	9.0	7.9	14.1	6.00	13.9	5.68	13.6	5.36	13.5	5.22	13.2	5.07	12.9	4.79
110	8.3	6.1	25.4	5.53	24.9	5.23	24.5	4.94	24.2	4.81	23.7	4.69	23.2	4.45
	5.0	4.1	25.4	5.60	24.9	5.30	24.5	5.00	24.2	4.88	23.7	4.75	23.2	4.50
	2.5	1.7	25.4	5.68	24.9	5.38	24.5	5.07	24.2	4.94	23.7	4.82	23.2	4.57
	0.0	-0.7	25.4	5.76	24.9	5.45	24.5	5.14	24.2	5.01	23.7	4.89	23.2	4.63
	-3.0	-3.7	25.4	5.84	24.9	5.53	24.5	5.21	24.2	5.08	23.7	4.95	23.2	4.69
	-5.0	-5.6	25.4	5.93	24.9	5.62	24.5	5.30	24.2	5.17	23.7	5.03	23.2	4.77
	-7.0	-7.6	25.4	6.06	24.9	5.73	24.5	5.41	24.2	5.27	23.7	5.14	23.2	4.86
	-10.0	-10.5	25.4	6.19	24.9	5.86	24.5	5.53	24.2	5.39	23.7	5.25	23.2	4.97
	-14.5	-15.0	25.4	6.37	24.9	6.03	24.5	5.69	24.2	5.54	23.7	5.40	23.2	5.11
	-19.5	-20.0	25.5	6.52	25.0	6.17	24.5	5.82	24.3	5.67	23.8	5.52	23.3	5.23
	-22.8	-23.0	25.8	6.73	25.3	6.37	24.8	6.01	24.5	5.86	24.0	5.70	23.5	5.40
	-24.8	-25.0	26.1	7.06	25.6	6.69	25.1	6.31	24.9	6.15	24.4	5.99	23.9	5.66
	-27.4	-28.0	26.5	7.48	26.0	7.08	25.5	6.68	25.3	6.51	24.8	6.34	24.3	5.99
	-29.9	-30.0	26.7	7.66	26.2	7.26	25.7	6.85	25.4	6.67	24.9	6.50	24.4	6.14
	15.0	13.7	26.7	8.05	26.2	7.62	25.7	7.20	25.4	7.01	24.9	6.82	24.4	6.45
	13.0	11.8	25.4	7.87	24.9	7.45	24.5	7.03	24.2	6.85	23.7	6.66	23.2	6.30
	11.0	9.8	23.1	7.52	22.7	7.12	22.3	6.72	22.0	6.54	21.6	6.37	21.2	6.01
	9.0	7.9	21.6	7.27	21.2	6.89	20.8	6.50	20.6	6.33	20.2	6.16	19.8	5.82
	8.3	6.1	19.3	6.90	19.0	6.54	18.6	6.17	18.4	6.01	18.0	5.84	17.7	5.52
	5.0	4.1	17.8	6.64	17.5	6.29	17.1	5.94	17.0	5.78	16.6	5.62	16.3	5.31
	2.5	1.7	16.5	6.42	16.2	6.08	15.9	5.74	15.7	5.59	15.4	5.43	15.1	5.13
	0.0	-0.7	14.4	6.02	14.1	5.71	13.9	5.39	13.7	5.24	13.4	5.10	13.2	4.81
120	-3.0	-3.7	26.2	5.61	25.7	5.31	25.2	5.01	24.9	4.88	24.4	4.76	23.9	4.51
	-5.0	-5.6	26.2	5.68	25.7	5.38	25.2	5.07	24.9	4.94	24.4	4.82	23.9	4.57
	-7.0	-7.6	26.2	5.76	25.7	5.45	25.2	5.14	24.9	5.01	24.4	4.89	23.9	4.63
	-10.0	-10.5	26.2	5.84	25.7	5.53	25.2	5.21	24.9	5.08	24.4	4.96	23.9	4.70
	-14.5	-15.0	26.2	5.92	25.7	5.60	25.2	5.29	24.9	5.16	24.4	5.02	23.9	4.76
	-19.5	-20.0	26.2	6.02	25.7	5.70	25.2	5.37	24.9	5.24	24.4	5.10	23.9	4.84
	-22.8	-23.0	26.2	6.14	25.7	5.81	25.2	5.48	24.9	5.35	24.4	5.21	23.9	4.93
	-24.8	-25.0	26.2	6.28	25.7	5.94	25.2	5.60	24.9	5.46	24.4	5.32	23.9	5.04
	-27.4	-28.0	26.2	6.46	25.7	6.11	25.2	5.77	24.9	5.62	24.4	5.48	23.9	5.18
	-29.9	-30.0	26.3	6.61	25.8	6.25	25.3	5.90	25.0	5.75	24.5	5.60	24.0	5.30
	15.0	13.7	26.5	6.82	26.0	6.46	25.5	6.09	25.3	5.94	24.7	5.78	24.2	5.47
	13.0	11.8	26.9	7.16	26.4	6.78	25.9	6.40	25.6	6.24	25.1	6.07	24.6	5.74
	11.0	9.8	27.3	7.58	26.8	7.18	26.3	6.78	26.0	6.60	25.5	6.43	25.0	6.08
	9.0	7.9	27.5	7.77	27.0	7.36	26.4	6.95	26.2	6.77	25.6	6.59	25.1	6.23
	8.3	6.1	27.5	8.17	27.0	7.73	26.4	7.30	26.2	7.11	25.6	6.92	25.1	6.54
	5.0	4.1	26.2	7.98	25.7	7.55	25.2	7.13	24.9	6.94	24.4	6.76	23.9	6.39
	2.5	1.7	23.8	7.62	23.4	7.22	22.9	6.81	22.7	6.64	22.2	6.46	21.8	6.10
	0.0	-0.7	22.2	7.38	21.8	6.99	21.4	6.60	21.2	6.42	20.8	6.25	20.3	5.90
	-3.0	-3.7	19.9	7.00	19.5	6.63	19.1	6.26	18.9	6.09	18.6	5.93	18.2	5.60
	-5.0	-5.6	18.3	6.74	18.0	6.38	17.6	6.02	17.4	5.86	17.1	5.70	16.8	5.38
	-7.0	-7.6	17.0	6.51	16.7	6.16	16.4	5.82	16.2	5.67	15.9	5.51	15.6	5.20
	-10.0	-10.5	14.8	6.11	14.5	5.79	14.3	5.46	14.1	5.32	13.8	5.17	13.6	4.88
130	-14.5	-15.0	26.8	5.66	26.3	5.35	25.8	5.05	25.5	4.93	25.0	4.80	24.5	4.55
	-19.5	-20.0	26.8	5.73	26.3	5.42	25.8	5.12	25.5	4.99	25.0	4.86	24.5	4.61
	-22.8	-23.0	26.8	5.81	26.3	5.50	25.8	5.19	25.5	5.06	25.0	4.93	24.5	4.67
	-24.8	-25.0	26.8	5.89	26.3	5.58	25.8	5.26	25.5	5.13	25.0	5.00	24.5	4.74
	-27.4	-28.0	26.8	5.97	26.3	5.65	25.8	5.33	25.5	5.20	25.0	5.07	24.5	4.80
	-29.9	-30.0	26.8	6.07	26.3	5.75	25.8	5.42	25.5	5.29	25.0	5.15	24.5	4.88

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	22.4	4.90	22.0	4.64	21.6	4.37	21.4	4.27	20.9	4.16	20.5	3.94
	13.0	11.8	22.4	4.96	22.0	4.70	21.6	4.43	21.4	4.32	20.9	4.21	20.5	3.99
	11.0	9.8	22.4	5.03	22.0	4.76	21.6	4.49	21.4	4.38	20.9	4.27	20.5	4.05
	9.0	7.9	22.4	5.10	22.0	4.83	21.6	4.56	21.4	4.44	20.9	4.33	20.5	4.10
	8.3	6.1	22.4	5.18	22.0	4.90	21.6	4.62	21.4	4.51	20.9	4.39	20.5	4.16
	5.0	4.1	22.4	5.26	22.0	4.98	21.6	4.70	21.4	4.58	20.9	4.46	20.5	4.23
	2.5	1.7	22.4	5.37	22.0	5.08	21.6	4.79	21.4	4.67	20.9	4.55	20.5	4.31
	0.0	-0.7	22.4	5.48	22.0	5.19	21.6	4.90	21.4	4.77	20.9	4.65	20.5	4.40
	-3.0	-3.7	22.4	5.64	22.0	5.34	21.6	5.04	21.4	4.91	20.9	4.79	20.5	4.53
	-5.0	-5.6	22.5	5.77	22.1	5.47	21.6	5.16	21.4	5.03	21.0	4.90	20.6	4.63
	-7.0	-7.6	22.7	5.96	22.3	5.64	21.9	5.33	21.6	5.19	21.2	5.05	20.8	4.78
	-10.0	-10.5	23.1	6.26	22.6	5.93	22.2	5.59	22.0	5.45	21.5	5.31	21.1	5.02
	-14.5	-15.0	23.4	6.63	23.0	6.27	22.5	5.92	22.3	5.77	21.8	5.62	21.4	5.31
	-19.5	-20.0	23.6	6.79	23.1	6.43	22.7	6.07	22.4	5.91	22.0	5.76	21.5	5.44
	-22.8	-23.0	23.6	7.14	23.1	6.76	22.7	6.38	22.4	6.21	22.0	6.05	21.5	5.72
	-24.8	-25.0	22.4	6.97	22.0	6.60	21.6	6.23	21.4	6.07	20.9	5.91	20.5	5.58
	-27.4	-28.0	20.4	6.66	20.0	6.31	19.6	5.95	19.4	5.80	19.1	5.64	18.7	5.33
	-29.9	-30.0	19.1	6.45	18.7	6.11	18.3	5.76	18.2	5.61	17.8	5.46	17.4	5.16
	15.0	13.7	17.0	6.12	16.7	5.79	16.4	5.47	16.2	5.32	15.9	5.18	15.6	4.89
	13.0	11.8	15.7	5.89	15.4	5.58	15.1	5.26	15.0	5.12	14.7	4.98	14.4	4.70
	11.0	9.8	14.6	5.69	14.3	5.39	14.0	5.09	13.9	4.95	13.6	4.82	13.3	4.54
	9.0	7.9	12.7	5.34	12.5	5.06	12.2	4.78	12.1	4.65	11.9	4.52	11.6	4.26
80	8.3	6.1	19.9	4.31	19.6	4.08	19.2	3.85	19.0	3.75	18.6	3.66	18.2	3.47
	5.0	4.1	19.9	4.37	19.6	4.13	19.2	3.90	19.0	3.80	18.6	3.70	18.2	3.51
	2.5	1.7	19.9	4.43	19.6	4.19	19.2	3.95	19.0	3.85	18.6	3.76	18.2	3.56
	0.0	-0.7	19.9	4.49	19.6	4.25	19.2	4.01	19.0	3.91	18.6	3.81	18.2	3.61
	-3.0	-3.7	19.9	4.55	19.6	4.31	19.2	4.06	19.0	3.96	18.6	3.86	18.2	3.66
	-5.0	-5.6	19.9	4.62	19.6	4.38	19.2	4.13	19.0	4.03	18.6	3.92	18.2	3.72
	-7.0	-7.6	19.9	4.72	19.6	4.47	19.2	4.21	19.0	4.11	18.6	4.00	18.2	3.79
	-10.0	-10.5	19.9	4.82	19.6	4.56	19.2	4.31	19.0	4.20	18.6	4.09	18.2	3.87
	-14.5	-15.0	19.9	4.96	19.6	4.70	19.2	4.43	19.0	4.32	18.6	4.21	18.2	3.98
	-19.5	-20.0	20.0	5.08	19.6	4.81	19.2	4.54	19.0	4.42	18.7	4.31	18.3	4.08
	-22.8	-23.0	20.2	5.24	19.8	4.96	19.4	4.68	19.2	4.56	18.9	4.45	18.5	4.21
	-24.8	-25.0	20.5	5.50	20.1	5.21	19.7	4.92	19.5	4.79	19.1	4.67	18.7	4.41
	-27.4	-28.0	20.8	5.83	20.4	5.52	20.0	5.21	19.8	5.07	19.4	4.94	19.0	4.67
	-29.9	-30.0	20.9	5.97	20.5	5.66	20.1	5.34	19.9	5.20	19.5	5.06	19.1	4.79
	15.0	13.7	20.9	6.27	20.5	5.94	20.1	5.61	19.9	5.46	19.5	5.32	19.1	5.03
	13.0	11.8	19.9	6.13	19.6	5.80	19.2	5.48	19.0	5.34	18.6	5.19	18.2	4.91
	11.0	9.8	18.1	5.86	17.8	5.55	17.5	5.24	17.3	5.10	16.9	4.96	16.6	4.69
	9.0	7.9	17.0	5.67	16.6	5.37	16.3	5.07	16.1	4.94	15.8	4.80	15.5	4.54
	8.3	6.1	15.2	5.38	14.9	5.09	14.6	4.81	14.4	4.68	14.1	4.56	13.9	4.30
	5.0	4.1	14.0	5.18	13.7	4.90	13.4	4.63	13.3	4.51	13.0	4.38	12.8	4.14
	2.5	1.7	13.0	5.00	12.7	4.74	12.5	4.47	12.3	4.35	12.1	4.23	11.9	4.00
	0.0	-0.7	11.3	4.69	11.1	4.45	10.9	4.20	10.8	4.09	10.5	3.97	10.3	3.75
70	-3.0	-3.7	17.4	3.73	17.1	3.53	16.8	3.33	16.6	3.25	16.3	3.17	16.0	3.00
	-5.0	-5.6	17.4	3.78	17.1	3.58	16.8	3.37	16.6	3.29	16.3	3.21	16.0	3.04
	-7.0	-7.6	17.4	3.83	17.1	3.63	16.8	3.42	16.6	3.34	16.3	3.25	16.0	3.08
	-10.0	-10.5	17.4	3.89	17.1	3.68	16.8	3.47	16.6	3.38	16.3	3.30	16.0	3.12
	-14.5	-15.0	17.4	3.94	17.1	3.73	16.8	3.52	16.6	3.43	16.3	3.34	16.0	3.17
	-19.5	-20.0	17.4	4.00	17.1	3.79	16.8	3.58	16.6	3.49	16.3	3.40	16.0	3.22
	-22.8	-23.0	17.4	4.09	17.1	3.87	16.8	3.65	16.6	3.56	16.3	3.47	16.0	3.28
	-24.8	-25.0	17.4	4.18	17.1	3.95	16.8	3.73	16.6	3.63	16.3	3.54	16.0	3.35
	-27.4	-28.0	17.4	4.30	17.1	4.07	16.8	3.84	16.6	3.74	16.3	3.64	16.0	3.45
	-29.9	-30.0	17.5	4.40	17.2	4.16	16.8	3.93	16.7	3.83	16.3	3.73	16.0	3.53
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.1	32.11	2.7	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	2.9	28.62	2.5	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	4.5	70.69	3.9	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	4.5	70.69	3.9	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	4.6	70.69	4.0	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	4.7	70.69	4.0	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	4.8	70.69	4.2	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	4.9	70.69	4.2	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	5.0	70.69	4.3	63.62

