

Cooling Capacities

38HDF018 with 40KMC018

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		330 / 0.04				400 / 0.04				450 / 0.04			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	16.1	17.3	18.2	19.4	17.0	17.9	19.3	20.3	17.6	18.5	19.7	20.8
	SHG	14.5	12.9	11.0	9.5	15.4	13.7	11.8	10.1	15.7	14.3	12.5	10.5
	TC	15.8	17.0	17.9	19.1	16.7	17.6	19.0	20.0	17.2	18.1	19.3	20.4
	KW	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.00	1.00	1.01	1.00	1.00
	CMP	0.79	0.79	0.79	0.79	0.77	0.77	0.78	0.76	0.75	0.75	0.74	0.75
	LDB	40.4	45.3	50.9	55.3	45.4	49.8	54.4	58.6	48.9	52.1	56.0	60.3
65	LWB	36.6	42.2	48.5	54.4	39.7	45.7	51.2	57.3	41.4	47.3	53.0	58.9
	TCG	15.6	17.0	18.0	19.4	16.8	17.8	19.1	20.3	16.8	18.1	19.6	20.8
	SHG	14.3	12.9	10.9	9.4	15.7	13.9	11.8	10.0	16.8	14.3	12.4	10.4
	TC	15.3	16.7	17.8	19.1	16.4	17.4	18.7	19.9	16.4	17.7	19.2	20.4
	KW	1.11	1.12	1.13	1.12	1.12	1.12	1.13	1.12	1.12	1.13	1.13	1.12
	CMP	0.90	0.91	0.92	0.91	0.89	0.89	0.89	0.89	0.86	0.87	0.87	0.87
75	LDB	40.9	45.2	51.2	55.7	44.9	49.3	54.3	58.8	46.6	52.0	56.2	60.5
	LWB	37.4	42.7	48.7	54.5	40.0	45.8	51.5	57.4	42.2	47.6	53.1	58.9
	TCG	15.1	16.5	17.6	19.1	15.8	17.3	18.6	20.0	16.5	17.8	19.1	20.5
	SHG	14.0	12.8	10.8	9.2	15.8	13.9	11.8	9.9	16.5	14.6	12.3	10.3
	TC	14.8	16.2	17.4	18.9	15.4	17.0	18.3	19.6	16.1	17.4	18.7	20.0
	KW	1.24	1.25	1.26	1.26	1.25	1.26	1.26	1.26	1.25	1.26	1.26	1.25
85	CMP	1.03	1.04	1.05	1.05	1.01	1.02	1.02	1.02	1.00	1.00	1.00	1.00
	LDB	41.8	45.5	51.4	56.1	44.6	49.3	54.4	58.9	47.3	51.3	56.3	60.6
	LWB	38.2	43.4	49.2	54.8	41.2	46.3	51.9	57.6	42.6	47.9	53.5	59.1
	TCG	14.1	15.7	17.2	18.6	15.3	16.6	18.0	19.4	16.0	17.1	18.5	19.9
	SHG	14.0	12.5	10.8	9.0	15.3	13.8	11.6	9.7	16.0	14.5	12.2	10.1
	TC	13.9	15.5	16.9	18.3	14.9	16.3	17.6	19.1	15.6	16.7	18.0	19.5
95	KW	1.38	1.40	1.40	1.41	1.39	1.40	1.40	1.40	1.40	1.40	1.40	1.41
	CMP	1.17	1.19	1.19	1.20	1.15	1.17	1.17	1.17	1.14	1.15	1.15	1.15
	LDB	41.7	46.3	51.5	56.6	45.8	49.5	54.8	59.4	48.3	51.5	56.5	61.0
	LWB	39.6	44.3	49.7	55.4	41.8	47.0	52.5	58.1	43.1	48.5	54.0	59.6
	TCG	13.4	14.8	16.4	17.9	14.6	15.7	17.1	18.7	15.3	16.3	17.4	19.1
	SHG	13.4	12.1	10.5	8.8	14.6	13.4	11.3	9.5	15.3	14.2	11.8	9.8
105	TC	13.1	14.6	16.1	17.6	14.2	15.4	16.8	18.3	14.9	15.9	17.0	18.7
	KW	1.53	1.55	1.56	1.57	1.54	1.56	1.57	1.57	1.55	1.56	1.56	1.57
	CMP	1.32	1.34	1.35	1.36	1.31	1.32	1.33	1.33	1.30	1.31	1.31	1.31
	LDB	43.5	47.4	52.1	57.2	47.3	50.3	55.4	59.9	49.7	52.0	57.0	61.6
	LWB	40.6	45.5	50.6	56.1	42.6	48.0	53.3	58.7	43.7	49.3	54.7	60.1
	TCG	12.6	13.8	15.5	16.9	13.8	14.7	16.2	17.7	14.5	15.5	16.7	18.1
115	SHG	12.6	11.6	10.1	8.4	13.8	12.9	11.0	9.1	14.5	13.2	11.7	9.5
	TC	12.4	13.5	15.2	16.7	13.5	14.3	15.9	17.4	14.1	15.1	16.3	17.7
	KW	1.69	1.71	1.74	1.74	1.71	1.72	1.74	1.74	1.72	1.73	1.74	1.74
	CMP	1.48	1.50	1.53	1.53	1.47	1.49	1.51	1.51	1.46	1.48	1.49	1.49
	LDB	45.6	48.8	53.1	58.2	49.1	51.5	56.0	60.8	51.3	54.1	57.5	62.3
	LWB	41.7	46.9	51.7	57.1	43.5	49.1	54.2	59.5	44.5	50.0	55.4	60.8
125	TCG	11.8	12.6	14.3	15.9	12.9	13.7	15.1	16.7	13.6	14.2	15.5	17.1
	SHG	11.8	11.0	9.6	8.0	12.9	11.9	10.7	8.7	13.6	12.8	11.3	9.1
	TC	11.5	12.4	14.1	15.6	12.6	13.4	14.8	16.3	13.2	13.7	15.1	16.7
	KW	1.87	1.88	1.91	1.93	1.88	1.89	1.93	1.93	1.90	1.91	1.93	1.93
	CMP	1.66	1.67	1.70	1.72	1.65	1.66	1.69	1.70	1.64	1.65	1.67	1.68
	LDB	48.0	50.4	54.5	59.3	51.2	53.7	56.8	61.6	53.1	55.0	58.3	62.9
135	LWB	42.9	48.4	53.1	58.2	44.5	50.1	55.2	60.4	45.4	51.2	56.4	61.6
	TCG	10.9	11.6	13.0	14.7	11.9	12.0	13.7	15.3	12.6	12.6	14.2	15.7
	SHG	10.9	10.1	9.1	7.6	11.9	11.8	10.1	8.2	12.6	12.6	10.8	8.6
	TC	10.6	11.4	12.8	14.5	11.6	11.7	13.4	15.0	12.2	12.2	13.7	15.3
	KW	2.06	2.06	2.10	2.13	2.07	2.07	2.12	2.13	2.09	2.09	2.13	2.13
	CMP	1.85	1.85	1.89	1.92	1.84	1.84	1.88	1.90	1.83	1.83	1.87	1.88
145	LDB	50.5	52.9	55.9	60.4	53.5	54.0	58.0	62.7	55.2	55.3	59.2	63.9
	LWB	44.1	49.6	54.5	59.4	45.6	51.7	56.4	61.4	46.4	52.3	57.4	62.5

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38HDF024 with 40KMC024

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		445 / 0.05				530 / 0.05				680 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	21.7	23.5	25.0	27.3	22.9	24.5	26.7	28.2	24.7	26.6	28.4	29.2
	SHG	20.1	17.8	15.5	13.7	21.3	18.8	16.7	14.4	23.9	21.5	18.4	15.2
	TC	21.5	23.2	24.8	27.1	22.6	24.1	26.4	27.9	24.3	26.2	28.0	28.8
	KW	1.22	1.23	1.23	1.24	1.23	1.23	1.23	1.21	1.22	1.24	1.24	1.21
	CMP	1.01	1.02	1.02	1.03	1.00	1.00	1.00	0.98	0.96	0.98	0.98	0.95
	LDB	39.2	44.2	49.3	53.5	43.7	48.4	52.2	56.6	48.3	51.8	56.4	60.8
65	LWB	36.5	42.0	47.9	53.4	39.3	45.0	50.3	56.3	42.6	48.0	53.6	59.9
	TCG	20.9	22.8	24.7	26.4	22.3	24.1	25.8	28.2	23.7	25.4	27.8	29.2
	SHG	19.6	17.6	15.5	13.0	21.1	19.2	16.2	14.3	23.7	21.0	18.1	14.7
	TC	20.6	22.6	24.5	26.1	22.0	23.8	25.4	27.9	23.3	25.0	27.4	28.7
	KW	1.36	1.38	1.40	1.41	1.38	1.39	1.40	1.40	1.39	1.40	1.41	1.41
	CMP	1.15	1.17	1.19	1.20	1.15	1.16	1.17	1.17	1.13	1.14	1.15	1.15
75	LDB	40.2	44.6	49.4	54.7	44.1	47.7	53.1	56.8	48.6	52.6	56.6	61.5
	LWB	37.4	42.6	48.2	54.2	39.8	45.2	51.0	56.3	43.2	48.7	54.0	59.9
	TCG	20.1	22.0	24.1	25.9	21.7	23.3	25.1	27.5	23.0	24.7	26.8	28.6
	SHG	19.1	17.4	15.3	12.9	20.5	19.0	16.1	13.7	23.0	21.1	17.9	14.7
	TC	19.9	21.8	23.8	25.6	21.4	23.0	24.8	27.2	22.6	24.3	26.4	28.2
	KW	1.53	1.55	1.57	1.58	1.54	1.56	1.57	1.58	1.56	1.57	1.58	1.58
85	CMP	1.32	1.34	1.36	1.37	1.31	1.33	1.34	1.35	1.30	1.31	1.32	1.32
	LDB	41.2	45.1	49.8	55.0	45.1	48.1	53.4	57.7	49.5	52.4	57.0	61.6
	LWB	38.3	43.4	48.8	54.6	40.4	45.9	51.5	56.8	43.7	49.1	54.5	60.2
	TCG	19.4	21.2	23.2	25.0	20.5	22.3	24.2	26.7	22.4	23.8	25.8	27.8
	SHG	18.6	17.0	14.9	12.5	20.5	18.6	15.8	13.4	22.4	20.9	17.6	14.5
	TC	19.1	20.9	23.0	24.8	20.1	22.0	23.9	26.4	21.9	23.3	25.4	27.3
95	KW	1.71	1.73	1.76	1.76	1.72	1.75	1.76	1.77	1.75	1.76	1.77	1.78
	CMP	1.50	1.52	1.55	1.55	1.49	1.52	1.53	1.54	1.49	1.50	1.51	1.52
	LDB	42.3	45.9	50.6	55.7	45.2	48.7	53.7	58.2	50.4	52.6	57.3	61.8
	LWB	39.1	44.3	49.6	55.3	41.5	46.7	52.2	57.4	44.1	49.7	55.0	60.6
	TCG	18.3	20.2	22.2	24.1	19.7	21.3	23.1	25.6	21.5	22.7	24.0	26.6
	SHG	18.3	16.5	14.4	12.1	19.7	18.2	15.4	13.0	21.5	20.7	16.7	14.1
105	TC	18.0	19.9	22.0	23.8	19.4	21.0	22.8	25.3	21.1	22.3	23.6	26.1
	KW	1.90	1.93	1.96	1.97	1.92	1.94	1.97	1.97	1.95	1.96	2.05	2.06
	CMP	1.69	1.72	1.75	1.76	1.69	1.71	1.74	1.74	1.69	1.70	1.79	1.80
	LDB	42.8	46.8	51.5	56.5	46.5	49.3	54.6	58.9	51.6	52.9	58.0	62.3
	LWB	40.3	45.3	50.4	56.0	42.2	47.5	52.9	58.1	44.7	50.3	55.7	61.1
	TCG	17.5	19.1	21.1	23.0	18.8	20.1	22.0	24.3	20.6	21.4	23.2	25.3
115	SHG	17.5	16.0	13.9	11.7	18.8	17.7	15.0	12.5	20.6	20.0	16.5	13.6
	TC	17.2	18.9	20.9	22.8	18.5	19.8	21.7	24.0	20.2	21.0	22.8	24.8
	KW	2.11	2.14	2.18	2.19	2.13	2.15	2.19	2.19	2.16	2.18	2.19	2.20
	CMP	1.90	1.93	1.97	1.98	1.90	1.92	1.96	1.96	1.90	1.92	1.93	1.94
	LDB	44.5	47.8	52.5	57.4	48.1	50.2	55.2	59.8	52.8	53.8	58.8	62.9
	LWB	41.1	46.3	51.4	56.9	42.9	48.5	53.7	58.9	45.3	51.0	56.4	61.7
125	TCG	16.6	17.8	19.9	21.8	17.8	18.7	20.7	22.9	19.5	20.3	21.7	23.8
	SHG	16.6	15.5	13.3	11.1	17.8	17.1	14.5	11.9	19.5	19.0	16.1	12.9
	TC	16.3	17.6	19.6	21.5	17.5	18.4	20.4	22.5	19.1	19.8	21.2	23.3
	KW	2.33	2.36	2.41	2.42	2.36	2.38	2.42	2.43	2.40	2.41	2.42	2.43
	CMP	2.12	2.15	2.20	2.21	2.13	2.15	2.19	2.20	2.14	2.15	2.16	2.17
	LDB	46.4	49.0	53.6	58.5	49.8	51.1	56.0	60.7	54.2	55.2	59.3	63.8
135	LWB	42.1	47.6	52.5	57.9	43.8	49.5	54.6	59.8	46.0	51.7	57.2	62.4
	TCG	15.5	16.3	18.4	20.3	16.7	17.2	19.2	21.2	18.3	18.3	20.1	22.1
	SHG	15.5	14.9	12.7	10.5	16.7	16.4	13.9	11.3	18.3	18.3	15.5	12.2
	TC	15.2	16.1	18.1	20.0	16.4	16.9	18.9	20.9	17.9	17.9	19.6	21.6
	KW	2.57	2.60	2.65	2.67	2.60	2.61	2.66	2.67	2.64	2.64	2.67	2.67
	CMP	2.36	2.39	2.44	2.46	2.37	2.38	2.43	2.44	2.38	2.38	2.41	2.41
145	LDB	48.6	50.1	54.9	59.6	51.6	52.4	57.0	61.8	55.9	56.0	60.0	64.7
	LWB	43.2	48.9	53.8	59.0	44.7	50.6	55.6	60.8	46.7	52.4	58.0	63.2

