Comfortmaker®
Air Conditioning & Heating

PAPA Series
SPECIFICATIONS
10 SEER
PACKAGE AIR CONDITIONER
2 THRU 5 TONS

MOBILE HOME UNIT FEATURES

CONSTRUCTED FOR DURABILITY
- All panels made from galvanized steel pre-coated inside and out - using a polyester top coat, on a urethane primer, over an oxide pre-treatment
- All coils made from copper tube and aluminum fins
- Painted base with embossed support rails
- Embossed water dam in base - prevents water migration to indoor section from condenser area
- Protective coil guard - standard

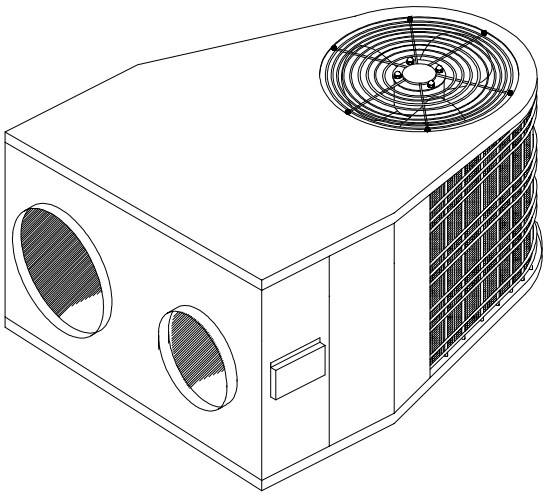
EASY MAINTENANCE
- Slide out blower assembly for easy maintenance
- External gauge ports
- All electrical controls behind one access panel
- One panel allows access to clean evaporator and service all refrigeration components

QUALITY PERFORMANCE & RELIABILITY
- Pre-painted condenser coil - provides greater corrosion resistance
- Plastic drain pan - minimizes residual condensate for improved humidity control and air quality

DESIGNED FOR EASY INSTALLATION
- Designed for mobile home and permanent residence applications
- Round duct flanges with retainer bead for easy flex duct connection
- Low 26-1/2″ height (max. 17″ duct height) allows installation in tight spaces
- Multi-speed blower motor - adjustable to varying application requirements

DEPENDABLE WARRANTY
- 5 years on all parts / 5 year compressor

ACCESSORIES
- Slip in electric heaters available with or without breakers
- Flexible duct & duct adder kits to adapt to most applications
- Unit disconnect switch - may eliminate need for field mounted disconnect (*consult local codes)



Listed By Underwriters' Laboratories

Rated in accordance with ARI Standard 210. Certification applies only when used with proper components as listed with ARI.

WARRANTIES: (LIMITED)
Standard warranties of all parts are extended for a period of five years. The compressor and condenser coil are guaranteed for a period of five years against defects in workmanship or materials. Limited warranties applicable to this equipment are set forth in the Manufacturer's published warranty statement, which is available from our office (address on this literature) and from local distributors of our products in your area (see you phone directory).

International Comfort Products
650 Heil-Quaker Avenue, Lewisburg, TN 37091

426 41 1001 01
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UNIT SPECIFICATIONS

MODEL COOLING TONNAGE			PAPA24GA	PAPA30GA	PAPA36GA	PAPA42GA	PAPA48GA	PAPA60GA
Electrical	208/230 Volt Data (Phase-Hz)		1-60	1-60	1-60	1-60	1-60	1-60
Data:	Time Delay Fuse		20	25	30	35	45	60
	Max. Fuse / HACR Breaker		30	35	40	60	60	70
	Ampacity		16.78	20.87	23.51	29.87	36.49	45.0
Condenser	Coil	Total Face Area (Sq. Ft.)	10.3	10.3	10.3	10.3	10.3	10.3
Data:		Fins Per In. - Rows	16-1	16-1	16-1 1/2	16-1 1/2	18-1 1/2	18-2
		Tube Dia. (In.)	3/8	3/8	3/8	3/8	3/8	3/8
	Fan	H.P. / Type	1/6 / PSC	1/3 / PSC	1/3 / PSC	1/3 / PSC	1/3 / PSC	1/3 / PSC
	Motor:	Full Load Amps.	.8	.8	1.4	1.4	1.7	1.7
		Lock Rotor Amps.	1.72	1.72	3.57	3.57	5.0	5.0
	Fan:	Size (Dia.) (In.)	20.375	20.375	20.375	20.375	20.375	20.375
		RPM (Max.)	1100	1100	1100	1100	1100	1100
Evaporator	Coil	Total Face Area (Sq. Ft.)	4	4	4	4	4	4
Data		Fins Per In. - Rows	14-2	14-3	14-3	14-3	14-4	14-4
		Tube Dia. (In.)	3/8	3/8	3/8	3/8	3/8	3/8
	Blower	H.P / Type / Speeds	1/4 / PSC / 4	1/3 / PSC / 4	1/2 / PSC / 4	1/2 / PSC / 4	1 / PSC / 4	1 / PSC / 2
	Motor:	Full Load Amps	1.4	2.2	3.1	3.1	6.3	4.9
		Locked Rotor Amps	3.1	5.6	7.4	7.4	13.2	13.0
	Blower	Type / Size	DD10 / 6	DD10 / 6	DD10 / 8	DD10 / 8	DD10 / 8	DD11 / 8
		CFM (Rated)	800	1000	1200	1400	1650	1900
		RPM (Max.)	1075	1075	1075	1075	1075	1075
Compressor	Full Load Amps.		12.4	13.7	16.6	20.7	24.3	30.7
Data:	Locked Rotor Amps.		61	75	96	127	131	169
Factory Refrigerant Charge (Type R-22)			58 oz.	58 oz.	84 oz.	82 oz.	81 oz.	91 oz.
Weights	Shipping		N/A	N/A	N/A	N/A	N/A	N/A