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-MUP096H1FT6PUL/MMY-MUP096H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	33.2	7.23	32.6	6.84	32.0	6.45	31.7	6.29	31.0	6.13	30.4	5.81
	13.0	11.8	33.2	7.32	32.6	6.93	32.0	6.54	31.7	6.37	31.0	6.21	30.4	5.89
	11.0	9.8	33.2	7.43	32.6	7.03	32.0	6.63	31.7	6.46	31.0	6.30	30.4	5.97
	9.0	7.9	33.2	7.53	32.6	7.13	32.0	6.72	31.7	6.55	31.0	6.39	30.4	6.05
	8.3	6.1	33.2	7.63	32.6	7.23	32.0	6.82	31.7	6.65	31.0	6.48	30.4	6.14
	5.0	4.1	33.2	7.76	32.6	7.34	32.0	6.93	31.7	6.75	31.0	6.58	30.4	6.23
	2.5	1.7	33.2	7.92	32.6	7.49	32.0	7.07	31.7	6.89	31.0	6.71	30.4	6.36
	0.0	-0.7	33.2	8.09	32.6	7.66	32.0	7.22	31.7	7.04	31.0	6.86	30.4	6.50
	-3.0	-3.7	33.2	8.33	32.6	7.88	32.0	7.44	31.7	7.25	31.0	7.06	30.4	6.68
	-5.0	-5.6	33.3	8.52	32.7	8.06	32.1	7.61	31.7	7.41	31.1	7.22	30.5	6.84
	-7.0	-7.6	33.7	8.79	33.0	8.33	32.4	7.86	32.1	7.66	31.4	7.46	30.8	7.06
	-10.0	-10.5	34.1	9.23	33.5	8.74	32.8	8.25	32.5	8.04	31.9	7.83	31.2	7.40
	-14.5	-15.0	34.7	9.78	34.0	9.26	33.4	8.74	33.0	8.51	32.4	8.29	31.7	7.84
	-19.5	-20.0	34.9	10.02	34.2	9.49	33.6	8.95	33.2	8.72	32.6	8.49	31.9	8.03
	-22.8	-23.0	31.6	9.49	31.0	8.99	30.4	8.48	30.1	8.26	29.5	8.04	28.9	7.60
	-24.8	-25.0	29.9	9.21	29.3	8.72	28.8	8.23	28.5	8.02	27.9	7.81	27.3	7.38
	-27.4	-28.0	26.9	8.70	26.4	8.24	25.9	7.78	25.6	7.58	25.1	7.37	24.6	6.96
	-29.9	-30.0	24.9	8.35	24.5	7.91	24.0	7.46	23.7	7.27	23.3	7.07	22.8	6.68
	15.0	13.7	21.9	7.79	21.5	7.38	21.1	6.97	20.9	6.78	20.5	6.60	20.1	6.23
	13.0	11.8	19.9	7.40	19.6	7.01	19.2	6.62	19.0	6.44	18.6	6.26	18.2	5.91
	11.0	9.8	18.3	7.05	17.9	6.68	17.6	6.31	17.4	6.14	17.1	5.97	16.7	5.63
	9.0	7.9	15.5	6.44	15.2	6.10	14.9	5.76	14.8	5.60	14.5	5.45	14.2	5.14
110	8.3	6.1	33.9	7.26	33.3	6.87	32.6	6.48	32.3	6.32	31.6	6.16	31.0	5.84
	5.0	4.1	33.9	7.36	33.3	6.96	32.6	6.57	32.3	6.40	31.6	6.24	31.0	5.92
	2.5	1.7	33.9	7.46	33.3	7.06	32.6	6.66	32.3	6.49	31.6	6.33	31.0	6.00
	0.0	-0.7	33.9	7.56	33.3	7.16	32.6	6.75	32.3	6.59	31.6	6.42	31.0	6.08
	-3.0	-3.7	33.9	7.67	33.3	7.26	32.6	6.85	32.3	6.68	31.6	6.51	31.0	6.16
	-5.0	-5.6	33.9	7.79	33.3	7.38	32.6	6.96	32.3	6.78	31.6	6.61	31.0	6.26
	-7.0	-7.6	33.9	7.95	33.3	7.53	32.6	7.10	32.3	6.92	31.6	6.75	31.0	6.39
	-10.0	-10.5	33.9	8.13	33.3	7.69	32.6	7.26	32.3	7.07	31.6	6.89	31.0	6.53
	-14.5	-15.0	33.9	8.37	33.3	7.92	32.6	7.47	32.3	7.28	31.6	7.09	31.0	6.71
	-19.5	-20.0	34.0	8.56	33.4	8.10	32.7	7.64	32.4	7.45	31.7	7.26	31.1	6.87
	-22.8	-23.0	34.3	8.84	33.7	8.36	33.0	7.89	32.7	7.69	32.1	7.49	31.4	7.09
	-24.8	-25.0	34.8	9.28	34.2	8.78	33.5	8.29	33.2	8.08	32.5	7.86	31.8	7.44
	-27.4	-28.0	35.4	9.82	34.7	9.30	34.0	8.78	33.7	8.55	33.0	8.33	32.3	7.87
	-29.9	-30.0	35.6	10.07	34.9	9.53	34.2	8.99	33.9	8.76	33.2	8.53	32.5	8.07
	15.0	13.7	32.2	9.54	31.6	9.03	31.0	8.52	30.7	8.30	30.1	8.08	29.5	7.64
	13.0	11.8	30.5	9.25	29.9	8.76	29.3	8.27	29.1	8.06	28.5	7.84	27.9	7.41
	11.0	9.8	27.5	8.74	26.9	8.28	26.4	7.82	26.2	7.61	25.6	7.41	25.1	7.00
	9.0	7.9	25.4	8.39	24.9	7.94	24.5	7.50	24.2	7.30	23.7	7.10	23.2	6.71
	8.3	6.1	22.4	7.83	21.9	7.41	21.5	7.00	21.3	6.81	20.9	6.63	20.5	6.26
	5.0	4.1	20.3	7.43	20.0	7.04	19.6	6.65	19.4	6.47	19.0	6.29	18.6	5.94
	2.5	1.7	18.6	7.09	18.3	6.71	17.9	6.34	17.8	6.17	17.4	6.00	17.0	5.66
	0.0	-0.7	15.8	6.47	15.5	6.13	15.2	5.79	15.1	5.63	14.8	5.47	14.5	5.16
120	-3.0	-3.7	34.9	7.37	34.2	6.97	33.6	6.57	33.2	6.41	32.6	6.25	31.9	5.92
	-5.0	-5.6	34.9	7.46	34.2	7.06	33.6	6.66	33.2	6.49	32.6	6.33	31.9	6.00
	-7.0	-7.6	34.9	7.57	34.2	7.16	33.6	6.75	33.2	6.59	32.6	6.42	31.9	6.08
	-10.0	-10.5	34.9	7.67	34.2	7.26	33.6	6.85	33.2	6.68	32.6	6.51	31.9	6.17
	-14.5	-15.0	34.9	7.78	34.2	7.36	33.6	6.94	33.2	6.77	32.6	6.60	31.9	6.25
	-19.5	-20.0	34.9	7.90	34.2	7.48	33.6	7.06	33.2	6.88	32.6	6.70	31.9	6.35
	-22.8	-23.0	34.9	8.07	34.2	7.63	33.6	7.20	33.2	7.02	32.6	6.84	31.9	6.48
	-24.8	-25.0	34.9	8.24	34.2	7.80	33.6	7.36	33.2	7.17	32.6	6.99	31.9	6.62
	-27.4	-28.0	34.9	8.48	34.2	8.03	33.6	7.58	33.2	7.39	32.6	7.19	31.9	6.81
	-29.9	-30.0	35.0	8.68	34.3	8.21	33.7	7.75	33.3	7.55	32.7	7.36	32.0	6.96
	15.0	13.7	35.4	8.96	34.7	8.48	34.0	8.00	33.7	7.80	33.0	7.60	32.3	7.19
	13.0	11.8	35.9	9.41	35.2	8.91	34.5	8.40	34.1	8.19	33.5	7.97	32.8	7.54
	11.0	9.8	36.4	9.96	35.7	9.43	35.0	8.90	34.7	8.67	34.0	8.44	33.3	7.98
	9.0	7.9	36.6	10.21	35.9	9.66	35.2	9.12	34.9	8.89	34.2	8.65	33.5	8.18
	8.3	6.1	33.2	9.67	32.6	9.16	31.9	8.64	31.6	8.42	31.0	8.19	30.3	7.75
	5.0	4.1	31.4	9.39	30.8	8.89	30.2	8.39	29.9	8.17	29.3	7.95	28.7	7.52
	2.5	1.7	28.3	8.87	27.7	8.40	27.2	7.93	26.9	7.72	26.4	7.51	25.8	7.10
	0.0	-0.7	26.2	8.50	25.7	8.05	25.2	7.60	24.9	7.40	24.4	7.20	23.9	6.80
	-3.0	-3.7	23.0	7.94	22.6	7.52	22.2	7.10	21.9	6.91	21.5	6.72	21.1	6.35
	-5.0	-5.6	20.9	7.54	20.5	7.14	20.1	6.74	19.9	6.56	19.5	6.38	19.1	6.02
	-7.0	-7.6	19.2	7.19	18.8	6.81	18.5	6.43	18.3	6.26	17.9	6.08	17.5	5.74
	-10.0	-10.5	16.3	6.56	16.0	6.21	15.7	5.87	15.5	5.71	15.2	5.55	14.9	5.24
130	-14.5	-15.0	35.7	7.43	35.0	7.03	34.4	6.63	34.0	6.47	33.3	6.30	32.7	5.98
	-19.5	-20.0	35.7	7.53	35.0	7.12	34.4	6.72	34.0	6.55	33.3	6.39	32.7	6.05
	-22.8	-23.0	35.7	7.63	35.0	7.22	34.4	6.81	34.0	6.64	33.3	6.48	32.7	6.14
	-24.8	-25.0	35.7	7.74	35.0	7.32	34.4	6.91	34.0	6.74	33.3	6.57	32.7	6.22
	-27.4	-28.0	35.7	7.85	35.0	7.43	34.4	7.01	34.0	6.83	33.3	6.66	32.7	6.31
	-29.9	-30.0	35.7	7.97	35.0	7.55	34.4	7.12	34.0	6.94	33.3	6.76	32.7	6.41

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	29.9	6.44	29.3	6.09	28.8	5.75	28.5	5.60	27.9	5.46	27.3	5.18
	13.0	11.8	29.9	6.52	29.3	6.17	28.8	5.82	28.5	5.68	27.9	5.53	27.3	5.24
	11.0	9.8	29.9	6.61	29.3	6.26	28.8	5.90	28.5	5.76	27.9	5.61	27.3	5.32
	9.0	7.9	29.9	6.70	29.3	6.34	28.8	5.99	28.5	5.84	27.9	5.69	27.3	5.39
	8.3	6.1	29.9	6.80	29.3	6.43	28.8	6.07	28.5	5.92	27.9	5.77	27.3	5.46
	5.0	4.1	29.9	6.91	29.3	6.54	28.8	6.17	28.5	6.01	27.9	5.86	27.3	5.55
	2.5	1.7	29.9	7.05	29.3	6.67	28.8	6.29	28.5	6.14	27.9	5.98	27.3	5.66
	0.0	-0.7	29.9	7.20	29.3	6.82	28.8	6.43	28.5	6.27	27.9	6.11	27.3	5.78
	-3.0	-3.7	29.9	7.41	29.3	7.02	28.8	6.62	28.5	6.45	27.9	6.29	27.3	5.95
	-5.0	-5.6	30.0	7.58	29.4	7.18	28.9	6.77	28.6	6.60	28.0	6.43	27.4	6.09
	-7.0	-7.6	30.3	7.83	29.7	7.41	29.1	6.99	28.9	6.82	28.3	6.64	27.7	6.28
	-10.0	-10.5	30.7	8.22	30.1	7.78	29.6	7.34	29.3	7.16	28.7	6.97	28.1	6.59
	-14.5	-15.0	31.2	8.70	30.6	8.24	30.0	7.78	29.7	7.58	29.1	7.38	28.5	6.98
	-19.5	-20.0	31.4	8.92	30.8	8.45	30.2	7.97	29.9	7.77	29.3	7.56	28.7	7.15
	-22.8	-23.0	28.4	8.45	27.9	8.00	27.4	7.55	27.1	7.36	26.5	7.16	26.0	6.77
	-24.8	-25.0	26.9	8.20	26.4	7.77	25.9	7.33	25.6	7.14	25.1	6.95	24.6	6.57
	-27.4	-28.0	24.2	7.75	23.8	7.34	23.3	6.93	23.1	6.74	22.6	6.56	22.2	6.20
	-29.9	-30.0	22.4	7.43	22.0	7.04	21.6	6.65	21.4	6.47	20.9	6.30	20.5	5.95
	15.0	13.7	19.7	6.94	19.4	6.57	19.0	6.20	18.8	6.04	18.4	5.87	18.0	5.55
	13.0	11.8	17.9	6.59	17.6	6.24	17.3	5.89	17.1	5.73	16.8	5.58	16.4	5.26
	11.0	9.8	16.5	6.28	16.1	5.95	15.8	5.62	15.7	5.47	15.4	5.32	15.0	5.02
	9.0	7.9	14.0	5.73	13.7	5.43	13.4	5.13	13.3	4.99	13.0	4.85	12.8	4.58
80	8.3	6.1	26.6	5.66	26.1	5.36	25.6	5.05	25.3	4.93	24.8	4.80	24.3	4.55
	5.0	4.1	26.6	5.73	26.1	5.43	25.6	5.12	25.3	4.99	24.8	4.86	24.3	4.61
	2.5	1.7	26.6	5.81	26.1	5.50	25.6	5.19	25.3	5.06	24.8	4.93	24.3	4.67
	0.0	-0.7	26.6	5.90	26.1	5.58	25.6	5.26	25.3	5.13	24.8	5.00	24.3	4.74
	-3.0	-3.7	26.6	5.98	26.1	5.66	25.6	5.34	25.3	5.20	24.8	5.07	24.3	4.80
	-5.0	-5.6	26.6	6.07	26.1	5.75	25.6	5.42	25.3	5.29	24.8	5.15	24.3	4.88
	-7.0	-7.6	26.6	6.20	26.1	5.87	25.6	5.54	25.3	5.40	24.8	5.26	24.3	4.98
	-10.0	-10.5	26.6	6.33	26.1	6.00	25.6	5.66	25.3	5.51	24.8	5.37	24.3	5.09
	-14.5	-15.0	26.6	6.52	26.1	6.17	25.6	5.82	25.3	5.68	24.8	5.53	24.3	5.23
	-19.5	-20.0	26.7	6.67	26.2	6.31	25.7	5.96	25.4	5.81	24.9	5.65	24.4	5.35
	-22.8	-23.0	26.9	6.89	26.4	6.52	25.9	6.15	25.7	5.99	25.1	5.84	24.6	5.52
	-24.8	-25.0	27.3	7.23	26.8	6.84	26.3	6.46	26.0	6.29	25.5	6.13	25.0	5.80
	-27.4	-28.0	27.7	7.66	27.2	7.25	26.7	6.84	26.4	6.66	25.9	6.49	25.4	6.14
	-29.9	-30.0	27.9	7.84	27.4	7.43	26.9	7.01	26.6	6.83	26.1	6.65	25.5	6.29
	15.0	13.7	25.3	7.43	24.8	7.04	24.3	6.64	24.1	6.47	23.6	6.30	23.1	5.95
	13.0	11.8	23.9	7.21	23.5	6.83	23.0	6.45	22.8	6.28	22.3	6.11	21.9	5.78
	11.0	9.8	21.5	6.81	21.1	6.45	20.7	6.09	20.5	5.93	20.1	5.77	19.7	5.45
	9.0	7.9	19.9	6.54	19.6	6.19	19.2	5.84	19.0	5.69	18.6	5.54	18.2	5.23
	8.3	6.1	17.5	6.10	17.2	5.78	16.9	5.45	16.7	5.31	16.4	5.17	16.0	4.88
	5.0	4.1	16.0	5.79	15.6	5.49	15.3	5.18	15.2	5.04	14.9	4.90	14.6	4.63
	2.5	1.7	14.6	5.52	14.3	5.23	14.1	4.94	13.9	4.81	13.6	4.68	13.4	4.41
	0.0	-0.7	12.4	5.04	12.2	4.77	11.9	4.51	11.8	4.39	11.6	4.27	11.3	4.02
70	-3.0	-3.7	23.3	4.90	22.8	4.64	22.4	4.37	22.2	4.27	21.7	4.16	21.3	3.94
	-5.0	-5.6	23.3	4.96	22.8	4.70	22.4	4.43	22.2	4.32	21.7	4.21	21.3	3.99
	-7.0	-7.6	23.3	5.03	22.8	4.76	22.4	4.49	22.2	4.38	21.7	4.27	21.3	4.05
	-10.0	-10.5	23.3	5.10	22.8	4.83	22.4	4.56	22.2	4.44	21.7	4.33	21.3	4.10
	-14.5	-15.0	23.3	5.18	22.8	4.90	22.4	4.62	22.2	4.51	21.7	4.39	21.3	4.16
	-19.5	-20.0	23.3	5.26	22.8	4.98	22.4	4.70	22.2	4.58	21.7	4.46	21.3	4.23
	-22.8	-23.0	23.3	5.37	22.8	5.08	22.4	4.79	22.2	4.67	21.7	4.55	21.3	4.31
	-24.8	-25.0	23.3	5.48	22.8	5.19	22.4	4.90	22.2	4.77	21.7	4.65	21.3	4.40
	-27.4	-28.0	23.3	5.64	22.8	5.34	22.4	5.04	22.2	4.91	21.7	4.79	21.3	4.53
	-29.9	-30.0	23.3	5.77	22.9	5.47	22.4	5.16	22.2	5.03	21.8	4.90	21.3	4.63
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.0	32.11	2.6	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	2.9	28.62	2.5	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	4.4	70.69	3.8	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	4.5	70.69	3.9	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	4.5	70.69	3.9	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	4.6	70.69	4.0	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	4.7	70.69	4.1	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	4.8	70.69	4.2	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	4.9	70.69	4.3	63.62

