PGAA SERIES

AIRQUEST® Heating And Cooling Products



CONVERTIBLE SINGLE PACKAGE GAS/ELECTRIC UNIT

SINGLE PACKAGE
- Efficiency: PGAA - 10 SEER.
- Combination gas heating and electric cooling, self-contained for year-round comfort. Systems install on rooftop or at ground level. Units are shipped complete in one carton; with only the flue gas vent requiring mounting at time of installation.

CONSTRUCTION
- Pre-painted galvanized steel cabinet with one piece weather resistant top. Galvanized steel 18 gauge base rails are integral to unit and have fork lift access holes on three sides plus holes for lifting lugs for rooftop installation.
- Coil Guard to protect condenser coil.

ACCESS PANELS
- Located to provide easy serviceability. The gas and electrical controls are behind the same exterior panel.

CONVERTIBLE DISCHARGE
- Units have side-by-side supply and return air openings for either horizontal or downflow applications. Convertible duct openings provides flexibility of installation. Simply relocate duct cover panels.

COMPRESSOR
- The high efficiency compressor has external rubber mounts to help minimize system noise and features an automatic reset current / temperature sensing overload protection system. Selected models feature scroll compressors.

COILS
- Both the condenser and evaporator coils have aluminum fins and copper tubes to promote efficient heat transfer. The refrigerant flow is controlled with capillary tubes. The refrigerant circuit is sealed, tested, and fully charged at the factory.

EXTERNALLY-MOUNTED GAUGE PORTS
- Provides easier servicing and allows for more accurate reading of operating conditions.

INDUCED DRAFT COMBUSTION
- An induced draft combustion blower is used to provide air for combustion. A safety switch is used to prove that air for combustion is being delivered to the main burners before ignition takes place.

HOT SURFACE PILOT (HSP) ELECTRONIC INTERMITTENT IGNITION DEVICE
- The hot surface pilot ignition (HSP) is more energy efficient and provides added safety of operation.

ELECTRONIC FAN CONTROL
- Adjustable electronic fan control with optional low speed contiuous fan feature responds quickly to circulate heated air and provide maximum comfort.

IN-SHOT BURNERS
- New design delivers more complete, efficient combustion.

STAINLESS STEEL TUBLULAR HEAT EXCHANGER
- Stainless Steel heat exchanger is more corrosion resistant for longer life and the tubular design provides efficient heat transfer.

EVAPORATOR BLOWER
- All model sizes are equipped with multiple speed direct drive blower motors to provide proper air flow for both heating and cooling requirements.

AIR FILTERS
- Air filters are not supplied with these units. Air filters, provided by the installer, can be used in the return air duct system. Accessory filter kits are available for downflow and horizontal applications.

WARRANTY
- Standard five (5) year limited warranty on parts.
- Five (5) year limited warranty on the compressor.
- Ten (10) year limited warranty on the gas fired heat exchanger.

OPTIONAL FIELD INSTALLED ACCESSORIES
- Roof Curb
- Low ambient kit
- LP Kits
- Economizer
- Air filter rack
- Hail guard

c UL us LISTED

MANUFACTURER CERTIFIED TO ARI AC COMPLYING WITH UNITARY AIR-CONDITIONING EQUIPMENT CERTIFICATION SECTIONS OF ARI STANDARD 210

LIMITED PARTS 5 YEAR WARRANTY

RESIDENTIAL AND COMMERCIAL SYSTEMS • SPLIT SYSTEMS • PACKAGED AIR CONDITIONERS • COMBINATION GAS / ELECTRIC UNITS • HEAT PUMPS • AIR HANDLERS • MANUFACTURED HOME AIR CONDITIONERS • GAS, OIL AND ELECTRIC FURNACES

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

462 51 1002 00

3/15/05

UNIT SPECIFICATIONS

MODEL NUMBER	Electrical Data					Condenser Data								
						Coil			Fan Motor			Fan		
	208 / 230 Voltage Phase - Hz	Wire Size / Max Length (Ft)	Time Delay Fuse Size	HACR Breaker / Max. Fuse	Ampacity	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)	HP	Full Load Amps	Locked Rotor Amps	Size Diameter (In.)	RPM (Max.)	CFM (Max.)
PGAA18B1KE	1-60	#12 / 66	20 amps.	20 amps.	14.00	8.35	20 / 1	3/8	1/5	1.3	2.36	20.375	1145	2250
PGAA18C1KE	1-60	#12 / 66	20 amps.	20 amps.	14.00				1/5	1.3	2.36	20.375	1145	2250
PGAA24B1KE	1-60	#12 / 57	20 amps.	25 amps.	16.50	11.47	20 / 1	3/8	1/3	1.4	3.57	20.375	1145	2250
PGAA24C1KE	1-60	#12 / 57	20 amps.	25 amps.	16.50				1/3	1.4	3.57	20.375	1145	2250
PGAA24D1KE	1-60	#12 / 56	20 amps.	25 amps.	16.70				1/3	1.4	3.57	20.375	1145	2250
PGAA30C1KE	1-60	#12 / 42	25 amps.	30 amps.	20.90	11.47	20 / 1	3/8	1/3	1.4	3.70	20.375	1135	3000
PGAA30D1KE	1-60	#12 / 42	25 amps.	30 amps.	20.90				1/3	1.4	3.70	20.375	1135	3000
PGAA36C1KE	1-60	#10 / 53	30 amps.	35 amps.	24.80	11.47	20 / 1	3/8	1/3	1.4	3.70	20.375	1135	3000
PGAA36D1KE	1-60	#10 / 53	30 amps.	35 amps.	24.80				1/3	1.4	3.70	20.375	1135	3000
PGAA36E1KE	1-60	#10 / 50	35 amps.	40 amps.	24.80				1/3	1.4	3.70	20.375	1135	3000
PGAA42C1KE	1-60	#8 / 61	40 amps.	50 amps.	33.30	11.47	20 / 2	3/8	1/3	1.4	3.70	20.375	1135	3000
PGAA42E1KE	1-60	#8 / 61	40 amps.	50 amps.	33.30				1/3	1.4	3.70	20.375	1135	3000
PGAA48D1KE	1-60	#8 / 60	40 amps.	60 amps.	34.10	17.2	20 / 1	3/8	1/2	1.8	6.20	22	1155	4000
PGAA48F1KE	1-60	#8 / 60	40 amps.	60 amps.	34.30				1/2	1.8	6.20	22	1155	4000
PGAA60D1KE	1-60	#6 / 72	60 amps.	60 amps.	46.20	17.2	20 / 2	3/8	3/4	2.6	9.52	22	1155	4500
PGAA60E1KE	1-60	#6 / 72	60 amps.	60 amps.	46.20				3/4	2.6	9.52	22	1155	4500
PGAA60G1KE	1-60	#6 / 70	60 amps.	60 amps.	47.20				3/4	2.6	9.52	22	1155	4500

MODEL NUMBER	Evaporator Coil									Compressor			Factory Refrigerant Charge R-22 (Oz.)	Shipping Weight (Lbs.)	Sound Rating
	Coil			Blower H.P. / Type / Speeds	Motor		Blower								
	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)		Full Load Amps	Locked Rotor Amps	Type & Size	RPM (Max)	CFM Rated	Type	Rated Load Amps	Locked Rotor Amps			
PGAA18B1KE	3.56	14 / 2	3/8	1/6 / PSC / 3	1.5	1.81	DD10-6A	900	600	RECIP.	7.2	48	64	410	7.6
PGAA18C1KE					1.5	1.81	DD10-6A	900	600		7.2	48	64	410	
PGAA24B1KE	3.56	14 / 3	3/8	1/4 / PSC / 4	2.1	3.08	DD10-6A	1050	800	RECIP.	10.7	56	78	410	7.8
PGAA24C1KE					2.1	3.08	DD10-6A	1050	800		10.7	56	78	410	
PGAA24D1KE	3.56	14 / 3	3/8	1/3 / PSC / 3	2.3	4.10	DD10-8A	1100	800		10.7	56	78	410	
PGAA30C1KE	3.56	15 / 3	3/8	1/3 / PSC / 3	2.3	4.10	DD10-8A	1100	900	RECIP.	13.7	75	74	425	7.8
PGAA30D1KE					2.3	4.10	DD10-8A	1100	900		13.7	75	74	425	
PGAA36C1KE	3.56	14 / 4	3/8	1/2 / PSC / 3	4.0	7.50	DD10-8AT	1075	1200	SCROLL	15.5	93	64	435	7.6
PGAA36D1KE					4.0	7.50	DD10-8AT	1075	1200		15.5	93	64	435	
PGAA36E1KE	3.56	14 / 3	3/8	1/2 / PSC / 4	4.0	7.50	DD10-8AT	1075	1200		15.5	93	64	435	
PGAA42C1KE	3.56	14 / 4	3/8	3/4 / PSC / 4	5.6	12.85	DD11-9AT	1145	1400	SCROLL	21.0	127	99	455	7.6
PGAA42E1KE					5.6	12.85	DD11-9AT	1145	1400		21.0	127	99	455	
PGAA48D1KE	8.22	15 / 2	3/8	1/2 / PSC / 4	4.4	8.63	DD10-9A	1140	1600	SCROLL	22.3	131	104	600	7.8
PGAA48F1KE				1 / PSC / 3	4.6	7.94	DD11-11A	1125	1600		22.3	131	104	600	
PGAA60D1KE	8.22	14 / 3	3/8	1 / PSC / 4	5.0	8.75	DD11-11A	1125	2000	SCROLL	30.9	144	180	625	8.0
PGAA60E1KE					5.0	8.75	DD11-11A	1125	2000		30.9	144	180	625	
PGAA60G1KE					6.0	8.75	DD11-11A	1150	2000		30.9	144	180	630	