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38HDF030 with 40KMC03036

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		635 / 0.05				720 / 0.05				875 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	27.3	29.8	32.6	35.0	28.8	30.9	33.8	36.0	30.6	32.6	35.4	37.0
	SHG	25.9	23.7	20.7	17.4	27.8	25.3	21.9	18.1	30.6	27.9	24.3	19.0
	TC	26.8	29.4	32.1	34.5	28.1	30.3	33.2	35.4	29.8	31.8	34.7	36.2
	KW	1.56	1.57	1.58	1.59	1.57	1.57	1.59	1.59	1.57	1.59	1.58	1.61
	CMP	1.28	1.29	1.30	1.31	1.25	1.26	1.27	1.28	1.21	1.23	1.22	1.25
	LDB	43.3	46.8	51.5	56.6	45.4	48.9	53.5	58.6	48.7	51.8	55.8	61.6
65	LWB	39.4	44.7	50.0	55.8	41.0	46.4	51.8	57.6	43.3	48.9	54.2	60.2
	TCG	26.3	28.8	31.7	34.6	27.4	29.9	32.8	35.6	29.7	31.4	34.0	36.8
	SHG	25.4	23.3	20.3	17.2	27.4	24.9	21.6	18.1	29.7	28.2	23.0	19.2
	TC	25.8	28.3	31.2	34.1	26.8	29.3	32.2	35.0	29.0	30.7	33.2	36.1
	KW	1.73	1.75	1.77	1.78	1.74	1.76	1.76	1.78	1.76	1.75	1.78	1.78
	CMP	1.45	1.47	1.49	1.50	1.42	1.44	1.45	1.46	1.40	1.40	1.43	1.43
75	LDB	44.1	47.4	52.0	56.8	45.9	49.3	53.8	58.6	49.7	51.5	57.1	61.4
	LWB	40.3	45.4	50.5	56.0	41.8	47.1	52.3	57.7	43.7	49.4	54.8	60.2
	TCG	25.5	27.6	30.5	33.4	26.6	28.6	31.6	34.5	28.8	30.0	32.7	35.7
	SHG	24.5	22.8	20.0	16.8	26.6	24.4	21.1	17.7	28.8	26.5	22.6	18.9
	TC	25.0	27.1	30.0	32.9	26.0	28.0	31.0	33.9	28.0	29.2	32.0	35.0
	KW	1.92	1.94	1.96	1.98	1.93	1.95	1.97	1.98	1.96	1.97	1.98	1.99
85	CMP	1.64	1.66	1.68	1.70	1.62	1.64	1.65	1.66	1.60	1.61	1.63	1.63
	LDB	45.4	48.1	52.4	57.4	47.0	49.9	54.5	59.2	50.7	53.2	57.6	61.8
	LWB	40.8	46.2	51.3	56.6	42.4	47.8	52.9	58.3	44.2	50.1	55.3	60.6
	TCG	24.2	26.4	29.2	32.0	25.6	27.3	30.3	33.1	27.7	28.8	31.5	34.3
	SHG	24.2	22.2	19.5	16.0	25.6	24.0	20.5	17.1	27.7	26.3	22.4	18.4
	TC	23.7	25.9	28.7	31.5	25.0	26.7	29.6	32.5	27.0	28.0	30.8	33.6
95	KW	2.13	2.15	2.18	2.20	2.15	2.17	2.19	2.20	2.17	2.18	2.19	2.21
	CMP	1.85	1.87	1.90	1.92	1.83	1.85	1.87	1.88	1.82	1.83	1.84	1.85
	LDB	45.8	49.0	53.2	58.5	48.2	50.5	55.2	59.8	51.8	53.4	57.7	62.2
	LWB	41.8	47.0	52.1	57.4	43.0	48.5	53.6	58.9	44.8	50.6	55.8	61.1
	TCG	23.2	24.9	27.7	30.7	24.5	25.9	28.7	31.6	26.6	27.2	29.8	32.8
	SHG	23.2	21.7	18.6	15.7	24.5	23.3	19.9	16.6	26.6	25.6	21.7	17.8
105	TC	22.7	24.4	27.2	30.2	23.9	25.3	28.1	31.0	25.8	26.5	29.0	32.0
	KW	2.36	2.38	2.43	2.43	2.38	2.40	2.42	2.44	2.41	2.42	2.52	2.54
	CMP	2.08	2.10	2.15	2.15	2.06	2.08	2.11	2.12	2.05	2.07	2.17	2.19
	LDB	47.2	49.6	54.3	59.0	49.6	51.4	55.9	60.5	53.0	54.1	58.3	62.8
	LWB	42.5	48.0	53.0	58.1	43.7	49.4	54.4	59.6	45.3	51.3	56.4	61.7
	TCG	22.0	23.4	26.2	29.1	23.3	24.3	27.1	29.8	25.3	25.9	28.3	31.0
115	SHG	22.0	21.0	18.1	15.1	23.3	22.4	19.6	15.6	25.3	24.5	21.2	17.1
	TC	21.6	22.9	25.7	28.6	22.7	23.7	26.5	29.2	24.5	25.1	27.6	30.2
	KW	2.60	2.62	2.68	2.69	2.62	2.64	2.68	2.69	2.66	2.67	2.68	2.70
	CMP	2.32	2.34	2.40	2.41	2.31	2.32	2.37	2.38	2.31	2.32	2.33	2.35
	LDB	48.9	50.6	55.1	59.7	51.1	52.4	56.3	61.6	54.3	55.3	58.9	63.6
	LWB	43.4	49.0	53.9	58.9	44.4	50.2	55.2	60.4	46.0	51.9	57.1	62.3
125	TCG	20.8	21.7	24.4	27.3	22.0	22.5	25.2	28.0	23.8	24.1	26.3	29.0
	SHG	20.8	20.1	17.4	14.5	22.0	21.5	18.8	15.0	23.8	23.5	20.4	16.5
	TC	20.3	21.2	23.9	26.9	21.4	21.9	24.6	27.4	23.1	23.3	25.5	28.3
	KW	2.87	2.88	2.94	2.96	2.89	2.90	2.96	2.96	2.93	2.94	2.96	2.97
	CMP	2.59	2.60	2.66	2.68	2.58	2.58	2.64	2.65	2.58	2.58	2.60	2.62
	LDB	50.7	51.9	56.0	60.6	52.8	53.5	57.3	62.4	55.8	56.4	59.7	64.1
125	LWB	44.2	50.1	54.9	59.9	45.2	51.2	56.1	61.2	46.7	52.7	57.9	63.0
	TCG	19.4	19.8	22.4	25.3	20.6	20.8	23.2	26.0	22.3	22.3	24.2	26.8
	SHG	19.4	19.1	16.7	13.7	20.6	20.2	17.8	14.4	22.3	22.3	19.7	15.7
	TC	18.9	19.4	21.9	24.8	19.9	20.1	22.6	25.4	21.5	21.5	23.5	26.1
	KW	3.15	3.15	3.23	3.24	3.18	3.18	3.24	3.25	3.22	3.22	3.24	3.26
	CMP	2.87	2.87	2.95	2.96	2.86	2.86	2.92	2.93	2.87	2.87	2.88	2.90
125	LDB	52.7	53.3	57.1	61.7	54.6	55.2	58.5	63.1	57.4	57.6	60.5	64.9
	LWB	45.2	51.2	56.0	60.9	46.1	52.2	57.1	62.1	47.5	53.4	58.7	63.8