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-MUP120H1FT6PUL/MMY-MUP120H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	41.5	9.68	40.8	9.16	40.0	8.64	39.6	8.43	38.8	8.22	38.0	7.79
	13.0	11.8	41.5	9.81	40.8	9.28	40.0	8.75	39.6	8.54	38.8	8.32	38.0	7.89
	11.0	9.8	41.5	9.95	40.8	9.41	40.0	8.88	39.6	8.66	38.8	8.44	38.0	8.00
	9.0	7.9	41.5	10.09	40.8	9.55	40.0	9.00	39.6	8.78	38.8	8.56	38.0	8.11
	8.3	6.1	41.5	10.23	40.8	9.68	40.0	9.13	39.6	8.90	38.8	8.67	38.0	8.22
	5.0	4.1	41.5	10.39	40.8	9.83	40.0	9.28	39.6	9.05	38.8	8.81	38.0	8.35
	2.5	1.7	41.5	10.60	40.8	10.04	40.0	9.47	39.6	9.23	38.8	8.99	38.0	8.52
	0.0	-0.7	41.5	10.84	40.8	10.26	40.0	9.68	39.6	9.43	38.8	9.19	38.0	8.70
	-3.0	-3.7	41.5	11.15	40.8	10.56	40.0	9.96	39.6	9.71	38.8	9.46	38.0	8.95
	-5.0	-5.6	41.7	11.41	40.9	10.80	40.1	10.20	39.7	9.94	38.9	9.68	38.1	9.16
	-7.0	-7.6	42.2	11.80	41.4	11.17	40.6	10.54	40.2	10.28	39.4	10.01	38.5	9.47
	-10.0	-10.5	42.9	12.42	42.0	11.76	41.2	11.09	40.8	10.81	40.0	10.53	39.2	9.96
	-14.5	-15.0	43.6	13.18	42.8	12.48	42.0	11.78	41.5	11.47	40.7	11.17	39.9	10.57
	-19.5	-20.0	41.5	12.76	40.8	12.08	40.0	11.40	39.6	11.10	38.8	10.81	38.0	10.22
	-22.8	-23.0	36.4	11.66	35.7	11.04	35.0	10.42	34.6	10.15	33.9	9.88	33.2	9.34
	-24.8	-25.0	33.7	11.06	33.0	10.47	32.4	9.89	32.0	9.63	31.4	9.37	30.8	8.86
	-27.4	-28.0	29.9	10.32	29.4	9.78	28.8	9.23	28.5	8.99	27.9	8.75	27.4	8.26
	-29.9	-30.0	27.4	9.78	26.9	9.26	26.3	8.74	26.1	8.51	25.6	8.28	25.0	7.82
	15.0	13.7	23.5	8.91	23.1	8.44	22.6	7.97	22.4	7.76	22.0	7.55	21.5	7.12
	13.0	11.8	21.0	8.29	20.6	7.85	20.2	7.41	20.0	7.22	19.6	7.02	19.2	6.63
	11.0	9.8	18.8	7.74	18.5	7.33	18.1	6.93	17.9	6.74	17.6	6.56	17.2	6.19
	9.0	7.9	15.3	6.75	15.0	6.40	14.7	6.04	14.6	5.88	14.3	5.72	14.0	5.39
110	8.3	6.1	42.4	9.73	41.6	9.21	40.8	8.68	40.4	8.47	39.6	8.25	38.7	7.82
	5.0	4.1	42.4	9.85	41.6	9.32	40.8	8.80	40.4	8.58	39.6	8.36	38.7	7.92
	2.5	1.7	42.4	9.99	41.6	9.46	40.8	8.92	40.4	8.70	39.6	8.48	38.7	8.03
	0.0	-0.7	42.4	10.13	41.6	9.59	40.8	9.05	40.4	8.82	39.6	8.60	38.7	8.15
	-3.0	-3.7	42.4	10.27	41.6	9.72	40.8	9.17	40.4	8.94	39.6	8.71	38.7	8.26
	-5.0	-5.6	42.4	10.44	41.6	9.88	40.8	9.32	40.4	9.09	39.6	8.85	38.7	8.39
	-7.0	-7.6	42.4	10.65	41.6	10.08	40.8	9.51	40.4	9.27	39.6	9.04	38.7	8.56
	-10.0	-10.5	42.4	10.89	41.6	10.30	40.8	9.72	40.4	9.48	39.6	9.23	38.7	8.74
	-14.5	-15.0	42.4	11.20	41.6	10.61	40.8	10.01	40.4	9.75	39.6	9.50	38.7	8.99
	-19.5	-20.0	42.5	11.47	41.7	10.85	40.9	10.24	40.5	9.98	39.7	9.72	38.9	9.20
	-22.8	-23.0	43.0	11.86	42.2	11.23	41.4	10.59	41.0	10.32	40.1	10.05	39.3	9.51
	-24.8	-25.0	43.7	12.48	42.9	11.81	42.0	11.15	41.6	10.86	40.8	10.58	40.0	10.01
	-27.4	-28.0	44.5	13.24	43.6	12.54	42.8	11.83	42.4	11.53	41.5	11.22	40.7	10.61
	-29.9	-30.0	42.4	12.81	41.6	12.13	40.8	11.45	40.4	11.16	39.6	10.86	38.7	10.27
	15.0	13.7	37.1	11.71	36.4	11.09	35.7	10.47	35.3	10.20	34.6	9.93	33.9	9.38
	13.0	11.8	34.3	11.11	33.7	10.52	33.0	9.93	32.7	9.67	32.0	9.41	31.4	8.90
	11.0	9.8	30.5	10.37	30.0	9.82	29.4	9.27	29.1	9.03	28.5	8.79	27.9	8.30
	9.0	7.9	27.9	9.82	27.4	9.30	26.9	8.78	26.6	8.55	26.1	8.32	25.5	7.86
	8.3	6.1	24.0	8.95	23.6	8.48	23.1	8.00	22.9	7.79	22.4	7.58	22.0	7.16
	5.0	4.1	21.4	8.33	21.0	7.89	20.6	7.45	20.4	7.25	20.0	7.05	19.6	6.66
	2.5	1.7	19.2	7.78	18.9	7.37	18.5	6.96	18.3	6.77	17.9	6.59	17.6	6.21
	0.0	-0.7	15.6	6.78	15.3	6.43	15.0	6.07	14.9	5.91	14.6	5.74	14.3	5.42
120	-3.0	-3.7	43.6	9.87	42.8	9.34	42.0	8.81	41.5	8.59	40.7	8.37	39.9	7.94
	-5.0	-5.6	43.6	9.99	42.8	9.46	42.0	8.92	41.5	8.70	40.7	8.48	39.9	8.04
	-7.0	-7.6	43.6	10.13	42.8	9.59	42.0	9.05	41.5	8.82	40.7	8.60	39.9	8.15
	-10.0	-10.5	43.6	10.28	42.8	9.73	42.0	9.17	41.5	8.95	40.7	8.72	39.9	8.26
	-14.5	-15.0	43.6	10.42	42.8	9.86	42.0	9.30	41.5	9.07	40.7	8.84	39.9	8.37
	-19.5	-20.0	43.6	10.59	42.8	10.02	42.0	9.45	41.5	9.22	40.7	8.98	39.9	8.51
	-22.8	-23.0	43.6	10.80	42.8	10.23	42.0	9.65	41.5	9.41	40.7	9.16	39.9	8.68
	-24.8	-25.0	43.6	11.04	42.8	10.45	42.0	9.86	41.5	9.61	40.7	9.36	39.9	8.87
	-27.4	-28.0	43.6	11.36	42.8	10.76	42.0	10.15	41.5	9.89	40.7	9.64	39.9	9.12
	-29.9	-30.0	43.8	11.63	42.9	11.01	42.1	10.39	41.7	10.12	40.9	9.86	40.0	9.33
	15.0	13.7	44.3	12.03	43.4	11.38	42.6	10.74	42.2	10.47	41.3	10.20	40.5	9.65
	13.0	11.8	45.0	12.65	44.1	11.98	43.3	11.30	42.9	11.01	42.0	10.73	41.1	10.15
	11.0	9.8	45.8	13.43	44.9	12.71	44.1	12.00	43.6	11.69	42.7	11.38	41.9	10.77
	9.0	7.9	43.6	13.00	42.8	12.30	42.0	11.61	41.5	11.31	40.7	11.01	39.9	10.41
	8.3	6.1	38.2	11.88	37.4	11.25	36.7	10.62	36.4	10.34	35.6	10.07	34.9	9.51
	5.0	4.1	35.3	11.27	34.7	10.67	34.0	10.07	33.7	9.81	33.0	9.55	32.3	9.02
	2.5	1.7	31.4	10.52	30.8	9.96	30.2	9.40	29.9	9.16	29.3	8.91	28.7	8.42
	0.0	-0.7	28.7	9.96	28.2	9.43	27.7	8.91	27.4	8.67	26.8	8.44	26.3	7.97
	-3.0	-3.7	24.7	9.08	24.2	8.60	23.8	8.12	23.5	7.90	23.1	7.69	22.6	7.26
	-5.0	-5.6	22.0	8.45	21.6	8.00	21.2	7.55	21.0	7.35	20.6	7.15	20.1	6.75
	-7.0	-7.6	19.8	7.89	19.4	7.47	19.0	7.06	18.8	6.87	18.5	6.68	18.1	6.30
	-10.0	-10.5	16.1	6.88	15.8	6.52	15.4	6.16	15.3	5.99	15.0	5.82	14.7	5.49
130	-14.5	-15.0	44.7	9.95	43.8	9.42	43.0	8.88	42.5	8.66	41.7	8.44	40.8	8.01
	-19.5	-20.0	44.7	10.08	43.8	9.54	43.0	9.00	42.5	8.78	41.7	8.55	40.8	8.11
	-22.8	-23.0	44.7	10.22	43.8	9.68	43.0	9.13	42.5	8.90	41.7	8.67	40.8	8.22
	-24.8	-25.0	44.7	10.37	43.8	9.81	43.0	9.26	42.5	9.02	41.7	8.79	40.8	8.33
	-27.4	-28.0	44.7	10.51	43.8	9.95	43.0	9.38	42.5	9.15	41.7	8.92	40.8	8.45
	-29.9	-30.0	44.7	10.68	43.8	10.11	43.0	9.54	42.5	9.30	41.7	9.06	40.8	8.58

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	37.4	8.62	36.7	8.16	36.0	7.70	35.6	7.51	34.9	7.31	34.2	6.93
	13.0	11.8	37.4	8.73	36.7	8.26	36.0	7.79	35.6	7.60	34.9	7.41	34.2	7.02
	11.0	9.8	37.4	8.86	36.7	8.38	36.0	7.91	35.6	7.71	34.9	7.51	34.2	7.12
	9.0	7.9	37.4	8.98	36.7	8.50	36.0	8.02	35.6	7.82	34.9	7.62	34.2	7.22
	8.3	6.1	37.4	9.10	36.7	8.62	36.0	8.13	35.6	7.93	34.9	7.72	34.2	7.32
	5.0	4.1	37.4	9.25	36.7	8.76	36.0	8.26	35.6	8.05	34.9	7.85	34.2	7.43
	2.5	1.7	37.4	9.44	36.7	8.94	36.0	8.43	35.6	8.22	34.9	8.01	34.2	7.58
	0.0	-0.7	37.4	9.65	36.7	9.13	36.0	8.62	35.6	8.40	34.9	8.18	34.2	7.75
	-3.0	-3.7	37.4	9.93	36.7	9.40	36.0	8.87	35.6	8.64	34.9	8.42	34.2	7.97
	-5.0	-5.6	37.5	10.16	36.8	9.62	36.1	9.08	35.7	8.85	35.0	8.62	34.3	8.16
	-7.0	-7.6	37.9	10.51	37.2	9.95	36.5	9.39	36.1	9.15	35.4	8.91	34.7	8.43
	-10.0	-10.5	38.6	11.06	37.8	10.47	37.1	9.88	36.7	9.63	36.0	9.37	35.3	8.87
	-14.5	-15.0	39.3	11.74	38.5	11.11	37.8	10.49	37.4	10.22	36.6	9.95	35.9	9.41
	-19.5	-20.0	37.4	11.36	36.7	10.75	36.0	10.15	35.6	9.89	34.9	9.62	34.2	9.10
	-22.8	-23.0	32.7	10.38	32.1	9.83	31.5	9.28	31.2	9.04	30.5	8.80	29.9	8.31
	-24.8	-25.0	30.3	9.85	29.7	9.32	29.1	8.80	28.8	8.57	28.3	8.34	27.7	7.88
	-27.4	-28.0	26.9	9.19	26.4	8.70	25.9	8.22	25.7	8.00	25.1	7.79	24.6	7.36
	-29.9	-30.0	24.6	8.71	24.2	8.24	23.7	7.78	23.5	7.58	23.0	7.37	22.5	6.96
	15.0	13.7	21.2	7.93	20.8	7.51	20.4	7.09	20.2	6.91	19.8	6.72	19.4	6.34
	13.0	11.8	18.9	7.38	18.5	6.99	18.2	6.60	18.0	6.43	17.6	6.25	17.3	5.90
	11.0	9.8	17.0	6.89	16.6	6.53	16.3	6.17	16.2	6.00	15.8	5.84	15.5	5.51
	9.0	7.9	13.8	6.01	13.5	5.70	13.2	5.38	13.1	5.23	12.8	5.09	12.6	4.80
80	8.3	6.1	33.2	7.58	32.6	7.17	32.0	6.77	31.7	6.60	31.0	6.43	30.4	6.10
	5.0	4.1	33.2	7.68	32.6	7.27	32.0	6.86	31.7	6.69	31.0	6.52	30.4	6.18
	2.5	1.7	33.2	7.79	32.6	7.37	32.0	6.95	31.7	6.78	31.0	6.61	30.4	6.26
	0.0	-0.7	33.2	7.90	32.6	7.47	32.0	7.05	31.7	6.87	31.0	6.70	30.4	6.35
	-3.0	-3.7	33.2	8.01	32.6	7.58	32.0	7.15	31.7	6.97	31.0	6.79	30.4	6.44
	-5.0	-5.6	33.2	8.14	32.6	7.70	32.0	7.26	31.7	7.08	31.0	6.90	30.4	6.54
	-7.0	-7.6	33.2	8.30	32.6	7.86	32.0	7.41	31.7	7.23	31.0	7.04	30.4	6.67
	-10.0	-10.5	33.2	8.48	32.6	8.03	32.0	7.58	31.7	7.39	31.0	7.19	30.4	6.81
	-14.5	-15.0	33.2	8.73	32.6	8.27	32.0	7.80	31.7	7.60	31.0	7.41	30.4	7.01
	-19.5	-20.0	33.3	8.94	32.7	8.46	32.1	7.98	31.8	7.78	31.1	7.58	30.5	7.17
	-22.8	-23.0	33.7	9.24	33.1	8.75	32.4	8.26	32.1	8.05	31.5	7.84	30.8	7.41
	-24.8	-25.0	34.3	9.72	33.6	9.21	33.0	8.69	32.7	8.46	32.0	8.24	31.3	7.80
	-27.4	-28.0	34.9	10.32	34.2	9.77	33.6	9.22	33.2	8.99	32.6	8.75	31.9	8.27
	-29.9	-30.0	33.2	9.99	32.6	9.46	32.0	8.92	31.7	8.69	31.0	8.46	30.4	8.00
	15.0	13.7	29.1	9.13	28.5	8.64	28.0	8.16	27.7	7.95	27.1	7.74	26.6	7.31
	13.0	11.8	26.9	8.66	26.4	8.20	25.9	7.74	25.6	7.54	25.1	7.34	24.6	6.93
	11.0	9.8	23.9	8.08	23.5	7.65	23.0	7.23	22.8	7.04	22.4	6.85	21.9	6.47
	9.0	7.9	21.9	7.66	21.5	7.25	21.1	6.85	20.9	6.67	20.4	6.48	20.0	6.12
	8.3	6.1	18.8	6.98	18.5	6.61	18.1	6.24	17.9	6.07	17.6	5.91	17.2	5.58
	5.0	4.1	16.8	6.49	16.5	6.15	16.1	5.81	16.0	5.65	15.7	5.50	15.3	5.19
	2.5	1.7	15.1	6.06	14.8	5.74	14.5	5.42	14.4	5.28	14.1	5.13	13.8	4.84
	0.0	-0.7	12.2	5.29	12.0	5.01	11.8	4.73	11.7	4.60	11.4	4.48	11.2	4.22
70	-3.0	-3.7	29.1	6.56	28.5	6.21	28.0	5.86	27.7	5.71	27.1	5.57	26.6	5.28
	-5.0	-5.6	29.1	6.65	28.5	6.29	28.0	5.94	27.7	5.79	27.1	5.64	26.6	5.35
	-7.0	-7.6	29.1	6.74	28.5	6.38	28.0	6.02	27.7	5.87	27.1	5.72	26.6	5.42
	-10.0	-10.5	29.1	6.84	28.5	6.47	28.0	6.10	27.7	5.95	27.1	5.80	26.6	5.50
	-14.5	-15.0	29.1	6.93	28.5	6.56	28.0	6.19	27.7	6.04	27.1	5.88	26.6	5.57
	-19.5	-20.0	29.1	7.04	28.5	6.67	28.0	6.29	27.7	6.13	27.1	5.98	26.6	5.66
	-22.8	-23.0	29.1	7.19	28.5	6.80	28.0	6.42	27.7	6.26	27.1	6.10	26.6	5.77
	-24.8	-25.0	29.1	7.35	28.5	6.95	28.0	6.56	27.7	6.39	27.1	6.23	26.6	5.90
	-27.4	-28.0	29.1	7.56	28.5	7.16	28.0	6.75	27.7	6.58	27.1	6.41	26.6	6.07
	-29.9	-30.0	29.2	7.74	28.6	7.32	28.1	6.91	27.8	6.74	27.2	6.56	26.7	6.21
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.2	32.11	2.8	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	3.1	28.62	2.6	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	4.7	70.69	4.1	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	4.8	70.69	4.1	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	4.9	70.69	4.2	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	4.9	70.69	4.3	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	5.1	70.69	4.4	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	5.2	70.69	4.5	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	5.3	70.69	4.6	63.62