PERFORMANCE DATA: HEATING

MODEL NUMBER	Input (MBTUH) Standard	Output (MBTUH) Standard	Efficiency * AFUE Std.	Temperature Rise ° F	Gas Piping Size (In.)	Transformer Size Va.
PGAA18B1KE	40	31	78.0	35-65	1/2	40
PGAA18C1KE	60	48	78.0	35-65	1/2	40
PGAA24B1KE	40	31	78.0	35-65	1/2	40
PGAA24C1KE	60	48	78.0	35-65	1/2	40
PGAA24D1KE	80	62	78.0	35-65	1/2	40
PGAA30C1KE	60	48	78.0	35-65	1/2	40
PGAA30D1KE	80	62	78.0	35-65	1/2	40
PGAA36C1KE	60	48	78.0	35-65	1/2	40
PGAA36D1KE	80	62	78.0	35-65	1/2	40
PGAA36E1KE	100	79	78.0	35-65	1/2	40
PGAA42C1KE	60	48	78.0	35-65	1/2	40
PGAA42E1KE	100	78	78.0	35-65	1/2	40
PGAA48D1KE	80	62	78.0	35-65	1/2	40
PGAA48F1KE	120	95	78.0	35-65	1/2	40
PGAA60D1KE	80	62	78.0	35-65	1/2	40
PGAA60E1KE	100	78	78.0	35-65	1/2	40
PGAA60G1KE	140	110	78.0	35-65	1/2	40

* As determined by D.O.E. Annual Fuel Utilization Efficiency (A.F.U.E.) Rating Test. Heating capacity valid for elevations up to 2,000 feet above sea level. For elevations above 2,000 feet, rated capacity should be reduced by 4% for each 1,000 feet above sea level.

PERFORMANCE DATA: COOLING

MODEL NUMBER	Rated Capacity [1] BTUH	S / T Ratio	S.E.E.R.	E.E.R. [3]	Power Input Watts	Evaporator Rated Airflow (SCFM)	Ext. Static Pressure Drop [2] Wet
PGAA18B1KE	17,000	.76	10.0	8.95	1899	600	.15
PGAA18C1KE							
PGAA24B1KE	22,800	.78	10.05	8.85	2567	800	.15
PGAA24C1KE							
PGAA24D1KE							
PGAA30C1KE	27,200	.72	10.0	8.60	3168	900	.23
PGAA30D1KE							
PGAA36C1KE	34,000	.77	10.0	8.85	3841	1200	.20
PGAA36D1KE							.20
PGAA36E1KE							.30
PGAA42C1KE	40,000	.76	10.0	8.50	4705	1400	.20
PGAA42E1KE							
PGAA48D1KE	45,000	.78	10.05	8.85	5085	1600	.30
PGAA48F1KE							.20
PGAA60D1KE	58,500	.76	10.0	8.25	7090	2000	.30
PGAA60E1KE							
PGAA60G1KE							

[1] Rated Capacity @ 230 Volts. For applications at 208 volts deduct 1000 BTU.
[2] Includes a .08 drop for a filter
[3] For reference only

BLOWER PERFORMANCE DATA

Model Number	Motor Speed	Air Delivery in CFM * External Static Pressure (In. W.C.) .20	.30	.40	.50	.60	.70
PGAA18B1KE 18C1KE	HI MD LO	820 750 615	785 715 585	750 685 550	715 645 515	670 600 470	615 550 415
PGAA24B1KE 24C1KE	HI MD HI MD LO LO	995 825 725 620	960 805 705 605	925 775 675 585	880 745 650 565	835 705 615 530	780 660 570 485
PGAA24D1KE 30C1KE 30D1KE	HI MD LO	1175 955 790	1120 915 760	1055 870 730	990 815 690	920 755 645	840 685 585
PGAA36C1KE 36D1KE	HI MD LO	1435 1270 1110	1375 1220 1080	1310 1165 1045	1245 1100 1005	1175 1045 955	1105 990 905
PGAA36E1KE 42C1KE 42E1KE	HI MD HI MD LO LO	1645 1490 1295 1070	1580 1440 1270 1055	1515 1385 1235 1040	1450 1330 1195 1020	1385 1270 1145 990	1315 1210 1095 955
PGAA48D1KE	HI MD HI MD LO LO	1860 1735 1540 1460	1795 1680 1505 1430	1725 1620 1465 1395	1650 1560 1415 1345	1570 1485 1350 1290	1485 1405 1280 1225
PGAA48F1KE	HI MD LO	2185 1805 1685	2125 1775 1660	2065 1735 1625	2010 1690 1585	1950 1635 1540	1875 1580 1485
PGAA60D1KE 60E1KE	HI MD HI MD LO LO	2250 2090 1650 1315	2190 2045 1630 1300	2125 1995 1600 1280	2060 1935 1565 1255	1990 1875 1525 1225	1915 1805 1475 1185
PGAA60G1KE	HI MD HI MD LO LO	2400 2335 2205 2095	2325 2270 2145 2040	2250 2200 2080 1985	2170 2125 2015 1920	2085 2050 1940 1855	2000 1965 1865 1780

Air delivery against shown external static pressures taken with 230V to unit and dry coil. For wet coil subtract approximately 25 CFM. Add .08 static for internal filters.
* Dry coil, no filter