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38HDF036 with 40KMC03036

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		635 / 0.05				720 / 0.05				875 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	33.0	36.3	39.7	43.0	34.8	38.1	40.9	44.6	36.6	39.8	43.2	45.7
	SHG	29.7	26.9	24.1	20.9	31.8	29.1	24.6	21.8	33.9	30.9	27.0	23.0
	TC	32.6	35.8	39.2	42.5	34.2	37.5	40.2	44.0	35.9	39.1	42.4	44.9
	KW	2.07	2.10	2.11	2.13	2.09	2.09	2.14	2.13	2.12	2.12	2.14	2.13
	CMP	1.65	1.68	1.69	1.71	1.63	1.63	1.68	1.67	1.62	1.62	1.64	1.63
	LDB	38.0	42.3	46.7	51.7	40.3	44.2	50.1	54.1	45.3	48.8	53.2	57.6
65	LWB	34.9	40.0	45.3	51.1	36.9	42.0	47.8	53.3	40.1	45.3	50.8	56.8
	TCG	32.1	35.3	38.8	42.2	33.7	36.7	40.4	43.5	35.8	39.0	42.1	45.0
	SHG	29.2	26.5	23.5	20.5	31.2	28.1	24.7	21.2	34.3	30.8	26.6	22.2
	TC	31.6	34.8	38.3	41.7	33.1	36.1	39.7	42.9	35.1	38.2	41.4	44.3
	KW	2.30	2.33	2.35	2.36	2.31	2.34	2.36	2.37	2.33	2.35	2.36	2.39
	CMP	1.87	1.91	1.92	1.94	1.85	1.88	1.90	1.91	1.83	1.85	1.86	1.89
75	LDB	38.6	42.9	47.6	52.2	41.1	45.4	50.1	54.8	44.9	48.8	53.5	58.5
	LWB	35.7	40.7	46.0	51.6	37.7	42.9	48.1	53.9	40.5	45.8	51.3	57.1
	TCG	30.9	34.1	37.6	40.9	32.4	35.6	39.1	42.5	34.9	37.5	40.8	44.0
	SHG	28.6	25.9	22.9	19.9	30.5	27.6	24.2	20.8	33.4	30.1	26.0	21.8
	TC	30.4	33.6	37.1	40.4	31.8	35.0	38.4	41.9	34.2	36.8	40.0	43.3
	KW	2.54	2.57	2.60	2.62	2.55	2.60	2.61	2.62	2.59	2.60	2.62	2.64
85	CMP	2.12	2.15	2.18	2.20	2.09	2.14	2.15	2.16	2.09	2.10	2.12	2.14
	LDB	39.5	43.7	48.4	53.1	42.0	46.0	50.7	55.3	45.8	49.5	54.1	58.8
	LWB	36.7	41.6	46.8	52.3	38.5	43.6	48.8	54.4	41.0	46.5	51.9	57.5
	TCG	29.7	32.8	36.2	39.3	31.1	34.2	37.6	41.0	33.8	36.0	39.4	42.5
	SHG	27.9	25.3	22.5	18.9	29.7	27.0	23.5	20.2	32.2	29.6	25.5	21.2
	TC	29.2	32.3	35.7	38.8	30.5	33.5	37.0	40.4	33.0	35.3	38.6	41.8
95	KW	2.81	2.84	2.89	2.90	2.82	2.86	2.89	2.91	2.86	2.89	2.90	2.92
	CMP	2.38	2.42	2.46	2.48	2.36	2.40	2.43	2.45	2.36	2.39	2.40	2.42
	LDB	40.5	44.6	49.0	54.5	43.0	46.8	51.5	56.1	47.1	50.1	54.7	59.4
	LWB	37.6	42.6	47.6	53.3	39.4	44.5	49.7	55.1	41.6	47.2	52.5	58.1
	TCG	28.2	31.3	34.7	38.2	29.8	32.6	35.9	39.4	31.9	34.4	37.2	41.1
	SHG	27.0	24.6	21.7	18.7	28.7	26.3	22.9	19.5	31.9	29.1	24.2	20.9
105	TC	27.7	30.8	34.2	37.7	29.2	32.0	35.3	38.8	31.1	33.7	36.4	40.4
	KW	3.10	3.13	3.20	3.21	3.11	3.15	3.21	3.22	3.15	3.19	3.31	3.32
	CMP	2.67	2.71	2.77	2.79	2.65	2.69	2.75	2.76	2.65	2.69	2.81	2.82
	LDB	41.7	45.6	50.1	54.8	44.2	47.6	52.2	56.9	47.4	50.6	55.5	59.7
	LWB	38.8	43.7	48.7	54.0	40.3	45.5	50.6	55.9	42.6	48.0	53.2	58.6
	TCG	26.8	29.6	33.0	36.4	28.1	30.8	34.2	37.4	30.5	32.5	35.9	39.2
115	SHG	26.1	23.8	20.9	17.7	28.1	25.5	22.3	18.4	30.5	28.3	24.0	20.1
	TC	26.3	29.1	32.5	35.9	27.5	30.2	33.6	36.7	29.7	31.8	35.2	38.5
	KW	3.41	3.45	3.52	3.55	3.43	3.47	3.55	3.55	3.48	3.51	3.54	3.57
	CMP	2.98	3.02	3.09	3.12	2.97	3.01	3.09	3.09	2.98	3.01	3.04	3.07
	LDB	43.1	46.6	51.1	56.1	45.0	48.6	53.0	58.3	48.9	51.4	56.2	60.6
	LWB	39.9	44.9	49.7	55.0	41.4	46.5	51.5	56.9	43.3	48.9	54.0	59.3
125	TCG	25.1	27.6	31.0	34.5	26.6	28.8	32.2	35.6	28.9	30.4	33.8	37.2
	SHG	25.1	23.0	20.1	17.0	26.6	24.7	21.4	17.9	28.9	27.5	23.3	19.4
	TC	24.6	27.1	30.5	34.0	26.0	28.2	31.6	35.0	28.1	29.7	33.1	36.4
	KW	3.75	3.79	3.87	3.91	3.77	3.81	3.90	3.92	3.83	3.86	3.91	3.94
	CMP	3.32	3.36	3.44	3.48	3.31	3.35	3.44	3.46	3.33	3.36	3.41	3.44
	LDB	44.5	47.8	52.3	57.1	46.9	49.6	54.1	58.9	50.5	52.2	56.9	61.2
135	LWB	41.1	46.2	51.0	56.1	42.3	47.7	52.6	57.7	44.2	49.8	54.8	60.1
	TCG	23.6	25.5	28.8	32.2	25.0	26.5	29.9	33.4	27.2	28.0	31.4	34.7
	SHG	23.6	22.1	19.2	16.1	25.0	23.8	20.5	17.2	27.2	26.3	22.4	18.5
	TC	23.1	25.0	28.3	31.7	24.4	25.9	29.3	32.7	26.4	27.3	30.7	33.9
	KW	4.12	4.15	4.25	4.30	4.15	4.18	4.28	4.32	4.21	4.23	4.30	4.33
	CMP	3.70	3.73	3.82	3.87	3.69	3.72	3.82	3.86	3.71	3.73	3.80	3.83
145	LDB	46.7	49.1	53.6	58.4	48.9	50.7	55.3	59.7	52.3	53.5	57.8	62.1
	LWB	42.3	47.6	52.3	57.3	43.4	49.0	53.8	58.8	45.0	50.9	55.8	61.0

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - \text{BF}) \times (\text{edb} - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38HDF018 with 40KMQ01824

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		445 / 0.05				530 / 0.05				680 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	17.0	18.0	19.4	20.6	17.8	19.0	20.0	21.1	18.9	19.7	20.7	21.4
	SHG	14.7	13.6	11.9	10.1	15.5	15.0	12.5	10.5	18.9	15.7	13.3	10.9
	TC	16.7	17.7	19.2	20.4	17.4	18.7	19.7	20.7	18.5	19.3	20.3	21.0
	KW	1.01	1.00	1.01	1.01	1.00	1.00	1.02	1.00	1.00	1.01	1.01	1.00
	CMP	0.80	0.79	0.80	0.80	0.77	0.77	0.79	0.77	0.74	0.75	0.75	0.74
	LDB	50.3	52.9	56.6	60.6	53.8	55.0	59.5	63.1	55.1	59.7	63.0	66.5
65	LWB	41.7	47.4	52.9	58.7	43.8	49.3	55.1	60.9	46.3	52.1	57.7	63.5
	TCG	16.7	17.4	19.1	20.2	17.2	18.2	19.7	20.7	18.8	19.0	20.3	21.2
	SHG	14.8	13.5	11.9	9.9	17.2	14.4	12.5	10.4	18.8	15.6	13.3	11.0
	TC	16.5	17.2	18.9	20.0	16.9	17.9	19.3	20.4	18.3	18.6	19.9	20.8
	KW	1.12	1.12	1.12	1.13	1.11	1.12	1.13	1.13	1.11	1.12	1.13	1.12
	CMP	0.91	0.91	0.91	0.92	0.88	0.90	0.90	0.90	0.85	0.86	0.87	0.86
75	LDB	50.1	53.1	56.5	60.9	50.7	55.9	59.5	63.3	55.3	59.8	63.0	66.3
	LWB	41.9	48.0	53.2	59.0	44.3	49.9	55.3	61.1	46.4	52.5	57.9	63.6
	TCG	15.7	17.1	18.3	19.7	16.8	17.5	19.1	20.2	18.2	18.4	19.7	20.7
	SHG	15.7	13.7	11.6	9.8	16.8	14.1	12.5	10.2	18.2	15.5	13.3	10.9
	TC	15.5	16.9	18.1	19.4	16.5	17.2	18.8	19.9	17.8	17.9	19.3	20.2
	KW	1.25	1.25	1.26	1.26	1.25	1.26	1.25	1.26	1.25	1.26	1.26	1.25
85	CMP	1.04	1.04	1.05	1.05	1.02	1.03	1.02	1.03	0.99	1.00	1.00	0.99
	LDB	48.2	52.6	57.3	61.2	51.5	56.4	59.4	63.6	56.0	59.9	63.1	66.5
	LWB	43.0	48.2	53.8	59.4	44.6	50.5	55.7	61.4	46.8	52.8	58.2	63.8
	TCG	15.2	16.5	17.6	19.0	16.2	17.0	18.3	19.6	17.6	17.7	19.1	20.1
	SHG	15.2	13.5	11.3	9.5	16.2	14.4	12.1	10.0	17.6	15.2	13.1	10.6
	TC	15.0	16.2	17.3	18.8	15.8	16.7	18.0	19.2	17.2	17.3	18.7	19.6
95	KW	1.39	1.40	1.40	1.40	1.40	1.40	1.40	1.41	1.40	1.40	1.40	1.41
	CMP	1.18	1.19	1.19	1.19	1.17	1.17	1.17	1.18	1.14	1.14	1.14	1.15
	LDB	49.1	52.9	57.9	61.7	52.6	55.9	60.1	64.0	56.8	60.3	63.3	66.8
	LWB	43.5	48.8	54.4	59.9	45.2	50.8	56.2	61.8	47.2	53.2	58.5	64.1
	TCG	14.6	15.7	16.8	18.3	15.5	16.2	17.5	18.8	16.9	17.1	17.4	19.3
	SHG	14.6	13.4	11.0	9.2	15.5	14.1	11.9	9.7	16.9	14.9	12.4	10.4
105	TC	14.3	15.4	16.5	18.1	15.2	15.9	17.2	18.5	16.5	16.6	17.0	18.9
	KW	1.55	1.56	1.56	1.56	1.56	1.56	1.56	1.57	1.56	1.56	1.55	1.57
	CMP	1.34	1.35	1.35	1.35	1.33	1.33	1.33	1.34	1.30	1.30	1.29	1.31
	LDB	50.5	53.2	58.4	62.3	53.7	56.4	60.4	64.4	57.7	60.7	63.3	67.1
	LWB	44.1	49.5	55.1	60.4	45.7	51.4	56.8	62.2	47.6	53.5	58.9	64.4
	TCG	13.8	14.8	15.8	17.3	14.8	15.5	16.5	18.0	16.2	16.3	17.2	18.5
115	SHG	13.8	12.9	10.5	8.7	14.8	13.4	11.5	9.4	16.2	13.4	12.6	10.1
	TC	13.6	14.5	15.6	17.1	14.4	15.2	16.2	17.7	15.7	15.9	16.8	18.0
	KW	1.72	1.73	1.74	1.74	1.73	1.73	1.74	1.74	1.74	1.74	1.74	1.74
	CMP	1.51	1.52	1.53	1.53	1.50	1.50	1.51	1.51	1.48	1.48	1.48	1.48
	LDB	52.0	54.2	59.4	63.4	55.0	57.6	61.1	64.9	58.8	62.7	63.9	67.5
	LWB	44.9	50.3	55.9	61.2	46.3	51.9	57.4	62.7	48.1	53.9	59.4	64.8
125	TCG	13.1	13.9	15.0	16.4	13.9	13.9	15.4	16.9	15.2	15.0	16.1	17.4
	SHG	13.1	12.2	10.3	8.5	13.9	13.9	11.1	9.0	15.2	15.0	12.4	9.7
	TC	12.8	13.7	14.7	16.1	13.5	13.6	15.0	16.5	14.8	14.6	15.7	17.0
	KW	1.90	1.91	1.92	1.93	1.91	1.91	1.93	1.93	1.93	1.93	1.93	1.93
	CMP	1.69	1.70	1.71	1.72	1.68	1.68	1.70	1.70	1.67	1.67	1.67	1.67
	LDB	53.6	55.7	59.7	63.7	56.6	56.7	61.7	65.6	60.0	60.4	64.2	68.0
125	LWB	45.7	51.1	56.5	61.8	47.0	52.6	58.2	63.4	48.6	54.6	59.9	65.2
	TCG	12.1	12.1	13.7	15.0	12.9	12.9	14.1	15.6	14.2	13.9	14.8	16.0
	SHG	12.1	12.1	10.0	8.1	12.9	12.9	10.7	8.6	14.2	13.9	12.2	9.2
	TC	11.9	11.9	13.5	14.8	12.6	12.6	13.8	15.3	13.7	13.5	14.3	15.6
	KW	2.09	2.09	2.12	2.13	2.11	2.10	2.12	2.13	2.13	2.13	2.13	2.13
	CMP	1.88	1.88	1.91	1.92	1.88	1.87	1.89	1.90	1.87	1.87	1.87	1.87
125	LDB	55.5	55.6	60.2	64.6	58.3	58.4	62.4	66.3	61.5	61.9	64.4	68.6
	LWB	46.6	52.6	57.5	62.7	47.8	53.8	58.9	64.1	49.3	55.2	60.6	65.8