UNIT PERFORMANCE DATA

Model No.	Capacity BTUH	Sensible / Total Ratio	S.E.E.R.	E.E.R.	Power Input Watts	Evaporator Rated Air Flow CFM
PAPA24GA	22,800	.77	10.05	8.75	2610	800
PAPA30GA	28,500	.77	10.05	8.90	3190	1000
PAPA36GA	34,000	.78	10.05	8.96	3780	1200
PAPA42GA	40,000	.78	10.05	8.88	4520	1400
PAPA48GA	45,000	.80	10.05	8.79	5120	1600
PAPA60GA	57,000	.76	10.00	8.3	6867	1900

BLOWER PERFORMANCE DATA

MODEL NUMBER		PAPA24GA			PAPA30GA			PAPA36/42AKA				PAPA48GA			PAPA60GA	
Blower Speed		Med Lo	Med Hi	Hi	Med Lo	Med Hi	Hi	Lo	Med Lo	Med Hi	Hi	Med Lo	Med Hi	Hi	Med Hi	Hi
AIR DELIVERY IN	.25	767	901	1070	976	1069	1130	1208	1373	1471	1589	1707	1827	1904	1919	2214
CFM	.35	759	887	1053	946	1023	1086	1190	1337	1427	1540	1651	1759	1822	1878	2139
VARYING EXT.	.45	747	875	1028	946	982	1033	1176	1292	1379	1467	1577	1670	1736	1837	2050
STATIC	.55	718	856	994	910	927	973	1137	1260	1329	1411	1497	1572	1635	1789	1948
PRESSURE (IN. W.C.)	.65	672	826	944	863	863	901	1085	1186	1256	1319	1417	1478	1530	1737	1866
	.75	671	737	884	805	781	817	1019	1109	1181	1235	1322	1377	1411	1692	1808

Air delivery against shown external static pressures taken with 230V. to unit, dry coil and equipped with approved heater. For wet coil sadd .05" W.C to Ext. Static Press. measurement.
NOTE: For 208 Volt applications, reduce airflow by 15%.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA – PAPA24GA

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	896	MBh	22.3	23.2	25.4	-	21.8	22.6	24.8	-	21.3	22.1	24.2	-	20.8	21.5	23.6	-	19.7	20.5	22.4	-	18.3	19.0	20.8	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		KW	2.04	2.08	2.15	-	2.19	2.24	2.31	-	2.33	2.38	2.46	-	2.45	2.51	2.59	-	2.55	2.61	2.70	-	2.64	2.70	2.79	-
	800	MBh	21.7	22.5	24.6	-	21.2	22.0	24.1	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.2	19.9	21.8	-	17.8	18.4	20.2	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		KW	2.02	2.06	2.13	-	2.18	2.22	2.29	-	2.31	2.36	2.44	-	2.43	2.49	2.57	-	2.53	2.59	2.68	-	2.62	2.68	2.77	-
	784	MBh	20.6	21.4	23.4	-	20.1	20.9	22.9	-	19.6	20.4	22.3	-	19.2	19.9	21.8	-	18.2	18.9	20.7	-	16.9	17.5	19.2	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		KW	1.99	2.03	2.09	-	2.14	2.19	2.26	-	2.27	2.32	2.40	-	2.39	2.44	2.52	-	2.49	2.55	2.63	-	2.58	2.64	2.72	-
75	896	MBh	22.7	23.4	25.3	27.2	22.2	22.8	24.7	26.5	21.7	22.3	24.1	25.9	21.1	21.8	23.6	25.3	20.1	20.7	22.4	24.0	18.6	19.1	20.7	22.2
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		KW	2.05	2.10	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.40	2.48	2.56	2.47	2.53	2.61	2.70	2.58	2.63	2.72	2.81	2.67	2.73	2.82	2.91
	800	MBh	22.1	22.7	24.6	26.4	21.5	22.2	24.0	25.8	21.0	21.7	23.4	25.2	20.5	21.1	22.9	24.5	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		KW	2.04	2.08	2.15	2.21	2.19	2.24	2.31	2.39	2.33	2.38	2.46	2.54	2.45	2.51	2.59	2.67	2.56	2.61	2.70	2.79	2.64	2.70	2.79	2.89
	784	MBh	21.0	21.6	23.4	25.1	20.5	21.1	22.8	24.5	20.0	20.6	22.3	23.9	19.5	20.1	21.7	23.3	18.5	19.1	20.6	22.2	17.2	17.7	19.1	20.5
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		KW	2.01	2.05	2.11	2.18	2.16	2.20	2.27	2.35	2.29	2.34	2.42	2.50	2.41	2.46	2.55	2.63	2.51	2.57	2.65	2.74	2.60	2.66	2.75	2.84
80	896	MBh	23.1	23.6	25.2	27.0	22.6	23.1	24.7	26.4	22.0	22.5	24.1	25.7	21.5	22.0	23.5	25.1	20.4	20.9	22.3	23.8	18.9	19.3	20.7	22.1
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		KW	2.07	2.11	2.18	2.25	2.23	2.28	2.35	2.43	2.37	2.42	2.50	2.58	2.49	2.55	2.63	2.72	2.60	2.66	2.74	2.84	2.69	2.75	2.84	2.94
	800	MBh	22.5	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3	21.7	23.2	18.4	18.8	20.1	21.4
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		KW	2.05	2.10	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.40	2.48	2.56	2.47	2.53	2.61	2.70	2.58	2.63	2.72	2.81	2.67	2.73	2.82	2.91
	784	MBh	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.8	22.2	23.7	19.8	20.3	21.7	23.2	18.8	19.3	20.6	22.0	17.5	17.8	19.1	20.4
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.01	0.95	0.77	0.58
		KW	2.02	2.06	2.13	2.20	2.18	2.22	2.29	2.37	2.31	2.36	2.44	2.52	2.43	2.49	2.57	2.65	2.53	2.59	2.68	2.77	2.62	2.68	2.77	2.86
85	896	MBh	23.5	24.0	25.1	26.8	23.0	23.4	24.5	26.2	22.4	22.9	24.0	25.6	21.9	22.3	23.4	24.9	20.8	21.2	22.2	23.7	19.3	19.6	20.6	21.9
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		KW	2.09	2.13	2.20	2.27	2.25	2.30	2.37	2.45	2.39	2.44	2.52	2.60	2.51	2.57	2.65	2.74	2.62	2.68	2.77	2.86	2.71	2.77	2.87	2.96
	800	MBh	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.2	21.7	22.7	24.2	20.2	20.6	21.6	23.0	18.7	19.1	20.0	21.3
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		KW	2.07	2.11	2.18	2.25	2.23	2.28	2.35	2.43	2.37	2.42	2.50	2.58	2.49	2.55	2.63	2.72	2.60	2.66	2.74	2.84	2.69	2.75	2.84	2.94
	784	MBh	21.7	22.1	23.2	24.7	21.2	21.6	22.6	24.1	20.7	21.1	22.1	23.6	20.2	20.6	21.6	23.0	19.2	19.5	20.5	21.8	17.8	18.1	19.0	20.2
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		KW	2.04	2.08	2.15	2.21	2.19	2.24	2.31	2.39	2.33	2.38	2.46	2.54	2.45	2.51	2.59	2.67	2.55	2.61	2.70	2.79	2.64	2.70	2.79	2.89