EXPANDED PERFORMANCE DATA (COOLING) – PGAA18B1KE AND PGAA18C1KE

Airflow IDB*	CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb / Entering Indoor Temperature - Degrees F. Wet Bulb: 65 59	65 63	65 67	65 71	75 59	75 63	75 67	75 71	85 59	85 63	85 67	85 71	95 59	95 63	95 67	95 71	105 59	105 63	105 67	105 71	115 59	115 63	115 67	115 71
70	672	MBh	16.7	17.3	18.9	–	16.3	16.9	18.5	–	15.9	16.5	18.0	–	15.5	16.1	17.6	–	14.7	15.3	16.7	–	13.6	14.1	15.5	–
		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	1.50	1.53	1.58	–	1.61	1.64	1.69	–	1.71	1.74	1.79	–	1.79	1.83	1.88	–	1.86	1.90	1.96	–	1.92	1.96	2.02	–
	600	MBh	16.2	16.8	18.4	–	15.8	16.4	17.9	–	15.4	16.0	17.5	–	15.0	15.6	17.1	–	14.3	14.8	16.2	–	13.2	13.7	15.0	–
		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	1.49	1.52	1.57	–	1.60	1.63	1.68	–	1.69	1.73	1.78	–	1.78	1.81	1.87	–	1.85	1.89	1.94	–	1.91	1.95	2.01	–
	528	MBh	15.4	15.9	17.4	–	15.0	15.6	17.0	–	14.7	15.2	16.6	–	14.3	14.8	16.2	–	13.6	14.1	15.4	–	12.6	13.0	14.3	–
		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	1.47	1.50	1.54	–	1.58	1.61	1.66	–	1.67	1.70	1.75	–	1.75	1.78	1.84	–	1.82	1.86	1.91	–	1.88	1.92	1.98	–
75	672	MBh	16.9	17.4	18.9	20.3	16.5	17.0	18.4	19.8	16.2	16.6	18.0	19.3	15.8	16.2	17.6	18.8	15.0	15.4	16.7	17.9	13.9	14.3	15.5	16.6
		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	1.52	1.55	1.59	1.64	1.62	1.66	1.71	1.76	1.72	1.76	1.81	1.87	1.80	1.84	1.90	1.96	1.88	1.92	1.98	2.04	1.94	1.98	2.04	2.11
	600	MBh	16.4	16.9	18.3	19.7	16.1	16.5	17.9	19.2	15.7	16.1	17.5	18.8	15.3	15.8	17.1	18.3	14.5	15.0	16.2	17.4	13.5	13.9	15.0	16.1
		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	1.51	1.53	1.58	1.63	1.61	1.64	1.69	1.75	1.71	1.74	1.79	1.85	1.79	1.83	1.88	1.94	1.86	1.90	1.96	2.02	1.92	1.96	2.03	2.09
	528	MBh	15.6	16.1	17.4	18.7	15.3	15.7	17.0	18.3	14.9	15.3	16.6	17.8	14.5	15.0	16.2	17.4	13.8	14.2	15.4	16.5	12.8	13.2	14.3	15.3
		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	1.48	1.51	1.56	1.60	1.59	1.62	1.67	1.72	1.68	1.71	1.77	1.82	1.76	1.80	1.85	1.91	1.83	1.87	1.93	1.99	1.89	1.93	1.99	2.06
80	672	MBh	17.2	17.6	18.8	20.1	16.8	17.2	18.4	19.7	16.4	16.8	17.9	19.2	16.0	16.4	17.5	18.7	15.2	15.6	16.6	17.8	14.1	14.4	15.4	16.5
		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	1.53	1.56	1.60	1.65	1.64	1.67	1.72	1.77	1.73	1.77	1.82	1.88	1.82	1.86	1.91	1.97	1.89	1.93	1.99	2.05	1.95	1.99	2.06	2.12
	600	MBh	16.7	17.1	18.3	19.5	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	14.8	15.1	16.2	17.3	13.7	14.0	15.0	16.0
		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	1.52	1.55	1.59	1.64	1.62	1.66	1.71	1.76	1.72	1.76	1.81	1.87	1.80	1.84	1.90	1.96	1.88	1.92	1.98	2.04	1.94	1.98	2.04	2.11
	528	MBh	15.9	16.3	17.4	18.6	15.5	15.9	17.0	18.1	15.2	15.5	16.6	17.7	14.8	15.1	16.2	17.3	14.1	14.4	15.3	16.4	13.0	13.3	14.2	15.2
		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	1.49	1.52	1.57	1.61	1.60	1.63	1.68	1.73	1.69	1.73	1.78	1.84	1.78	1.81	1.87	1.93	1.85	1.89	1.94	2.01	1.91	1.95	2.01	2.07
85	672	MBh	17.5	17.9	18.7	20.0	17.1	17.5	18.3	19.5	16.7	17.1	17.9	19.1	16.3	16.6	17.4	18.6	15.5	15.8	16.6	17.7	14.4	14.6	15.3	16.4
		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	1.54	1.57	1.62	1.66	1.65	1.68	1.73	1.79	1.75	1.78	1.84	1.89	1.83	1.87	1.93	1.99	1.91	1.95	2.01	2.07	1.97	2.01	2.07	2.14
	600	MBh	17.0	17.4	18.2	19.4	16.6	17.0	17.8	18.9	16.2	16.6	17.3	18.5	15.8	16.2	16.9	18.0	15.1	15.3	16.1	17.1	13.9	14.2	14.9	15.9
		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	1.53	1.56	1.60	1.65	1.64	1.67	1.72	1.77	1.73	1.77	1.82	1.88	1.82	1.86	1.91	1.97	1.89	1.93	1.99	2.05	1.95	1.99	2.06	2.12
	528	MBh	16.2	16.5	17.3	18.4	15.8	16.1	16.9	18.0	15.4	15.7	16.5	17.6	15.1	15.3	16.1	17.1	14.3	14.6	15.3	16.3	13.2	13.5	14.1	15.1
		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	1.50	1.53	1.58	1.63	1.61	1.64	1.69	1.75	1.71	1.74	1.79	1.85	1.79	1.83	1.88	1.94	1.86	1.90	1.96	2.02	1.92	1.96	2.02	2.09

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

EXPANDED PERFORMANCE DATA (COOLING) - PGAA24B1KE, PGAA24C1KE AND PGAA24D1KE

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	0.78	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	2.03	2.07	2.13	-	2.18	2.22	2.29	-	2.31	2.36	2.43	-	2.43	2.48	2.55	-	2.52	2.58	2.66	-	2.61	2.66	2.75	-
	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	0.75	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	2.01	2.05	2.12	-	2.16	2.21	2.27	-	2.29	2.34	2.41	-	2.41	2.46	2.53	-	2.50	2.56	2.64	-	2.59	2.64	2.73	-
	704	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	0.72	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	1.98	2.02	2.08	-	2.13	2.17	2.24	-	2.26	2.30	2.37	-	2.37	2.42	2.49	-	2.46	2.52	2.60	-	2.55	2.60	2.68	-
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	0.89	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	2.05	2.09	2.15	2.22	2.20	2.24	2.31	2.38	2.33	2.38	2.45	2.53	2.44	2.50	2.58	2.66	2.54	2.60	2.68	2.77	2.63	2.69	2.77	2.86
	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	0.85	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	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51	2.43	2.48	2.56	2.64	2.52	2.58	2.66	2.75	2.61	2.67	2.75	2.84
	704	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	0.81	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	2.00	2.04	2.10	2.16	2.14	2.19	2.26	2.33	2.27	2.32	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.54	2.62	2.70	2.57	2.62	2.71	2.79
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	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	2.06	2.10	2.17	2.23	2.21	2.26	2.33	2.40	2.35	2.40	2.47	2.55	2.46	2.52	2.60	2.68	2.56	2.62	2.70	2.79	2.65	2.71	2.80	2.89
	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	0.93	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	2.05	2.09	2.15	2.22	2.20	2.24	2.31	2.38	2.33	2.38	2.45	2.53	2.44	2.50	2.58	2.66	2.54	2.60	2.68	2.77	2.63	2.69	2.77	2.86
	704	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	0.89	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	2.01	2.05	2.12	2.18	2.16	2.21	2.27	2.34	2.29	2.34	2.41	2.49	2.41	2.46	2.53	2.62	2.50	2.56	2.64	2.72	2.59	2.64	2.73	2.82
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	0.99	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	2.08	2.12	2.18	2.25	2.23	2.28	2.35	2.42	2.36	2.41	2.49	2.57	2.48	2.54	2.62	2.70	2.59	2.64	2.73	2.82	2.67	2.73	2.82	2.91
	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	0.98	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	2.06	2.10	2.17	2.23	2.21	2.26	2.33	2.40	2.35	2.40	2.47	2.55	2.46	2.52	2.60	2.68	2.56	2.62	2.70	2.79	2.65	2.71	2.80	2.89
	704	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	0.94	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	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51	2.43	2.48	2.55	2.64	2.52	2.58	2.66	2.75	2.61	2.66	2.75	2.84

