



PGMD / PGCA Series

10 SEER

PACKAGE COOLING

1-1/2 THRU 5 TON SINGLE PHASE

CONVERTIBLE SINGLE PACKAGE GAS/ELECTRIC UNIT

SINGLE PACKAGE

- Efficiency: **PGMD** - Standard Models, **PGCA** - Low NOx. Models
- 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 down-flow 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 continuous fan feature responds quickly to circulate heated air and provide maximum comfort.

IN-SHOT BURNERS

- New design delivers more complete, efficient combustion.

STAINLESS STEEL TUBULAR HEAT EXCHANGER

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

EVAPORATOR BLOWER

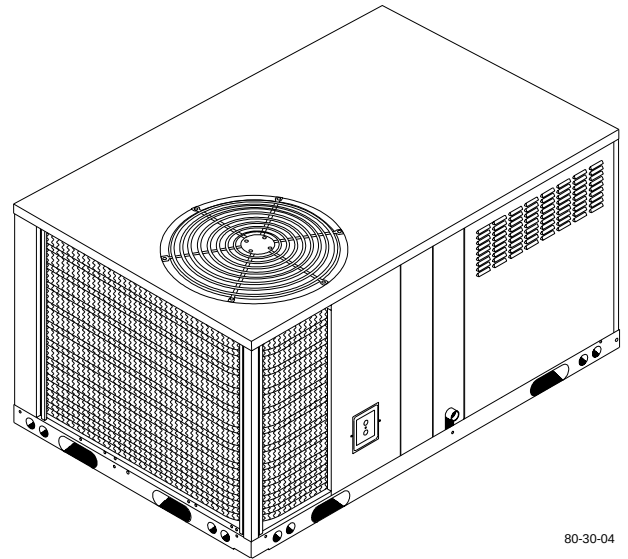
- All model sizes are equipped with multiple speed direct drive blower motors to provide proper air flow for both heating and cooling requirements.

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.