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38HDF024 with 40KMQ01824

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		445 / 0.05				530 / 0.05				680 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	21.4	23.3	25.0	27.0	22.7	24.5	26.2	28.5	24.3	25.6	28.0	29.0
	SHG	19.7	17.6	15.4	13.5	21.2	18.9	16.1	14.2	22.8	20.3	18.1	14.9
	TC	21.2	23.0	24.7	26.8	22.4	24.1	25.9	28.1	23.9	25.2	27.5	28.6
	kW	1.20	1.22	1.23	1.23	1.22	1.23	1.24	1.23	1.22	1.24	1.23	1.22
	CMP	0.99	1.01	1.02	1.02	0.99	1.00	1.01	1.00	0.96	0.98	0.97	0.96
	LDB	40.0	44.6	49.6	53.8	44.0	48.1	53.3	56.9	49.9	53.5	56.7	61.3
	LWB	36.8	42.2	48.0	53.6	39.5	45.0	50.7	56.2	42.8	48.6	53.9	60.0
65	TCG	20.7	22.6	24.7	26.3	22.1	23.8	25.5	27.7	23.5	25.1	26.7	28.6
	SHG	19.4	17.4	15.2	13.0	20.7	18.9	15.8	13.6	23.4	20.7	17.1	14.4
	TC	20.4	22.4	24.4	26.0	21.7	23.5	25.2	27.4	23.0	24.7	26.3	28.2
	kW	1.35	1.37	1.39	1.39	1.37	1.38	1.40	1.40	1.38	1.39	1.40	1.41
	CMP	1.14	1.16	1.18	1.18	1.14	1.15	1.17	1.17	1.12	1.13	1.14	1.15
	LDB	40.6	45.1	49.9	54.7	44.7	48.3	53.8	58.0	49.0	52.9	58.1	61.9
	LWB	37.6	42.8	48.3	54.3	40.1	45.5	51.2	56.7	43.4	48.9	54.5	60.2
75	TCG	19.9	21.9	23.9	25.8	21.7	23.0	25.0	27.0	22.8	24.4	26.4	28.1
	SHG	18.9	17.0	14.9	12.5	19.7	18.6	16.1	13.5	22.8	20.8	17.4	14.2
	TC	19.7	21.6	23.7	25.5	21.4	22.7	24.7	26.6	22.4	24.0	26.0	27.7
	kW	1.52	1.54	1.56	1.57	1.53	1.55	1.56	1.57	1.55	1.56	1.57	1.58
	CMP	1.31	1.33	1.35	1.36	1.30	1.32	1.33	1.34	1.29	1.30	1.31	1.32
	LDB	41.6	45.8	50.6	55.8	46.5	48.8	53.4	58.1	49.8	52.7	57.6	62.2
	LWB	38.5	43.6	48.9	54.7	40.4	46.2	51.6	57.2	43.8	49.3	54.7	60.4
85	TCG	19.2	21.0	23.0	24.9	20.2	22.1	23.9	26.5	22.1	23.5	25.5	27.4
	SHG	18.4	16.6	14.5	12.3	20.2	18.1	15.4	13.3	22.1	20.6	17.2	14.0
	TC	19.0	20.7	22.8	24.6	19.9	21.7	23.6	26.1	21.7	23.1	25.1	27.0
	kW	1.70	1.72	1.75	1.76	1.71	1.74	1.75	1.76	1.73	1.75	1.76	1.77
	CMP	1.49	1.51	1.54	1.55	1.48	1.51	1.52	1.53	1.47	1.49	1.50	1.51
	LDB	42.8	46.6	51.4	56.3	45.6	49.5	54.5	58.5	50.8	53.1	57.9	62.4
	LWB	39.3	44.5	49.7	55.4	41.7	46.9	52.4	57.5	44.3	49.8	55.2	60.7
95	TCG	18.5	20.0	22.0	23.9	19.4	21.0	22.9	25.4	21.2	22.4	23.0	26.2
	SHG	17.6	16.2	14.0	11.8	19.4	17.7	15.0	12.8	21.2	20.1	15.8	13.6
	TC	18.3	19.7	21.8	23.7	19.1	20.7	22.6	25.1	20.8	22.0	22.6	25.8
	kW	1.89	1.92	1.95	1.96	1.91	1.93	1.96	1.97	1.93	1.95	2.05	2.06
	CMP	1.68	1.71	1.74	1.75	1.68	1.70	1.73	1.74	1.67	1.69	1.79	1.80
	LDB	44.3	47.5	52.2	57.1	47.0	50.2	55.3	59.3	51.9	53.6	58.6	63.0
	LWB	40.0	45.5	50.6	56.2	42.4	47.7	53.1	58.2	44.8	50.5	55.8	61.3
105	TCG	17.3	18.9	20.9	22.8	18.5	19.8	21.9	24.0	20.3	21.1	22.9	24.9
	SHG	17.3	15.7	13.6	11.3	18.5	17.2	14.7	12.1	20.3	19.5	16.1	13.1
	TC	17.0	18.6	20.7	22.5	18.2	19.5	21.5	23.7	19.9	20.6	22.5	24.5
	kW	2.10	2.13	2.17	2.18	2.12	2.14	2.18	2.19	2.15	2.17	2.18	2.19
	CMP	1.89	1.92	1.96	1.97	1.89	1.91	1.95	1.96	1.89	1.91	1.92	1.93
	LDB	44.9	48.5	53.2	58.3	48.5	51.0	55.7	60.4	53.2	54.5	59.3	63.6
	LWB	41.3	46.6	51.6	57.1	43.2	48.7	53.8	59.1	45.5	51.2	56.5	61.9
115	TCG	16.4	17.6	19.6	21.5	17.5	18.4	20.5	22.6	19.2	19.8	21.4	23.5
	SHG	16.4	15.1	13.0	10.8	17.5	16.7	14.2	11.6	19.2	18.6	15.4	12.6
	TC	16.1	17.3	19.4	21.3	17.2	18.1	20.2	22.3	18.8	19.4	20.9	23.0
	kW	2.32	2.35	2.39	2.41	2.35	2.36	2.41	2.42	2.38	2.40	2.41	2.42
	CMP	2.11	2.14	2.18	2.20	2.12	2.13	2.18	2.19	2.12	2.14	2.15	2.16
	LDB	46.8	49.6	54.2	59.3	50.2	51.9	56.6	61.3	54.7	55.7	60.2	64.3
	LWB	42.3	47.8	52.7	58.0	44.0	49.7	54.7	60.0	46.2	52.0	57.3	62.5
125	TCG	15.3	16.1	18.1	20.1	16.4	17.0	19.0	21.0	18.0	18.0	19.9	21.8
	SHG	15.3	14.6	12.5	10.2	16.4	15.9	13.6	11.0	18.0	18.0	15.1	12.0
	TC	15.0	15.8	17.9	19.8	16.1	16.7	18.6	20.7	17.6	17.6	19.5	21.4
	kW	2.56	2.58	2.63	2.66	2.59	2.60	2.65	2.66	2.62	2.62	2.66	2.67
	CMP	2.35	2.37	2.42	2.45	2.36	2.37	2.42	2.43	2.36	2.36	2.40	2.41
	LDB	49.0	50.8	55.4	60.4	52.2	53.2	57.5	62.3	56.3	56.4	60.6	65.0
	LWB	43.4	49.2	54.0	59.1	45.0	50.8	55.8	60.9	46.9	52.7	58.1	63.3