EXPANDED PERFORMANCE DATA (COOLING) - PGAA30C1KE AND PGAA30D1KE

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	1000	MBh	26.7	27.6	30.3	-	26.0	27.0	29.6	-	25.4	26.3	28.9	-	24.8	25.7	28.2	-	23.6	24.4	26.7	-	21.8	22.6	24.8	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		KW	3.1	3.1	3.3	-	3.3	3.4	3.5	-	3.6	3.6	3.8	-	3.7	3.8	4.0	-	3.9	4.0	4.1	-	4.1	4.1	4.3	-
	900	MBh	25.9	26.8	29.4	-	25.3	26.2	28.7	-	24.7	25.6	28.0	-	24.1	25.0	27.3	-	22.9	23.7	26.0	-	21.2	22.0	24.1	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
		KW	3.1	3.1	3.2	-	3.3	3.4	3.5	-	3.5	3.6	3.7	-	3.7	3.8	3.9	-	3.9	4.0	4.1	-	4.0	4.1	4.3	-
	800	MBh	24.6	25.5	27.9	-	24.0	24.9	27.3	-	23.4	24.3	26.6	-	22.9	23.7	26.0	-	21.7	22.5	24.7	-	20.1	20.9	22.9	-
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-
		KW	3.0	3.1	3.2	-	3.2	3.3	3.4	-	3.5	3.5	3.7	-	3.6	3.7	3.9	-	3.8	3.9	4.0	-	3.9	4.0	4.2	-
75	1000	MBh	27.1	27.9	30.2	32.4	26.5	27.3	29.5	31.7	25.8	26.6	28.8	30.9	25.2	26.0	28.1	30.2	24.0	24.7	26.7	28.7	22.2	22.8	24.7	26.5
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		KW	3.1	3.2	3.3	3.4	3.4	3.4	3.6	3.7	3.6	3.7	3.8	3.9	3.8	3.9	4.0	4.1	3.9	4.0	4.2	4.3	4.1	4.2	4.3	4.5
	900	MBh	26.3	27.1	29.3	31.5	25.7	26.5	28.6	30.7	25.1	25.8	28.0	30.0	24.5	25.2	27.3	29.3	23.3	23.9	25.9	27.8	21.5	22.2	24.0	25.8
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
		KW	3.1	3.1	3.3	3.4	3.3	3.4	3.5	3.6	3.6	3.6	3.8	3.9	3.7	3.8	4.0	4.1	3.9	4.0	4.1	4.3	4.1	4.2	4.3	4.4
	800	MBh	25.0	25.7	27.9	29.9	24.4	25.1	27.2	29.2	23.8	24.5	26.6	28.5	23.3	23.9	25.9	27.8	22.1	22.7	24.6	26.4	20.5	21.1	22.8	24.5
		S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.76	0.58	0.37	0.86	0.77	0.58	0.38
		KW	3.0	3.1	3.2	3.3	3.3	3.3	3.5	3.6	3.5	3.6	3.7	3.8	3.7	3.8	3.9	4.0	3.8	3.9	4.1	4.2	4.0	4.1	4.2	4.4
80	1000	MBh	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.7	26.2	28.0	29.9	24.4	24.9	26.6	28.5	22.6	23.1	24.7	26.4
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		KW	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.7	3.6	3.7	3.8	4.0	3.8	3.9	4.0	4.2	4.0	4.1	4.2	4.4	4.1	4.2	4.4	4.5
	900	MBh	26.8	27.4	29.2	31.3	26.2	26.7	28.6	30.5	25.5	26.1	27.9	29.8	24.9	25.5	27.2	29.1	23.7	24.2	25.8	27.6	21.9	22.4	23.9	25.6
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		KW	3.1	3.2	3.3	3.4	3.4	3.4	3.6	3.7	3.6	3.7	3.8	3.9	3.8	3.9	4.0	4.1	3.9	4.0	4.2	4.3	4.1	4.2	4.3	4.5
	800	MBh	25.4	26.0	27.8	29.7	24.9	25.4	27.1	29.0	24.3	24.8	26.5	28.3	23.7	24.2	25.8	27.6	22.5	23.0	24.5	26.2	20.8	21.3	22.7	24.3
		S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
		KW	3.1	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.5	3.6	3.7	3.9	3.7	3.8	3.9	4.1	3.9	4.0	4.1	4.2	4.0	4.1	4.3	4.4
85	1000	MBh	28.1	28.6	30.0	32.0	27.4	27.9	29.3	31.2	26.8	27.3	28.6	30.5	26.1	26.6	27.9	29.7	24.8	25.3	26.5	28.3	23.0	23.4	24.5	26.2
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
		KW	3.2	3.2	3.3	3.5	3.4	3.5	3.6	3.7	3.6	3.7	3.9	4.0	3.8	3.9	4.1	4.2	4.0	4.1	4.3	4.4	4.2	4.3	4.4	4.6
	900	MBh	27.3	27.8	29.1	31.0	26.6	27.1	28.4	30.3	26.0	26.5	27.7	29.6	25.4	25.8	27.1	28.9	24.1	24.5	25.7	27.4	22.3	22.7	23.8	25.4
		S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
		KW	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.7	3.6	3.7	3.8	4.0	3.8	3.9	4.0	4.2	4.0	4.1	4.2	4.4	4.1	4.2	4.4	4.5
	800	MBh	25.9	26.4	27.6	29.5	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.5	25.7	27.4	22.9	23.3	24.4	26.1	21.2	21.6	22.6	24.1
		S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70
		KW	3.1	3.1	3.3	3.4	3.3	3.4	3.5	3.6	3.6	3.6	3.8	3.9	3.7	3.8	4.0	4.1	3.9	4.0	4.1	4.3	4.1	4.1	4.3	4.4

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA (COOLING) - PGAA36C1KE, PGAA36D1KE AND PGAA36E1KE

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	0.77	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	3.07	3.13	3.21	-	3.28	3.34	3.44	-	3.46	3.53	3.64	-	3.63	3.70	3.81	-	3.77	3.84	3.96	-	3.89	3.97	4.09	-
	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	0.74	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	3.05	3.10	3.19	-	3.26	3.32	3.41	-	3.44	3.51	3.61	-	3.60	3.67	3.78	-	3.74	3.81	3.93	-	3.86	3.94	4.06	-
	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	0.71	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	3.00	3.06	3.15	-	3.21	3.27	3.36	-	3.39	3.45	3.56	-	3.55	3.62	3.72	-	3.68	3.76	3.87	-	3.80	3.88	3.99	-
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	0.88	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	3.09	3.15	3.24	3.33	3.30	3.37	3.46	3.57	3.49	3.56	3.66	3.77	3.66	3.73	3.84	3.96	3.80	3.87	3.99	4.11	3.92	4.00	4.12	4.25
	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	0.84	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	3.07	3.13	3.21	3.31	3.28	3.34	3.44	3.54	3.46	3.53	3.64	3.75	3.63	3.70	3.81	3.93	3.77	3.84	3.96	4.08	3.89	3.97	4.09	4.22
	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	0.80	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	3.03	3.08	3.17	3.26	3.23	3.29	3.39	3.49	3.41	3.48	3.58	3.69	3.57	3.64	3.75	3.87	3.71	3.78	3.90	4.02	3.83	3.91	4.02	4.15
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	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	3.11	3.17	3.26	3.36	3.33	3.39	3.49	3.59	3.52	3.59	3.69	3.80	3.68	3.76	3.87	3.99	3.83	3.90	4.02	4.15	3.95	4.03	4.15	4.28
	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	0.92	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	3.09	3.15	3.24	3.33	3.30	3.37	3.46	3.57	3.49	3.56	3.66	3.78	3.66	3.73	3.84	3.96	3.80	3.87	3.99	4.11	3.92	4.00	4.12	4.25
	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	0.88	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	3.05	3.10	3.19	3.28	3.26	3.32	3.41	3.51	3.44	3.51	3.61	3.72	3.60	3.67	3.78	3.90	3.74	3.81	3.93	4.05	3.86	3.94	4.06	4.18
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	0.98	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	3.14	3.19	3.29	3.38	3.35	3.42	3.52	3.62	3.54	3.61	3.72	3.83	3.71	3.79	3.90	4.02	3.85	3.93	4.05	4.18	3.98	4.06	4.19	4.32
	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	0.96	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	3.11	3.17	3.26	3.36	3.33	3.39	3.49	3.59	3.52	3.59	3.69	3.80	3.68	3.76	3.87	3.99	3.83	3.90	4.02	4.15	3.95	4.03	4.15	4.28
	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	0.92	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	3.07	3.13	3.21	3.31	3.28	3.34	3.44	3.54	3.46	3.53	3.64	3.75	3.63	3.70	3.81	3.93	3.77	3.84	3.96	4.08	3.89	3.97	4.09	4.21

EXPANDED PERFORMANCE DATA (COOLING) - PGAA42C1KE AND PGAA42E1KE

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	0.76	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	3.73	3.80	3.91	-	3.99	4.07	4.19	-	4.23	4.31	4.45	-	4.43	4.53	4.67	-	4.61	4.71	4.86	-	4.76	4.86	5.02	-
	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	0.73	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	3.70	3.77	3.88	-	3.96	4.04	4.16	-	4.19	4.28	4.41	-	4.40	4.49	4.63	-	4.57	4.67	4.82	-	4.73	4.83	4.98	-
	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	0.70	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	3.64	3.71	3.82	-	3.90	3.98	4.10	-	4.13	4.21	4.34	-	4.33	4.42	4.56	-	4.50	4.60	4.74	-	4.65	4.75	4.90	-
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	0.87	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	3.75	3.83	3.94	4.06	4.02	4.10	4.23	4.36	4.26	4.35	4.48	4.62	4.47	4.56	4.70	4.85	4.65	4.75	4.89	5.05	4.80	4.90	5.06	5.22
	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	0.83	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	3.73	3.80	3.91	4.03	3.99	4.07	4.20	4.32	4.23	4.31	4.45	4.58	4.44	4.53	4.67	4.82	4.61	4.71	4.86	5.01	4.76	4.86	5.02	5.18
	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	0.79	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	3.67	3.74	3.85	3.97	3.93	4.01	4.13	4.26	4.16	4.25	4.38	4.51	4.37	4.46	4.59	4.74	4.54	4.63	4.78	4.93	4.69	4.79	4.94	5.10
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	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	3.78	3.86	3.97	4.09	4.05	4.14	4.26	4.39	4.29	4.38	4.52	4.66	4.50	4.60	4.74	4.89	4.68	4.78	4.93	5.09	4.84	4.94	5.10	5.27
	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	0.91	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	3.75	3.83	3.94	4.06	4.02	4.10	4.23	4.36	4.26	4.35	4.48	4.62	4.47	4.56	4.71	4.85	4.65	4.75	4.90	5.05	4.80	4.90	5.06	5.22
	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	0.87	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	3.70	3.77	3.88	4.00	3.96	4.04	4.16	4.29	4.19	4.28	4.41	4.55	4.40	4.49	4.63	4.78	4.57	4.67	4.82	4.97	4.73	4.83	4.98	5.14
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	0.96	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	3.81	3.89	4.00	4.12	4.08	4.17	4.29	4.43	4.33	4.42	4.55	4.69	4.54	4.64	4.78	4.93	4.72	4.82	4.97	5.13	4.88	4.98	5.14	5.31
	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	0.95	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	3.78	3.86	3.97	4.09	4.05	4.14	4.26	4.39	4.29	4.38	4.52	4.66	4.50	4.60	4.74	4.89	4.68	4.78	4.93	5.09	4.84	4.94	5.10	5.27
	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	0.91	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	3.73	3.80	3.91	4.03	3.99	4.07	4.19	4.32	4.23	4.31	4.45	4.58	4.43	4.53	4.67	4.81	4.61	4.71	4.86	5.01	4.76	4.86	5.02	5.18