80-30-04



UNIT SPECIFICATIONS

MODEL NUMBER	Electrical Data				Condenser Data								
					Coil			Fan Motor			Fan		
	208 / 230 Voltage Phase - Hz	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.)
PGMD18G040E / PGCA18B1KE	1-60	20 amps.	20 amps.	14.00	8.35	20 / 1	3/8	1/5	1.3	2.36	20.375	1145	2250
PGMD18G060E / PGCA18C1KE	1-60	20 amps.	20 amps.	14.00				1/5	1.3	2.36	20.375	1145	2250
PGMD24G040E / PGCA24B1KE	1-60	20 amps.	25 amps.	16.50	11.47	20 / 1	3/8	1/3	1.4	3.57	20.375	1145	2250
PGMD24G060E / PGCA24C1KE	1-60	20 amps.	25 amps.	16.50				1/3	1.4	3.57	20.375	1145	2250
PGMD24G080E / PGCA24D1KE	1-60	20 amps.	25 amps.	16.70				1/3	1.4	3.57	20.375	1145	2250
PGMD30G060E / PGCA30C1KE	1-60	25 amps.	30 amps.	20.90	11.47	20 / 1	3/8	1/3	1.4	3.70	20.375	1135	3000
PGMD30G080E / PGCA30D1KE	1-60	25 amps.	30 amps.	20.90				1/3	1.4	3.70	20.375	1135	3000
PGMD36G060E / PGCA36C1KE	1-60	30 amps.	35 amps.	24.80	11.47	20 / 1	3/8	1/3	1.4	3.70	20.375	1135	3000
PGMD36G080E / PGCA36D1KE	1-60	30 amps.	35 amps.	24.80				1/3	1.4	3.70	20.375	1135	3000
PGMD36G100E / PGCA36E1KE	1-60	35 amps.	40 amps.	24.80				1/3	1.4	3.70	20.375	1135	3000
PGMD42G060E / PGCA42C1KE	1-60	40 amps.	50 amps.	33.30	11.47	20 / 2	3/8	1/3	1.4	3.70	20.375	1135	3000
PGMD42G100E / PGCA42E1KE	1-60	40 amps.	50 amps.	33.30				1/3	1.4	3.70	20.375	1135	3000
PGMD48G080E / PGCA48D1KE	1-60	40 amps.	60 amps.	34.10	17.2	20 / 1	3/8	1/2	1.8	6.20	22	1155	4000
PGMD48G120E / PGCA48F1KE	1-60	40 amps.	60 amps.	34.30				1/2	1.8	6.20	22	1155	4000
PGMD60G080E / PGCA60D1KE	1-60	60 amps.	60 amps.	46.20	17.2	20 / 2	3/8	3/4	2.6	9.52	22	1155	4500
PGMD60G100E / PGCA60E1KE	1-60	60 amps.	60 amps.	46.20				3/4	2.6	9.52	22	1155	4500
PGMD60G140E / PGCA60G1KE	1-60	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.)	Ship Weight (Lbs.)	Sound Rating
	Coil			Blower H.P. / Type / Speeds	Motor		Blower			Type	Rated Load Amps	Locked Rotor Amps			
	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)		Full Load Amps	Locked Rotor Amps	Type & Size	RPM (Max)	CFM Rated						
PGMD18G040E / PGCA18B1KE	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
PGMD18G060E / PGCA18C1KE					1.5	1.81	DD10-6A	900	600		7.2	48	64	410	
PGMD24G040E / PGCA24B1KE	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
PGMD24G060E / PGCA24C1KE					2.1	3.08	DD10-6A	1050	800		10.7	56	78	410	
PGMD24G080E / PGCA24D1KE	3.56	14 / 3	3/8	1/3 / PSC / 3	2.3	4.10	DD10-8A	1100	800		10.7	56	78	410	
PGMD30G060E / PGCA30C1KE	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
PGMD30G080E / PGCA30D1KE					2.3	4.10	DD10-8A	1100	900		13.7	75	74	425	
PGMD36G060E / PGCA36C1KE	3.56	14 / 4	3/8	1/2 / PSC / 4	4.0	7.50	DD10-8AT	1075	1200	SCROLL	15.5	93	64	435	7.6
PGMD36G080E / PGCA36D1KE					4.0	7.50	DD10-8AT	1075	1200		15.5	93	64	435	
PGMD36G100E / PGCA36E1KE	3.56	14 / 3	3/8	1/2 / PSC / 4	4.0	7.50	DD10-8AT	1075	1200		15.5	93	64	435	
PGMD42G060E / PGCA42C1KE	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
PGMD42G100E / PGCA42E1KE					5.6	12.85	DD11-9AT	1145	1400		21.0	127	99	455	
PGMD48G080E / PGCA48D1KE	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
PGMD48G120E / PGCA48F1KE				1 / PSC / 3	4.6	7.94	DD11-11A	1125	1600		22.3	131	104	600	
PGMD60G080E / PGCA60D1KE	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
PGMD60G100E / PGCA60E1KE					5.0	8.75	DD11-11A	1125	2000		30.9	144	180	625	
PGMD60G140E / PGCA60G1KE					6.0	8.75	DD11-11A	1150	2000		30.9	144	180	630	