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38HDF030 with 40KMQ03036

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		635 / 0.05				720 / 0.05				875 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	28.3	30.5	33.3	35.3	29.4	31.5	34.4	36.0	31.4	32.9	35.0	37.0
	SHG	27.6	24.7	21.4	17.5	29.4	26.3	22.5	18.3	31.4	29.0	23.7	19.2
	TC	27.8	30.0	32.8	34.8	28.8	30.9	33.7	35.4	30.7	32.2	34.3	36.3
	KW	1.55	1.56	1.57	1.59	1.56	1.56	1.58	1.58	1.56	1.57	1.58	1.59
	CMP	1.27	1.28	1.29	1.31	1.24	1.25	1.26	1.26	1.21	1.21	1.23	1.23
	LDB	40.9	45.4	50.5	56.4	43.4	47.6	52.7	58.4	47.9	50.6	56.5	61.4
65	LWB	38.7	44.2	49.5	55.6	40.6	46.1	51.4	57.6	42.8	48.7	54.4	60.1
	TCG	27.1	29.5	32.3	35.0	28.6	30.5	33.3	36.0	30.9	31.8	34.6	37.0
	SHG	27.1	24.3	21.0	17.5	28.5	26.2	22.4	18.3	30.9	28.8	24.1	19.4
	TC	26.6	29.0	31.8	34.5	27.9	29.9	32.7	35.4	30.2	31.1	33.9	36.2
	KW	1.72	1.74	1.75	1.77	1.73	1.74	1.75	1.77	1.74	1.75	1.76	1.77
	CMP	1.44	1.46	1.47	1.49	1.42	1.43	1.44	1.45	1.38	1.39	1.41	1.42
75	LDB	41.6	45.9	51.1	56.5	44.4	47.8	52.9	58.4	48.4	50.8	56.0	61.2
	LWB	39.6	44.9	50.2	55.8	41.1	46.7	52.0	57.6	43.1	49.2	54.5	60.2
	TCG	26.2	28.3	31.1	33.9	27.6	29.3	32.1	34.8	29.7	30.5	33.4	35.9
	SHG	26.2	23.7	20.5	17.1	27.6	25.5	21.7	17.9	29.7	28.2	23.7	19.1
	TC	25.7	27.8	30.6	33.4	27.0	28.7	31.5	34.2	29.0	29.7	32.6	35.1
	KW	1.92	1.94	1.95	1.97	1.93	1.95	1.96	1.97	1.94	1.95	1.96	1.97
85	CMP	1.64	1.66	1.67	1.69	1.61	1.63	1.64	1.65	1.59	1.60	1.61	1.62
	LDB	42.9	46.8	51.8	57.0	45.7	48.6	53.7	58.9	49.7	51.5	56.4	61.5
	LWB	40.3	45.7	50.9	56.4	41.7	47.4	52.6	58.1	43.7	49.8	55.0	60.6
	TCG	25.2	26.9	29.8	32.6	26.6	28.0	30.7	33.4	28.5	29.1	31.9	34.5
	SHG	25.2	23.2	19.9	16.6	26.6	25.0	21.2	17.4	28.5	27.4	23.2	18.6
	TC	24.7	26.4	29.3	32.1	25.9	27.3	30.1	32.8	27.8	28.3	31.1	33.7
95	KW	2.13	2.15	2.17	2.18	2.14	2.16	2.17	2.19	2.17	2.17	2.18	2.19
	CMP	1.85	1.87	1.89	1.90	1.83	1.85	1.86	1.87	1.81	1.82	1.82	1.84
	LDB	44.4	47.6	52.6	57.7	47.0	49.2	54.4	59.4	50.9	52.3	56.9	62.0
	LWB	41.1	46.6	51.7	57.1	42.4	48.2	53.4	58.8	44.3	50.5	55.6	61.1
	TCG	24.1	25.5	28.3	31.2	25.4	26.4	29.2	31.9	27.4	27.6	29.8	32.9
	SHG	24.1	22.5	19.3	16.0	25.4	24.2	20.5	16.8	27.4	26.8	22.2	18.0
105	TC	23.6	25.0	27.8	30.7	24.8	25.7	28.6	31.3	26.6	26.9	29.0	32.1
	KW	2.36	2.38	2.41	2.42	2.38	2.39	2.41	2.42	2.41	2.41	2.63	2.64
	CMP	2.08	2.10	2.13	2.14	2.06	2.08	2.10	2.11	2.05	2.05	2.06	2.08
	LDB	46.0	48.5	53.4	58.5	48.4	50.2	55.1	60.2	52.1	52.8	57.5	62.6
	LWB	41.9	47.6	52.6	57.9	43.1	49.1	54.1	59.5	44.9	51.1	56.3	61.7
	TCG	22.8	23.9	26.7	29.5	24.1	25.4	27.6	30.3	26.2	26.5	28.7	31.1
115	SHG	22.8	21.7	18.7	15.4	24.1	22.8	19.9	16.2	26.2	25.2	22.0	17.4
	TC	22.4	23.4	26.2	29.0	23.5	24.8	27.0	29.7	25.4	25.8	27.9	30.4
	KW	2.60	2.62	2.67	2.68	2.63	2.64	2.67	2.68	2.66	2.66	2.67	2.69
	CMP	2.32	2.34	2.39	2.40	2.31	2.33	2.35	2.37	2.31	2.30	2.32	2.33
	LDB	47.7	49.6	54.3	59.4	50.1	51.9	55.9	60.9	53.4	54.5	58.2	63.2
	LWB	42.8	48.6	53.6	58.7	43.9	49.6	55.0	60.2	45.5	51.6	56.9	62.3
125	TCG	21.5	22.0	24.8	27.7	22.7	23.4	25.5	28.4	24.7	24.6	26.6	29.2
	SHG	21.5	20.9	17.9	14.7	22.7	22.1	19.1	15.5	24.7	24.6	21.2	16.7
	TC	21.0	21.5	24.3	27.2	22.1	22.7	24.9	27.8	23.9	23.8	25.9	28.4
	KW	2.87	2.88	2.94	2.95	2.89	2.90	2.94	2.95	2.93	2.93	2.94	2.96
	CMP	2.59	2.60	2.66	2.67	2.58	2.59	2.62	2.64	2.58	2.58	2.59	2.60
	LDB	49.7	50.8	55.3	60.3	51.8	52.9	56.9	61.8	54.9	55.2	58.9	63.9
135	LWB	43.8	49.8	54.7	59.7	44.8	50.8	56.0	61.1	46.3	52.5	57.7	63.0
	TCG	20.0	20.5	22.8	25.7	21.2	21.2	23.6	26.3	23.0	22.9	24.5	26.9
	SHG	20.0	19.6	17.1	13.9	21.2	21.2	18.4	14.7	23.0	22.9	20.4	15.8
	TC	19.5	20.0	22.3	25.2	20.6	20.6	23.0	25.6	22.2	22.2	23.8	26.2
	KW	3.15	3.16	3.22	3.23	3.18	3.18	3.22	3.23	3.22	3.21	3.23	3.24
	CMP	2.87	2.88	2.94	2.95	2.87	2.86	2.90	2.92	2.86	2.86	2.87	2.89
145	LDB	51.8	52.6	56.5	61.3	53.8	53.9	57.7	62.7	56.7	56.9	59.8	64.7
	LWB	44.8	50.8	55.8	60.7	45.8	51.5	56.9	62.0	47.1	53.2	58.5	63.7

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38HDF036 with 40KMQ03036

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		635 / 0.05				720 / 0.05				875 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	34.7	37.8	41.1	43.9	36.3	39.4	42.6	45.2	38.5	41.5	44.5	46.5
	SHG	32.0	28.5	25.1	21.7	34.5	30.6	26.3	22.7	37.6	33.3	28.4	23.7
	TC	34.3	37.3	40.6	43.4	35.7	38.8	42.0	44.6	37.8	40.8	43.8	45.8
	KW	2.08	2.11	2.12	2.12	2.09	2.11	2.13	2.12	2.10	2.12	2.14	2.11
	CMP	1.65	1.68	1.70	1.69	1.63	1.65	1.67	1.66	1.60	1.62	1.64	1.61
	LDB	34.6	40.0	45.3	50.5	36.8	42.2	48.0	53.0	41.4	46.3	51.7	56.9
65	LWB	33.5	38.8	44.4	50.5	35.8	41.2	46.8	53.0	39.0	44.5	50.2	56.5
	TCG	33.5	36.9	40.3	43.4	35.1	38.3	41.7	44.8	37.8	40.3	43.6	46.1
	SHG	31.3	28.1	24.8	21.1	33.6	29.8	26.0	22.1	37.2	32.7	28.1	23.2
	TC	33.0	36.4	39.8	42.9	34.4	37.7	41.1	44.2	37.0	39.6	42.9	45.4
	KW	2.31	2.33	2.34	2.37	2.32	2.34	2.36	2.37	2.33	2.35	2.36	2.38
	CMP	1.88	1.91	1.92	1.94	1.86	1.88	1.90	1.91	1.83	1.85	1.86	1.88
75	LDB	35.5	40.5	45.7	51.3	38.0	43.2	48.4	53.8	41.8	46.9	52.0	57.5
	LWB	34.6	39.5	44.9	50.8	36.7	41.9	47.3	53.2	39.4	45.1	50.6	56.6
	TCG	32.3	35.5	39.1	42.3	33.7	36.9	40.4	43.7	36.7	38.9	42.3	45.2
	SHG	30.6	27.5	24.2	20.7	32.8	29.2	25.5	21.6	35.2	32.2	27.6	22.8
	TC	31.8	35.0	38.6	41.8	33.1	36.3	39.8	43.1	35.9	38.2	41.6	44.5
	KW	2.55	2.59	2.60	2.62	2.57	2.60	2.61	2.63	2.59	2.60	2.62	2.64
85	CMP	2.13	2.16	2.18	2.20	2.11	2.14	2.15	2.17	2.09	2.10	2.12	2.14
	LDB	36.6	41.5	46.5	52.0	39.0	44.0	49.0	54.3	43.9	47.4	52.5	57.8
	LWB	35.5	40.5	45.7	51.5	37.6	42.8	48.1	53.8	40.0	45.8	51.2	57.0
	TCG	30.8	34.1	37.6	41.0	32.4	35.5	39.0	42.3	34.9	37.4	40.8	43.7
	SHG	29.8	26.8	23.4	20.1	31.9	28.6	24.8	21.0	34.9	31.6	27.0	22.2
	TC	30.3	33.6	37.1	40.5	31.8	34.9	38.3	41.7	34.2	36.7	40.1	42.9
95	KW	2.82	2.86	2.89	2.90	2.84	2.88	2.89	2.91	2.88	2.88	2.90	2.92
	CMP	2.39	2.44	2.46	2.48	2.38	2.42	2.43	2.45	2.38	2.38	2.40	2.42
	LDB	37.7	42.4	47.6	52.8	40.2	44.7	49.9	55.1	44.2	48.0	53.1	58.4
	LWB	36.7	41.6	46.8	52.3	38.5	43.7	48.9	54.5	41.0	46.5	51.9	57.6
	TCG	29.3	32.5	36.0	39.5	31.1	33.8	37.3	40.7	33.5	35.8	38.8	42.1
	SHG	28.9	26.0	22.7	19.4	30.6	27.8	24.1	20.3	33.5	30.9	27.4	21.6
105	TC	28.8	32.0	35.5	39.0	30.5	33.2	36.7	40.1	32.8	35.0	36.0	41.3
	KW	3.11	3.15	3.19	3.21	3.13	3.18	3.20	3.22	3.18	3.19	3.27	3.28
	CMP	2.68	2.73	2.77	2.79	2.67	2.72	2.74	2.76	2.68	2.69	2.77	2.78
	LDB	39.0	43.6	48.6	53.7	41.9	45.7	50.8	55.9	45.6	48.7	53.8	59.0
	LWB	37.9	42.8	47.8	53.2	39.4	44.7	49.8	55.3	41.7	47.3	52.6	58.2
	TCG	27.7	30.6	34.0	37.8	29.4	31.9	35.5	38.9	32.0	33.7	37.1	40.3
115	SHG	27.7	25.0	21.7	18.7	29.4	26.9	23.3	19.6	32.0	30.0	25.4	20.9
	TC	27.2	30.1	33.5	37.3	28.8	31.3	34.9	38.3	31.2	33.0	36.4	39.5
	KW	3.42	3.47	3.53	3.55	3.45	3.50	3.54	3.56	3.51	3.53	3.55	3.58
	CMP	3.00	3.04	3.11	3.13	2.99	3.04	3.08	3.10	3.01	3.03	3.05	3.08
	LDB	40.8	44.9	50.0	54.8	43.3	46.8	51.7	56.8	47.3	49.6	54.7	59.7
	LWB	39.1	44.1	49.1	54.2	40.5	45.9	50.8	56.2	42.6	48.3	53.5	58.9
125	TCG	26.2	28.5	32.2	35.8	27.8	29.7	33.3	36.8	30.2	31.5	35.0	38.1
	SHG	26.2	24.0	21.1	17.9	27.8	25.9	22.4	18.8	30.2	29.0	24.7	20.1
	TC	25.7	28.0	31.7	35.3	27.2	29.1	32.7	36.2	29.5	30.7	34.2	37.4
	KW	3.77	3.81	3.90	3.92	3.80	3.84	3.90	3.93	3.86	3.89	3.91	3.94
	CMP	3.34	3.38	3.47	3.49	3.34	3.38	3.44	3.47	3.36	3.39	3.41	3.44
	LDB	42.9	46.3	50.9	55.8	45.4	48.1	52.9	57.8	49.1	50.6	55.5	60.5
135	LWB	40.3	45.6	50.3	55.3	41.6	47.1	52.0	57.2	43.5	49.4	54.4	59.7
	TCG	24.5	26.2	29.8	33.4	26.0	27.4	30.9	34.4	28.3	30.0	32.5	35.6
	SHG	24.5	22.9	20.1	17.0	26.0	24.8	21.3	17.9	28.3	26.9	23.7	19.1
	TC	24.0	25.7	29.3	32.9	25.4	26.8	30.3	33.7	27.6	29.2	31.7	34.8
	KW	4.14	4.18	4.28	4.30	4.17	4.21	4.29	4.31	4.25	4.25	4.30	4.33
	CMP	3.72	3.75	3.86	3.88	3.71	3.75	3.83	3.85	3.75	3.75	3.80	3.83
145	LDB	45.4	47.8	52.3	57.1	47.6	49.4	54.2	58.9	51.1	52.8	56.4	61.5
	LWB	41.6	47.1	51.7	56.6	42.7	48.5	53.3	58.3	44.4	50.1	55.4	60.7