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP144H1FT6PUL/MMY-UP144H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	49.9	10.72	48.9	10.15	48.0	9.57	47.5	9.33	46.5	9.10	45.6	8.62
	13.0	11.8	49.9	10.86	48.9	10.28	48.0	9.69	47.5	9.45	46.5	9.21	45.6	8.73
	11.0	9.8	49.9	11.01	48.9	10.42	48.0	9.83	47.5	9.59	46.5	9.34	45.6	8.85
	9.0	7.9	49.9	11.17	48.9	10.57	48.0	9.97	47.5	9.72	46.5	9.47	45.6	8.98
	8.3	6.1	49.9	11.32	48.9	10.72	48.0	10.11	47.5	9.86	46.5	9.60	45.6	9.10
	5.0	4.1	49.9	11.51	48.9	10.89	48.0	10.27	47.5	10.02	46.5	9.76	45.6	9.25
	2.5	1.7	49.9	11.74	48.9	11.11	48.0	10.49	47.5	10.22	46.5	9.96	45.6	9.43
	0.0	-0.7	49.9	12.00	48.9	11.36	48.0	10.71	47.5	10.44	46.5	10.17	45.6	9.63
	-3.0	-3.7	49.9	12.35	48.9	11.69	48.0	11.03	47.5	10.75	46.5	10.47	45.6	9.91
	-5.0	-5.6	50.0	12.63	49.1	11.96	48.1	11.28	47.6	11.00	46.7	10.71	45.7	10.14
	-7.0	-7.6	50.5	13.04	49.5	12.35	48.6	11.65	48.1	11.36	47.1	11.06	46.2	10.47
	-10.0	-10.5	51.2	13.69	50.2	12.97	49.3	12.24	48.8	11.92	47.8	11.61	46.8	10.98
	-14.5	-15.0	52.0	14.50	51.0	13.73	50.0	12.96	49.5	12.62	48.6	12.29	47.6	11.62
	-19.5	-20.0	52.3	14.86	51.3	14.07	50.4	13.28	49.9	12.94	48.9	12.59	47.9	11.91
	-22.8	-23.0	52.3	15.61	51.3	14.78	50.4	13.95	49.9	13.59	48.9	13.23	47.9	12.50
	-24.8	-25.0	49.9	15.25	48.9	14.44	48.0	13.63	47.5	13.28	46.5	12.92	45.6	12.21
	-27.4	-28.0	45.4	14.57	44.5	13.80	43.6	13.03	43.2	12.69	42.3	12.34	41.5	11.66
	-29.9	-30.0	42.4	14.11	41.6	13.36	40.8	12.61	40.4	12.28	39.6	11.95	38.7	11.28
	15.0	13.7	37.9	13.38	37.2	12.67	36.4	11.97	36.1	11.65	35.4	11.33	34.6	10.70
	13.0	11.8	34.9	12.88	34.2	12.20	33.6	11.52	33.2	11.21	32.6	10.91	31.9	10.29
	11.0	9.8	32.4	12.44	31.8	11.79	31.2	11.13	30.9	10.83	30.2	10.54	29.6	9.94
	9.0	7.9	28.3	11.68	27.7	11.06	27.2	10.45	26.9	10.17	26.4	9.89	25.8	9.32
110	8.3	6.1	50.9	10.77	49.9	10.19	48.9	9.62	48.4	9.38	47.5	9.14	46.5	8.66
	5.0	4.1	50.9	10.91	49.9	10.33	48.9	9.74	48.4	9.50	47.5	9.26	46.5	8.77
	2.5	1.7	50.9	11.06	49.9	10.47	48.9	9.88	48.4	9.63	47.5	9.39	46.5	8.90
	0.0	-0.7	50.9	11.22	49.9	10.62	48.9	10.02	48.4	9.77	47.5	9.52	46.5	9.02
	-3.0	-3.7	50.9	11.38	49.9	10.77	48.9	10.16	48.4	9.90	47.5	9.65	46.5	9.14
	-5.0	-5.6	50.9	11.56	49.9	10.94	48.9	10.32	48.4	10.06	47.5	9.80	46.5	9.29
	-7.0	-7.6	50.9	11.80	49.9	11.17	48.9	10.53	48.4	10.27	47.5	10.00	46.5	9.48
	-10.0	-10.5	50.9	12.05	49.9	11.41	48.9	10.76	48.4	10.49	47.5	10.22	46.5	9.68
	-14.5	-15.0	50.9	12.41	49.9	11.74	48.9	11.08	48.4	10.80	47.5	10.52	46.5	9.96
	-19.5	-20.0	51.0	12.69	50.0	12.01	49.1	11.34	48.6	11.05	47.6	10.76	46.6	10.19
	-22.8	-23.0	51.5	13.10	50.5	12.41	49.5	11.71	49.1	11.41	48.1	11.11	47.1	10.51
	-24.8	-25.0	52.2	13.76	51.3	13.03	50.3	12.29	49.8	11.98	48.8	11.66	47.8	11.03
	-27.4	-28.0	53.1	14.57	52.1	13.79	51.0	13.02	50.5	12.68	49.5	12.35	48.5	11.68
	-29.9	-30.0	53.4	14.93	52.4	14.14	51.4	13.34	50.9	13.00	49.8	12.65	48.8	11.96
	15.0	13.7	53.4	15.68	52.4	14.85	51.4	14.02	50.9	13.65	49.8	13.29	48.8	12.56
	13.0	11.8	50.9	15.32	49.9	14.51	48.9	13.70	48.4	13.34	47.5	12.98	46.5	12.27
	11.0	9.8	46.3	14.64	45.4	13.86	44.5	13.09	44.1	12.75	43.2	12.40	42.3	11.72
	9.0	7.9	43.2	14.17	42.4	13.42	41.6	12.67	41.2	12.34	40.3	12.00	39.5	11.34
	8.3	6.1	38.6	13.44	37.9	12.73	37.2	12.02	36.8	11.70	36.1	11.39	35.3	10.75
	5.0	4.1	35.6	12.94	34.9	12.26	34.2	11.57	33.9	11.26	33.2	10.96	32.5	10.34
	2.5	1.7	33.1	12.50	32.4	11.84	31.8	11.18	31.5	10.88	30.8	10.59	30.2	9.99
	0.0	-0.7	28.8	11.73	28.3	11.12	27.7	10.50	27.4	10.22	26.9	9.93	26.3	9.37
120	-3.0	-3.7	52.3	10.92	51.3	10.34	50.4	9.75	49.9	9.51	48.9	9.27	47.9	8.79
	-5.0	-5.6	52.3	11.07	51.3	10.47	50.4	9.88	49.9	9.63	48.9	9.39	47.9	8.90
	-7.0	-7.6	52.3	11.22	51.3	10.62	50.4	10.02	49.9	9.77	48.9	9.52	47.9	9.02
	-10.0	-10.5	52.3	11.38	51.3	10.77	50.4	10.16	49.9	9.91	48.9	9.65	47.9	9.15
	-14.5	-15.0	52.3	11.54	51.3	10.92	50.4	10.30	49.9	10.04	48.9	9.79	47.9	9.27
	-19.5	-20.0	52.3	11.72	51.3	11.10	50.4	10.47	49.9	10.21	48.9	9.94	47.9	9.42
	-22.8	-23.0	52.3	11.96	51.3	11.32	50.4	10.68	49.9	10.41	48.9	10.15	47.9	9.61
	-24.8	-25.0	52.3	12.22	51.3	11.57	50.4	10.92	49.9	10.64	48.9	10.37	47.9	9.82
	-27.4	-28.0	52.3	12.58	51.3	11.91	50.4	11.24	49.9	10.95	48.9	10.67	47.9	10.10
	-29.9	-30.0	52.5	12.87	51.5	12.18	50.5	11.50	50.0	11.21	49.0	10.91	48.0	10.33
	15.0	13.7	53.0	13.29	52.0	12.58	51.0	11.87	50.5	11.57	49.5	11.27	48.5	10.66
	13.0	11.8	53.8	13.95	52.8	13.21	51.7	12.47	51.2	12.15	50.2	11.83	49.2	11.19
	11.0	9.8	54.6	14.78	53.6	13.99	52.5	13.20	52.0	12.86	51.0	12.52	49.9	11.84
	9.0	7.9	55.0	15.14	53.9	14.34	52.9	13.53	52.3	13.18	51.3	12.83	50.3	12.13
	8.3	6.1	55.0	15.91	53.9	15.06	52.9	14.22	52.3	13.85	51.3	13.48	50.3	12.74
	5.0	4.1	52.3	15.54	51.3	14.71	50.4	13.89	49.9	13.53	48.9	13.17	47.9	12.44
	2.5	1.7	47.6	14.85	46.7	14.06	45.8	13.27	45.4	12.93	44.5	12.58	43.6	11.88
	0.0	-0.7	44.5	14.37	43.6	13.61	42.8	12.85	42.4	12.51	41.5	12.17	40.7	11.50
	-3.0	-3.7	39.8	13.63	39.0	12.91	38.3	12.19	37.9	11.87	37.1	11.55	36.4	10.90
	-5.0	-5.6	36.6	13.12	35.9	12.43	35.2	11.74	34.9	11.42	34.2	11.11	33.5	10.49
	-7.0	-7.6	34.0	12.68	33.4	12.01	32.7	11.34	32.4	11.04	31.8	10.73	31.1	10.13
	-10.0	-10.5	29.7	11.90	29.1	11.27	28.5	10.65	28.3	10.36	27.7	10.07	27.1	9.50
130	-14.5	-15.0	53.6	11.02	52.6	10.43	51.6	9.84	51.0	9.59	50.0	9.35	49.0	8.86
	-19.5	-20.0	53.6	11.16	52.6	10.56	51.6	9.96	51.0	9.72	50.0	9.47	49.0	8.98
	-22.8	-23.0	53.6	11.32	52.6	10.71	51.6	10.11	51.0	9.86	50.0	9.60	49.0	9.10
	-24.8	-25.0	53.6	11.48	52.6	10.86	51.6	10.25	51.0	9.99	50.0	9.74	49.0	9.23
	-27.4	-28.0	53.6	11.64	52.6	11.02	51.6	10.39	51.0	10.13	50.0	9.87	49.0	9.35
	-29.9	-30.0	53.6	11.83	52.6	11.19	51.6	10.56	51.0	10.30	50.0	10.03	49.0	9.50

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	44.9	9.55	44.0	9.03	43.2	8.52	42.7	8.31	41.9	8.10	41.0	7.68
	13.0	11.8	44.9	9.67	44.0	9.15	43.2	8.63	42.7	8.42	41.9	8.20	41.0	7.78
	11.0	9.8	44.9	9.81	44.0	9.28	43.2	8.75	42.7	8.54	41.9	8.32	41.0	7.88
	9.0	7.9	44.9	9.94	44.0	9.41	43.2	8.88	42.7	8.66	41.9	8.44	41.0	7.99
	8.3	6.1	44.9	10.08	44.0	9.54	43.2	9.00	42.7	8.78	41.9	8.55	41.0	8.10
	5.0	4.1	44.9	10.24	44.0	9.70	43.2	9.15	42.7	8.92	41.9	8.69	41.0	8.23
	2.5	1.7	44.9	10.45	44.0	9.89	43.2	9.34	42.7	9.10	41.9	8.87	41.0	8.40
	0.0	-0.7	44.9	10.68	44.0	10.11	43.2	9.54	42.7	9.30	41.9	9.06	41.0	8.58
	-3.0	-3.7	44.9	11.00	44.0	10.41	43.2	9.82	42.7	9.57	41.9	9.32	41.0	8.83
	-5.0	-5.6	45.0	11.25	44.1	10.65	43.3	10.05	42.9	9.79	42.0	9.54	41.1	9.03
	-7.0	-7.6	45.5	11.61	44.6	10.99	43.7	10.37	43.3	10.11	42.4	9.85	41.6	9.32
	-10.0	-10.5	46.1	12.19	45.2	11.54	44.3	10.89	43.9	10.61	43.0	10.34	42.2	9.78
	-14.5	-15.0	46.8	12.91	45.9	12.22	45.0	11.54	44.6	11.24	43.7	10.94	42.8	10.35
	-19.5	-20.0	47.1	13.23	46.2	12.53	45.3	11.82	44.9	11.52	44.0	11.21	43.1	10.60
	-22.8	-23.0	47.1	13.90	46.2	13.16	45.3	12.42	44.9	12.10	44.0	11.78	43.1	11.13
	-24.8	-25.0	44.9	13.58	44.0	12.86	43.2	12.14	42.7	11.82	41.9	11.51	41.0	10.87
	-27.4	-28.0	40.8	12.97	40.1	12.29	39.3	11.60	38.9	11.30	38.1	10.99	37.3	10.38
	-29.9	-30.0	38.1	12.56	37.4	11.89	36.7	11.23	36.3	10.93	35.6	10.64	34.9	10.05
	15.0	13.7	34.1	11.91	33.5	11.29	32.8	10.66	32.5	10.37	31.8	10.09	31.2	9.53
	13.0	11.8	31.4	11.47	30.8	10.86	30.2	10.26	29.9	9.98	29.3	9.71	28.7	9.16
	11.0	9.8	29.2	11.08	28.6	10.49	28.1	9.91	27.8	9.65	27.2	9.38	26.7	8.85
	9.0	7.9	25.4	10.40	24.9	9.85	24.5	9.30	24.2	9.05	23.7	8.80	23.2	8.30
80	8.3	6.1	39.9	8.40	39.1	7.94	38.4	7.49	38.0	7.31	37.2	7.12	36.5	6.75
	5.0	4.1	39.9	8.50	39.1	8.05	38.4	7.59	38.0	7.40	37.2	7.21	36.5	6.84
	2.5	1.7	39.9	8.62	39.1	8.16	38.4	7.70	38.0	7.51	37.2	7.32	36.5	6.93
	0.0	-0.7	39.9	8.74	39.1	8.28	38.4	7.81	38.0	7.61	37.2	7.42	36.5	7.03
	-3.0	-3.7	39.9	8.87	39.1	8.39	38.4	7.92	38.0	7.72	37.2	7.52	36.5	7.13
	-5.0	-5.6	39.9	9.01	39.1	8.53	38.4	8.04	38.0	7.84	37.2	7.64	36.5	7.24
	-7.0	-7.6	39.9	9.19	39.1	8.70	38.4	8.21	38.0	8.00	37.2	7.80	36.5	7.39
	-10.0	-10.5	39.9	9.39	39.1	8.89	38.4	8.39	38.0	8.18	37.2	7.97	36.5	7.54
	-14.5	-15.0	39.9	9.67	39.1	9.15	38.4	8.64	38.0	8.42	37.2	8.20	36.5	7.76
	-19.5	-20.0	40.0	9.89	39.2	9.36	38.5	8.84	38.1	8.61	37.3	8.39	36.6	7.94
	-22.8	-23.0	40.4	10.21	39.6	9.67	38.9	9.12	38.5	8.89	37.7	8.66	36.9	8.19
	-24.8	-25.0	41.0	10.72	40.2	10.15	39.4	9.58	39.0	9.34	38.2	9.09	37.5	8.60
	-27.4	-28.0	41.6	11.35	40.8	10.75	40.0	10.15	39.6	9.89	38.8	9.62	38.1	9.10
	-29.9	-30.0	41.9	11.64	41.1	11.02	40.3	10.40	39.9	10.13	39.1	9.86	38.3	9.33
	15.0	13.7	41.9	12.22	41.1	11.57	40.3	10.93	39.9	10.64	39.1	10.36	38.3	9.79
	13.0	11.8	39.9	11.94	39.1	11.31	38.4	10.67	38.0	10.40	37.2	10.12	36.5	9.56
	11.0	9.8	36.3	11.41	35.6	10.81	34.9	10.20	34.6	9.93	33.9	9.67	33.2	9.13
	9.0	7.9	33.9	11.05	33.3	10.46	32.6	9.88	32.3	9.62	31.6	9.36	31.0	8.84
	8.3	6.1	30.3	10.48	29.7	9.92	29.2	9.37	28.9	9.12	28.3	8.87	27.7	8.38
	5.0	4.1	27.9	10.08	27.4	9.55	26.9	9.02	26.6	8.78	26.1	8.54	25.5	8.06
	2.5	1.7	25.9	9.74	25.4	9.23	24.9	8.72	24.7	8.48	24.2	8.25	23.7	7.78
	0.0	-0.7	22.6	9.14	22.2	8.66	21.7	8.18	21.5	7.96	21.1	7.74	20.7	7.30
70	-3.0	-3.7	34.9	7.27	34.2	6.88	33.6	6.49	33.2	6.33	32.6	6.17	31.9	5.85
	-5.0	-5.6	34.9	7.36	34.2	6.97	33.6	6.57	33.2	6.41	32.6	6.25	31.9	5.92
	-7.0	-7.6	34.9	7.47	34.2	7.07	33.6	6.67	33.2	6.50	32.6	6.33	31.9	6.00
	-10.0	-10.5	34.9	7.57	34.2	7.17	33.6	6.76	33.2	6.59	32.6	6.42	31.9	6.09
	-14.5	-15.0	34.9	7.68	34.2	7.27	33.6	6.85	33.2	6.68	32.6	6.51	31.9	6.17
	-19.5	-20.0	34.9	7.80	34.2	7.38	33.6	6.96	33.2	6.79	32.6	6.62	31.9	6.27
	-22.8	-23.0	34.9	7.96	34.2	7.53	33.6	7.11	33.2	6.93	32.6	6.75	31.9	6.39
	-24.8	-25.0	34.9	8.13	34.2	7.70	33.6	7.26	33.2	7.08	32.6	6.90	31.9	6.53
	-27.4	-28.0	34.9	8.37	34.2	7.93	33.6	7.48	33.2	7.29	32.6	7.10	31.9	6.72
	-29.9	-30.0	35.0	8.56	34.3	8.11	33.7	7.65	33.3	7.46	32.7	7.26	32.0	6.87
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.0	32.11	2.6	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	2.9	28.62	2.5	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	4.4	70.69	3.8	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	4.4	70.69	3.8	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	4.5	70.69	3.9	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	4.5	70.69	3.9	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	4.7	70.69	4.1	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	4.8	70.69	4.1	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	4.9	70.69	4.2	63.62