PERFORMANCE DATA: HEATING

MODEL NUMBER	NOx Certified	Input (MBTUH)	Output (MBTUH)	Efficiency *	Temperature Rise ° F	Gas Piping Size (In.)	Transformer Size Va.
		Standard	Standard	(AFUE) Std.			
PGMD18G040E	NO	40	31	78.0	35-65	1/2	40
PGCA18B1KE	YES	40	31	78.0	35-65	1/2	40
PGMD18G060E	NO	60	48	78.0	35-65	1/2	40
PGCA18C1KE	YES	60	47	78.0	35-65	1/2	40
PGMD24G040E	NO	40	31	78.0	35-65	1/2	40
PGCA24B1KE	YES	40	31	78.0	35-65	1/2	40
PGMD24G060E	NO	60	48	78.0	35-65	1/2	40
PGCA24C1KE	YES	60	47	78.0	35-65	1/2	40
PGMD24G080E	NO	80	62	78.0	35-65	1/2	40
PGCA24D1KE	YES	80	62	78.0	35-65	1/2	40
PGMD30G060E	NO	60	48	78.0	35-65	1/2	40
PGCA30C1KE	YES	60	47	78.0	35-65	1/2	40
PGMD30G080E	NO	80	62	78.0	35-65	1/2	40
PGCA30D1KE	YES	80	62	78.0	35-65	1/2	40
PGMD36G060E	NO	60	48	78.0	35-65	1/2	40
PGCA36C1KE	YES	60	47	78.0	35-65	1/2	40
PGMD36G080E	NO	80	62	78.0	35-65	1/2	40
PGCA36D1KE	YES	80	62	78.0	35-65	1/2	40
PGMD36G100E	NO	100	79	78.0	35-65	1/2	40
PGCA36E1KE	YES	100	78	78.0	35-65	1/2	40
PGMD42G060E	NO	60	48	78.0	35-65	1/2	40
PGCA42C1KE	YES	60	47	78.0	35-65	1/2	40
PGMD42G100E	NO	100	78	78.0	35-65	1/2	40
PGCA42E1KE	YES	100	78	78.0	35-65	1/2	40
PGMD48G080E	NO	80	62	78.0	35-65	1/2	40
PGCA48D1KE	YES	80	62	78.0	35-65	1/2	40
PGMD48G120E	NO	120	95	78.0	35-65	1/2	40
PGCA48F1KE	YES	120	94	78.0	35-65	1/2	40
PGMD60G080E	NO	80	62	78.0	35-65	1/2	40
PGCA60D1KE	YES	80	62	78.0	35-65	1/2	40
PGMD60G100E	NO	100	78	78.0	35-65	1/2	40
PGCA60E1KE	YES	100	78	78.0	35-65	1/2	40
PGMD60G140E	NO	140	110	78.0	35-65	1/2	40
PGCA60G1KE	YES	140	109	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
PGMD18G040E / PGCA18B1KE	17,000	.76	10.0	8.95	1899	600	.15
PGMD18G060E / PGCA18C1KE							
PGMD24G040E / PGCA24B1KE	22,800	.78	10.05	8.85	2567	800	.15
PGMD24G060E / PGCA24C1KE							
PGMD24G080E / PGCA24D1KE							
PGMD30G060E / PGCA30C1KE	27,200	.72	10.0	8.60	3168	900	.23
PGMD30G080E / PGCA30D1KE							
PGMD36G060E / PGCA36C1KE	34,000	.77	10.0	8.85	3841	1200	.20
PGMD36G080E / PGCA36D1KE							.20
PGMD36G100E / PGCA36E1KE							.30
PGMD42G060E / PGCA42C1KE	40,000	.76	10.0	8.50	4705	1400	.20
PGMD42G100E / PGCA42E1KE							
PGMD48G080E / PGCA48D1KE	45,000	.78	10.05	8.85	5085	1600	.30
PGMD48G120E / PGCA48F1KE							.20
PGMD60G080E / PGCA60D1KE	58,500	.76	10.0	8.25	7090	2000	.30
PGMD60G100E / PGCA60E1KE							
PGMD60G140E / PGCA60G1KE							