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38QRF018 with 40KMQ01824

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		445 / 0.05				530 / 0.05				680 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	17.4	18.4	20.2	21.7	18.1	19.1	20.9	22.4	19.9	20.2	21.8	23.2
	SHG	16.6	14.9	13.2	10.9	18.1	15.9	13.8	11.5	19.9	17.7	15.1	12.2
	TC	17.2	18.2	20.0	21.5	17.8	18.7	20.6	22.1	19.5	19.8	21.3	22.8
	KW	1.00	0.99	0.99	1.00	0.99	1.00	1.00	1.00	0.99	1.00	1.00	1.00
	CMP	0.79	0.78	0.78	0.79	0.76	0.77	0.77	0.77	0.73	0.74	0.74	0.74
	LDB	46.4	50.1	53.9	59.0	49.3	53.3	57.2	61.5	53.7	56.8	60.7	64.7
65	LWB	41.2	47.0	52.2	57.9	43.5	49.3	54.5	60.1	45.7	51.8	57.1	62.7
	TCG	16.9	17.8	19.4	21.2	17.6	18.5	20.3	21.8	19.2	19.8	21.1	22.7
	SHG	16.2	14.7	12.6	10.7	17.6	15.6	13.6	11.3	19.2	18.7	14.9	12.2
	TC	16.6	17.5	19.2	20.9	17.3	18.1	19.9	21.5	18.8	19.3	20.6	22.2
	KW	1.11	1.11	1.12	1.12	1.11	1.12	1.12	1.12	1.11	1.11	1.12	1.12
	CMP	0.90	0.90	0.91	0.91	0.88	0.89	0.89	0.89	0.85	0.85	0.86	0.86
75	LDB	47.1	50.5	55.1	59.4	50.1	53.8	57.5	61.8	54.7	55.6	60.9	64.8
	LWB	41.8	47.6	52.9	58.3	43.9	49.7	54.9	60.4	46.2	52.0	57.5	62.9
	TCG	16.0	17.2	18.8	20.6	17.2	17.9	19.5	21.1	18.5	18.9	20.5	21.9
	SHG	16.0	14.7	12.5	10.4	17.2	15.9	13.3	11.0	18.5	18.0	15.1	11.9
	TC	15.8	16.9	18.6	20.3	16.8	17.5	19.2	20.8	18.1	18.5	20.1	21.5
	KW	1.23	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.24	1.24	1.25	1.25
85	CMP	1.02	1.03	1.04	1.04	1.02	1.02	1.02	1.02	0.98	0.98	0.99	0.99
	LDB	47.5	50.5	55.3	59.9	50.9	53.2	58.1	62.3	55.7	56.5	60.6	65.2
	LWB	42.7	48.2	53.4	58.8	44.3	50.2	55.4	60.9	46.6	52.5	57.8	63.2
	TCG	15.4	16.3	17.9	19.7	16.4	17.0	18.7	20.4	17.8	18.2	19.6	21.1
	SHG	15.4	14.4	12.2	10.0	16.4	15.8	13.2	10.7	17.8	17.0	14.7	11.7
	TC	15.2	16.1	17.7	19.4	16.1	16.7	18.4	20.1	17.4	17.8	19.2	20.7
95	KW	1.38	1.39	1.39	1.40	1.38	1.39	1.39	1.40	1.39	1.39	1.39	1.40
	CMP	1.17	1.18	1.18	1.19	1.15	1.16	1.16	1.17	1.13	1.13	1.13	1.14
	LDB	48.8	51.1	55.9	60.8	52.2	53.4	58.2	62.7	56.6	57.8	61.1	65.4
	LWB	43.3	49.0	54.1	59.4	45.0	50.8	55.9	61.3	47.1	52.9	58.2	63.6
	TCG	14.7	15.3	17.1	18.8	15.7	16.1	17.7	19.5	17.0	17.3	18.3	20.2
	SHG	14.7	14.0	11.9	9.9	15.7	15.3	12.9	10.6	17.0	16.3	14.5	11.3
105	TC	14.4	15.1	16.8	18.6	15.4	15.8	17.4	19.2	16.6	16.9	17.9	19.8
	KW	1.52	1.54	1.55	1.55	1.54	1.54	1.55	1.55	1.55	1.55	1.63	1.64
	CMP	1.31	1.33	1.34	1.34	1.31	1.31	1.32	1.32	1.29	1.29	1.37	1.38
	LDB	50.2	51.9	56.5	60.9	53.5	54.2	58.7	62.8	57.6	58.7	61.7	65.9
	LWB	44.0	49.8	54.8	60.1	45.6	51.5	56.6	61.8	47.5	53.4	58.8	64.0
	TCG	13.9	14.3	15.8	17.8	14.8	15.1	16.5	18.4	16.1	16.0	17.3	19.2
115	SHG	13.9	13.6	11.4	9.4	14.8	14.9	12.6	10.1	16.1	16.0	14.1	11.0
	TC	13.7	14.0	15.6	17.5	14.5	14.8	16.2	18.1	15.7	15.6	16.9	18.7
	KW	1.69	1.69	1.72	1.73	1.70	1.70	1.72	1.73	1.72	1.72	1.73	1.73
	CMP	1.48	1.48	1.51	1.52	1.47	1.47	1.49	1.50	1.46	1.46	1.47	1.47
	LDB	51.9	52.7	57.6	61.8	54.9	54.9	59.2	63.8	58.9	59.1	61.9	66.2
	LWB	44.8	50.8	55.8	60.8	46.3	52.2	57.4	62.4	48.1	54.0	59.3	64.5
125	TCG	13.0	13.2	14.6	16.5	13.9	13.8	15.2	17.1	14.9	15.0	15.8	17.8
	SHG	13.0	12.9	11.0	9.0	13.9	13.8	12.1	9.8	14.9	15.0	13.7	10.8
	TC	12.7	12.9	14.3	16.3	13.5	13.5	14.8	16.8	14.5	14.5	15.4	17.4
	KW	1.86	1.87	1.89	1.92	1.88	1.88	1.90	1.92	1.90	1.90	1.91	1.92
	CMP	1.65	1.66	1.68	1.71	1.65	1.65	1.67	1.69	1.64	1.64	1.65	1.66
	LDB	53.8	54.1	58.2	62.7	56.6	56.8	60.1	64.2	60.4	60.5	62.3	66.5
135	LWB	45.7	51.8	56.8	61.7	47.1	53.1	58.3	63.2	48.8	54.6	60.0	65.0
	TCG	11.9	11.9	13.1	15.1	12.8	12.7	13.7	15.6	13.8	13.8	14.5	16.2
	SHG	11.9	11.9	10.5	8.5	12.8	12.7	11.5	9.2	13.8	13.8	13.1	10.3
	TC	11.7	11.6	12.9	14.9	12.4	12.4	13.4	15.3	13.4	13.4	14.1	15.7
	KW	2.05	2.06	2.08	2.11	2.07	2.07	2.09	2.11	2.09	2.09	2.10	2.12
	CMP	1.84	1.85	1.87	1.90	1.84	1.84	1.86	1.88	1.83	1.83	1.84	1.86
145	LDB	56.0	56.1	59.2	63.6	58.5	58.6	60.9	65.2	61.9	62.1	63.2	67.1
	LWB	46.8	52.0	58.0	62.7	47.9	53.1	59.2	64.1	49.5	55.3	60.7	65.7