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP192H1FT6PUL/MMY-UP192H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	66.5	15.37	65.2	14.55	63.9	13.72	63.3	13.38	62.0	13.04	60.8	12.37
	13.0	11.8	66.5	15.57	65.2	14.74	63.9	13.90	63.3	13.56	62.0	13.21	60.8	12.52
	11.0	9.8	66.5	15.79	65.2	14.95	63.9	14.10	63.3	13.75	62.0	13.40	60.8	12.70
	9.0	7.9	66.5	16.01	65.2	15.16	63.9	14.30	63.3	13.94	62.0	13.58	60.8	12.87
	8.3	6.1	66.5	16.24	65.2	15.37	63.9	14.50	63.3	14.13	62.0	13.77	60.8	13.05
	5.0	4.1	66.5	16.50	65.2	15.61	63.9	14.73	63.3	14.36	62.0	13.99	60.8	13.26
	2.5	1.7	66.5	16.84	65.2	15.94	63.9	15.03	63.3	14.66	62.0	14.28	60.8	13.52
	0.0	-0.7	66.5	17.20	65.2	16.28	63.9	15.36	63.3	14.98	62.0	14.59	60.8	13.81
	-3.0	-3.7	66.5	17.71	65.2	16.76	63.9	15.82	63.3	15.42	62.0	15.02	60.8	14.21
	-5.0	-5.6	66.7	18.11	65.4	17.15	64.1	16.18	63.5	15.77	62.2	15.36	61.0	14.54
	-7.0	-7.6	67.3	18.70	66.1	17.71	64.8	16.71	64.1	16.28	62.8	15.86	61.6	15.01
	-10.0	-10.5	68.3	19.64	67.0	18.59	65.7	17.54	65.0	17.10	63.7	16.65	62.4	15.75
	-14.5	-15.0	69.4	20.79	68.0	19.69	66.7	18.58	66.1	18.10	64.7	17.62	63.4	16.67
	-19.5	-20.0	69.8	21.31	68.5	20.17	67.1	19.04	66.5	18.55	65.1	18.06	63.8	17.08
	-22.8	-23.0	63.2	20.19	62.0	19.11	60.8	18.04	60.2	17.57	59.0	17.11	57.8	16.17
	-24.8	-25.0	59.8	19.59	58.7	18.55	57.5	17.51	57.0	17.06	55.8	16.60	54.7	15.69
	-27.4	-28.0	53.8	18.51	52.8	17.53	51.8	16.54	51.3	16.11	50.3	15.68	49.2	14.81
	-29.9	-30.0	49.9	17.75	48.9	16.81	48.0	15.87	47.5	15.46	46.5	15.04	45.6	14.20
	15.0	13.7	43.9	16.57	43.0	15.69	42.2	14.82	41.8	14.42	40.9	14.03	40.1	13.25
	13.0	11.8	39.9	15.73	39.1	14.90	38.4	14.07	38.0	13.70	37.2	13.32	36.5	12.57
	11.0	9.8	36.6	15.00	35.9	14.21	35.2	13.42	34.8	13.06	34.1	12.70	33.4	11.98
	9.0	7.9	31.0	13.69	30.4	12.97	29.8	12.25	29.5	11.92	29.0	11.59	28.4	10.93
110	8.3	6.1	67.8	15.45	66.5	14.62	65.2	13.79	64.6	13.45	63.3	13.11	62.0	12.42
	5.0	4.1	67.8	15.64	66.5	14.80	65.2	13.97	64.6	13.62	63.3	13.27	62.0	12.58
	2.5	1.7	67.8	15.87	66.5	15.01	65.2	14.16	64.6	13.81	63.3	13.46	62.0	12.76
	0.0	-0.7	67.8	16.09	66.5	15.23	65.2	14.36	64.6	14.01	63.3	13.65	62.0	12.93
	-3.0	-3.7	67.8	16.31	66.5	15.44	65.2	14.56	64.6	14.20	63.3	13.84	62.0	13.11
	-5.0	-5.6	67.8	16.58	66.5	15.69	65.2	14.80	64.6	14.43	63.3	14.06	62.0	13.32
	-7.0	-7.6	67.8	16.91	66.5	16.01	65.2	15.10	64.6	14.73	63.3	14.35	62.0	13.59
	-10.0	-10.5	67.8	17.28	66.5	16.36	65.2	15.44	64.6	15.05	63.3	14.66	62.0	13.88
	-14.5	-15.0	67.8	17.79	66.5	16.84	65.2	15.89	64.6	15.49	63.3	15.09	62.0	14.28
	-19.5	-20.0	68.0	18.20	66.7	17.23	65.4	16.26	64.8	15.84	63.5	15.43	62.2	14.60
	-22.8	-23.0	68.7	18.79	67.4	17.79	66.1	16.79	65.4	16.36	64.1	15.93	62.8	15.08
	-24.8	-25.0	69.7	19.73	68.3	18.68	67.0	17.63	66.3	17.17	65.0	16.72	63.7	15.82
	-27.4	-28.0	70.8	20.89	69.4	19.78	68.1	18.67	67.4	18.19	66.0	17.71	64.7	16.75
	-29.9	-30.0	71.2	21.41	69.8	20.27	68.5	19.13	67.8	18.64	66.4	18.14	65.1	17.16
	15.0	13.7	64.5	20.28	63.3	19.20	62.0	18.13	61.4	17.66	60.2	17.19	59.0	16.24
	13.0	11.8	61.0	19.68	59.9	18.64	58.7	17.59	58.1	17.14	57.0	16.68	55.8	15.76
	11.0	9.8	54.9	18.59	53.9	17.61	52.8	16.62	52.3	16.19	51.3	15.75	50.2	14.88
	9.0	7.9	50.9	17.84	49.9	16.89	48.9	15.95	48.4	15.53	47.5	15.11	46.5	14.27
	8.3	6.1	44.7	16.64	43.9	15.76	43.0	14.88	42.6	14.49	41.8	14.10	40.9	13.31
	5.0	4.1	40.7	15.80	39.9	14.97	39.1	14.14	38.7	13.76	38.0	13.38	37.2	12.63
	2.5	1.7	37.3	15.07	36.6	14.27	35.9	13.48	35.5	13.12	34.8	12.76	34.1	12.04
	0.0	-0.7	31.6	13.75	31.0	13.03	30.4	12.31	30.1	11.97	29.5	11.64	28.9	10.98
120	-3.0	-3.7	69.8	15.66	68.5	14.82	67.1	13.98	66.5	13.64	65.1	13.29	63.8	12.60
	-5.0	-5.6	69.8	15.87	68.5	15.01	67.1	14.16	66.5	13.81	65.1	13.46	63.8	12.76
	-7.0	-7.6	69.8	16.09	68.5	15.23	67.1	14.36	66.5	14.01	65.1	13.65	63.8	12.94
	-10.0	-10.5	69.8	16.32	68.5	15.44	67.1	14.57	66.5	14.20	65.1	13.84	63.8	13.12
	-14.5	-15.0	69.8	16.54	68.5	15.66	67.1	14.77	66.5	14.40	65.1	14.03	63.8	13.29
	-19.5	-20.0	69.8	16.81	68.5	15.91	67.1	15.01	66.5	14.63	65.1	14.26	63.8	13.51
	-22.8	-23.0	69.8	17.15	68.5	16.24	67.1	15.32	66.5	14.93	65.1	14.55	63.8	13.78
	-24.8	-25.0	69.8	17.53	68.5	16.59	67.1	15.65	66.5	15.26	65.1	14.86	63.8	14.08
	-27.4	-28.0	69.8	18.04	68.5	17.08	67.1	16.11	66.5	15.71	65.1	15.30	63.8	14.48
	-29.9	-30.0	70.0	18.46	68.7	17.47	67.3	16.49	66.7	16.07	65.3	15.65	64.0	14.81
	15.0	13.7	70.7	19.06	69.4	18.04	68.0	17.02	67.3	16.59	66.0	16.16	64.6	15.29
	13.0	11.8	71.7	20.01	70.3	18.94	69.0	17.88	68.3	17.42	66.9	16.96	65.6	16.05
	11.0	9.8	72.8	21.19	71.4	20.06	70.1	18.93	69.4	18.44	68.0	17.96	66.6	16.98
	9.0	7.9	73.3	21.71	71.9	20.56	70.5	19.40	69.8	18.90	68.4	18.40	67.0	17.40
	8.3	6.1	66.4	20.57	65.1	19.47	63.8	18.38	63.2	17.91	61.9	17.43	60.7	16.47
	5.0	4.1	62.8	19.96	61.6	18.90	60.4	17.84	59.8	17.38	58.6	16.91	57.4	15.98
	2.5	1.7	56.5	18.86	55.5	17.86	54.4	16.86	53.8	16.42	52.8	15.97	51.7	15.09
	0.0	-0.7	52.3	18.09	51.3	17.13	50.4	16.17	49.9	15.75	48.9	15.32	47.9	14.47
	-3.0	-3.7	46.1	16.88	45.2	15.99	44.3	15.10	43.9	14.70	43.0	14.30	42.1	13.50
	-5.0	-5.6	41.9	16.03	41.1	15.18	40.3	14.34	39.9	13.95	39.1	13.57	38.3	12.81
	-7.0	-7.6	38.4	15.28	37.7	14.48	36.9	13.67	36.6	13.30	35.8	12.94	35.1	12.21
	-10.0	-10.5	32.6	13.95	32.0	13.21	31.3	12.48	31.0	12.14	30.4	11.81	29.8	11.14
130	-14.5	-15.0	71.5	15.80	70.1	14.95	68.7	14.11	68.1	13.76	66.7	13.41	65.3	12.71
	-19.5	-20.0	71.5	16.01	70.1	15.15	68.7	14.29	68.1	13.93	66.7	13.58	65.3	12.87
	-22.8	-23.0	71.5	16.23	70.1	15.36	68.7	14.49	68.1	14.13	66.7	13.77	65.3	13.05
	-24.8	-25.0	71.5	16.46	70.1	15.58	68.7	14.70	68.1	14.33	66.7	13.96	65.3	13.23
	-27.4	-28.0	71.5	16.69	70.1	15.79	68.7	14.90	68.1	14.53	66.7	14.16	65.3	13.41
	-29.9	-30.0	71.5	16.96	70.1	16.05	68.7	15.14	68.1	14.76	66.7	14.38	65.3	13.63

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	59.8	13.69	58.7	12.95	57.5	12.22	57.0	11.92	55.8	11.61	54.7	11.01
	13.0	11.8	59.8	13.86	58.7	13.12	57.5	12.38	57.0	12.07	55.8	11.76	54.7	11.15
	11.0	9.8	59.8	14.06	58.7	13.31	57.5	12.55	57.0	12.24	55.8	11.93	54.7	11.30
	9.0	7.9	59.8	14.26	58.7	13.49	57.5	12.73	57.0	12.41	55.8	12.09	54.7	11.46
	8.3	6.1	59.8	14.46	58.7	13.68	57.5	12.91	57.0	12.58	55.8	12.26	54.7	11.62
	5.0	4.1	59.8	14.69	58.7	13.90	57.5	13.12	57.0	12.79	55.8	12.46	54.7	11.80
	2.5	1.7	59.8	14.99	58.7	14.19	57.5	13.39	57.0	13.05	55.8	12.71	54.7	12.04
	0.0	-0.7	59.8	15.32	58.7	14.50	57.5	13.68	57.0	13.33	55.8	12.99	54.7	12.30
	-3.0	-3.7	59.8	15.77	58.7	14.92	57.5	14.08	57.0	13.73	55.8	13.37	54.7	12.66
	-5.0	-5.6	60.0	16.13	58.9	15.27	57.7	14.41	57.1	14.04	56.0	13.67	54.9	12.94
	-7.0	-7.6	60.6	16.65	59.4	15.76	58.3	14.88	57.7	14.50	56.6	14.12	55.4	13.36
	-10.0	-10.5	61.5	17.48	60.3	16.55	59.1	15.62	58.5	15.22	57.4	14.82	56.2	14.02
	-14.5	-15.0	62.4	18.51	61.2	17.53	60.0	16.54	59.5	16.12	58.3	15.69	57.1	14.84
	-19.5	-20.0	62.8	18.97	61.6	17.96	60.4	16.95	59.8	16.52	58.6	16.08	57.4	15.20
	-22.8	-23.0	56.9	17.97	55.8	17.02	54.7	16.06	54.2	15.65	53.1	15.23	52.0	14.40
	-24.8	-25.0	53.8	17.44	52.8	16.52	51.8	15.59	51.3	15.19	50.3	14.78	49.2	13.97
	-27.4	-28.0	48.5	16.48	47.5	15.60	46.6	14.73	46.2	14.34	45.2	13.96	44.3	13.19
	-29.9	-30.0	44.9	15.81	44.0	14.97	43.2	14.13	42.7	13.76	41.9	13.39	41.0	12.65
	15.0	13.7	39.5	14.75	38.7	13.97	38.0	13.19	37.6	12.84	36.9	12.49	36.1	11.79
	13.0	11.8	35.9	14.01	35.2	13.27	34.5	12.53	34.2	12.19	33.5	11.86	32.8	11.19
	11.0	9.8	32.9	13.35	32.3	12.65	31.6	11.95	31.3	11.63	30.7	11.31	30.1	10.67
	9.0	7.9	27.9	12.19	27.4	11.55	26.9	10.91	26.6	10.61	26.1	10.32	25.5	9.73
80	8.3	6.1	53.2	12.04	52.2	11.39	51.2	10.75	50.6	10.48	49.6	10.21	48.6	9.68
	5.0	4.1	53.2	12.19	52.2	11.54	51.2	10.88	50.6	10.61	49.6	10.34	48.6	9.81
	2.5	1.7	53.2	12.37	52.2	11.70	51.2	11.04	50.6	10.76	49.6	10.49	48.6	9.94
	0.0	-0.7	53.2	12.54	52.2	11.87	51.2	11.19	50.6	10.92	49.6	10.64	48.6	10.08
	-3.0	-3.7	53.2	12.71	52.2	12.03	51.2	11.35	50.6	11.07	49.6	10.78	48.6	10.22
	-5.0	-5.6	53.2	12.92	52.2	12.23	51.2	11.53	50.6	11.25	49.6	10.96	48.6	10.38
	-7.0	-7.6	53.2	13.18	52.2	12.48	51.2	11.77	50.6	11.48	49.6	11.18	48.6	10.59
	-10.0	-10.5	53.2	13.47	52.2	12.75	51.2	12.03	50.6	11.73	49.6	11.42	48.6	10.82
	-14.5	-15.0	53.2	13.87	52.2	13.13	51.2	12.38	50.6	12.07	49.6	11.76	48.6	11.13
	-19.5	-20.0	53.3	14.18	52.3	13.43	51.3	12.67	50.8	12.35	49.8	12.03	48.8	11.38
	-22.8	-23.0	53.9	14.65	52.8	13.86	51.8	13.08	51.3	12.75	50.3	12.42	49.3	11.75
	-24.8	-25.0	54.6	15.38	53.6	14.56	52.6	13.74	52.0	13.39	51.0	13.03	50.0	12.33
	-27.4	-28.0	55.5	16.28	54.4	15.42	53.4	14.55	52.8	14.17	51.8	13.80	50.7	13.05
	-29.9	-30.0	55.8	16.68	54.8	15.80	53.7	14.91	53.2	14.52	52.1	14.14	51.0	13.37
	15.0	13.7	50.6	15.81	49.6	14.97	48.6	14.13	48.2	13.76	47.2	13.39	46.2	12.66
	13.0	11.8	47.9	15.34	46.9	14.53	46.0	13.71	45.6	13.35	44.7	13.00	43.8	12.28
	11.0	9.8	43.1	14.49	42.3	13.72	41.4	12.95	41.0	12.62	40.2	12.28	39.4	11.60
	9.0	7.9	39.9	13.90	39.1	13.16	38.4	12.43	38.0	12.10	37.2	11.77	36.5	11.12
	8.3	6.1	35.1	12.97	34.4	12.29	33.8	11.60	33.4	11.29	32.8	10.99	32.1	10.37
	5.0	4.1	31.9	12.32	31.3	11.67	30.7	11.02	30.4	10.72	29.8	10.43	29.2	9.84
	2.5	1.7	29.2	11.74	28.7	11.12	28.1	10.51	27.9	10.22	27.3	9.94	26.7	9.38
	0.0	-0.7	24.8	10.72	24.3	10.16	23.9	9.59	23.6	9.33	23.2	9.07	22.7	8.56
70	-3.0	-3.7	46.5	10.42	45.6	9.86	44.8	9.30	44.3	9.07	43.4	8.84	42.5	8.38
	-5.0	-5.6	46.5	10.56	45.6	9.99	44.8	9.42	44.3	9.19	43.4	8.96	42.5	8.49
	-7.0	-7.6	46.5	10.71	45.6	10.13	44.8	9.56	44.3	9.32	43.4	9.08	42.5	8.61
	-10.0	-10.5	46.5	10.86	45.6	10.27	44.8	9.69	44.3	9.45	43.4	9.21	42.5	8.73
	-14.5	-15.0	46.5	11.01	45.6	10.42	44.8	9.83	44.3	9.58	43.4	9.34	42.5	8.85
	-19.5	-20.0	46.5	11.19	45.6	10.59	44.8	9.99	44.3	9.74	43.4	9.49	42.5	8.99
	-22.8	-23.0	46.5	11.41	45.6	10.80	44.8	10.19	44.3	9.94	43.4	9.68	42.5	9.17
	-24.8	-25.0	46.5	11.66	45.6	11.04	44.8	10.42	44.3	10.15	43.4	9.89	42.5	9.37
	-27.4	-28.0	46.5	12.01	45.6	11.36	44.8	10.72	44.3	10.45	43.4	10.18	42.5	9.64
	-29.9	-30.0	46.7	12.28	45.8	11.62	44.9	10.97	44.4	10.69	43.6	10.41	42.7	9.86
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.2	32.11	2.8	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	3.1	28.62	2.6	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	4.7	70.69	4.1	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	4.8	70.69	4.1	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	4.8	70.69	4.2	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	4.9	70.69	4.2	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	5.0	70.69	4.4	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	5.1	70.69	4.4	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	5.3	70.69	4.5	63.62