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

						Factory Shipped Speed Setting		External Static Pressure (in. H ₂ O)											
Model Number	Motor HP	Wheel Size (D x W)	No. of Speeds	Heating Rise Range (°F)	Motor Speed	Heat	Cool	.2"		.3"		.4"		.5"		.6"		.7"	
								CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)
PGCA18B1KE PGMD18G040E	1/6	10 x 6	3	35 - 65	HI			820	35	785	37	750	39	715	40	670	43	615	47
					MD			750	39	715	40	685	42	645	45	600	48	550	53
					LO	LO	LO	615	47	585	49	550	53	515	56	470	61	415	NA
PGCA18C1KE PGMD18G060E	1/6	10 x 6	3	35 - 65	HI	HI		820	53	785	55	750	58	715	61	670	65	615	NA
					MD			750	58	715	61	685	63	645	NA	600	NA	550	NA
					LO		LO	615	NA	585	NA	550	NA	515	NA	470	NA	415	NA
PGCA24B1KE PGMD24G040E	1/4	10 x 6	4	35 - 65	HI			995	NA	960	NA	925	NA	880	NA	835	35	780	37
					MD HI			825	35	805	36	775	37	745	39	705	41	660	44
					MD LO			725	40	705	41	675	43	650	44	615	47	570	51
					LO	LO	LO	620	47	605	48	585	49	565	51	530	55	485	60
PGCA24C1KE PGMD24G060E	1/4	10 x 6	4	35 - 65	HI	HI		995	44	960	45	925	47	880	49	835	52	780	56
					MD HI			825	53	805	54	775	56	745	58	705	61	660	NA
					MD LO			725	60	705	61	675	64	650	NA	615	NA	570	NA
					LO		LO	620	NA	605	NA	585	NA	565	NA	530	NA	485	NA
PGCA24D1KE PGMD24G080E	1/3	10 x 8	3	35 - 65	HI	HI		1191	49	1126	51	1058	55	964	60	845	NA	732	NA
					MD			950	61	909	64	857	NA	791	NA	714	NA	622	NA
					LO		LO	820	NA	793	NA	755	NA	703	NA	634	NA	548	NA
PGCA30C1KE PGMD30G060E	1/3	10 x 8	3	35 - 65	HI			1191	36	1126	38	1058	41	964	45	845	51	732	59
					MD	MD	MD	950	46	909	48	857	51	791	55	714	61	622	NA
					LO			820	53	793	55	755	57	703	62	634	NA	548	NA
PGCA30D1KE PGMD30G080E	1/3	10 x 8	3	35 - 65	HI	HI		1191	49	1126	51	1058	55	964	60	845	NA	732	NA
					MD		MD	950	61	909	64	857	NA	791	NA	714	NA	622	NA
					LO			820	NA	793	NA	755	NA	703	NA	634	NA	548	NA
PGCA36C1KE PGMD36G060E	1/2	10 x 8	4	35 - 65	HI			1645	NA	1580	NA	1515	NA	1450	NA	1385	NA	1315	NA
					MD HI			1490	NA	1440	NA	1385	NA	1330	NA	1270	NA	1210	36
					MD LO			1295	NA	1270	NA	1235	35	1195	36	1145	38	1095	40
					LO	LO	LO	1070	40	1055	41	1040	42	1020	42	990	44	955	45
PGCA36D1KE PGMD36G080E	1/2	10 x 8	4	35 - 65	HI			1645	35	1580	37	1515	38	1450	40	1385	42	1315	44
					MD HI			1490	39	1440	40	1385	42	1330	43	1270	45	1210	48
					MD LO	MDLO		1295	45	1270	45	1235	47	1195	48	1145	50	1095	53
					LO		LO	1070	54	1055	55	1040	56	1020	57	990	58	955	61
PGCA36E1KE PGMD36G100E	1/2	10 x 8	4	35 - 65	HI	HI		1645	44	1580	46	1515	48	1450	50	1385	52	1315	55
					MD HI			1490	48	1440	50	1385	52	1330	54	1270	57	1210	60
					MD LO			1295	56	1270	57	1235	58	1195	60	1145	63	1095	NA
					LO		LO	1070	NA	1055	NA	1040	NA	1020	NA	990	NA	955	NA
PGCA42C1KE PGMD42G060E	3/4	11 x 9	4	35 - 65	HI			1617	NA	1543	NA	1479	NA	1388	NA	1304	NA	1202	NA
					MD HI		MD HI	1459	NA	1405	NA	1344	NA	1279	NA	1203	NA	1123	39
					MD LO			1253	NA	1236	NA	1219	36	1170	37	1116	39	1042	42
					LO	LO		1070	40	1024	42	1021	42	1013	43	982	44	925	47
PGCA42E1KE PGMD42G100E	3/4	11 x 9	4	35 - 65	HI	HI		1617	45	1543	47	1479	49	1388	52	1304	55	1202	60
					MD HI		MD HI	1459	50	1405	51	1344	54	1279	56	1203	60	1123	64
					MD LO			1253	58	1236	58	1219	59	1170	62	1116	65	1042	NA
					LO			1070	NA	1024	NA	1021	NA	1013	NA	982	NA	925	NA
PGCA48D1KE PGMD48G080E	1/2	10 x 9	4	35 - 65	HI			1860	NA	1795	NA	1725	NA	1650	35	1570	37	1485	39
					MD HI		MD HI	1735	NA	1680	NA	1620	36	1560	37	1485	39	1405	41
					MD LO			1540	38	1505	38	1465	39	1415	41	1350	43	1280	45
					LO	LO		1460	40	1430	40	1395	41	1345	43	1290	45	1225	47
PGCA48F1KE PGMD48G120E	1	11 x 11	3	35 - 65	HI			2127	41	2076	42	2029	43	1978	44	1912	45	1827	47
					MD	MD	MD	1745	50	1727	50	1702	51	1674	52	1644	53	1592	54
					LO			1628	53	1627	53	1613	54	1576	55	1547	56	1507	58
PGCA60D1KE PGMD60G080E	1	11 x 11	4	35 - 65	HI			2250	NA	2190	NA	2125	NA	2060	NA	1990	NA	1915	NA
					MD HI			2090	NA	2045	NA	1995	NA	1935	NA	1875	NA	1805	NA
					MD LO			1650	35	1630	35	1600	36	1565	37	1525	38	1475	39
					LO	LO	LO	1315	44	1300	44	1280	45	1255	46	1225	47	1185	49
PGCA60E1KE PGMD60G100E	1	11 x 11	4	35 - 65	HI			2250	NA	2190	NA	2125	NA	2060	35	1990	36	1915	38
					MD HI			2090	35	2045	35	1995	36	1935	37	1875	39	1805	40
					MD LO	MD LO		1650	44	1630	44	1600	45	1565	46	1525	47	1475	49
					LO		LO	1315	55	1300	56	1280	56	1255	58	1225	59	1185	61
PGCA60G1KE PGMD60G140E	1	11 x 11	4	35 - 65	HI			2400	43	2365	44	2308	45	2225	47	2146	48	2060	50
					MD HI			2370	44	2343	44	2281	45	2200	47	2121	49	2039	51
					MD LO	MD LO		2274	46	2207	47	2149	48	2086	50	2011	52	1933	54
					LO		LO	2172	48	2127	49	2067	50	2014	51	1946	53	1870	55

NOTES:

NA = Not Allowed for Heating Speed.