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38QRF024 with 40KMQ01824

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		445 / 0.05				530 / 0.05				680 / 0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	20.3	22.1	23.8	26.0	21.3	23.3	25.9	27.0	23.4	24.6	26.6	27.9
	SHG	19.6	17.4	15.1	12.8	21.3	19.0	16.7	13.6	23.4	20.9	17.5	14.4
	TC	20.0	21.8	23.5	25.7	21.0	23.0	25.5	26.7	23.0	24.2	26.1	27.5
	KW	1.17	1.18	1.18	1.21	1.18	1.18	1.19	1.19	1.18	1.19	1.21	1.19
	CMP	0.96	0.97	0.97	1.00	0.95	0.95	0.96	0.96	0.92	0.93	0.95	0.93
	LDB	40.2	45.0	50.2	55.1	43.7	48.0	52.3	57.9	49.0	52.7	57.5	62.0
65	LWB	38.1	43.4	49.1	54.5	40.7	45.9	50.9	57.2	43.4	49.2	54.6	60.5
	TCG	19.7	21.5	23.5	25.9	20.9	22.6	24.5	26.7	22.7	23.9	26.4	27.7
	SHG	19.2	17.3	15.0	13.0	20.9	18.8	15.8	13.4	22.7	21.0	18.1	14.3
	TC	19.4	21.3	23.3	25.7	20.6	22.3	24.2	26.4	22.3	23.5	25.9	27.2
	KW	1.32	1.33	1.34	1.35	1.33	1.34	1.35	1.36	1.34	1.34	1.35	1.37
	CMP	1.11	1.12	1.13	1.14	1.10	1.11	1.12	1.13	1.08	1.08	1.09	1.11
75	LDB	41.1	45.3	50.3	54.8	44.4	48.4	53.8	58.3	49.9	52.5	56.7	62.1
	LWB	38.8	43.9	49.3	54.5	41.1	46.5	51.9	57.4	43.9	49.6	54.7	60.6
	TCG	18.8	20.7	22.9	25.1	20.2	21.8	24.0	25.9	22.1	23.2	25.3	27.1
	SHG	18.8	16.8	14.7	12.5	20.2	18.5	16.1	13.1	22.1	21.0	17.5	14.1
	TC	18.6	20.4	22.6	24.8	19.8	21.5	23.6	25.6	21.6	22.7	24.8	26.7
	KW	1.48	1.50	1.51	1.52	1.49	1.51	1.51	1.52	1.50	1.51	1.52	1.53
85	CMP	1.27	1.29	1.30	1.31	1.26	1.28	1.28	1.29	1.24	1.25	1.26	1.27
	LDB	41.7	46.1	50.9	55.8	45.7	48.8	53.4	58.8	50.8	52.5	57.4	62.3
	LWB	39.7	44.8	49.9	55.2	41.7	47.1	52.3	57.9	44.3	50.0	55.3	60.9
	TCG	18.2	19.8	21.8	23.8	19.5	20.8	23.0	25.0	21.3	22.1	24.3	26.2
	SHG	18.2	16.5	14.3	11.8	19.5	18.1	15.6	12.7	21.3	20.8	17.2	13.8
	TC	17.9	19.5	21.6	23.6	19.2	20.5	22.6	24.7	20.9	21.7	23.8	25.8
95	KW	1.66	1.68	1.70	1.71	1.67	1.69	1.70	1.71	1.69	1.70	1.70	1.71
	CMP	1.45	1.47	1.49	1.50	1.44	1.46	1.47	1.48	1.43	1.44	1.44	1.45
	LDB	43.1	46.9	51.7	57.1	46.8	49.5	54.2	59.4	51.9	52.8	57.8	62.6
	LWB	40.4	45.7	50.8	56.2	42.3	47.9	53.0	58.5	44.8	50.6	55.8	61.3
	TCG	17.4	18.8	20.8	22.9	18.7	19.7	21.9	24.2	20.4	21.0	23.0	25.1
	SHG	17.4	16.1	13.8	11.5	18.7	17.7	15.1	12.4	20.4	20.3	16.7	13.4
105	TC	17.2	18.5	20.6	22.6	18.4	19.4	21.5	23.9	20.0	20.6	22.6	24.7
	KW	1.85	1.87	1.90	1.91	1.87	1.88	1.90	1.91	1.89	1.90	2.05	2.06
	CMP	1.64	1.66	1.69	1.70	1.64	1.65	1.67	1.68	1.63	1.64	1.79	1.80
	LDB	44.7	47.7	52.6	57.8	48.2	50.2	55.0	59.9	53.1	53.4	58.4	63.1
	LWB	41.2	46.6	51.7	57.0	43.0	48.7	53.8	59.0	45.4	51.3	56.5	61.8
	TCG	16.6	17.6	19.6	21.9	17.8	18.4	20.7	22.9	19.5	19.6	21.8	23.7
115	SHG	16.6	15.6	13.4	11.1	17.8	17.2	14.6	12.0	19.5	19.6	16.9	13.1
	TC	16.3	17.4	19.4	21.6	17.5	18.1	20.3	22.6	19.0	19.2	21.4	23.3
	KW	2.06	2.08	2.11	2.12	2.08	2.09	2.12	2.13	2.11	2.11	2.12	2.13
	CMP	1.85	1.87	1.90	1.91	1.85	1.86	1.89	1.90	1.85	1.85	1.86	1.87
	LDB	46.4	48.7	53.6	58.6	49.8	51.1	55.8	60.7	54.3	54.3	58.2	63.5
	LWB	42.1	47.7	52.7	57.8	43.8	49.7	54.6	59.8	46.0	52.1	57.1	62.4
125	TCG	15.6	16.3	18.3	20.6	16.8	17.1	19.2	21.3	18.4	18.5	20.1	22.4
	SHG	15.6	15.0	12.8	10.8	16.8	16.6	14.1	11.3	18.4	18.4	15.9	12.5
	TC	15.4	16.0	18.0	20.3	16.5	16.7	18.9	21.0	17.9	18.0	19.7	22.0
	KW	2.28	2.30	2.34	2.36	2.30	2.31	2.35	2.36	2.34	2.34	2.36	2.36
	CMP	2.07	2.09	2.13	2.15	2.07	2.08	2.12	2.13	2.08	2.08	2.10	2.10
	LDB	48.3	49.9	54.6	59.2	51.5	52.0	56.7	61.7	55.8	55.8	59.4	64.3
125	LWB	43.1	49.0	53.8	58.7	44.7	50.8	55.6	60.8	46.7	52.7	57.9	63.0
	TCG	14.5	14.7	16.8	19.0	15.7	15.7	17.5	19.7	17.1	17.1	18.5	20.7
	SHG	14.5	14.4	12.3	10.1	15.7	15.7	13.5	10.8	17.1	17.1	15.4	11.9
	TC	14.3	14.5	16.6	18.8	15.3	15.4	17.2	19.4	16.7	16.7	18.1	20.3
	KW	2.52	2.53	2.58	2.60	2.55	2.55	2.59	2.60	2.58	2.58	2.60	2.61
	CMP	2.31	2.32	2.37	2.39	2.32	2.32	2.36	2.37	2.32	2.32	2.34	2.35
125	LDB	50.6	51.1	55.7	60.4	53.5	53.5	57.7	62.6	57.5	57.6	60.2	65.0
	LWB	44.2	50.4	55.1	59.9	45.6	51.8	56.8	61.7	47.5	53.5	58.7	63.8

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38QRF030 with 40KMQ03036

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		635 / 0.05				720/0.05				875/0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	27.9	30.4	32.9	35.0	29.2	31.4	33.8	35.8	31.0	32.8	34.9	36.6
	SHG	26.6	24.1	20.9	17.5	27.6	25.6	21.9	18.2	31.0	28.1	23.4	19.1
	TC	27.4	29.9	32.4	34.5	28.6	30.8	33.2	35.2	30.3	32.0	34.1	35.9
	KW	1.63	1.63	1.64	1.65	1.63	1.64	1.65	1.65	1.64	1.64	1.65	1.65
	CMP	1.20	1.21	1.22	1.23	1.17	1.18	1.19	1.19	1.14	1.14	1.15	1.15
	LDB	42.4	46.2	51.2	56.5	45.6	48.4	53.4	58.5	48.3	51.6	56.8	61.5
LWB	39.0	44.3	49.8	55.8	40.7	46.2	51.7	57.7	43.1	48.8	54.4	60.3	
65	TCG	27.3	29.5	32.2	34.7	28.3	30.5	33.2	35.5	30.4	31.9	34.4	36.3
	SHG	26.0	23.8	20.7	17.3	28.3	25.4	21.8	18.0	30.4	28.1	23.6	18.9
	TC	26.8	29.0	31.7	34.2	27.7	29.9	32.6	34.9	29.7	31.2	33.6	35.6
	KW	1.81	1.82	1.82	1.84	1.81	1.82	1.83	1.84	1.82	1.82	1.83	1.84
	CMP	1.39	1.39	1.40	1.41	1.35	1.36	1.37	1.38	1.32	1.32	1.33	1.34
	LDB	43.2	46.7	51.5	56.6	44.7	48.7	53.6	58.7	48.9	51.6	56.6	61.7
LWB	39.5	44.9	50.3	55.9	41.2	46.7	52.1	57.8	43.4	49.1	54.6	60.4	
75	TCG	26.2	28.6	31.1	34.0	27.6	29.3	32.1	34.8	29.6	30.7	33.5	35.9
	SHG	26.2	23.2	20.2	17.1	27.6	24.9	21.5	17.8	29.6	27.6	23.4	18.9
	TC	25.7	28.1	30.6	33.5	26.9	28.7	31.5	34.2	28.8	29.9	32.7	35.1
	KW	2.01	2.02	2.03	2.04	2.02	2.02	2.03	2.04	2.02	2.03	2.04	2.05
	CMP	1.59	1.60	1.60	1.61	1.56	1.56	1.57	1.58	1.52	1.53	1.54	1.55
	LDB	43.0	47.6	52.2	57.0	45.7	49.3	54.0	59.0	49.8	52.1	56.7	61.7
LWB	40.3	45.6	50.9	56.3	41.7	47.4	52.6	58.1	43.8	49.7	55.0	60.6	
85	TCG	25.1	27.1	29.8	32.8	26.5	28.0	30.8	33.7	28.5	29.3	32.1	34.9
	SHG	25.1	22.9	19.7	16.6	26.5	24.6	21.0	17.4	28.5	27.0	23.0	18.7
	TC	24.6	26.6	29.3	32.3	25.9	27.4	30.2	33.1	27.8	28.5	31.3	34.1
	KW	2.24	2.25	2.26	2.27	2.24	2.25	2.26	2.27	2.25	2.25	2.26	2.28
	CMP	1.81	1.82	1.83	1.85	1.78	1.79	1.80	1.81	1.75	1.75	1.76	1.78
	LDB	44.4	47.9	52.9	57.7	47.1	49.7	54.6	59.5	50.9	52.7	57.2	62.0
LWB	41.1	46.6	51.7	57.0	42.4	48.2	53.3	58.7	44.3	50.4	55.6	60.9	
95	TCG	24.0	25.5	28.3	31.3	25.3	26.4	29.2	32.2	27.2	27.8	30.0	33.3
	SHG	24.0	22.2	19.2	16.0	25.3	23.8	20.4	16.8	27.2	26.4	21.8	18.1
	TC	23.5	25.0	27.8	30.8	24.7	25.8	28.6	31.6	26.5	27.0	29.2	32.6
	KW	2.47	2.49	2.51	2.52	2.49	2.49	2.51	2.53	2.50	2.50	2.65	2.66
	CMP	2.04	2.06	2.08	2.10	2.03	2.03	2.05	2.07	2.00	2.00	2.15	2.16
	LDB	46.1	48.9	53.6	58.5	48.6	50.6	55.4	60.1	52.3	53.3	57.8	62.5
LWB	41.9	47.6	52.6	57.8	43.2	49.1	54.1	59.3	45.0	51.0	56.3	61.5	
105	TCG	22.7	23.8	26.6	29.5	24.0	24.7	27.4	30.5	25.8	26.3	28.6	31.6
	SHG	22.7	21.4	18.4	15.3	24.0	23.0	19.7	16.2	25.8	24.9	21.8	17.6
	TC	22.2	23.3	26.1	29.1	23.4	24.0	26.8	29.9	25.0	25.6	27.8	30.8
	KW	2.72	2.73	2.77	2.79	2.73	2.75	2.78	2.80	2.76	2.77	2.79	2.81
	CMP	2.29	2.31	2.35	2.37	2.27	2.29	2.32	2.34	2.26	2.27	2.29	2.31
	LDB	47.9	50.0	54.6	59.5	50.3	51.6	56.2	61.0	53.8	54.8	58.4	63.0
LWB	42.9	48.7	53.6	58.7	44.0	50.0	55.1	60.1	45.7	51.7	57.0	62.1	
115	TCG	21.3	22.0	24.6	27.6	22.5	22.9	25.4	28.4	24.2	24.2	26.4	29.4
	SHG	21.3	20.5	17.6	14.6	22.5	21.9	18.9	15.5	24.2	24.2	21.0	16.8
	TC	20.8	21.5	24.1	27.1	21.9	22.3	24.8	27.8	23.5	23.5	25.7	28.7
	KW	2.99	3.00	3.05	3.09	3.01	3.01	3.06	3.10	3.03	3.03	3.07	3.10
	CMP	2.56	2.57	2.62	2.66	2.55	2.55	2.60	2.64	2.53	2.53	2.57	2.60
	LDB	49.9	51.2	55.7	60.4	52.1	53.1	57.2	61.8	55.4	55.5	59.2	63.8
LWB	43.9	49.9	54.8	59.7	44.9	51.0	56.1	61.0	46.5	52.6	57.8	62.9	
125	TCG	19.8	20.2	22.4	25.4	20.9	20.9	23.1	26.1	22.5	22.5	24.1	27.1
	SHG	19.8	19.3	16.8	13.8	20.9	20.9	18.0	14.6	22.5	22.5	20.1	16.0
	TC	19.3	19.7	21.9	24.9	20.3	20.3	22.5	25.5	21.7	21.7	23.3	26.3
	KW	3.28	3.29	3.33	3.40	3.30	3.30	3.35	3.41	3.33	3.33	3.37	3.42
	CMP	2.85	2.86	2.91	2.97	2.84	2.84	2.89	2.95	2.83	2.83	2.87	2.92
	LDB	52.1	53.0	57.0	61.5	54.2	54.3	58.2	62.8	57.3	57.3	60.1	64.6
LWB	44.9	51.0	56.0	60.9	45.9	52.1	57.2	62.1	47.4	53.4	58.7	63.7	