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP240H1FT6PUL/MMY-UP240H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	83.1	20.52	81.5	19.42	79.9	18.32	79.1	17.86	77.5	17.41	76.0	16.50
	13.0	11.8	83.1	20.78	81.5	19.67	79.9	18.55	79.1	18.09	77.5	17.63	76.0	16.71
	11.0	9.8	83.1	21.08	81.5	19.95	79.9	18.82	79.1	18.35	77.5	17.88	76.0	16.95
	9.0	7.9	83.1	21.37	81.5	20.23	79.9	19.08	79.1	18.61	77.5	18.13	76.0	17.18
	8.3	6.1	83.1	21.67	81.5	20.51	79.9	19.35	79.1	18.86	77.5	18.38	76.0	17.41
	5.0	4.1	83.1	22.02	81.5	20.84	79.9	19.66	79.1	19.17	77.5	18.68	76.0	17.69
	2.5	1.7	83.1	22.47	81.5	21.27	79.9	20.07	79.1	19.56	77.5	19.06	76.0	18.05
	0.0	-0.7	83.1	22.96	81.5	21.73	79.9	20.50	79.1	19.99	77.5	19.47	76.0	18.44
	-3.0	-3.7	83.1	23.63	81.5	22.37	79.9	21.11	79.1	20.57	77.5	20.04	76.0	18.97
	-5.0	-5.6	83.4	24.19	81.8	22.89	80.2	21.60	79.4	21.06	77.8	20.51	76.2	19.41
	-7.0	-7.6	84.3	25.01	82.7	23.68	81.1	22.34	80.3	21.77	78.7	21.20	77.1	20.07
	-10.0	-10.5	85.7	26.31	84.1	24.91	82.4	23.51	81.6	22.91	80.0	22.31	78.4	21.10
	-14.5	-15.0	87.2	27.93	85.6	26.44	83.9	24.96	83.1	24.32	81.4	23.67	79.8	22.39
	-19.5	-20.0	83.1	27.03	81.5	25.59	79.9	24.15	79.1	23.53	77.5	22.91	76.0	21.66
	-22.8	-23.0	72.7	24.70	71.3	23.39	69.9	22.08	69.2	21.51	67.9	20.93	66.5	19.79
	-24.8	-25.0	67.3	23.43	66.0	22.19	64.7	20.95	64.1	20.40	62.8	19.86	61.5	18.77
	-27.4	-28.0	59.9	21.87	58.7	20.72	57.6	19.56	57.0	19.04	55.9	18.53	54.7	17.51
	-29.9	-30.0	54.8	20.72	53.7	19.62	52.7	18.52	52.1	18.04	51.1	17.55	50.1	16.57
	15.0	13.7	47.1	18.88	46.2	17.88	45.3	16.88	44.8	16.44	43.9	15.99	43.0	15.09
	13.0	11.8	42.0	17.57	41.2	16.64	40.4	15.71	40.0	15.29	39.2	14.88	38.4	14.04
	11.0	9.8	37.7	16.41	37.0	15.54	36.3	14.68	35.9	14.28	35.2	13.89	34.5	13.11
	9.0	7.9	30.6	14.31	30.0	13.55	29.4	12.80	29.1	12.46	28.5	12.11	28.0	11.42
110	8.3	6.1	84.8	20.61	83.1	19.51	81.5	18.40	80.7	17.95	79.1	17.49	77.5	16.58
	5.0	4.1	84.8	20.88	83.1	19.76	81.5	18.64	80.7	18.18	79.1	17.71	77.5	16.79
	2.5	1.7	84.8	21.17	83.1	20.04	81.5	18.90	80.7	18.43	79.1	17.96	77.5	17.02
	0.0	-0.7	84.8	21.47	83.1	20.32	81.5	19.17	80.7	18.69	79.1	18.21	77.5	17.26
	-3.0	-3.7	84.8	21.77	83.1	20.60	81.5	19.44	80.7	18.95	79.1	18.47	77.5	17.50
	-5.0	-5.6	84.8	22.12	83.1	20.94	81.5	19.75	80.7	19.26	79.1	18.76	77.5	17.77
	-7.0	-7.6	84.8	22.57	83.1	21.37	81.5	20.16	80.7	19.65	79.1	19.15	77.5	18.13
	-10.0	-10.5	84.8	23.07	83.1	21.83	81.5	20.60	80.7	20.08	79.1	19.56	77.5	18.52
	-14.5	-15.0	84.8	23.74	83.1	22.47	81.5	21.21	80.7	20.67	79.1	20.13	77.5	19.06
	-19.5	-20.0	85.0	24.30	83.4	23.00	81.8	21.70	81.0	21.15	79.4	20.60	77.8	19.50
	-22.8	-23.0	86.0	25.13	84.4	23.79	82.7	22.45	81.9	21.87	80.3	21.30	78.6	20.16
	-24.8	-25.0	87.4	26.44	85.8	25.03	84.1	23.62	83.3	23.01	81.6	22.41	79.9	21.20
	-27.4	-28.0	89.0	28.06	87.3	26.57	85.6	25.07	84.8	24.43	83.1	23.78	81.4	22.49
	-29.9	-30.0	84.8	27.15	83.1	25.71	81.5	24.27	80.7	23.64	79.1	23.01	77.5	21.76
	15.0	13.7	74.2	24.82	72.7	23.50	71.3	22.18	70.6	21.61	69.2	21.03	67.8	19.88
	13.0	11.8	68.6	23.54	67.3	22.29	66.0	21.04	65.4	20.50	64.1	19.95	62.8	18.85
	11.0	9.8	61.1	21.98	59.9	20.81	58.7	19.65	58.2	19.13	57.0	18.62	55.8	17.59
	9.0	7.9	55.9	20.81	54.8	19.71	53.7	18.61	53.2	18.12	52.1	17.63	51.1	16.65
	8.3	6.1	48.0	18.97	47.1	17.96	46.2	16.96	45.7	16.51	44.8	16.06	43.9	15.16
	5.0	4.1	42.8	17.65	42.0	16.72	41.2	15.78	40.8	15.36	39.9	14.94	39.1	14.10
	2.5	1.7	38.4	16.48	37.7	15.61	37.0	14.74	36.6	14.35	35.9	13.96	35.2	13.17
	0.0	-0.7	31.2	14.37	30.6	13.62	30.0	12.86	29.7	12.51	29.1	12.17	28.5	11.48
120	-3.0	-3.7	87.2	20.91	85.6	19.78	83.9	18.66	83.1	18.20	81.4	17.74	79.8	16.81
	-5.0	-5.6	87.2	21.17	85.6	20.04	83.9	18.90	83.1	18.43	81.4	17.96	79.8	17.03
	-7.0	-7.6	87.2	21.47	85.6	20.32	83.9	19.17	83.1	18.69	81.4	18.22	79.8	17.26
	-10.0	-10.5	87.2	21.78	85.6	20.61	83.9	19.44	83.1	18.96	81.4	18.47	79.8	17.50
	-14.5	-15.0	87.2	22.08	85.6	20.89	83.9	19.71	83.1	19.22	81.4	18.73	79.8	17.74
	-19.5	-20.0	87.2	22.43	85.6	21.23	83.9	20.03	83.1	19.53	81.4	19.03	79.8	18.03
	-22.8	-23.0	87.2	22.89	85.6	21.67	83.9	20.44	83.1	19.93	81.4	19.42	79.8	18.39
	-24.8	-25.0	87.2	23.39	85.6	22.14	83.9	20.89	83.1	20.36	81.4	19.84	79.8	18.79
	-27.4	-28.0	87.2	24.08	85.6	22.79	83.9	21.51	83.1	20.96	81.4	20.42	79.8	19.33
	-29.9	-30.0	87.5	24.64	85.9	23.33	84.2	22.01	83.4	21.45	81.7	20.89	80.0	19.78
	15.0	13.7	88.5	25.48	86.9	24.12	85.2	22.76	84.3	22.18	82.6	21.60	81.0	20.44
	13.0	11.8	90.0	26.81	88.3	25.38	86.6	23.95	85.7	23.34	84.0	22.73	82.3	21.50
	11.0	9.8	91.6	28.46	89.9	26.94	88.1	25.43	87.2	24.77	85.5	24.12	83.8	22.81
	9.0	7.9	87.2	27.54	85.6	26.07	83.9	24.61	83.1	23.97	81.4	23.34	79.8	22.07
	8.3	6.1	76.3	25.17	74.9	23.83	73.4	22.50	72.7	21.91	71.2	21.33	69.8	20.16
	5.0	4.1	70.7	23.88	69.3	22.61	68.0	21.34	67.3	20.79	66.0	20.23	64.6	19.12
	2.5	1.7	62.9	22.29	61.7	21.11	60.5	19.92	59.9	19.40	58.7	18.88	57.5	17.84
	0.0	-0.7	57.5	21.11	56.4	19.99	55.3	18.87	54.8	18.38	53.7	17.88	52.6	16.89
	-3.0	-3.7	49.4	19.24	48.5	18.22	47.5	17.20	47.1	16.75	46.1	16.29	45.2	15.38
	-5.0	-5.6	44.1	17.90	43.2	16.95	42.4	16.01	42.0	15.58	41.1	15.16	40.3	14.30
	-7.0	-7.6	39.6	16.72	38.8	15.83	38.1	14.95	37.7	14.55	36.9	14.15	36.2	13.35
	-10.0	-10.5	32.1	14.58	31.5	13.81	30.9	13.04	30.6	12.69	30.0	12.34	29.4	11.64
130	-14.5	-15.0	89.3	21.09	87.6	19.96	85.9	18.83	85.1	18.36	83.4	17.89	81.7	16.96
	-19.5	-20.0	89.3	21.36	87.6	20.22	85.9	19.07	85.1	18.60	83.4	18.12	81.7	17.18
	-22.8	-23.0	89.3	21.66	87.6	20.50	85.9	19.34	85.1	18.86	83.4	18.38	81.7	17.42
	-24.8	-25.0	89.3	21.97	87.6	20.79	85.9	19.61	85.1	19.12	83.4	18.64	81.7	17.66
	-27.4	-28.0	89.3	22.27	87.6	21.08	85.9	19.89	85.1	19.39	83.4	18.89	81.7	17.90
	-29.9	-30.0	89.3	22.63	87.6	21.42	85.9	20.21	85.1	19.70	83.4	19.20	81.7	18.19

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	74.8	18.27	73.4	17.29	71.9	16.31	71.2	15.90	69.8	15.50	68.4	14.69
	13.0	11.8	74.8	18.50	73.4	17.51	71.9	16.52	71.2	16.11	69.8	15.70	68.4	14.88
	11.0	9.8	74.8	18.77	73.4	17.76	71.9	16.75	71.2	16.34	69.8	15.92	68.4	15.09
	9.0	7.9	74.8	19.03	73.4	18.01	71.9	16.99	71.2	16.57	69.8	16.14	68.4	15.30
	8.3	6.1	74.8	19.29	73.4	18.26	71.9	17.22	71.2	16.79	69.8	16.36	68.4	15.50
	5.0	4.1	74.8	19.60	73.4	18.55	71.9	17.50	71.2	17.07	69.8	16.63	68.4	15.75
	2.5	1.7	74.8	20.01	73.4	18.94	71.9	17.86	71.2	17.42	69.8	16.97	68.4	16.07
	0.0	-0.7	74.8	20.44	73.4	19.35	71.9	18.26	71.2	17.80	69.8	17.34	68.4	16.42
	-3.0	-3.7	74.8	21.04	73.4	19.92	71.9	18.79	71.2	18.32	69.8	17.84	68.4	16.89
	-5.0	-5.6	75.0	21.53	73.6	20.38	72.2	19.23	71.5	18.75	70.0	18.26	68.6	17.28
	-7.0	-7.6	75.9	22.27	74.4	21.08	73.0	19.89	72.3	19.39	70.8	18.88	69.4	17.87
	-10.0	-10.5	77.1	23.43	75.7	22.18	74.2	20.93	73.5	20.40	72.0	19.86	70.5	18.79
	-14.5	-15.0	78.5	24.87	77.0	23.54	75.5	22.22	74.8	21.65	73.3	21.08	71.8	19.93
	-19.5	-20.0	74.8	24.06	73.4	22.78	71.9	21.50	71.2	20.95	69.8	20.39	68.4	19.29
	-22.8	-23.0	65.4	22.00	64.2	20.83	62.9	19.66	62.3	19.15	61.1	18.64	59.8	17.62
	-24.8	-25.0	60.6	20.86	59.4	19.76	58.3	18.65	57.7	18.16	56.5	17.68	55.4	16.71
	-27.4	-28.0	53.9	19.48	52.9	18.44	51.8	17.41	51.3	16.96	50.3	16.50	49.3	15.59
	-29.9	-30.0	49.3	18.45	48.3	17.47	47.4	16.49	46.9	16.06	46.0	15.63	45.1	14.76
	15.0	13.7	42.4	16.81	41.6	15.92	40.8	15.03	40.4	14.63	39.5	14.24	38.7	13.44
	13.0	11.8	37.8	15.64	37.0	14.81	36.3	13.99	36.0	13.62	35.2	13.24	34.5	12.50
	11.0	9.8	33.9	14.61	33.3	13.84	32.6	13.07	32.3	12.72	31.7	12.37	31.0	11.67
	9.0	7.9	27.5	12.74	27.0	12.07	26.5	11.40	26.2	11.09	25.7	10.78	25.2	10.17
80	8.3	6.1	66.5	16.07	65.2	15.20	63.9	14.34	63.3	13.99	62.0	13.63	60.8	12.92
	5.0	4.1	66.5	16.27	65.2	15.40	63.9	14.53	63.3	14.17	62.0	13.81	60.8	13.09
	2.5	1.7	66.5	16.50	65.2	15.62	63.9	14.73	63.3	14.37	62.0	14.00	60.8	13.27
	0.0	-0.7	66.5	16.73	65.2	15.84	63.9	14.94	63.3	14.57	62.0	14.20	60.8	13.45
	-3.0	-3.7	66.5	16.97	65.2	16.06	63.9	15.15	63.3	14.77	62.0	14.39	60.8	13.64
	-5.0	-5.6	66.5	17.24	65.2	16.32	63.9	15.39	63.3	15.01	62.0	14.62	60.8	13.85
	-7.0	-7.6	66.5	17.59	65.2	16.65	63.9	15.71	63.3	15.32	62.0	14.92	60.8	14.13
	-10.0	-10.5	66.5	17.98	65.2	17.02	63.9	16.06	63.3	15.65	62.0	15.25	60.8	14.44
	-14.5	-15.0	66.5	18.51	65.2	17.52	63.9	16.53	63.3	16.11	62.0	15.69	60.8	14.85
	-19.5	-20.0	66.7	18.94	65.4	17.93	64.2	16.92	63.5	16.49	62.3	16.06	61.0	15.20
	-22.8	-23.0	67.5	19.58	66.2	18.54	64.9	17.49	64.2	17.05	63.0	16.60	61.7	15.71
	-24.8	-25.0	68.6	20.60	67.3	19.51	66.0	18.41	65.3	17.94	64.0	17.47	62.7	16.52
	-27.4	-28.0	69.8	21.87	68.5	20.71	67.1	19.54	66.5	19.04	65.1	18.54	63.8	17.53
	-29.9	-30.0	66.5	21.16	65.2	20.04	63.9	18.91	63.3	18.42	62.0	17.94	60.8	16.96
	15.0	13.7	58.2	19.34	57.1	18.32	55.9	17.29	55.4	16.84	54.3	16.39	53.2	15.49
	13.0	11.8	53.8	18.35	52.8	17.38	51.8	16.40	51.3	15.97	50.3	15.55	49.2	14.69
	11.0	9.8	47.9	17.13	47.0	16.22	46.1	15.31	45.6	14.91	44.7	14.51	43.8	13.71
	9.0	7.9	43.8	16.22	43.0	15.36	42.1	14.51	41.7	14.12	40.9	13.74	40.0	12.98
	8.3	6.1	37.7	14.78	36.9	14.00	36.2	13.22	35.9	12.87	35.2	12.52	34.4	11.82
	5.0	4.1	33.6	13.75	32.9	13.03	32.3	12.30	32.0	11.97	31.3	11.65	30.7	10.99
	2.5	1.7	30.2	12.85	29.6	12.17	29.0	11.49	28.7	11.18	28.1	10.88	27.6	10.26
	0.0	-0.7	24.5	11.20	24.0	10.61	23.5	10.02	23.3	9.75	22.8	9.48	22.4	8.94
70	-3.0	-3.7	58.2	13.91	57.1	13.16	55.9	12.42	55.4	12.11	54.3	11.80	53.2	11.19
	-5.0	-5.6	58.2	14.09	57.1	13.33	55.9	12.58	55.4	12.27	54.3	11.95	53.2	11.33
	-7.0	-7.6	58.2	14.29	57.1	13.52	55.9	12.76	55.4	12.44	54.3	12.12	53.2	11.49
	-10.0	-10.5	58.2	14.49	57.1	13.71	55.9	12.94	55.4	12.61	54.3	12.29	53.2	11.65
	-14.5	-15.0	58.2	14.69	57.1	13.90	55.9	13.12	55.4	12.79	54.3	12.46	53.2	11.81
	-19.5	-20.0	58.2	14.93	57.1	14.13	55.9	13.33	55.4	12.99	54.3	12.66	53.2	11.99
	-22.8	-23.0	58.2	15.23	57.1	14.42	55.9	13.60	55.4	13.26	54.3	12.92	53.2	12.24
	-24.8	-25.0	58.2	15.57	57.1	14.73	55.9	13.90	55.4	13.55	54.3	13.20	53.2	12.50
	-27.4	-28.0	58.2	16.02	57.1	15.17	55.9	14.31	55.4	13.95	54.3	13.59	53.2	12.86
	-29.9	-30.0	58.4	16.40	57.3	15.52	56.1	14.65	55.6	14.27	54.5	13.90	53.4	13.16
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.4	32.11	3.0	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	3.2	28.62	2.8	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	5.0	70.69	4.3	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	5.1	70.69	4.4	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	5.1	70.69	4.5	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	5.2	70.69	4.5	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	5.4	70.69	4.7	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	5.5	70.69	4.7	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	5.6	70.69	4.8	63.62

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

HEATING (°C)