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA (COOLING) - PGMD18G040E, PGMD18G060E, PGCA18B1KE, PGCA18C1KE

Airflow IDB* 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	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) - PGMD24G040E, PGMD24G060E, PGMD24G080E, PGCA24B1KE, PGCA24C1KE, PGCA24D1KE

Airflow IDB* 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	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	-				
75	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	-				
	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				
80	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				
85	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				
85	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				
	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	0.90	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				
85	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) - PGMD30G060E, PGMD30G080E, PGCA30C1KE, PGCA30D1KE

Airflow IDB* 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	4.2	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	4.2	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				

EXPANDED PERFORMANCE DATA (COOLING) - PGMD36G060E, PGMD36G080E, PGMD36G100E, PGCA36C1KE, PGCA36D1KE, PGCA36E1KE

Airflow IDB* 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) - PGMD42G060E, PGMD42G100E, PGCA42C1KE, PGCA42E1KE

Airflow IDB* 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	5.03	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				

EXPANDED PERFORMANCE DATA (COOLING) - PGMD48G080E, PGMD48G120E, PGCA48D1KE, PGCA48F1KE

Airflow IDB* 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

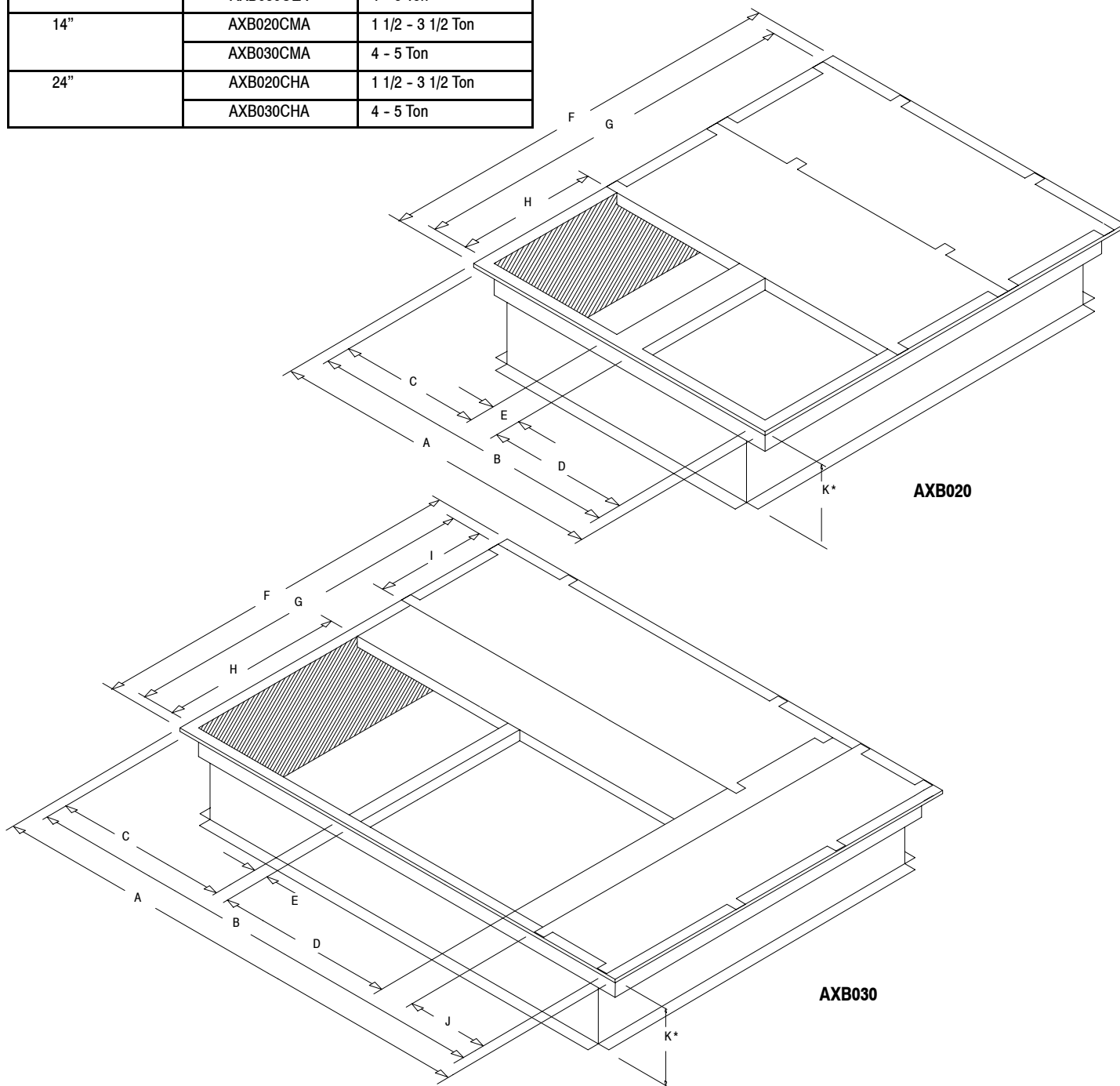
EXPANDED PERFORMANCE DATA (COOLING) - PGMD60G080E, PGMD60G100E, PGMD60G140E, PGCA60D1KE, PGCA60E1KE, PGCA60G1KE