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

EXPANDED PERFORMANCE DATA (COOLING) - PGAA48D1KE AND PGAA48F1KE

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	0.78	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	4.03	4.11	4.23	–	4.32	4.40	4.54	–	4.57	4.66	4.81	–	4.79	4.89	5.04	–	4.98	5.09	5.25	–	5.15	5.26	5.42	–
	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	0.75	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	4.00	4.08	4.20	–	4.29	4.37	4.50	–	4.54	4.63	4.77	–	4.76	4.86	5.00	–	4.95	5.05	5.21	–	5.11	5.21	5.38	–
	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	0.72	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	3.94	4.02	4.14	–	4.22	4.31	4.43	–	4.47	4.56	4.70	–	4.68	4.78	4.93	–	4.87	4.97	5.12	–	5.03	5.13	5.29	–
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	0.89	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	4.06	4.14	4.26	4.39	4.35	4.44	4.57	4.71	4.61	4.70	4.84	4.99	4.83	4.93	5.08	5.24	5.02	5.13	5.29	5.46	5.19	5.30	5.47	5.64
	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	0.85	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	4.03	4.11	4.23	4.36	4.32	4.41	4.54	4.68	4.57	4.66	4.81	4.96	4.79	4.89	5.04	5.20	4.98	5.09	5.25	5.41	5.15	5.26	5.42	5.60
	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	0.81	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	3.97	4.05	4.17	4.29	4.25	4.34	4.47	4.60	4.50	4.59	4.73	4.88	4.72	4.82	4.97	5.12	4.91	5.01	5.16	5.33	5.07	5.17	5.34	5.51
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	0.92	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	4.09	4.17	4.29	4.42	4.38	4.47	4.61	4.75	4.64	4.74	4.88	5.03	4.87	4.97	5.13	5.29	5.06	5.17	5.33	5.50	5.23	5.34	5.51	5.69
	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	0.93	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	4.06	4.14	4.26	4.39	4.35	4.44	4.57	4.71	4.61	4.70	4.84	5.00	4.83	4.93	5.09	5.25	5.02	5.13	5.29	5.46	5.19	5.30	5.47	5.64
	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	0.89	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	4.00	4.08	4.20	4.32	4.29	4.37	4.50	4.64	4.54	4.63	4.77	4.92	4.76	4.86	5.00	5.16	4.95	5.05	5.21	5.37	5.11	5.21	5.38	5.55
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	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	4.12	4.20	4.33	4.46	4.42	4.51	4.64	4.78	4.68	4.77	4.92	5.07	4.91	5.01	5.17	5.33	5.10	5.21	5.37	5.55	5.27	5.38	5.55	5.73
	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	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	4.09	4.17	4.29	4.42	4.38	4.47	4.61	4.75	4.64	4.74	4.88	5.03	4.87	4.97	5.13	5.29	5.06	5.17	5.33	5.50	5.23	5.34	5.51	5.69
	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	0.94	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	4.03	4.11	4.23	4.36	4.32	4.40	4.54	4.67	4.57	4.66	4.81	4.96	4.79	4.89	5.04	5.20	4.98	5.09	5.25	5.41	5.15	5.26	5.42	5.60

EXPANDED PERFORMANCE DATA (COOLING) - PGAA60D1KE, PGAA60E1KE AND PGAA60G1KE

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	2240	MBh	57.3	59.4	65.1	–	56.0	58.0	63.6	–	54.7	56.7	62.1	–	53.3	55.3	60.6	–	50.7	52.5	57.5	–	46.9	48.6	53.3	–
		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	5.59	5.70	5.88	–	6.00	6.12	6.31	–	6.36	6.49	6.69	–	6.68	6.82	7.03	–	6.95	7.09	7.32	–	7.18	7.33	7.57	–
	2000	MBh	55.7	57.7	63.2	–	54.4	56.3	61.7	–	53.1	55.0	60.3	–	51.8	53.7	58.8	–	49.2	51.0	55.9	–	45.6	47.2	51.7	–
		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	5.55	5.66	5.83	–	5.95	6.08	6.26	–	6.31	6.44	6.64	–	6.62	6.76	6.98	–	6.89	7.04	7.26	–	7.12	7.27	7.51	–
	1760	MBh	52.9	54.8	60.0	–	51.6	53.5	58.6	–	50.4	52.3	57.2	–	49.2	51.0	55.9	–	46.7	48.4	53.1	–	43.3	44.9	49.2	–
		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	5.47	5.58	5.74	–	5.86	5.98	6.16	–	6.21	6.34	6.54	–	6.52	6.66	6.86	–	6.78	6.92	7.14	–	7.01	7.16	7.38	–
75	2240	MBh	58.3	60.0	65.0	69.7	56.9	58.6	63.5	68.1	55.6	57.2	61.9	66.5	54.2	55.8	60.4	64.9	51.5	53.0	57.4	61.6	47.7	49.1	53.2	57.1
		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	5.64	5.75	5.92	6.10	6.05	6.17	6.36	6.56	6.41	6.54	6.75	6.96	6.73	6.87	7.09	7.32	7.00	7.15	7.38	7.62	7.24	7.39	7.63	7.88
	2000	MBh	56.6	58.3	63.1	67.7	55.3	56.9	61.6	66.1	54.0	55.6	60.1	64.5	52.7	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4
		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	5.59	5.71	5.88	6.06	6.00	6.12	6.31	6.51	6.36	6.49	6.69	6.91	6.68	6.82	7.03	7.26	6.95	7.10	7.32	7.56	7.18	7.33	7.57	7.82
	1760	MBh	53.8	55.4	59.9	64.3	52.5	54.1	58.5	62.8	51.3	52.8	57.1	61.3	50.0	51.5	55.7	59.8	47.5	48.9	53.0	56.8	44.0	45.3	49.1	52.6
		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	5.51	5.62	5.79	5.96	5.91	6.03	6.21	6.41	6.26	6.39	6.59	6.80	6.57	6.71	6.92	7.14	6.84	6.98	7.20	7.43	7.06	7.22	7.45	7.69
80	2240	MBh	59.3	60.6	64.8	69.2	58.0	59.2	63.3	67.6	56.6	57.8	61.8	66.0	55.2	56.4	60.3	64.4	52.4	53.6	57.2	61.2	48.6	49.6	53.0	56.7
		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	5.68	5.79	5.97	6.15	6.09	6.22	6.41	6.61	6.46	6.60	6.80	7.02	6.78	6.93	7.15	7.38	7.06	7.21	7.44	7.68	7.30	7.45	7.69	7.95
	2000	MBh	57.6	58.9	62.9	67.2	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.5	62.5	50.9	52.0	55.6	59.4	47.2	48.2	51.5	55.0
		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	5.64	5.75	5.92	6.10	6.05	6.17	6.36	6.56	6.41	6.54	6.75	6.96	6.73	6.87	7.09	7.32	7.00	7.15	7.38	7.62	7.24	7.39	7.63	7.88
	1760	MBh	54.7	55.9	59.7	63.9	53.5	54.6	58.4	62.4	52.2	53.3	57.0	60.9	50.9	52.0	55.6	59.4	48.4	49.4	52.8	56.4	44.8	45.8	48.9	52.3
		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	5.55	5.66	5.83	6.01	5.95	6.08	6.26	6.46	6.31	6.44	6.64	6.85	6.62	6.76	6.98	7.20	6.89	7.04	7.26	7.50	7.12	7.27	7.51	7.75
85	2240	MBh	60.4	61.5	64.5	68.8	59.0	60.1	63.0	67.2	57.6	58.7	61.5	65.6	56.2	57.2	60.0	64.0	53.3	54.4	57.0	60.8	49.4	50.4	52.8	56.3
		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	5.72	5.84	6.01	6.20	6.14	6.27	6.46	6.66	6.51	6.65	6.86	7.07	6.84	6.98	7.20	7.44	7.12	7.27	7.50	7.75	7.36	7.52	7.76	8.01
	2000	MBh	58.6	59.7	62.6	66.8	57.2	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6
		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	5.68	5.79	5.97	6.15	6.09	6.22	6.41	6.61	6.46	6.60	6.80	7.02	6.78	6.93	7.15	7.38	7.06	7.21	7.44	7.68	7.30	7.45	7.69	7.95
	1760	MBh	55.7	56.8	59.4	63.4	54.4	55.4	58.1	61.9	53.1	54.1	56.7	60.5	51.8	52.8	55.3	59.0	49.2	50.2	52.5	56.0	45.6	46.5	48.7	51.9
		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	5.59	5.70	5.88	6.05	6.00	6.12	6.31	6.51	6.36	6.49	6.69	6.91	6.68	6.82	7.03	7.26	6.95	7.09	7.32	7.56	7.18	7.33	7.57	7.81