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

- Direct interpolation is permissible. Do not extrapolate.
- The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)

Cooling Capacities

38QRF035 with 40KMQ03036

Temp (F) Air Entering Condenser (Edb)		Air Entering Evaporator - Cfm/BF											
		635 / 0.05				720/0.05				875/0.05			
		Air Entering Evaporator - Ewb (F)											
		57	62	67	72	57	62	67	72	57	62	67	72
55	TCG	31.5	34.4	37.4	40.6	32.8	35.7	38.9	41.8	35.1	37.6	40.6	43.0
	SHG	29.3	26.3	23.1	19.9	31.1	28.0	24.5	20.7	33.1	30.7	26.4	21.7
	TC	31.0	33.9	36.9	40.1	32.2	35.1	38.3	41.1	34.3	36.9	39.8	42.3
	KW	1.90	1.90	1.91	1.93	1.90	1.91	1.92	1.93	1.91	1.91	1.93	1.94
	CMP	1.47	1.48	1.49	1.50	1.44	1.45	1.46	1.47	1.41	1.41	1.43	1.44
	LDB	38.5	43.2	48.0	53.0	41.3	45.5	50.3	55.5	46.1	48.9	53.8	58.9
65	LWB	36.2	41.4	46.9	52.5	38.2	43.5	48.9	54.8	40.9	46.4	52.0	57.9
	TCG	30.6	33.3	36.4	39.6	31.8	34.6	37.7	40.9	33.9	36.4	39.4	42.4
	SHG	29.0	25.8	22.7	19.5	30.4	27.5	24.0	20.3	33.9	30.2	25.9	21.5
	TC	30.1	32.8	35.9	39.1	31.2	34.0	37.1	40.2	33.2	35.6	38.7	41.6
	KW	2.12	2.13	2.14	2.16	2.12	2.14	2.15	2.16	2.13	2.14	2.15	2.17
	CMP	1.70	1.71	1.72	1.73	1.66	1.68	1.69	1.70	1.63	1.64	1.65	1.67
75	LDB	38.8	43.8	48.7	53.7	42.1	46.1	50.9	55.9	45.3	49.4	54.2	59.1
	LWB	36.9	42.2	47.6	53.1	38.9	44.2	49.6	55.2	41.5	47.0	52.5	58.1
	TCG	29.3	32.1	35.2	38.4	30.5	33.2	36.4	39.6	33.0	35.0	38.1	41.0
	SHG	28.2	25.3	22.1	18.9	30.5	26.9	23.4	19.8	33.0	29.8	25.5	21.0
	TC	28.8	31.6	34.7	37.9	29.9	32.6	35.8	39.0	32.2	34.2	37.3	40.3
	KW	2.37	2.38	2.40	2.41	2.37	2.39	2.40	2.42	2.38	2.39	2.41	2.42
85	CMP	1.94	1.96	1.97	1.99	1.91	1.93	1.94	1.96	1.88	1.89	1.91	1.92
	LDB	40.0	44.5	49.5	54.4	42.0	46.8	51.6	56.6	46.3	49.8	54.7	59.6
	LWB	37.9	43.1	48.4	53.8	39.8	45.1	50.3	55.8	42.0	47.7	53.1	58.6
	TCG	27.7	30.5	33.7	37.0	29.2	31.7	34.9	38.2	31.6	33.2	36.5	39.6
	SHG	27.5	24.6	21.5	18.3	29.2	26.4	22.8	19.2	31.6	29.2	24.9	20.5
	TC	27.2	30.0	33.2	36.5	28.6	31.0	34.3	37.6	30.8	32.5	35.8	38.9
95	KW	2.62	2.65	2.67	2.69	2.64	2.66	2.68	2.70	2.66	2.67	2.69	2.71
	CMP	2.19	2.23	2.25	2.27	2.18	2.20	2.22	2.24	2.16	2.17	2.19	2.21
	LDB	41.0	45.5	50.4	55.3	43.6	47.5	52.4	57.3	47.7	50.4	55.2	60.1
	LWB	39.2	44.2	49.3	54.6	40.7	46.0	51.1	56.5	42.8	48.5	53.7	59.2
	TCG	26.2	28.6	31.9	35.4	27.8	29.7	33.0	36.5	30.1	31.3	34.2	37.9
	SHG	26.2	23.7	20.8	17.6	27.8	25.5	22.1	18.5	30.1	28.4	23.8	19.9
105	TC	25.7	28.1	31.4	34.9	27.2	29.1	32.4	35.9	29.3	30.5	33.4	37.2
	KW	2.90	2.93	2.98	3.00	2.92	2.95	2.98	3.00	2.95	2.97	3.03	3.05
	CMP	2.47	2.51	2.55	2.57	2.46	2.49	2.52	2.54	2.45	2.47	2.53	2.55
	LDB	42.8	46.7	51.4	56.3	45.4	48.6	53.3	58.1	49.3	51.3	56.1	60.7
	LWB	40.3	45.5	50.4	55.6	41.6	47.1	52.1	57.3	43.6	49.5	54.6	59.8
	TCG	24.7	26.6	29.8	33.2	26.2	27.6	30.9	34.4	28.4	29.0	32.3	35.9
115	SHG	24.7	22.8	19.9	16.8	26.2	24.5	21.2	17.7	28.4	27.4	23.4	19.2
	TC	24.2	26.1	29.3	32.8	25.6	27.0	30.2	33.8	27.6	28.3	31.6	35.1
	KW	3.20	3.23	3.29	3.32	3.22	3.25	3.30	3.33	3.26	3.27	3.32	3.34
	CMP	2.78	2.81	2.87	2.84	2.76	2.79	2.84	2.87	2.76	2.77	2.82	2.84
	LDB	45.0	48.1	52.6	57.3	47.5	49.8	54.3	59.1	51.1	52.3	56.8	61.5
	LWB	41.4	46.9	51.7	56.6	42.6	48.4	53.3	58.3	44.4	50.5	55.5	60.6
125	TCG	23.0	24.3	27.5	31.0	24.4	25.3	28.4	32.0	26.5	27.0	29.7	33.4
	SHG	23.0	21.7	18.9	15.9	24.4	23.4	20.2	16.8	26.5	25.7	22.4	18.2
	TC	22.5	23.8	27.0	30.5	23.8	24.6	27.8	31.4	25.7	26.3	29.0	32.6
	KW	3.53	3.55	3.61	3.68	3.55	3.57	3.63	3.69	3.59	3.60	3.66	3.70
	CMP	3.10	3.13	3.19	3.26	3.09	3.11	3.17	3.23	3.09	3.10	3.16	3.20
	LDB	47.5	49.6	54.0	58.6	49.7	51.2	55.6	60.2	53.1	54.0	57.8	62.4
135	LWB	42.6	48.4	53.1	58.0	43.8	49.7	54.6	59.4	45.4	51.4	56.5	61.5
	TCG	21.2	21.8	24.8	28.3	22.5	23.0	25.7	29.2	24.4	24.4	26.9	30.5
	SHG	21.2	20.6	17.8	14.9	22.5	21.9	19.1	15.8	24.4	24.4	21.2	17.2
	TC	20.7	21.3	24.4	27.8	21.9	22.4	25.1	28.6	23.6	23.7	26.1	29.8
	KW	3.88	3.90	3.96	4.04	3.91	3.92	3.98	4.06	3.95	3.95	4.00	4.07
	CMP	3.46	3.47	3.54	3.62	3.45	3.46	3.52	3.60	3.45	3.45	3.50	3.57
145	LDB	50.1	51.2	55.5	60.0	52.2	53.0	56.9	61.4	55.2	55.3	58.9	63.3
	LWB	44.0	50.0	54.6	59.4	45.0	51.0	55.9	60.7	46.4	52.5	57.6	62.5

Rating Condition

*Refer to Systems Index Table on page

Not recommended for long-term operation

NOTES:

1. Direct interpolation is permissible. Do not extrapolate.
2. The SHG is based on 80 F edb temperature of air entering indoor coil.
Below 80 F edb, subtract (corr factor x cfm) from SHG.
Above 80 F edb, add (corr factor x cfm) to SHG.
Correction Factor = $1.10 \times (1 - BF) \times (edb - 80)$.

LEGEND

BF - Bypass Factor
 CMP - Compressor
 Edb - Entering Dry Bulb
 Ewb - Entering Wet Bulb
 kW - Total Power
 LDB - Leaving Dry Bulb
 LWB - Leaving Wet Bulb
 SHG - Gross Sensible Capacity (1000 Btu/hour)
 TC - Total Net Cooling Capacity (1000 Btu/hour)
 TCG - Gross Cooling Capacity (1000 Btu/hour)