Airflow IDB* 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	

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



ROOF CURB DIMENSIONS (INCHES)

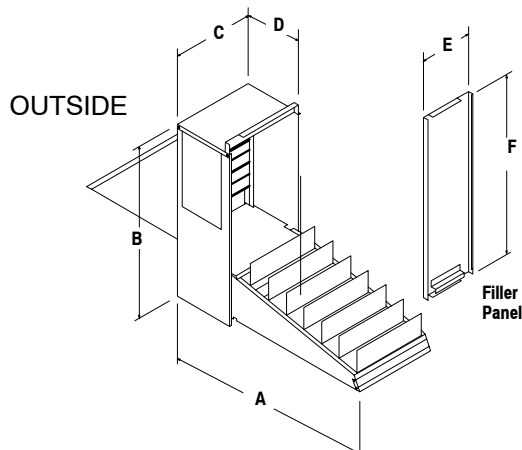
Model No.	A	B	C	D	E	F	G	H	I	J	K (L)	K (M)	K (H)
AXB020C*A	42-3/4	39-3/4	18	18	3-3/4	42-3/4	39-3/4	18	-	-	8	14	24
AXB030C*A	67-3/4	64-3/4	23	23	2-1/2	42-3/4	39-3/4	23	12	12	8	14	24

* 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.

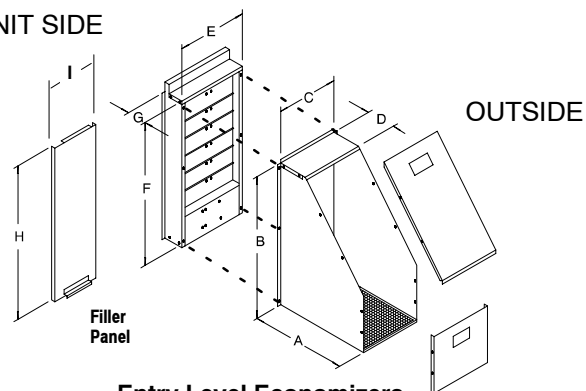


UNIT SIDE

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

Modulating & Three Position Economizers

UNIT SIDE



OUTSIDE

Entry Level Economizers

80-00-54

ALL DIMENSIONS IN INCHES

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

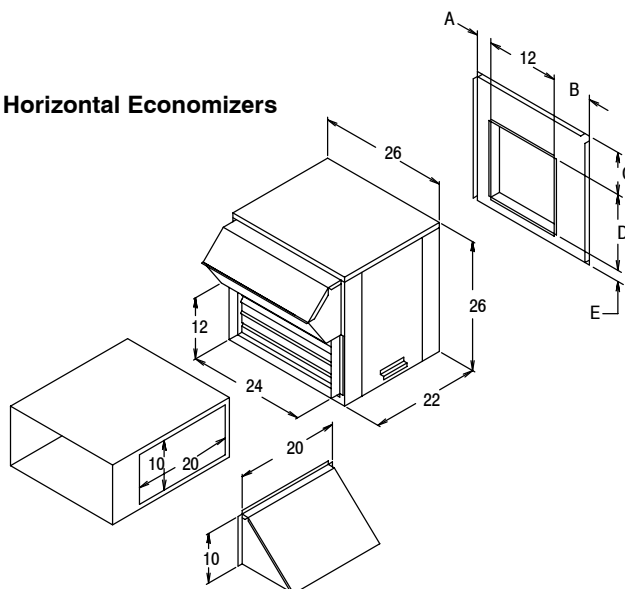
Description	Model Number	Used on
Fully Modulating	AXB020HEC (1)	1 1/2 - 3 1/2 Ton
	AXB030HEC (1)	4 - 5 Ton
Three Position	AXB020HPD (2)	1 1/2 - 3 1/2 Ton
	AXB030HPD (2)	4 - 5 Ton

- (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



ACCESSORIES (CONT...)