* Entering Indoor Temperature - Degrees F. Dry Bulb

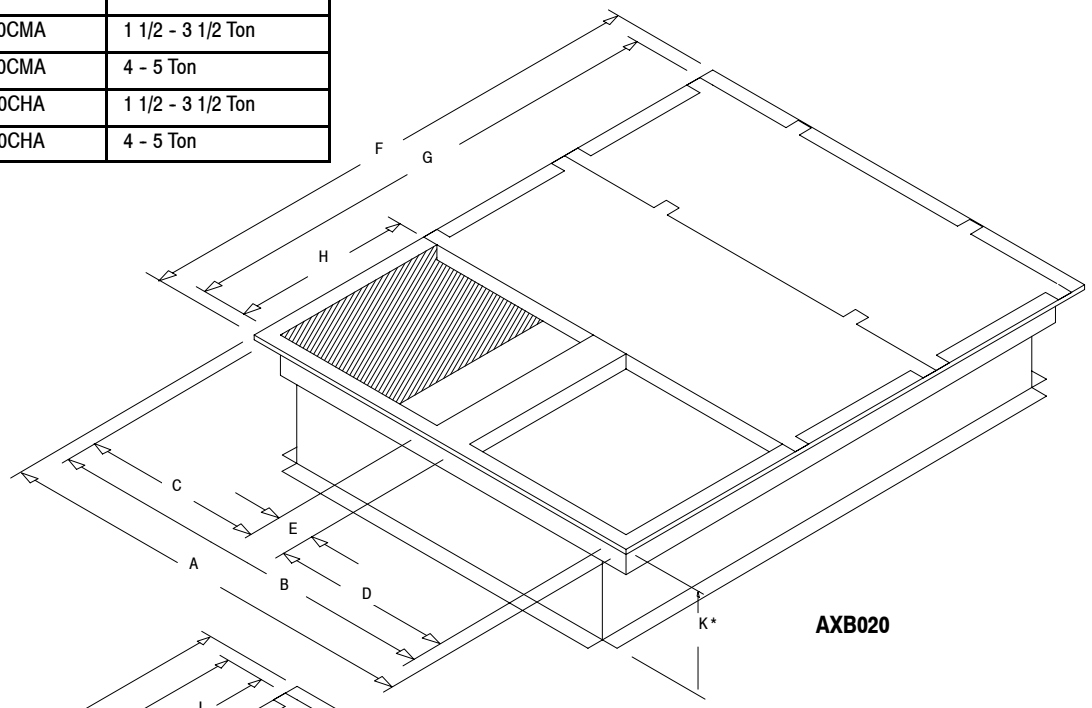
Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

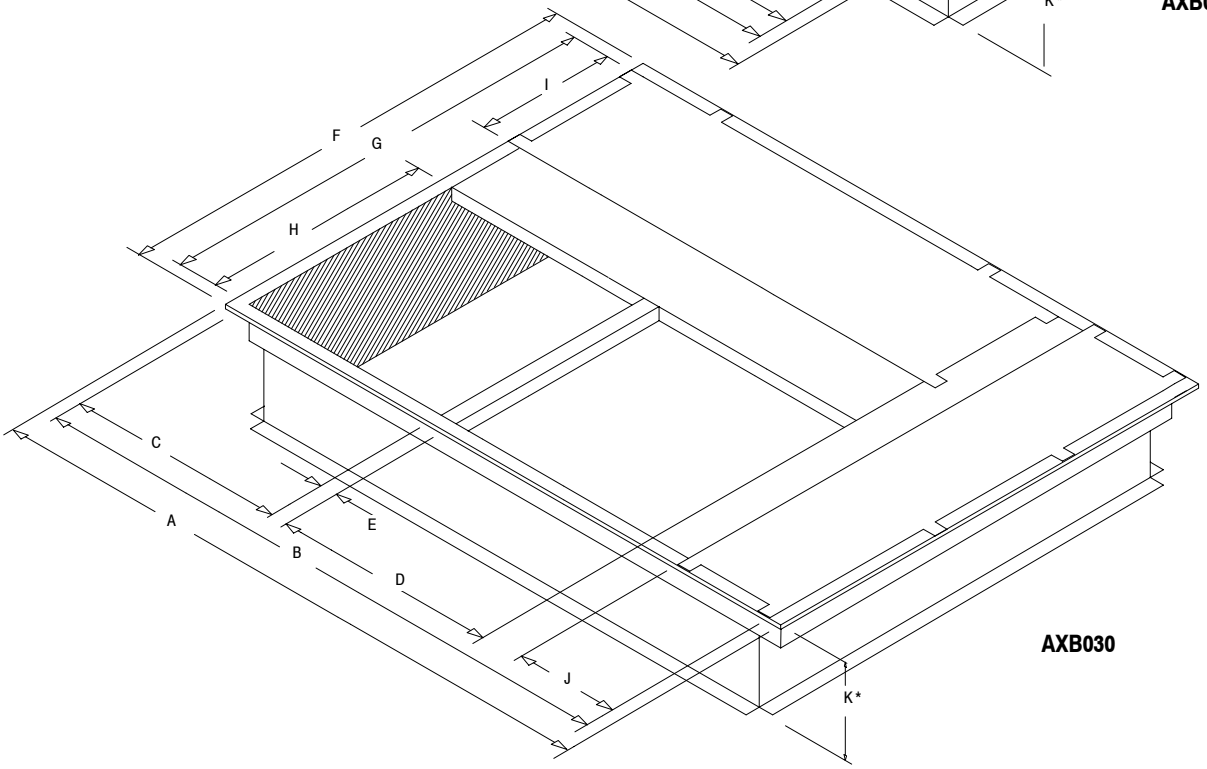
ACCESSORIES: ROOF CURBS

These curbs are designed specifically for use with our combination gas/electric units. They are constructed of heavy gauge steel and designed for water tight installation.

Description	Mainline Model Number	Used on
8"	AXB020CLA	1 1/2 - 3 1/2 Ton
	AXB030CLA	4 - 5 Ton
14"	AXB020CMA	1 1/2 - 3 1/2 Ton
	AXB030CMA	4 - 5 Ton
24"	AXB020CHA	1 1/2 - 3 1/2 Ton
	AXB030CHA	4 - 5 Ton



AXB020



AXB030

ROOF CURB DIMENSIONS (INCHES)

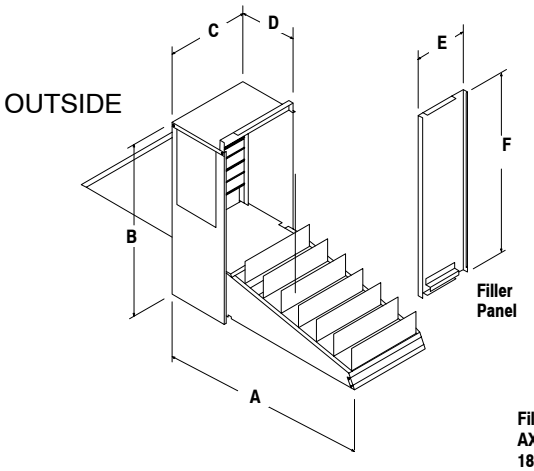
Model No.	A	B	C	D	E	F	G	H	I	J	K (L)	K (M)	K (H)
AXB020C*A	42-3/4	39-3/4	18	18	3-3/4	42-3/4	39-3/4	18	-	-	8	14	24
AXB030C*A	67-3/4	64-3/4	23	23	2-1/2	42-3/4	39-3/4	23	12	12	8	14	24

* ROOF CURBS AVAILABLE IN 8", 14" and 24" HEIGHTS (K DIMENSIONS)

ACCESSORIES

ECONOMIZER FEATURES: DOWNFLOW AND HORIZONTAL

- Provides outdoor air ventilation, automatic free cooling when favorable outside conditions exist, with pressure relief for proper air balance on selected models.
- Interconnecting wiring furnished
- 24 volt system
- Center mounted, dual action, dampers with gasketing ensure proper seal.
- Barometric pressure relief damper is standard on some models.
- Enthalpy controls on selected models.