EXPANDED PERFORMANCE DATA – PAPA30GA

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1120	MBh	27.9	28.9	31.7	-	27.3	28.3	31.0	-	26.6	27.6	30.2	-	26.0	26.9	29.5	-	24.7	25.6	28.0	-	22.9	23.7	26.0	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		KW	2.49	2.55	2.63	-	2.68	2.74	2.83	-	2.85	2.91	3.01	-	3.00	3.06	3.16	-	3.12	3.19	3.30	-	3.23	3.30	3.41	-
	1000	MBh	27.1	28.1	30.8	-	26.5	27.4	30.1	-	25.9	26.8	29.4	-	25.2	26.1	28.6	-	24.0	24.8	27.2	-	22.2	23.0	25.2	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		KW	2.47	2.53	2.60	-	2.66	2.72	2.80	-	2.83	2.89	2.98	-	2.97	3.04	3.14	-	3.10	3.17	3.27	-	3.20	3.28	3.38	-
	880	MBh	25.8	26.7	29.3	-	25.2	26.1	28.6	-	24.6	25.5	27.9	-	24.0	24.8	27.2	-	22.8	23.6	25.8	-	21.1	21.9	23.9	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		KW	2.44	2.49	2.56	-	2.62	2.67	2.76	-	2.78	2.84	2.93	-	2.92	2.99	3.09	-	3.05	3.11	3.21	-	3.15	3.22	3.33	-
75	1120	MBh	28.4	29.2	31.7	34.0	27.7	28.6	30.9	33.2	27.1	27.9	30.2	32.4	26.4	27.2	29.4	31.6	25.1	25.8	28.0	30.0	23.2	23.9	25.9	27.8
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		KW	2.51	2.57	2.65	2.73	2.71	2.76	2.85	2.94	2.87	2.94	3.03	3.13	3.02	3.09	3.19	3.30	3.15	3.22	3.32	3.44	3.26	3.33	3.44	3.56
	1000	MBh	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	26.3	27.1	29.3	31.4	25.7	26.4	28.6	30.7	24.4	25.1	27.2	29.1	22.6	23.2	25.2	27.0
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		KW	2.49	2.55	2.63	2.71	2.68	2.74	2.83	2.92	2.85	2.91	3.01	3.10	3.00	3.06	3.16	3.27	3.12	3.19	3.30	3.41	3.23	3.30	3.41	3.53
	880	MBh	26.2	27.0	29.2	31.3	25.6	26.3	28.5	30.6	25.0	25.7	27.8	29.9	24.4	25.1	27.2	29.1	23.1	23.8	25.8	27.7	21.4	22.1	23.9	25.6
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		KW	2.46	2.51	2.58	2.67	2.64	2.70	2.78	2.87	2.80	2.86	2.96	3.05	2.95	3.01	3.11	3.21	3.07	3.14	3.24	3.35	3.18	3.25	3.36	3.47
80	1120	MBh	28.9	29.5	31.6	33.7	28.2	28.9	30.8	32.9	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	25.5	26.1	27.9	29.8	23.7	24.2	25.8	27.6
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		KW	2.53	2.59	2.67	2.75	2.73	2.79	2.87	2.97	2.90	2.96	3.06	3.16	3.05	3.11	3.22	3.32	3.18	3.25	3.35	3.47	3.29	3.36	3.47	3.59
	1000	MBh	28.1	28.7	30.6	32.8	27.4	28.0	29.9	32.0	26.8	27.3	29.2	31.2	26.1	26.7	28.5	30.5	24.8	25.3	27.1	28.9	23.0	23.5	25.1	26.8
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		KW	2.51	2.57	2.65	2.73	2.71	2.76	2.85	2.94	2.87	2.94	3.03	3.13	3.02	3.09	3.19	3.30	3.15	3.22	3.33	3.44	3.26	3.33	3.44	3.56
	880	MBh	26.7	27.2	29.1	31.1	26.0	26.6	28.4	30.4	25.4	26.0	27.8	29.7	24.8	25.3	27.1	28.9	23.6	24.1	25.7	27.5	21.8	22.3	23.8	25.5
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.01	0.95	0.77	0.58
		KW	2.47	2.53	2.60	2.69	2.66	2.72	2.80	2.90	2.83	2.89	2.98	3.08	2.97	3.04	3.14	3.24	3.10	3.17	3.27	3.38	3.20	3.28	3.38	3.50
85	1120	MBh	29.4	30.0	31.4	33.5	28.7	29.3	30.7	32.7	28.0	28.6	29.9	31.9	27.4	27.9	29.2	31.2	26.0	26.5	27.7	29.6	24.1	24.5	25.7	27.4
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		KW	2.55	2.61	2.69	2.78	2.75	2.81	2.90	2.99	2.92	2.98	3.08	3.18	3.07	3.14	3.24	3.35	3.20	3.27	3.38	3.49	3.31	3.39	3.50	3.62
	1000	MBh	28.6	29.1	30.5	32.5	27.9	28.4	29.8	31.8	27.2	27.8	29.1	31.0	26.6	27.1	28.4	30.3	25.2	25.7	26.9	28.7	23.4	23.8	25.0	26.6
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		KW	2.53	2.59	2.67	2.75	2.73	2.79	2.87	2.97	2.90	2.96	3.06	3.16	3.05	3.11	3.22	3.32	3.18	3.25	3.35	3.47	3.29	3.36	3.47	3.59
	880	MBh	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.2	25.9	26.4	27.6	29.5	25.2	25.7	26.9	28.7	24.0	24.4	25.6	27.3	22.2	22.6	23.7	25.3
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		KW	2.49	2.55	2.63	2.71	2.68	2.74	2.83	2.92	2.85	2.91	3.01	3.10	3.00	3.06	3.16	3.27	3.12	3.19	3.30	3.41	3.23	3.30	3.41	3.53