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 (For Round Duct)	AXB020CTA	1 1/2 - 3 1/2 Ton
	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 / transition box.

LOW AMBIENT CONTROLS

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

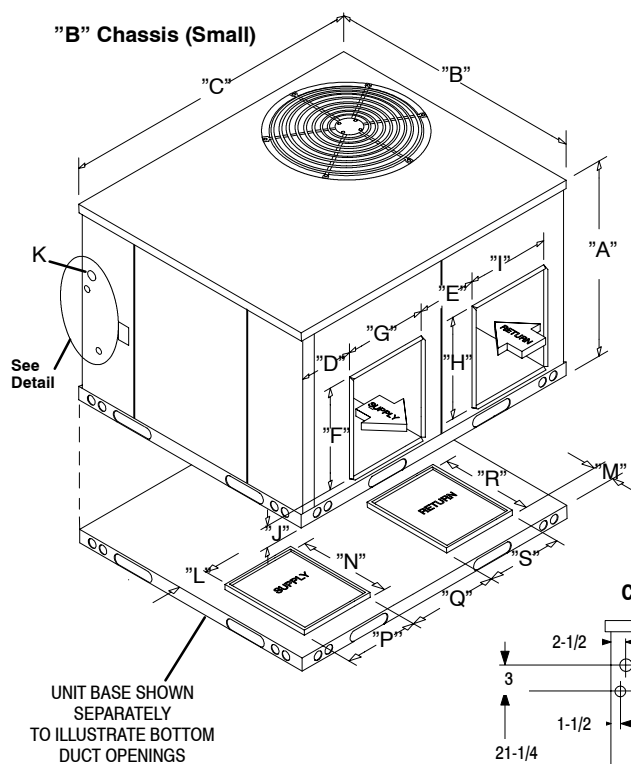
* Available through Service Parts **only**.

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

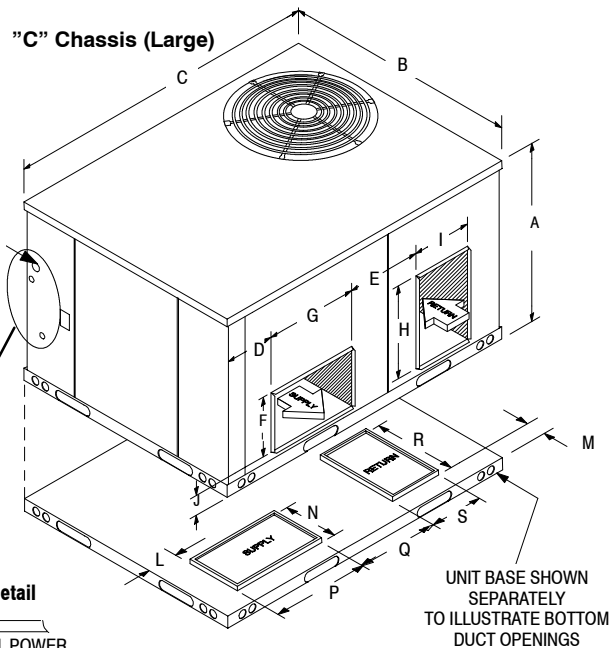
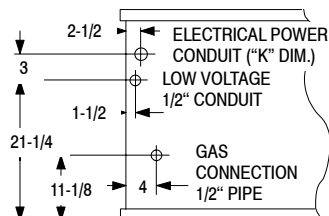
* Available through Service Parts **only**.