Modulating & Three Position Economizers

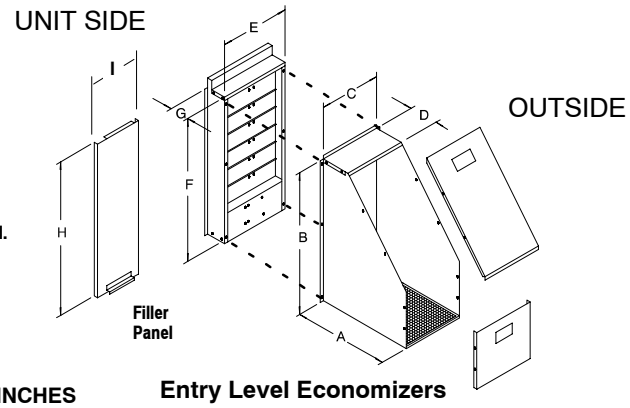
Filter racks are included with AXB020E economizers. Requires 18 X 25 X 1 or 2 Filter, Field Supplied.**

ECONOMIZERS - DOWNFLOW

Description	Model Number	Used on
Fully Modulating	AXB020EMC (1)	1 1/2 - 3 1/2 Ton
Three Position	AXB020EPD (2)	1 1/2 - 3 1/2 Ton
Three Position (Entry Level)	AXB020ECA (3)	1 1/2 - 3 1/2 Ton

Description	Model Number	Used on
Fully Modulating	AXB030EMC (1)	4 - 5 Ton
Three Position	AXB030EPD (2)	4 - 5 Ton
Three Position (Entry Level)	AXB030ECA (3)	4 - 5 Ton

(1) - Ambient/Enthalpy Control; Includes Return Air Damper & Relief Damper.
(2) - Ambient Control Only; Includes Return Air Damper & Relief Damper.
(3) - Ambient Control Only; No Return Air Damper; No Relief Damper.



Entry Level Economizers

ALL DIMENSIONS IN INCHES

80-00-54

Economizer Model No.	A	B	C	D	E	F
AXB020E**	29	27-1/2	12-3/4	10-7/8	7-1/2	29-1/2
AXB030E**	35	31	14-3/4	10-7/8	9-3/8	32-1/2

Economizer Model No.	A	B	C	D	E	F	G	H	I
AXB020ECA	$20^1/_4$	26-1/2	11	6	$12^3/_4$	$27^1/_2$	$4^1/_8$	$29^1/_2$	7-1/2
AXB030ECA	$20^1/_4$	30	13	6	$12^3/_4$	31	$4^1/_8$	$32^1/_2$	9-3/8

ECONOMIZERS - HORIZONTAL

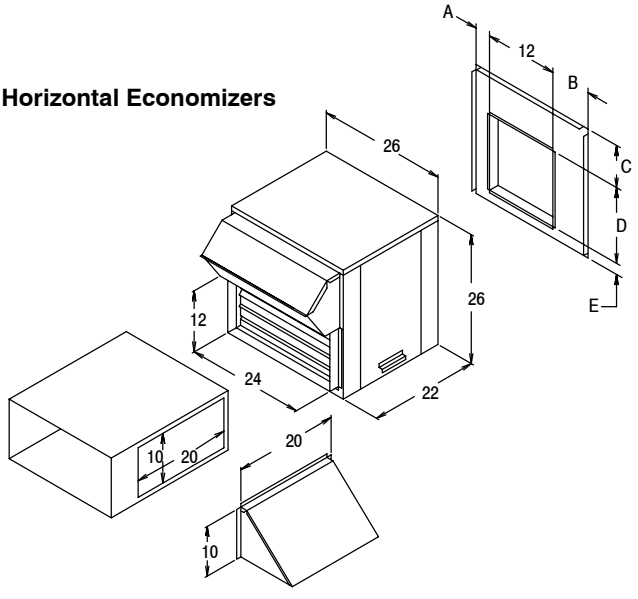
Description	Model Number	Used on
Fully Modulating	AXB020HEC (1)	1 1/2 - 3 1/2 Ton
	AXB030HEC (1)	4 - 5 Ton
Three Position	AXB020HPD (2)	1 1/2 - 3 1/2 Ton
	AXB030HPD (2)	4 - 5 Ton

(1) - Ambient/Enthalpy Control; Includes Return Air Damper & Relief Damper.
(2) - Ambient Control Only; Includes Return Air Damper & Relief Damper.

Economizer Model No.	A	B	C	D	E
AXB020H**	5	8-3/4	8-1/2	14-1/4	3
AXB030H**	9-3/4	4	6	18-3/4	1

ALL DIMENSIONS IN INCHES

Horizontal Economizers



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

OUTDOOR AIR DAMPERS

Description	Model Number	Used on
Manual 0 - 25%	AXB020FAC	1 1/2 - 3 1/2 Ton
	AXB030FAC	4 - 5 Ton
Motorized 0 - 25%	AXB020FMC	1 1/2 - 3 1/2 Ton
	AXB030FMC	4 - 5 Ton

FILTER RACK - must use with outdoor air dampers

Description	Model Number	Used on
* Downflow	AXB020FKA	1 1/2 - 3 1/2 Ton
* Horizontal	AXB020FHC	1 1/2 - 3 1/2 Ton

* Requires 1 field supplied 18 x 25" filter.

COIL PROTECTION

Description	Mainline Part Number / Service Parts Number *	Used on
Coil Guard (Black, 1 piece)	1149591	1 1/2 to 2 Ton
Coil Guard (BlacK, 2 pieces)	AXB020CGB / 1149485	1 1/2 - 3 1/2 Ton
Coil Guard (BlacK, 3 pieces)	AXB030CGB / 1149486	4 - 5 Ton
Coil Guard (BlacK, 2 pieces)	AXB020HGB / 1068133	1 1/2 - 3 1/2 Ton
Coil Guard (BlacK, 3 pieces)	AXB030HGB / 1068134	4 - 5 Ton

* Available through Service Parts **only.**

FOSSIL FUEL CONVERSION (0' - 2000')

Description	Service Parts Number *	Used on Heat Input
Natural to LP Gas	1172663	40, 60, 80, 100, 120, 140 MBTUH
LP to Natural Gas	1172664	40, 60, 80, 100, 120, 140 MBTUH

* Available through Service Parts **only.** For High Altitude conversions, see installation instructions.

CONCENTRIC DUCT KIT

Description	Mainline Model Number	Used on
Roof Curb Transition	AXB020CTA	1 1/2 - 3 1/2 Ton
(For Round Duct)	AXB030CTA	4 - 5 Ton
Grille, Flush Mount *	AXB020CFA	1 1/2 - 3 1/2 Ton
	AXB030CFA	4 - 5 Ton
Grille, Step Down *	AXB020CSA	1 1/2 - 3 1/2 Ton
	AXB030CSA	4 - 5 Ton

* Includes grille and diffuser / transtion box.

LOW AMBIENT CONTROLS

Description	Service Parts Number *	Used on
To 0º F	1148232	1 1/2 - 3 1/2 Ton
To 0º F	1148233	4 - 5 Ton

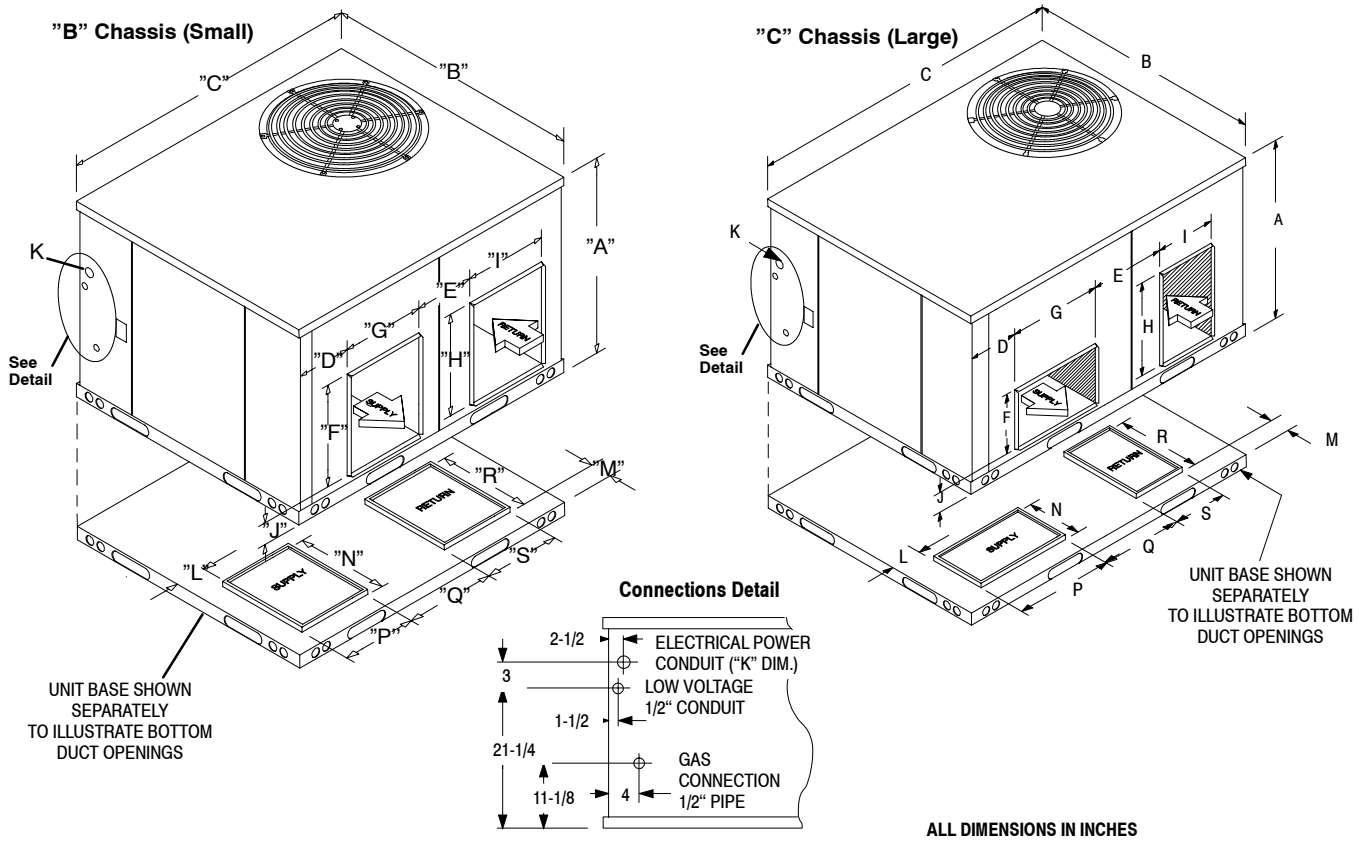
* Available through Service Parts **only.**