MMY-UP288H1FT6PUL/MMY-UP288H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	99.7	26.34	97.8	24.93	95.9	23.51	95.0	22.93	93.1	22.35	91.2	21.19
	13.0	11.8	99.7	26.68	97.8	25.25	95.9	23.82	95.0	23.23	93.1	22.64	91.2	21.46
	11.0	9.8	99.7	27.06	97.8	25.61	95.9	24.16	95.0	23.56	93.1	22.96	91.2	21.76
	9.0	7.9	99.7	27.44	97.8	25.97	95.9	24.50	95.0	23.89	93.1	23.28	91.2	22.06
	8.3	6.1	99.7	27.82	97.8	26.33	95.9	24.84	95.0	24.22	93.1	23.60	91.2	22.36
	5.0	4.1	99.7	28.27	97.8	26.76	95.9	25.24	95.0	24.61	93.1	23.98	91.2	22.71
	2.5	1.7	99.7	28.85	97.8	27.31	95.9	25.76	95.0	25.11	93.1	24.47	91.2	23.17
	0.0	-0.7	99.7	29.48	97.8	27.90	95.9	26.33	95.0	25.66	93.1	25.00	91.2	23.67
	-3.0	-3.7	99.7	30.34	97.8	28.72	95.9	27.10	95.0	26.41	93.1	25.73	91.2	24.36
	-5.0	-5.6	100.0	31.04	98.1	29.38	96.2	27.72	95.2	27.02	93.3	26.32	91.4	24.91
	-7.0	-7.6	101.0	32.05	99.1	30.34	97.2	28.63	96.2	27.90	94.3	27.17	92.3	25.71
	-10.0	-10.5	102.4	33.65	100.5	31.85	98.5	30.06	97.6	29.29	95.6	28.52	93.7	26.98
	-14.5	-15.0	104.0	35.63	102.1	33.73	100.1	31.84	99.1	31.02	97.1	30.20	95.1	28.56
	-19.5	-20.0	104.7	36.51	102.7	34.57	100.7	32.63	99.7	31.79	97.7	30.94	95.7	29.26
	-22.8	-23.0	94.8	34.59	93.0	32.75	91.2	30.91	90.3	30.11	88.5	29.31	86.7	27.71
	-24.8	-25.0	89.7	33.57	88.0	31.79	86.3	30.01	85.5	29.22	83.8	28.44	82.0	26.88
	-27.4	-28.0	80.8	31.71	79.2	30.03	77.7	28.35	76.9	27.61	75.4	26.86	73.8	25.38
	-29.9	-30.0	74.8	30.42	73.4	28.81	71.9	27.20	71.2	26.48	69.8	25.77	68.4	24.34
	15.0	13.7	65.8	28.39	64.6	26.89	63.3	25.39	62.7	24.71	61.4	24.04	60.2	22.70
	13.0	11.8	59.8	26.95	58.7	25.53	57.5	24.11	57.0	23.47	55.8	22.82	54.7	21.54
	11.0	9.8	54.8	25.70	53.8	24.34	52.7	22.99	52.2	22.37	51.2	21.76	50.1	20.53
	9.0	7.9	46.5	23.46	45.6	22.22	44.8	20.99	44.3	20.42	43.4	19.86	42.5	18.73
110	8.3	6.1	101.7	26.47	99.8	25.05	97.8	23.62	96.9	23.04	94.9	22.46	93.0	21.29
	5.0	4.1	101.7	26.81	99.8	25.37	97.8	23.93	96.9	23.34	94.9	22.74	93.0	21.56
	2.5	1.7	101.7	27.19	99.8	25.73	97.8	24.27	96.9	23.67	94.9	23.06	93.0	21.86
	0.0	-0.7	101.7	27.57	99.8	26.09	97.8	24.61	96.9	24.00	94.9	23.39	93.0	22.16
	-3.0	-3.7	101.7	27.95	99.8	26.45	97.8	24.95	96.9	24.33	94.9	23.71	93.0	22.46
	-5.0	-5.6	101.7	28.40	99.8	26.88	97.8	25.36	96.9	24.72	94.9	24.09	93.0	22.82
	-7.0	-7.6	101.7	28.98	99.8	27.43	97.8	25.88	96.9	25.23	94.9	24.58	93.0	23.28
	-10.0	-10.5	101.7	29.62	99.8	28.03	97.8	26.45	96.9	25.78	94.9	25.11	93.0	23.78
	-14.5	-15.0	101.7	30.48	99.8	28.86	97.8	27.23	96.9	26.54	94.9	25.85	93.0	24.47
	-19.5	-20.0	102.0	31.18	100.1	29.52	98.1	27.85	97.1	27.15	95.2	26.44	93.3	25.02
	-22.8	-23.0	103.0	32.20	101.1	30.48	99.1	28.76	98.1	28.03	96.2	27.30	94.2	25.83
	-24.8	-25.0	104.5	33.80	102.5	32.00	100.5	30.20	99.5	29.43	97.5	28.66	95.5	27.11
	-27.4	-28.0	106.1	35.79	104.1	33.89	102.1	31.98	101.1	31.16	99.1	30.34	97.0	28.69
	-29.9	-30.0	106.8	36.68	104.8	34.73	102.7	32.78	101.7	31.93	99.7	31.09	97.6	29.40
	15.0	13.7	96.7	34.75	94.9	32.90	93.0	31.06	92.1	30.25	90.3	29.45	88.4	27.83
	13.0	11.8	91.5	33.73	89.8	31.94	88.0	30.15	87.2	29.36	85.4	28.58	83.7	27.01
	11.0	9.8	82.4	31.86	80.8	30.17	79.2	28.48	78.5	27.73	76.9	26.99	75.3	25.50
	9.0	7.9	76.3	30.56	74.8	28.94	73.4	27.33	72.6	26.61	71.2	25.89	69.7	24.45
	8.3	6.1	67.1	28.52	65.8	27.01	64.6	25.51	63.9	24.83	62.6	24.15	61.4	22.80
	5.0	4.1	61.0	27.08	59.9	25.65	58.7	24.22	58.1	23.58	57.0	22.93	55.8	21.64
	2.5	1.7	55.9	25.82	54.9	24.46	53.8	23.10	53.3	22.48	52.2	21.86	51.1	20.63
	0.0	-0.7	47.5	23.57	46.6	22.33	45.7	21.09	45.2	20.52	44.3	19.95	43.4	18.81
120	-3.0	-3.7	104.7	26.84	102.7	25.40	100.7	23.96	99.7	23.37	97.7	22.77	95.7	21.59
	-5.0	-5.6	104.7	27.19	102.7	25.73	100.7	24.27	99.7	23.67	97.7	23.06	95.7	21.86
	-7.0	-7.6	104.7	27.57	102.7	26.09	100.7	24.61	99.7	24.00	97.7	23.39	95.7	22.17
	-10.0	-10.5	104.7	27.96	102.7	26.46	100.7	24.96	99.7	24.34	97.7	23.72	95.7	22.47
	-14.5	-15.0	104.7	28.35	102.7	26.83	100.7	25.31	99.7	24.68	97.7	24.04	95.7	22.78
	-19.5	-20.0	104.7	28.80	102.7	27.26	100.7	25.72	99.7	25.07	97.7	24.43	95.7	23.14
	-22.8	-23.0	104.7	29.39	102.7	27.82	100.7	26.25	99.7	25.59	97.7	24.93	95.7	23.61
	-24.8	-25.0	104.7	30.03	102.7	28.43	100.7	26.82	99.7	26.15	97.7	25.47	95.7	24.12
	-27.4	-28.0	104.7	30.92	102.7	29.26	100.7	27.61	99.7	26.91	97.7	26.21	95.7	24.82
	-29.9	-30.0	105.0	31.62	103.0	29.94	101.0	28.25	100.0	27.53	98.0	26.81	96.0	25.38
	15.0	13.7	106.1	32.65	104.0	30.91	102.0	29.17	101.0	28.43	99.0	27.68	97.0	26.20
	13.0	11.8	107.6	34.28	105.5	32.46	103.5	30.63	102.4	29.84	100.4	29.06	98.4	27.49
	11.0	9.8	109.2	36.30	107.2	34.37	105.1	32.44	104.0	31.60	102.0	30.77	99.9	29.10
	9.0	7.9	109.9	37.20	107.8	35.22	105.7	33.24	104.7	32.38	102.6	31.53	100.5	29.81
	8.3	6.1	99.6	35.24	97.7	33.37	95.8	31.50	94.8	30.68	92.9	29.86	91.0	28.23
	5.0	4.1	94.2	34.20	92.4	32.39	90.6	30.57	89.7	29.78	87.9	28.98	86.1	27.39
	2.5	1.7	84.8	32.31	83.2	30.60	81.6	28.88	80.8	28.13	79.1	27.37	77.5	25.86
	0.0	-0.7	78.5	30.99	77.0	29.35	75.5	27.71	74.8	26.98	73.3	26.25	71.8	24.79
	-3.0	-3.7	69.1	28.92	67.8	27.39	66.5	25.87	65.8	25.18	64.5	24.50	63.2	23.12
	-5.0	-5.6	62.8	27.46	61.6	26.01	60.4	24.56	59.8	23.91	58.6	23.26	57.4	21.95
	-7.0	-7.6	57.6	26.19	56.5	24.80	55.4	23.42	54.8	22.80	53.7	22.17	52.6	20.92
	-10.0	-10.5	48.9	23.90	47.9	22.64	47.0	21.38	46.5	20.81	45.6	20.23	44.7	19.08
130	-14.5	-15.0	107.2	27.08	105.1	25.62	103.1	24.17	102.1	23.57	100.0	22.97	98.0	21.78
	-19.5	-20.0	107.2	27.43	105.1	25.95	103.1	24.48	102.1	23.88	100.0	23.27	98.0	22.06
	-22.8	-23.0	107.2	27.81	105.1	26.32	103.1	24.83	102.1	24.21	100.0	23.60	98.0	22.36
	-24.8	-25.0	107.2	28.20	105.1	26.69	103.1	25.18	102.1	24.55	100.0	23.93	98.0	22.67
	-27.4	-28.0	107.2	28.60	105.1	27.06	103.1	25.53	102.1	24.89	100.0	24.26	98.0	22.98
	-29.9	-30.0	107.2	29.06	105.1	27.50	103.1	25.95	102.1	25.30	100.0	24.65	98.0	23.35

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	89.7	23.46	88.0	22.20	86.3	20.94	85.5	20.42	83.8	19.90	82.0	18.87
	13.0	11.8	89.7	23.76	88.0	22.48	86.3	21.21	85.5	20.68	83.8	20.16	82.0	19.10
	11.0	9.8	89.7	24.09	88.0	22.80	86.3	21.51	85.5	20.97	83.8	20.44	82.0	19.37
	9.0	7.9	89.7	24.43	88.0	23.12	86.3	21.81	85.5	21.27	83.8	20.72	82.0	19.64
	8.3	6.1	89.7	24.77	88.0	23.44	86.3	22.12	85.5	21.56	83.8	21.01	82.0	19.91
	5.0	4.1	89.7	25.17	88.0	23.82	86.3	22.47	85.5	21.91	83.8	21.35	82.0	20.22
	2.5	1.7	89.7	25.69	88.0	24.31	86.3	22.94	85.5	22.36	83.8	21.78	82.0	20.63
	0.0	-0.7	89.7	26.25	88.0	24.84	86.3	23.44	85.5	22.85	83.8	22.26	82.0	21.08
	-3.0	-3.7	89.7	27.02	88.0	25.57	86.3	24.13	85.5	23.52	83.8	22.91	82.0	21.69
	-5.0	-5.6	90.0	27.63	88.3	26.16	86.6	24.68	85.7	24.06	84.0	23.43	82.3	22.18
	-7.0	-7.6	90.9	28.53	89.2	27.01	87.4	25.49	86.6	24.84	84.8	24.19	83.1	22.89
	-10.0	-10.5	92.2	29.96	90.4	28.36	88.7	26.77	87.8	26.08	86.1	25.40	84.3	24.03
	-14.5	-15.0	93.6	31.72	91.9	30.03	90.1	28.35	89.2	27.62	87.4	26.89	85.6	25.43
	-19.5	-20.0	94.2	32.51	92.4	30.78	90.6	29.05	89.7	28.30	87.9	27.55	86.1	26.05
	-22.8	-23.0	85.3	30.80	83.7	29.16	82.1	27.52	81.3	26.81	79.6	26.10	78.0	24.67
	-24.8	-25.0	80.8	29.89	79.2	28.30	77.7	26.72	76.9	26.02	75.4	25.32	73.8	23.93
	-27.4	-28.0	72.7	28.23	71.3	26.74	69.9	25.24	69.2	24.58	67.8	23.92	66.5	22.59
	-29.9	-30.0	67.3	27.08	66.0	25.65	64.7	24.22	64.1	23.58	62.8	22.94	61.5	21.67
	15.0	13.7	59.2	25.28	58.1	23.94	57.0	22.60	56.4	22.00	55.3	21.41	54.1	20.21
	13.0	11.8	53.8	24.00	52.8	22.73	51.8	21.46	51.3	20.89	50.3	20.32	49.2	19.18
	11.0	9.8	49.4	22.88	48.4	21.68	47.5	20.47	47.0	19.92	46.1	19.37	45.1	18.28
	9.0	7.9	41.9	20.89	41.1	19.79	40.3	18.69	39.9	18.18	39.1	17.68	38.3	16.67
80	8.3	6.1	79.8	20.63	78.2	19.52	76.7	18.41	76.0	17.96	74.4	17.50	72.9	16.59
	5.0	4.1	79.8	20.89	78.2	19.77	76.7	18.65	76.0	18.19	74.4	17.73	72.9	16.80
	2.5	1.7	79.8	21.19	78.2	20.05	76.7	18.92	76.0	18.45	74.4	17.98	72.9	17.04
	0.0	-0.7	79.8	21.49	78.2	20.33	76.7	19.18	76.0	18.70	74.4	18.23	72.9	17.27
	-3.0	-3.7	79.8	21.78	78.2	20.62	76.7	19.45	76.0	18.96	74.4	18.48	72.9	17.51
	-5.0	-5.6	79.8	22.14	78.2	20.95	76.7	19.76	76.0	19.27	74.4	18.78	72.9	17.79
	-7.0	-7.6	79.8	22.59	78.2	21.38	76.7	20.17	76.0	19.67	74.4	19.16	72.9	18.15
	-10.0	-10.5	79.8	23.08	78.2	21.85	76.7	20.61	76.0	20.09	74.4	19.57	72.9	18.54
	-14.5	-15.0	79.8	23.76	78.2	22.49	76.7	21.22	76.0	20.68	74.4	20.15	72.9	19.07
	-19.5	-20.0	80.0	24.30	78.5	23.01	77.0	21.71	76.2	21.16	74.7	20.61	73.1	19.50
	-22.8	-23.0	80.8	25.09	79.3	23.76	77.7	22.42	77.0	21.85	75.4	21.28	73.9	20.13
	-24.8	-25.0	82.0	26.35	80.4	24.94	78.8	23.54	78.1	22.94	76.5	22.33	74.9	21.13
	-27.4	-28.0	83.2	27.90	81.6	26.41	80.1	24.93	79.3	24.29	77.7	23.65	76.1	22.36
	-29.9	-30.0	83.8	28.59	82.2	27.07	80.6	25.55	79.8	24.89	78.2	24.23	76.6	22.91
	15.0	13.7	75.9	27.08	74.4	25.65	73.0	24.21	72.2	23.58	70.8	22.95	69.4	21.69
	13.0	11.8	71.8	26.29	70.4	24.89	69.1	23.50	68.4	22.88	67.0	22.27	65.6	21.05
	11.0	9.8	64.6	24.83	63.4	23.51	62.1	22.20	61.5	21.62	60.3	21.03	59.1	19.87
	9.0	7.9	59.8	23.82	58.7	22.56	57.5	21.30	57.0	20.74	55.8	20.18	54.7	19.06
	8.3	6.1	52.6	22.23	51.6	21.05	50.6	19.88	50.1	19.35	49.1	18.83	48.1	17.77
	5.0	4.1	47.9	21.11	46.9	19.99	46.0	18.88	45.6	18.37	44.7	17.87	43.8	16.87
	2.5	1.7	43.9	20.12	43.0	19.06	42.2	18.00	41.8	17.52	40.9	17.04	40.1	16.08
	0.0	-0.7	37.2	18.37	36.5	17.40	35.8	16.43	35.5	15.99	34.7	15.55	34.0	14.66
70	-3.0	-3.7	69.8	17.86	68.5	16.90	67.1	15.94	66.5	15.55	65.1	15.15	63.8	14.36
	-5.0	-5.6	69.8	18.09	68.5	17.12	67.1	16.15	66.5	15.75	65.1	15.35	63.8	14.55
	-7.0	-7.6	69.8	18.35	68.5	17.36	67.1	16.38	66.5	15.97	65.1	15.56	63.8	14.75
	-10.0	-10.5	69.8	18.60	68.5	17.61	67.1	16.61	66.5	16.19	65.1	15.78	63.8	14.95
	-14.5	-15.0	69.8	18.86	68.5	17.85	67.1	16.84	66.5	16.42	65.1	16.00	63.8	15.16
	-19.5	-20.0	69.8	19.17	68.5	18.14	67.1	17.11	66.5	16.68	65.1	16.26	63.8	15.40
	-22.8	-23.0	69.8	19.56	68.5	18.51	67.1	17.46	66.5	17.03	65.1	16.59	63.8	15.71
	-24.8	-25.0	69.8	19.98	68.5	18.92	67.1	17.85	66.5	17.40	65.1	16.95	63.8	16.05
	-27.4	-28.0	69.8	20.57	68.5	19.47	67.1	18.37	66.5	17.91	65.1	17.44	63.8	16.51
	-29.9	-30.0	70.0	21.04	68.7	19.92	67.3	18.80	66.7	18.32	65.3	17.84	64.0	16.89
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.7	32.11	3.2	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	3.5	28.62	3.0	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	5.4	70.69	4.6	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	5.4	70.69	4.7	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	5.5	70.69	4.8	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	5.6	70.69	4.8	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	5.8	70.69	5.0	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	5.9	70.69	5.1	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	6.0	70.69	5.2	63.62

TC: Total Capacity (kW)

PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:

1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.