UNIT DIMENSIONS



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

Connections Detail



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
PGMD18-42	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
PGMD48-60	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
PGCA18-42	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
PGCA48-60	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

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER	P	G	M	D	18	G	040	E	SALES CODE
PRODUCT FAMILY P = Single Package								GAS HEAT INPUT 040 = 40,000 100 = 100,000 060 = 60,000 120 = 120,000 080 = 80,000 140 = 140,000	
FUEL (Heating) G = Gas								ELECTRICAL CHARACTERISTICS G = 208 / 230-1-60	
MULTI-POSITION								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	
DESIGN SERIES D = Standard Efficiency									
MODEL NUMBER	P	G	C	A	18	B	1	K	E SALES CODE
PRODUCT FAMILY P = Single Package								ELECTRICAL K = 208 / 230-1-60	
FUEL (Heating) G = Gas								BLOWER OPTIONS 1 = Standard Direct Drive	
DESIGN SERIES C = Low NOx Models								GAS HEAT INPUT B = 40,000 E = 100,000 C = 60,000 F = 120,000 D = 80,000 G = 140,000	
RESIDENTIAL UNIT INDICATOR A = Standard Efficiency								COOLING CAPACITY (NOMINAL BTUH) 18 = 1-1/2 Ton, 24 = 2 Ton, 30 = 2-1/2 Ton, 36 = 3 Ton 42 = 3-1/2 Ton, 48 = 4 Ton, 60 = 5 Ton	

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 furnace 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 40° 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

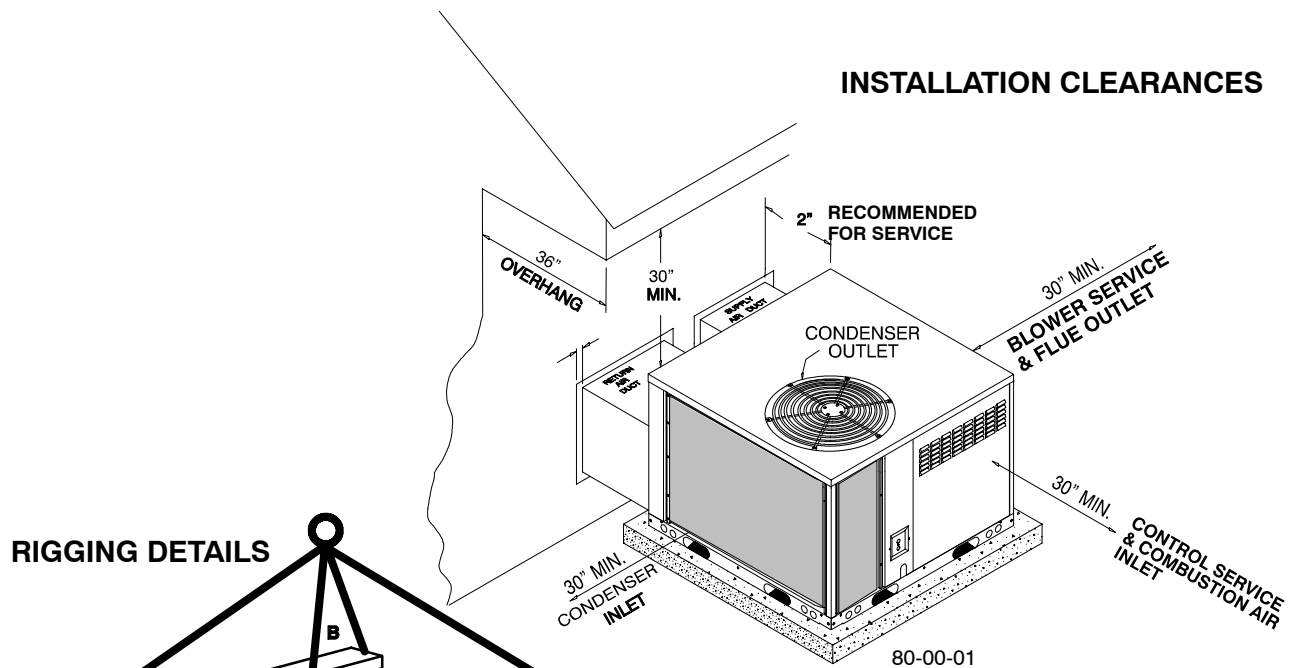
The unit has a single direct-drive propeller-fan / motor assembly. The assembly is mounted directly to a vertical-discharge grille that is easily removed for service. Motors are 1100 RPM with sleeve or ball bearings and internal overload protection.

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.



CORNER WEIGHTS (LBS)

MODEL	A	B	C	D	OPERATING WEIGHT TOTAL
PGMD18/PGCA18	82	113	110	81	386
PGMD24/PGCA24	85	116	112	83	396
PGMD30/PGCA30	87	119	119	87	412
PGMD36/PGCA36	88	110	125	99	422
PGMD42/PGCA42	90	103	129	114	436
PGMD48/PGCA48	130	161	161	130	582
PGMD60/PGCA60	137	169	169	137	612