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA - PAPA36GA

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1344	MBh	33.3	34.5	37.8	-	32.5	33.7	37.0	-	31.8	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		KW	2.97	3.03	3.13	-	3.19	3.26	3.36	-	3.39	3.46	3.57	-	3.56	3.63	3.75	-	3.70	3.78	3.90	-	3.83	3.91	4.04	-
	1200	MBh	32.3	33.5	36.7	-	31.6	32.7	35.9	-	30.8	32.0	35.0	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		KW	2.95	3.01	3.10	-	3.17	3.23	3.33	-	3.36	3.43	3.54	-	3.53	3.60	3.72	-	3.67	3.75	3.87	-	3.80	3.88	4.00	-
	1056	MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.1	30.8	-	25.2	26.1	28.6	-
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-
		KW	2.91	2.96	3.05	-	3.12	3.18	3.28	-	3.31	3.38	3.48	-	3.47	3.55	3.66	-	3.61	3.69	3.81	-	3.74	3.82	3.94	-
75	1344	MBh	33.9	34.9	37.8	40.5	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.6	31.5	32.5	35.1	37.7	29.9	30.8	33.4	35.8	27.7	28.6	30.9	33.2
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
		KW	3.00	3.06	3.15	3.25	3.22	3.29	3.39	3.49	3.41	3.49	3.60	3.71	3.59	3.66	3.78	3.90	3.73	3.81	3.94	4.07	3.86	3.94	4.07	4.21
	1200	MBh	32.9	33.9	36.7	39.3	32.1	33.1	35.8	38.4	31.4	32.3	35.0	37.5	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
		KW	2.97	3.03	3.13	3.22	3.19	3.26	3.36	3.47	3.39	3.46	3.57	3.68	3.56	3.63	3.75	3.87	3.70	3.78	3.90	4.03	3.83	3.91	4.04	4.17
	1056	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
		KW	2.93	2.99	3.08	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.64	3.72	3.84	3.97	3.77	3.85	3.97	4.10
80	1344	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.6	28.2	28.8	30.8	32.9
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		KW	3.02	3.08	3.18	3.27	3.24	3.31	3.41	3.52	3.44	3.51	3.62	3.74	3.62	3.69	3.81	3.93	3.76	3.84	3.97	4.10	3.89	3.98	4.11	4.24
	1200	MBh	33.5	34.2	36.6	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.9	37.3	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		KW	3.00	3.06	3.15	3.25	3.22	3.29	3.39	3.49	3.41	3.49	3.60	3.71	3.59	3.66	3.78	3.90	3.73	3.81	3.94	4.07	3.86	3.94	4.07	4.21
	1056	MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58
		KW	2.95	3.01	3.10	3.20	3.17	3.23	3.33	3.44	3.36	3.43	3.54	3.65	3.53	3.60	3.72	3.84	3.67	3.75	3.87	4.00	3.80	3.88	4.00	4.14
85	1344	MBh	35.1	35.8	37.5	40.0	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.7	32.7
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		KW	3.04	3.11	3.20	3.30	3.27	3.34	3.44	3.55	3.47	3.54	3.65	3.77	3.64	3.72	3.84	3.97	3.79	3.88	4.00	4.13	3.92	4.01	4.14	4.28
	1200	MBh	34.1	34.7	36.4	38.8	33.3	33.9	35.5	37.9	32.5	33.1	34.7	37.0	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		KW	3.02	3.08	3.18	3.27	3.24	3.31	3.41	3.52	3.44	3.51	3.62	3.74	3.62	3.69	3.81	3.93	3.76	3.84	3.97	4.10	3.89	3.98	4.11	4.24
	1056	MBh	32.4	33.0	34.5	36.9	31.6	32.2	33.7	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		KW	2.97	3.03	3.13	3.22	3.19	3.26	3.36	3.47	3.39	3.46	3.57	3.68	3.56	3.63	3.75	3.87	3.70	3.78	3.90	4.03	3.83	3.91	4.04	4.17