INTERNAL FILTERS AND ACCESSORIES

Description	Service Parts Number *	Used on
Filter Retainer (2 Req.)	1054517	4 - 5 Ton
Filter (2 Req.)	1054503	4 - 5 Ton
Handle, Filter Access Panel	1068209	4 - 5 Ton

* Available through Service Parts **only.**

UNIT DIMENSIONS



ALL DIMENSIONS IN INCHES

Model No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N **	P **	Q	R	S	Inside Base Rail
PGAA18 -42	32-1/2	47-3/8	47-3/8	3-1/8	11-1/8	12	14-1/4	14-1/4	12	4	3/4 - 1	4-1/4	4-3/8	14-1/2	12-1/4	12-1/8	14-1/4	12-1/4	43-1/8 x 43-1/8
PGAA48- 60	36	47-3/8	73	4-5/8	15	12	18-3/4	18-3/4	12	4	1 - 1-1/4	4-1/4	5-1/4	12-1/4	19	15	19	12-1/4	68-3/4 x 43-1/8

*** NOTE:** The base rail width is 2-1/8 inches, all around base of unit.

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER	P	G	A	A	18	B	1	K	E

PRODUCT FAMILY
P = Single Package

FUEL (Heating)
G = Gas

DESIGN SERIES

RESIDENTIAL UNIT INDICATOR
A = Standard Efficiency

COOLING CAPACITY (NOMINAL BTUH)

18 = 1-1/2 Ton	42 = 3-1/2 Ton
24 = 2 Ton	48 = 4 Ton
30 = 2-1/2 Ton	60 = 5 Ton
36 = 3 Ton	

GAS HEAT INPUT

B = 40,000	E= 100,000
C = 60,000	F = 120,000
D = 80,000	G = 140,000

BLOWER OPTIONS
1 = Standard Direct Drive

ELECTRICAL
K = 208 / 230-1-60

SALES CODE

GUIDE SPECIFICATION

CABINET

The cabinet is made of G-90 galvanized steel, phosphate coated with a tough acrylic finish coat for long lasting weatherproof construction. The base rails are 18 gauge steel with fork lift slots and holes provided for lifting shackles. The unit is designed with convertible airflow for either horizontal or downflow applications with conversion accomplished by relocating two panels. Indoor blower compartment interior cabinet surfaces are insulated with a minimum 3/4" thick, flexible glass insulation, coated on the air side. Aluminum foil faced glass fiber insulation is used in the funace compartment.

COOLING SECTION

The unit is factory charged and operationally ready upon delivery. The unit refrigerant circuit has a high efficiency fully hermetic compressor with internal overload protection, and copper tube / aluminum fin evaporator and condenser coils. The unit is designed for cooling operation to 40º F and will be capable of being wired for field installed economizer type accessories.

COILS

The evaporator and condenser coils are fabricated with aluminum fins mechanically bonded to copper tubing. Both coils are pressure tested prior to assembly into the unit and electronically leak tested after assembly into the unit.

CONDENSER FAN

The unit has a single direct-drive propeller-fan / motor assembly. The assembly is mounted directly to a vertical-discharge grille that is easily removed for service. Motors are 1100 RPM with sleeve or ball bearings and internal overload protection.

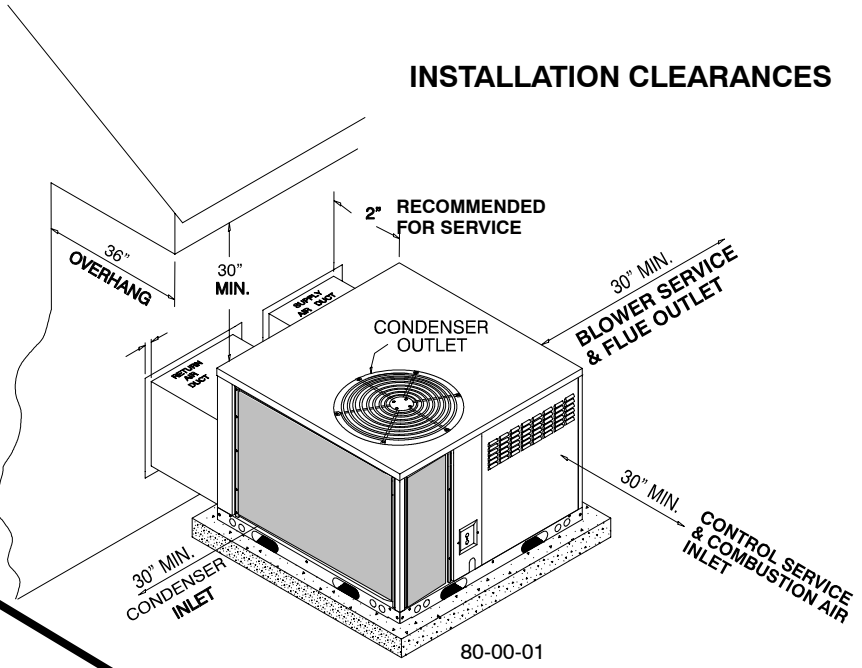
EVAPORATOR BLOWER

All units have a direct-drive evaporator blower motor as a standard. The direct-drive evaporator blower motor has sleeve bearings and internal overload protection.

HEATING SECTION

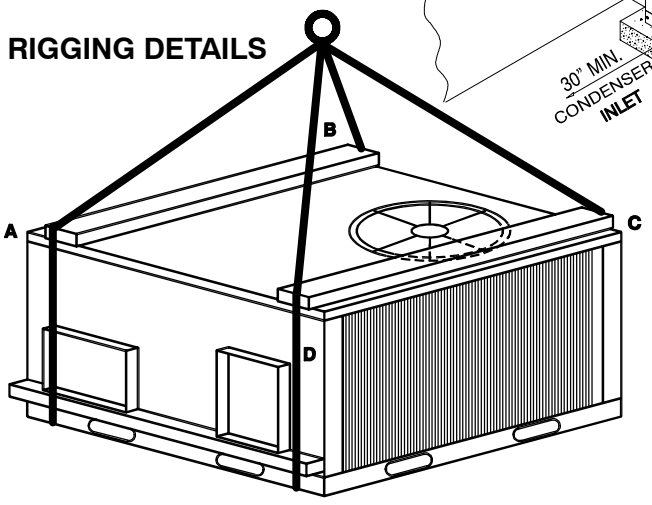
The gas-fired heating section features an induced draft blower for combustion air. The unit has an stainless steel tubular heat exchanger located on the discharge air side of the blower. The system uses in-shot burners ignited by a hot surface pilot ignition system, protected by both a high heat limit switch and flame roll-out switch. The induced draft blower motor is interlocked with a proven air pressure safety device.

INSTALLATION CLEARANCES



80-00-01

RIGGING DETAILS



CORNER WEIGHTS (LBS)

MODEL	A	B	C	D	OPERATING WEIGHT TOTAL
PGAA18	82	113	110	81	386
PGAA24	85	116	112	83	396
PGAA30	87	119	119	87	412
PGAA36	88	110	125	99	422
PGAA42	90	103	129	114	436
PGAA48	130	161	161	130	582
PGAA60	137	169	169	137	612