2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

MMY-UP360H1FT6PUL/MMY-UP360H1FT9PUL

Celsius

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	15.0	13.7	124.6	34.21	122.3	32.37	119.9	30.54	118.7	29.78	116.3	29.03	114.0	27.52
	13.0	11.8	124.6	34.65	122.3	32.79	119.9	30.93	118.7	30.16	116.3	29.40	114.0	27.86
	11.0	9.8	124.6	35.14	122.3	33.26	119.9	31.37	118.7	30.59	116.3	29.81	114.0	28.25
	9.0	7.9	124.6	35.63	122.3	33.72	119.9	31.81	118.7	31.02	116.3	30.23	114.0	28.64
	8.3	6.1	124.6	36.13	122.3	34.19	119.9	32.26	118.7	31.45	116.3	30.65	114.0	29.04
	5.0	4.1	124.6	36.71	122.3	34.75	119.9	32.78	118.7	31.96	116.3	31.14	114.0	29.50
	2.5	1.7	124.6	37.46	122.3	35.46	119.9	33.45	118.7	32.61	116.3	31.77	114.0	30.09
	0.0	-0.7	124.6	38.28	122.3	36.23	119.9	34.19	118.7	33.33	116.3	32.46	114.0	30.74
	-3.0	-3.7	124.6	39.40	122.3	37.30	119.9	35.19	118.7	34.30	116.3	33.41	114.0	31.63
	-5.0	-5.6	125.1	40.33	122.7	38.17	120.3	36.02	119.1	35.11	116.7	34.19	114.3	32.36
	-7.0	-7.6	126.5	41.70	124.1	39.48	121.7	37.25	120.5	36.30	118.1	35.35	115.6	33.46
	-10.0	-10.5	128.6	43.87	126.1	41.54	123.7	39.20	122.4	38.19	120.0	37.19	117.5	35.19
	-14.5	-15.0	130.9	46.57	128.4	44.09	125.9	41.61	124.6	40.54	122.1	39.47	119.6	37.33
	-19.5	-20.0	124.6	45.06	122.3	42.67	119.9	40.27	118.7	39.23	116.3	38.19	114.0	36.12
	-22.8	-23.0	109.1	41.19	107.0	39.00	104.9	36.81	103.9	35.86	101.8	34.90	99.7	32.99
	-24.8	-25.0	101.0	39.07	99.0	37.00	97.1	34.93	96.1	34.02	94.2	33.11	92.3	31.29
	-27.4	-28.0	89.8	36.47	88.1	34.54	86.4	32.61	85.5	31.75	83.8	30.90	82.1	29.19
	-29.9	-30.0	82.1	34.54	80.6	32.72	79.0	30.89	78.2	30.07	76.7	29.26	75.1	27.64
	15.0	13.7	70.6	31.48	69.3	29.81	67.9	28.15	67.3	27.40	65.9	26.66	64.6	25.17
	13.0	11.8	62.9	29.29	61.7	27.74	60.5	26.20	59.9	25.50	58.7	24.80	57.5	23.41
	11.0	9.8	56.5	27.36	55.5	25.91	54.4	24.47	53.8	23.82	52.8	23.16	51.7	21.85
	9.0	7.9	45.9	23.86	45.0	22.60	44.1	21.34	43.7	20.77	42.8	20.20	41.9	19.05
110	8.3	6.1	127.1	34.37	124.7	32.52	122.3	30.68	121.1	29.92	118.7	29.16	116.2	27.64
	5.0	4.1	127.1	34.81	124.7	32.94	122.3	31.08	121.1	30.31	118.7	29.53	116.2	27.99
	2.5	1.7	127.1	35.30	124.7	33.41	122.3	31.52	121.1	30.73	118.7	29.95	116.2	28.38
	0.0	-0.7	127.1	35.80	124.7	33.88	122.3	31.96	121.1	31.17	118.7	30.37	116.2	28.78
	-3.0	-3.7	127.1	36.30	124.7	34.35	122.3	32.41	121.1	31.60	118.7	30.79	116.2	29.17
	-5.0	-5.6	127.1	36.88	124.7	34.91	122.3	32.93	121.1	32.11	118.7	31.28	116.2	29.64
	-7.0	-7.6	127.1	37.64	124.7	35.62	122.3	33.61	121.1	32.77	118.7	31.92	116.2	30.23
	-10.0	-10.5	127.1	38.46	124.7	36.40	122.3	34.35	121.1	33.48	118.7	32.61	116.2	30.88
	-14.5	-15.0	127.1	39.59	124.7	37.47	122.3	35.36	121.1	34.46	118.7	33.57	116.2	31.78
	-19.5	-20.0	127.6	40.51	125.1	38.35	122.7	36.19	121.5	35.27	119.1	34.35	116.6	32.51
	-22.8	-23.0	129.0	41.89	126.6	39.66	124.1	37.42	122.9	36.47	120.4	35.52	118.0	33.61
	-24.8	-25.0	131.1	44.08	128.6	41.73	126.1	39.38	124.9	38.37	122.4	37.36	119.9	35.35
	-27.4	-28.0	133.5	46.79	130.9	44.30	128.4	41.81	127.1	40.73	124.6	39.65	122.0	37.50
	-29.9	-30.0	127.1	45.27	124.7	42.87	122.3	40.46	121.1	39.41	118.7	38.37	116.2	36.28
	15.0	13.7	111.2	41.38	109.1	39.18	107.0	36.99	105.9	36.03	103.8	35.07	101.7	33.15
	13.0	11.8	103.0	39.25	101.0	37.17	99.0	35.09	98.1	34.17	96.1	33.26	94.1	31.43
	11.0	9.8	91.6	36.64	89.9	34.70	88.1	32.76	87.2	31.90	85.5	31.04	83.8	29.32
	9.0	7.9	83.8	34.70	82.2	32.87	80.6	31.03	79.8	30.21	78.2	29.40	76.6	27.76
	8.3	6.1	72.0	31.62	70.7	29.95	69.3	28.28	68.6	27.53	67.2	26.78	65.9	25.28
	5.0	4.1	64.2	29.42	63.0	27.87	61.8	26.32	61.1	25.62	59.9	24.92	58.7	23.52
	2.5	1.7	57.7	27.48	56.6	26.03	55.5	24.58	54.9	23.93	53.8	23.27	52.7	21.96
	0.0	-0.7	46.8	23.97	45.9	22.71	45.0	21.44	44.6	20.87	43.7	20.29	42.8	19.13
120	-3.0	-3.7	130.9	34.86	128.4	32.98	125.9	31.11	124.6	30.34	122.1	29.57	119.6	28.04
	-5.0	-5.6	130.9	35.30	128.4	33.41	125.9	31.52	124.6	30.73	122.1	29.95	119.6	28.39
	-7.0	-7.6	130.9	35.80	128.4	33.88	125.9	31.96	124.6	31.17	122.1	30.37	119.6	28.79
	-10.0	-10.5	130.9	36.31	128.4	34.36	125.9	32.41	124.6	31.61	122.1	30.80	119.6	29.18
	-14.5	-15.0	130.9	36.81	128.4	34.84	125.9	32.87	124.6	32.04	122.1	31.22	119.6	29.58
	-19.5	-20.0	130.9	37.41	128.4	35.40	125.9	33.40	124.6	32.56	122.1	31.73	119.6	30.05
	-22.8	-23.0	130.9	38.17	128.4	36.13	125.9	34.09	124.6	33.23	122.1	32.37	119.6	30.66
	-24.8	-25.0	130.9	39.00	128.4	36.92	125.9	34.83	124.6	33.95	122.1	33.08	119.6	31.32
	-27.4	-28.0	130.9	40.15	128.4	38.00	125.9	35.86	124.6	34.95	122.1	34.04	119.6	32.23
	-29.9	-30.0	131.3	41.09	128.8	38.89	126.3	36.70	125.1	35.77	122.6	34.84	120.1	32.97
	15.0	13.7	132.8	42.49	130.3	40.22	127.8	37.95	126.5	36.99	124.0	36.02	121.4	34.09
	13.0	11.8	135.0	44.70	132.4	42.32	129.8	39.94	128.6	38.92	126.0	37.89	123.4	35.85
	11.0	9.8	137.4	47.45	134.8	44.92	132.2	42.40	130.9	41.31	128.2	40.22	125.6	38.03
	9.0	7.9	130.9	45.91	128.4	43.47	125.9	41.03	124.6	39.97	122.1	38.91	119.6	36.80
	8.3	6.1	114.5	41.97	112.3	39.74	110.1	37.51	109.1	36.54	106.9	35.56	104.7	33.62
	5.0	4.1	106.0	39.81	104.0	37.70	102.0	35.58	101.0	34.66	98.9	33.73	96.9	31.88
	2.5	1.7	94.3	37.16	92.5	35.19	90.7	33.22	89.8	32.35	88.0	31.48	86.2	29.74
	0.0	-0.7	86.2	35.20	84.6	33.33	83.0	31.47	82.1	30.64	80.5	29.81	78.8	28.16
	-3.0	-3.7	74.1	32.07	72.7	30.38	71.3	28.68	70.6	27.92	69.2	27.16	67.8	25.64
	-5.0	-5.6	66.1	29.84	64.8	28.27	63.6	26.69	62.9	25.98	61.7	25.27	60.4	23.85
	-7.0	-7.6	59.4	27.87	58.2	26.40	57.1	24.93	56.5	24.27	55.4	23.60	54.3	22.27
	-10.0	-10.5	48.2	24.31	47.3	23.03	46.3	21.75	45.9	21.16	45.0	20.58	44.0	19.41
130	-14.5	-15.0	134.0	35.17	131.4	33.28	128.9	31.39	127.6	30.61	125.0	29.84	122.5	28.28
	-19.5	-20.0	134.0	35.62	131.4	33.71	128.9	31.79	127.6	31.01	125.0	30.22	122.5	28.64
	-22.8	-23.0	134.0	36.12	131.4	34.18	128.9	32.25	127.6	31.44	125.0	30.64	122.5	29.04
	-24.8	-25.0	134.0	36.63	131.4	34.66	128.9	32.70	127.6	31.89	125.0	31.07	122.5	29.44
	-27.4	-28.0	134.0	37.14	131.4	35.15	128.9	33.16	127.6	32.33	125.0	31.50	122.5	29.85
	-29.9	-30.0	134.0	37.74	131.4	35.72	128.9	33.69	127.6	32.85	125.0	32.01	122.5	30.32

Conbination	Outdoor air temp.		Indoor air temp.(°CDB)											
			16.1℃		18.3℃		20.0℃		21.1℃		22.2℃		23.9℃	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	15.0	13.7	112.2	30.46	110.0	28.82	107.9	27.19	106.8	26.52	104.7	25.84	102.6	24.50
	13.0	11.8	112.2	30.85	110.0	29.20	107.9	27.54	106.8	26.86	104.7	26.17	102.6	24.81
	11.0	9.8	112.2	31.29	110.0	29.61	107.9	27.93	106.8	27.24	104.7	26.54	102.6	25.15
	9.0	7.9	112.2	31.73	110.0	30.03	107.9	28.32	106.8	27.62	104.7	26.91	102.6	25.50
	8.3	6.1	112.2	32.17	110.0	30.44	107.9	28.72	106.8	28.00	104.7	27.29	102.6	25.85
	5.0	4.1	112.2	32.69	110.0	30.94	107.9	29.19	106.8	28.45	104.7	27.72	102.6	26.26
	2.5	1.7	112.2	33.36	110.0	31.57	107.9	29.79	106.8	29.04	104.7	28.29	102.6	26.79
	0.0	-0.7	112.2	34.08	110.0	32.26	107.9	30.44	106.8	29.67	104.7	28.90	102.6	27.37
	-3.0	-3.7	112.2	35.08	110.0	33.21	107.9	31.33	106.8	30.54	104.7	29.75	102.6	28.16
	-5.0	-5.6	112.6	35.90	110.4	33.99	108.3	32.07	107.2	31.26	105.1	30.44	102.9	28.81
	-7.0	-7.6	113.8	37.13	111.7	35.15	109.5	33.17	108.4	32.32	106.3	31.48	104.1	29.79
	-10.0	-10.5	115.7	39.06	113.5	36.98	111.3	34.90	110.2	34.01	108.0	33.11	105.8	31.33
	-14.5	-15.0	117.8	41.46	115.5	39.26	113.3	37.05	112.2	36.10	109.9	35.14	107.7	33.24
	-19.5	-20.0	112.2	40.12	110.0	37.99	107.9	35.85	106.8	34.93	104.7	34.00	102.6	32.16
	-22.8	-23.0	98.1	36.67	96.3	34.73	94.4	32.78	93.5	31.93	91.6	31.08	89.7	29.37
	-24.8	-25.0	90.9	34.79	89.1	32.94	87.4	31.10	86.5	30.29	84.8	29.48	83.1	27.86
	-27.4	-28.0	80.8	32.47	79.3	30.75	77.8	29.03	77.0	28.27	75.4	27.51	73.9	25.99
	-29.9	-30.0	73.9	30.76	72.5	29.13	71.1	27.50	70.4	26.78	69.0	26.05	67.6	24.60
	15.0	13.7	63.6	28.03	62.3	26.54	61.1	25.06	60.5	24.40	59.3	23.74	58.1	22.41
	13.0	11.8	56.6	26.08	55.6	24.70	54.5	23.32	53.9	22.70	52.9	22.08	51.8	20.84
	11.0	9.8	50.9	24.36	49.9	23.07	48.9	21.79	48.5	21.20	47.5	20.62	46.5	19.46
	9.0	7.9	41.3	21.24	40.5	20.12	39.7	19.00	39.3	18.49	38.5	17.98	37.8	16.96
80	8.3	6.1	99.7	26.79	97.8	25.35	95.9	23.91	95.0	23.32	93.1	22.73	91.2	21.55
	5.0	4.1	99.7	27.13	97.8	25.68	95.9	24.22	95.0	23.62	93.1	23.02	91.2	21.82
	2.5	1.7	99.7	27.52	97.8	26.04	95.9	24.56	95.0	23.95	93.1	23.34	91.2	22.12
	0.0	-0.7	99.7	27.90	97.8	26.41	95.9	24.91	95.0	24.29	93.1	23.67	91.2	22.43
	-3.0	-3.7	99.7	28.29	97.8	26.77	95.9	25.26	95.0	24.63	93.1	24.00	91.2	22.74
	-5.0	-5.6	99.7	28.75	97.8	27.21	95.9	25.67	95.0	25.02	93.1	24.38	91.2	23.10
	-7.0	-7.6	99.7	29.34	97.8	27.77	95.9	26.20	95.0	25.54	93.1	24.88	91.2	23.56
	-10.0	-10.5	99.7	29.97	97.8	28.37	95.9	26.77	95.0	26.09	93.1	25.42	91.2	24.07
	-14.5	-15.0	99.7	30.85	97.8	29.21	95.9	27.56	95.0	26.86	93.1	26.16	91.2	24.77
	-19.5	-20.0	100.0	31.58	98.1	29.89	96.2	28.20	95.3	27.49	93.4	26.77	91.5	25.34
	-22.8	-23.0	101.2	32.65	99.3	30.91	97.3	29.17	96.4	28.43	94.4	27.68	92.5	26.20
	-24.8	-25.0	102.9	34.35	100.9	32.52	98.9	30.69	98.0	29.91	96.0	29.12	94.0	27.55
	-27.4	-28.0	104.7	36.46	102.7	34.52	100.7	32.58	99.7	31.74	97.7	30.91	95.7	29.23
	-29.9	-30.0	99.7	35.29	97.8	33.41	95.9	31.53	95.0	30.72	93.1	29.91	91.2	28.28
	15.0	13.7	87.2	32.25	85.6	30.54	83.9	28.83	83.1	28.08	81.4	27.33	79.8	25.83
	13.0	11.8	80.8	30.59	79.2	28.97	77.7	27.35	76.9	26.63	75.4	25.92	73.8	24.50
	11.0	9.8	71.8	28.56	70.5	27.04	69.1	25.53	68.4	24.86	67.1	24.19	65.7	22.86
	9.0	7.9	65.7	27.05	64.5	25.62	63.2	24.18	62.6	23.55	61.3	22.91	60.1	21.64
	8.3	6.1	56.5	24.65	55.4	23.34	54.3	22.04	53.8	21.46	52.7	20.87	51.7	19.71
	5.0	4.1	50.4	22.93	49.4	21.72	48.4	20.51	48.0	19.97	47.0	19.42	46.0	18.33
	2.5	1.7	45.2	21.42	44.4	20.29	43.5	19.16	43.1	18.65	42.2	18.14	41.4	17.11
	0.0	-0.7	36.7	18.68	36.0	17.70	35.3	16.71	35.0	16.26	34.3	15.81	33.6	14.91
70	-3.0	-3.7	87.2	23.19	85.6	21.95	83.9	20.70	83.1	20.19	81.4	19.68	79.8	18.65
	-5.0	-5.6	87.2	23.49	85.6	22.23	83.9	20.97	83.1	20.45	81.4	19.93	79.8	18.89
	-7.0	-7.6	87.2	23.82	85.6	22.55	83.9	21.27	83.1	20.74	81.4	20.21	79.8	19.15
	-10.0	-10.5	87.2	24.16	85.6	22.86	83.9	21.57	83.1	21.03	81.4	20.49	79.8	19.42
	-14.5	-15.0	87.2	24.49	85.6	23.18	83.9	21.87	83.1	21.32	81.4	20.78	79.8	19.68
	-19.5	-20.0	87.2	24.89	85.6	23.56	83.9	22.22	83.1	21.67	81.4	21.11	79.8	20.00
	-22.8	-23.0	87.2	25.40	85.6	24.04	83.9	22.68	83.1	22.11	81.4	21.54	79.8	20.40
	-24.8	-25.0	87.2	25.95	85.6	24.56	83.9	23.18	83.1	22.59	81.4	22.01	79.8	20.84
	-27.4	-28.0	87.2	26.71	85.6	25.29	83.9	23.86	83.1	23.26	81.4	22.65	79.8	21.44
	-29.9	-30.0	87.5	27.34	85.9	25.88	84.2	24.42	83.4	23.80	81.7	23.18	80.0	21.94
	19.4	18.3	0.0	0.00	0.0	-27.40	-17.3	-28.00	-18.4	35.68	3.8	32.11	3.3	28.90
	14.0	13.1	0.0	0.00	0.0	-29.90	-21.8	-30.00	-22.0	31.80	3.6	28.62	3.1	25.76
	8.2	7.3	0.0	0.00	1.1	15.00	59.0	13.70	56.7	78.54	5.6	70.69	4.8	63.62
	5.9	5.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	0.0	-0.9	0.0	0.00	0.0	13.00	55.4	11.80	53.2	78.54	5.6	70.69	4.9	63.62
	-3.1	-4.0	0.0	0.00	0.0	11.00	51.8	9.80	49.6	78.54	5.7	70.69	4.9	63.62
	-9.0	-9.4	0.0	0.00	0.0	9.00	48.2	7.90	46.2	78.54	5.8	70.69	5.0	63.62
	-12.6	-13.0	0.0	0.00	0.0	8.30	46.9	6.10	43.0	78.54	5.0	70.69	4.3	63.62
	-17.3	-18.4	0.0	0.00	0.0	5.00	41.0	4.10	39.4	78.54	6.0	70.69	5.2	63.62
	-21.8	-22.0	0.0	0.00	0.0	3.00	37.4	1.70	35.1	78.54	6.1	70.69	5.3	63.62
	-24.6	-25.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
	-29.8	-30.0	0.0	0.00	0.0	0.00	32.0	-0.70	30.7	78.54	6.2	70.69	5.4	63.62

TC: Total Capacity (kW)
PI: Power input(kW) (Compressor + Outdoor fan motor)

Note:
1.For temperature -14.5°CDB)/-15.0°C(WB)~-34.3°C(DB)/-34.4°C(WB), the data is shown as reference.
2.Actual results may vary according to the condition of use such as piping losses, indoor unit power consumption,etc.

SHRM-u Engineering Data Book Outdoor units Capacity table

Model name:

MMY-MUP___1FT6P-UL (460V,60Hz)
MMY-MUP___1FT9P-UL (208-230V,60Hz)
MMY-MUP___H1FT6PUL(460V, 60Hz)
MMY-MUP___H1FT9PUL(208-230V, 60Hz)

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