EXPANDED PERFORMANCE DATA - PAPA42GA

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1568	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		KW	3.55	3.62	3.73	-	3.81	3.89	4.01	-	4.05	4.13	4.26	-	4.25	4.34	4.48	-	4.43	4.52	4.67	-	4.58	4.68	4.83	-
	1400	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		KW	3.52	3.59	3.70	-	3.78	3.86	3.98	-	4.01	4.10	4.23	-	4.22	4.31	4.45	-	4.39	4.49	4.63	-	4.54	4.64	4.79	-
	1232	MBh	36.2	37.5	41.1	-	35.3	36.6	40.1	-	34.5	35.7	39.1	-	33.6	34.9	38.2	-	31.9	33.1	36.3	-	29.6	30.7	33.6	-
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-
		KW	3.47	3.54	3.65	-	3.72	3.80	3.92	-	3.95	4.03	4.16	-	4.15	4.24	4.37	-	4.32	4.41	4.55	-	4.47	4.56	4.71	-
75	1568	MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
		KW	3.58	3.65	3.76	3.88	3.84	3.92	4.05	4.18	4.08	4.17	4.30	4.44	4.29	4.38	4.52	4.67	4.46	4.56	4.71	4.86	4.62	4.72	4.87	5.03
	1400	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
		KW	3.55	3.62	3.73	3.85	3.81	3.89	4.01	4.14	4.05	4.13	4.26	4.40	4.25	4.34	4.48	4.63	4.43	4.52	4.67	4.82	4.58	4.68	4.83	4.99
	1232	MBh	36.8	37.9	41.0	44.0	35.9	37.0	40.0	43.0	35.1	36.1	39.1	41.9	34.2	35.2	38.1	40.9	32.5	33.5	36.2	38.9	30.1	31.0	33.5	36.0
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
		KW	3.49	3.57	3.67	3.79	3.75	3.83	3.95	4.08	3.98	4.07	4.19	4.33	4.18	4.27	4.41	4.55	4.36	4.45	4.59	4.74	4.50	4.60	4.75	4.91
80	1568	MBh	40.6	41.5	44.3	47.3	39.6	40.5	43.3	46.2	38.7	39.5	42.2	45.1	37.7	38.6	41.2	44.0	35.9	36.6	39.1	41.8	33.2	33.9	36.3	38.8
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		KW	3.60	3.68	3.79	3.91	3.87	3.95	4.08	4.21	4.11	4.20	4.33	4.47	4.32	4.41	4.56	4.71	4.50	4.60	4.75	4.90	4.65	4.76	4.91	5.08
	1400	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		KW	3.58	3.65	3.76	3.88	3.84	3.92	4.05	4.18	4.08	4.17	4.30	4.44	4.29	4.38	4.52	4.67	4.46	4.56	4.71	4.86	4.62	4.72	4.87	5.03
	1232	MBh	37.4	38.2	40.9	43.7	36.5	37.3	39.9	42.7	35.7	36.5	39.0	41.6	34.8	35.6	38.0	40.6	33.1	33.8	36.1	38.6	30.6	31.3	33.4	35.7
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58
		KW	3.52	3.59	3.70	3.82	3.78	3.86	3.98	4.11	4.01	4.10	4.23	4.36	4.22	4.31	4.45	4.59	4.39	4.49	4.63	4.78	4.54	4.64	4.79	4.95
85	1568	MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		KW	3.63	3.71	3.82	3.94	3.90	3.99	4.11	4.24	4.14	4.23	4.37	4.51	4.36	4.45	4.59	4.75	4.54	4.64	4.79	4.95	4.69	4.80	4.95	5.12
	1400	MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		KW	3.60	3.68	3.79	3.91	3.87	3.95	4.08	4.21	4.11	4.20	4.33	4.47	4.32	4.41	4.56	4.71	4.50	4.60	4.75	4.90	4.65	4.76	4.91	5.08
	1232	MBh	38.1	38.8	40.6	43.4	37.2	37.9	39.7	42.4	36.3	37.0	38.8	41.3	35.4	36.1	37.8	40.3	33.6	34.3	35.9	38.3	31.2	31.8	33.3	35.5
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		KW	3.55	3.62	3.73	3.85	3.81	3.89	4.01	4.14	4.05	4.13	4.26	4.40	4.25	4.34	4.48	4.63	4.43	4.52	4.67	4.82	4.58	4.68	4.83	4.99

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA - PAPA48GA

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1792	MBh	44.1	45.7	50.1	-	43.1	44.6	48.9	-	42.0	43.6	47.7	-	41.0	42.5	46.6	-	39.0	40.4	44.3	-	36.1	37.4	41.0	-
		S/T	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-
		KW	4.03	4.11	4.23	-	4.32	4.41	4.55	-	4.59	4.68	4.83	-	4.82	4.92	5.08	-	5.01	5.12	5.29	-	5.18	5.30	5.47	-
	1600	MBh	42.8	44.4	48.6	-	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-
		S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		KW	4.00	4.08	4.20	-	4.29	4.38	4.51	-	4.55	4.65	4.79	-	4.78	4.88	5.04	-	4.97	5.08	5.24	-	5.14	5.25	5.42	-
	1408	MBh	40.7	42.2	46.2	-	39.7	41.2	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	35.9	37.3	40.8	-	33.3	34.5	37.8	-
		S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-
		KW	3.94	4.02	4.14	-	4.22	4.31	4.44	-	4.48	4.57	4.72	-	4.70	4.80	4.96	-	4.89	5.00	5.16	-	5.06	5.17	5.33	-
75	1792	MBh	44.8	46.2	50.0	53.6	43.8	45.1	48.8	52.4	42.8	44.0	47.7	51.1	41.7	42.9	46.5	49.9	39.6	40.8	44.2	47.4	36.7	37.8	40.9	43.9
		S/T	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.94	0.71	0.46
		KW	4.06	4.14	4.27	4.40	4.36	4.45	4.59	4.73	4.62	4.72	4.87	5.03	4.86	4.96	5.12	5.29	5.06	5.17	5.33	5.51	5.23	5.34	5.51	5.70
	1600	MBh	43.5	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
		KW	4.03	4.11	4.23	4.37	4.32	4.41	4.55	4.69	4.59	4.68	4.83	4.99	4.82	4.92	5.08	5.24	5.02	5.12	5.29	5.46	5.19	5.30	5.47	5.65
	1408	MBh	41.4	42.6	46.1	49.5	40.4	41.6	45.0	48.3	39.4	40.6	44.0	47.2	38.5	39.6	42.9	46.0	36.6	37.6	40.7	43.7	33.9	34.9	37.7	40.5
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		KW	3.97	4.05	4.17	4.30	4.26	4.35	4.48	4.62	4.51	4.61	4.75	4.91	4.74	4.84	5.00	5.16	4.93	5.04	5.20	5.37	5.10	5.21	5.38	5.56
80	1792	MBh	45.6	46.6	49.8	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	42.5	43.4	46.4	49.5	40.3	41.2	44.0	47.1	37.4	38.2	40.8	43.6
		S/T	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.66
		KW	4.09	4.17	4.30	4.43	4.39	4.48	4.62	4.77	4.66	4.76	4.91	5.07	4.90	5.00	5.16	5.33	5.10	5.21	5.38	5.55	5.27	5.39	5.56	5.74
	1600	MBh	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3
		S/T	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.95	0.78	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
		KW	4.06	4.14	4.27	4.40	4.36	4.45	4.59	4.73	4.62	4.72	4.87	5.03	4.86	4.96	5.12	5.29	5.06	5.17	5.33	5.51	5.23	5.34	5.52	5.70
	1408	MBh	42.1	43.0	46.0	49.1	41.1	42.0	44.9	48.0	40.1	41.0	43.8	46.8	39.2	40.0	42.8	45.7	37.2	38.0	40.6	43.4	34.5	35.2	37.6	40.2
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.04	0.98	0.80	0.59	1.05	0.99	0.80	0.60
		KW	4.00	4.08	4.20	4.33	4.29	4.38	4.51	4.66	4.55	4.65	4.79	4.95	4.78	4.88	5.04	5.20	4.97	5.08	5.24	5.42	5.14	5.25	5.42	5.60
85	1792	MBh	46.4	47.3	49.6	52.9	45.4	46.2	48.4	51.7	44.3	45.1	47.3	50.4	43.2	44.0	46.1	49.2	41.0	41.8	43.8	46.7	38.0	38.8	40.6	43.3
		S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
		KW	4.12	4.21	4.33	4.47	4.43	4.52	4.66	4.81	4.70	4.80	4.95	5.11	4.94	5.04	5.20	5.37	5.14	5.25	5.42	5.60	5.31	5.43	5.61	5.79
	1600	MBh	45.1	46.0	48.1	51.4	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0
		S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81
		KW	4.09	4.17	4.30	4.43	4.39	4.48	4.62	4.77	4.66	4.76	4.91	5.07	4.90	5.00	5.16	5.33	5.10	5.21	5.38	5.55	5.27	5.39	5.56	5.74
	1408	MBh	42.8	43.7	45.7	48.8	41.8	42.6	44.7	47.6	40.8	41.6	43.6	46.5	39.8	40.6	42.5	45.4	37.9	38.6	40.4	43.1	35.1	35.7	37.4	39.9
		S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		KW	4.03	4.11	4.23	4.36	4.32	4.41	4.55	4.69	4.59	4.68	4.83	4.99	4.82	4.92	5.08	5.24	5.01	5.12	5.29	5.46	5.18	5.30	5.47	5.65

EXPANDED PERFORMANCE DATA - PAPA60GA

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2128	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		KW	5.40	5.51	5.68	-	5.80	5.92	6.10	-	6.15	6.28	6.48	-	6.46	6.60	6.81	-	6.73	6.87	7.10	-	6.96	7.11	7.34	-
	1900	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		KW	5.36	5.47	5.63	-	5.75	5.87	6.06	-	6.10	6.23	6.43	-	6.41	6.55	6.76	-	6.67	6.82	7.04	-	6.90	7.05	7.28	-
	1672	MBh	51.5	53.4	58.5	-	50.3	52.2	57.1	-	49.1	50.9	55.8	-	47.9	49.7	54.4	-	45.5	47.2	51.7	-	42.2	43.7	47.9	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		KW	5.28	5.38	5.55	-	5.66	5.78	5.96	-	6.01	6.13	6.33	-	6.31	6.44	6.65	-	6.57	6.71	6.92	-	6.79	6.94	7.16	-
75	2128	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
		KW	5.44	5.55	5.72	5.90	5.85	5.97	6.15	6.35	6.20	6.33	6.53	6.74	6.52	6.66	6.87	7.09	6.78	6.93	7.16	7.39	7.02	7.17	7.40	7.65
	1900	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		KW	5.40	5.51	5.68	5.85	5.80	5.92	6.10	6.30	6.15	6.28	6.48	6.69	6.46	6.60	6.81	7.04	6.73	6.88	7.10	7.33	6.96	7.11	7.34	7.58
	1672	MBh	52.4	53.9	58.4	62.7	51.2	52.7	57.0	61.2	50.0	51.4	55.7	59.7	48.7	50.2	54.3	58.3	46.3	47.7	51.6	55.4	42.9	44.2	47.8	51.3
		S/T	0.79	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		KW	5.32	5.43	5.59	5.76	5.71	5.83	6.01	6.20	6.06	6.18	6.38	6.58	6.36	6.50	6.70	6.92	6.62	6.76	6.98	7.21	6.84	6.99	7.22	7.46
80	2128	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		KW	5.48	5.60	5.77	5.95	5.89	6.01	6.20	6.40	6.25	6.38	6.59	6.80	6.57	6.71	6.93	7.15	6.84	6.99	7.21	7.45	7.07	7.23	7.46	7.71
	1900	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
		KW	5.44	5.55	5.72	5.90	5.85	5.97	6.15	6.35	6.20	6.33	6.53	6.74	6.52	6.66	6.87	7.09	6.78	6.93	7.16	7.39	7.02	7.17	7.40	7.65
	1672	MBh	53.3	54.5	58.2	62.2	52.1	53.2	56.9	60.8	50.8	52.0	55.5	59.3	49.6	50.7	54.2	57.9	47.1	48.2	51.4	55.0	43.6	44.6	47.7	50.9
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
		KW	5.36	5.47	5.63	5.81	5.75	5.87	6.06	6.25	6.10	6.23	6.43	6.64	6.41	6.55	6.76	6.98	6.67	6.82	7.04	7.27	6.90	7.05	7.28	7.52
85	2128	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		KW	5.53	5.64	5.81	5.99	5.94	6.06	6.25	6.45	6.30	6.44	6.64	6.85	6.62	6.77	6.98	7.21	6.90	7.05	7.27	7.51	7.13	7.29	7.53	7.78
	1900	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		KW	5.48	5.60	5.77	5.95	5.89	6.01	6.20	6.40	6.25	6.38	6.59	6.80	6.57	6.71	6.93	7.15	6.84	6.99	7.21	7.45	7.07	7.23	7.46	7.71
	1672	MBh	54.3	55.3	57.9	61.8	53.0	54.0	56.6	60.4	51.7	52.7	55.2	58.9	50.5	51.4	53.9	57.5	47.9	48.9	51.2	54.6	44.4	45.3	47.4	50.6
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		KW	5.40	5.51	5.68	5.85	5.80	5.92	6.10	6.30	6.15	6.28	6.48	6.69	6.46	6.60	6.81	7.03	6.73	6.87	7.10	7.33	6.96	7.11	7.34	7.58

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ELECTRICAL DATA TABLE: STRIP HEATERS

HEATER MODEL	Used With	Supply Voltage	KW Rating	Nominal Heating BTUH	Supply Circuit No.	Heater Amps	Mininum Circuit Ampacity	Maximum Overcurrent Protective Device (Amps)
AMMK05AHA	PAPA24-60	240-1-60	4.8	16,382	L3 - L4	20.0	25.0	30
AMMK05AHB		208-1-60	3.6	12,287	L3 - L4	17.3	21.6	25
AMMK07AHA	PAPA24-60	240-1-60	7.5	25,598	L3-L4	31.2	39.0	45
AMMK07AHB		208-1-60	5.6	19,113	L3-L4	26.9	33.6	40
AMMK10AHA	PAPA24-60	240-1-60	9.6	32,765	L3 - L4	40.0	50.0	60
AMMK10AHB		208-1-60	7.2	24,574	L5 - L6	34.6	43.3	50
AMMK15AHB	PAPA30-60	240-1-60	14.4	49,147	L3 - L4 L5 - L6	40.0 20.0	50.0 25.0	60 30
		208-1-60	10.8	36,860	L3 - L4 L5 - L6	34.6 17.3	43.3 21.6	50 25
AMMK20AHB	PAPA30-60	240-1-60	19.2	65,530	L3 - L4 L5 - L6	40.0 40.0	50.0 50.0	60 60
		208-1-60	14.4	49,147	L3 - L4 L5 - L6	34.6 34.6	43.3 43.3	50 50

PERFORMANCE DATA: ELECTRIC HEAT ACCESSORY

Heater Model	Use With	Supply Voltage	KW Rating	Total Heating BTUH	*Temperature Rise °F @ CFM								
					600	800	1000	1200	1400	1600	1800	2000	2200
AMMK05AHA	PAHB24 - 60	240-1-60	4.8	16,832	25.3	19.0	15.2	12.6	10.8	9.5	8.4	7.6	---
AMMK05AHB		208-1-60	3.6	12,287	19.0	14.2	11.4	9.5	8.1	7.1	6.3	5.7	---
AMMK07AHA	PAPA24 - 60	240-1-60	7.5	25,598	39.5	29.6	23.7	19.8	16.9	14.8	13.2	11.9	10.8
AMMK07AHB		208-1-60	5.6	19,113	29.5	22.1	17.7	14.7	12.6	11.1	9.8	8.8	8.0
AMMK10AHA	PAPA24 - 60	240-1-60	9.6	32,765	50.6	37.9	30.3	25.3	21.7	19.0	16.9	15.2	13.8
AMMK10AHB		208-1-60	7.2	24,574	37.9	28.4	22.8	19.0	16.3	14.2	12.6	11.4	10.3
AMMK15AHB *	PAPA30 - 60	240-1-60	14.4	49,147	---	56.9	45.5	37.9	32.5	28.4	25.3	22.8	20.7
		208-1-60	10.8	36.860	56.9	42.7	34.1	28.4	24.4	21.3	19.0	17.1	15.5
AMMK20AHB **	PAPA30 - 60	240-1-60	19.2	65,530	---	---	---	50.6	43.3	37.9	33.7	30.3	27.6
		208-1-60	14.4	49,147	---	56.9	45.5	37.9	32.5	28.4	25.3	22.8	20.7

* 15 KW HEATER NOT TO BE OPERATED ON LOW BLOWER SPEED TAP FOR PAPA30 AND PH5530.

** 20 KW HEATER NOT TO BE OPERATED ON LOW OR MED. LOW BLOWER SPEED TAP FOR PAPA36 & 42 AND PH5536 & 42.

SERIES ACCESSORIES

DUCT KITS

Model No.	Description
NACA001DK	BASIC FLEXIBLE DUCT INSTALLATION KIT. For SINGLE Return & SINGLE Supply application Includes:1 - 12" x 7ft & 1 - 14" x 5ft flex duct, screw clamps & one 12"x20" Floor Ret. Grill, plenum & 18" x 18" Permanent Filter, 1 - 12" dovetail adapter.
NACA002DK	DOUBLE SUPPLY DUCT KITTo be used with NACA001DK. For double wide home where 2 supply trunklines are used. Adapts 1-12" supply to 2-10" trunks. Includes: 1- 10"x14ft flex duct;1-Insulated Wye (12x10x10), 2-10" adaptors & 4-10" clamps.
NAXA001DK	DOUBLE RETURN DUCT KITTo be used with NACA001DK. Required with 3 1/2 - 5 ton units for airflow and optional for use in double wide homes. Includes: one 12"x20" Floor Ret.Grill, plenum & 18" x 18" Permanent Filter; 1-14"x14' flex duct; 1 - 14"x14" Insulated Wye & 4-14" clamps
NACA003DK	FLEXIBLE DUCT KIT. Includes: 1- 12" x 10' flex duct with 4" collars on both ends. 1 - 14" x 5' flex duct with 4" collars on both ends. 2 - 12" duct clamps - gear drive, 2 - 14"duct clamps - gear drive.

HEATERS

AMMK05AHB	4.8 KW STRIP HEATER **WITH BREAKER**. (* ORDER UNIT BREAKER SEPERATELY)
AMMK07AHB	7.5 KW STRIP HEATER **WITH BREAKER**. (* ORDER UNIT BREAKER SEPERATELY)
AMMK10AHB	9.6 KW STRIP HEATER **WITH BREAKER**. (* ORDER UNIT BREAKER SEPERATELY)
AMMK15AHB	14.4 KW STRIP HEATER **WITH BREAKER**. (* ORDER UNIT BREAKER SEPERATELY)
AMMK20AHB	19.2 KW STRIP HEATER **WITH BREAKER**. (* ORDER UNIT BREAKER SEPERATELY)
AMMK05AHA	4.8 KW STRIP HEATER **PIGTAIL CONNECTION ONLY, NO BREAKER**.
AMMK07AHA	7.5 KW STRIP HEATER **PIGTAIL CONNECTION ONLY, NO BREAKER**.
AMMK10AHA	9.6 KW STRIP HEATER **PIGTAIL CONNECTION ONLY, NO BREAKER.**

SERIES ACCESSORIES

UNIT CIRCUIT BREAKERS - (REQUIRED WITH BREAKER STYLE HEATER FOR UNIT DISCONNECT FEATURE ORDER FROM SERVICE PARTS

Breaker Amps	Part Number	Application
20	1082007	N/A
25	1082008	2 TON
30	1082009	$2^1/_2$ TON
35	1082010	3 TON
40	1082011	N/A
45	1082012	N/A
50	1082013	$3^1/_2$ - 4 TON
60	1082014	5 TON
60 Switch	1082042	Fits All - Disconnect Switch Only (No Over Current Protection)
AMM001DSA	**DISCONNECT SWITCH KIT (includes 60A switch & rain shield) BREAKER FOR UNIT ONLY. FOR "NO HEAT" or PIGTAIL STYLE HEATER APPLICATION ONLY.**	

COOLING MODEL NUMBER IDENTIFICATION GUIDE:

MODEL NUMBER	P	A	P		A	2 4	G	A

SALES CODE

PRODUCT FAMILY
P - PACKAGE

PRODUCT TYPE
A - A/C
Y - HEAT PUMP

FEATURE CODE

ELECTRICAL CHARACTERISTICS

CODE	PHASE	CYCLE	VOLTS
G	1	60	208/230-240

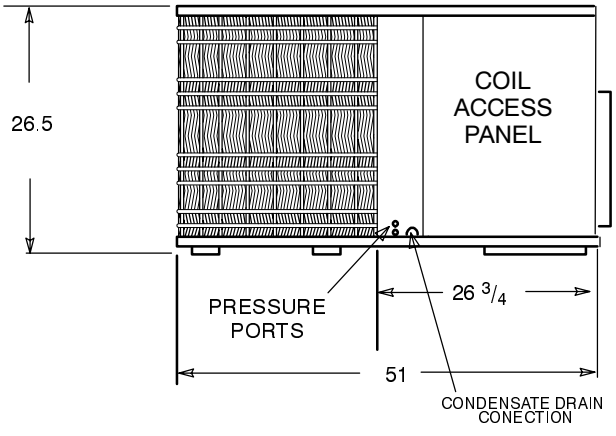
NOMINAL MBTUH
24 = 24,000 BTUH

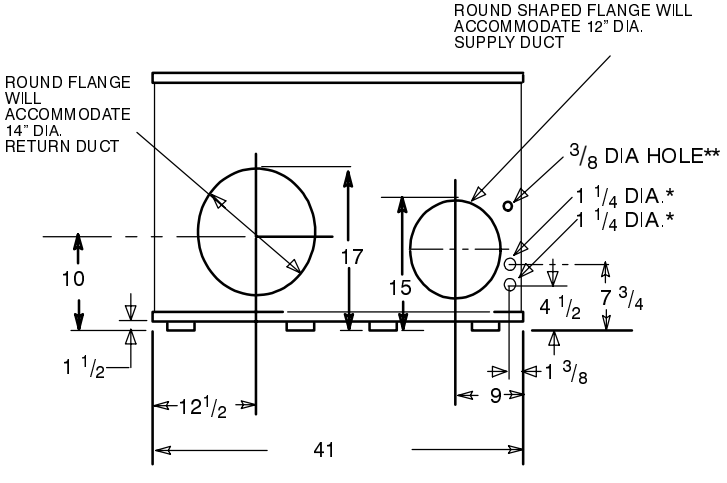
SERIES
A - Standard
C - 12 Ultra High SEER

UNIT DIMENSIONS

NOTE: DUCT COLLARS ATTACHED TO SUPPLY AND RETURN MUST BE REVERSED AT INSTALLATION.

ALL DIMENSIONS IN INCHES





* ELECTRICAL ACCESS FOR LINE VOLTAGE POWER SUPPLY-ONE FOR UNIT, ONE FOR HEATER
** FOR LOW VOLTAGE WIRING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

NOTES