

PGAD / PGCD Series



12 SEER
Single Phase



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



Listed By
Underwriters'
Laboratories

CONVERTIBLE SINGLE PACKAGE GAS / ELECTRIC

PGAD - Standard Models, **PGCD** - Low NOx Models.

EFFICIENCY

Single Phase, 2 thru 5 tons Cooling, 40,000 thru 140,000 BTUH Heating

SINGLE PACKAGE

- Combination gas heating and electric cooling, self contained for year-round comfort. Systems installed on rooftop or ground level.
- The unit is shipped in the horizontal position and can easily be converted to downflow.

CONSTRUCTION

- 20 gauge galvanized-painted cabinet. One piece weather resistant top. Access panels for easy service. Side by side supply and return. Heavy gauge base with rails.

CABINET

- Triple-coated steel, consisting of a Polyester top coat, a urethane primer coat preceded by an oxide pretreatment.

COMPRESSOR

- All models are equipped with high efficiency scroll compressor.

SLIDE-OUT BLOWER HOUSING

- Specially designed track enhances evaporator motor and blower serviceability.

IMPROVED INSULATION

- Dual density insulation improves temperature separation.

COPPER TUBE/ALUMINUM FIN COILS

- Enhanced aluminium fins mechanically bonded to copper tubes for improved heat transfer.

METERING DEVICE

- Thermostat Expansion Valve (TXV) controls refrigerant flow, maintaining evaporator superheat for maximum efficiency.

ELECTRICAL AND GAS CONTROLS

- Located behind one exterior panel for easier maintenance.
- Electronic pilot ignition device (HSP).
- Adjustable electronic fan control with optional low speed continuous fan feature responds quickly to circulate heated air and provide maximum comfort.

INDUCED DRAFT COMBUSTION SYSTEM

- For smoother combustion and optimal efficiency.

STAINLESS STEEL TUBULAR HEAT EXCHANGER

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

IN-SHOT BURNERS

- Delivers more complete, efficient combustion.

EXTERNALLY-MOUNTED GAUGE PORTS

- Allows for more accurate reading of operating conditions while servicing.

INTEGRAL BASE RAILS

- Fork-lift access on three sides. Holes provided for lifting lugs makes rooftop installation easier.

COIL PROTECTION

- The condenser coil has a sturdy wire inlet grille and UV rated vinyl mesh installed on the surface of the coil for additional protection.

WARRANTY

- Covered under the 5 year No-Hassle Replacement Warranty.
- Additional component warranties includes:
 - 25 years on Heat Exchanger
 - 10 years on Compressor
 - 5 years on Parts

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 71 1105 00

7/13/05

UNIT SPECIFICATIONS

MODEL NUMBER	Electrical Data			Condenser Data									
				Coil			Fan Motor			Fan			
	208 / 230 Voltage Phase - Hz	HACR Breaker / Max. Fuse	Ampacity	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)	H.P.	Full Load Amps	Locked Rotor Amps	Size Diameter (In.)	Degree Pitch	RPM (Max.)	CFM (Max.)
PG(A,C)D24B1KE	1-60	25 amps.	17.9	11.47	20 / 1	3/8	1/6	1.0	3.57	20.0	18	1100	2250
PG(A,C)D24D1KE	1-60	25 amps.	18.1				1/6	1.0	3.57	20.0	18	1100	2250
PG(A,C)D30D1KE	1-60	30 amps.	20.5	11.47	20 / 1	3/8	1/3	1.3	4.04	20.0	25	1120	3000
PG(A,C)D36D1KE	1-60	40 amps.	25.0	11.45	20 / 2	3/8	1/3	1.3	4.04	20.0	25	1120	3000
PG(A,C)D36E1KE	1-60	40 amps.	25.0	11.12			1/3	1.3	4.04	20.0	25	1120	3000
PG(A,C)D42D1KE	1-60	50 amps.	31.0	17.10	20 / 2	3/8	1/2	1.8	6.42	22.0	22	1140	3500
PG(A,C)D42E1KE	1-60	50 amps.	31.0	16.41			1/2	1.8	6.42	22.0	22	1140	3500
PG(A,C)D48D1KE	1-60	50 amps.	35.8	17.10	20 / 2	3/8	1/2	1.8	6.42	22.0	22	1140	3500
PG(A,C)D48F1KE	1-60	50 amps.	36.0	16.41			1/2	1.8	6.42	22.0	22	1140	3500
PG(A,C)D60E1KE	1-60	70 amps.	42.9	17.10	20 / 2	3/8	3/4	2.7	9.52	22.0	27	1140	3500
PG(A,C)D60G1KE	1-60	70 amps.	43.9	17.10			3/4	2.7	9.52	22.0	27	1140	3500

MODEL NUMBER	Evaporator Coil								
	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
PG(A,C)D24B1KE	3.56	14 / 3	3/8	1/4 / PSC / 4	2.1	3.08	DD10-6A	1000	850
PG(A,C)D24D1KE				1/3 / PSC / 3	2.3	4.10	DD10-8A	1000	
PG(A,C)D30D1KE	3.56	14 / 4	3/8	1/3 / PSC / 3	2.3	4.10	DD10-8A	1000	1000
PG(A,C)D36D1KE	3.56	14 / 4	3/8	1/2 / PSC / 4	3.6	7.50	DD11-9A	1075	1200
PG(A,C)D36E1KE							DD11-9A	1075	
PG(A,C)D42D1KE	8.22	14 / 3	3/8	1/2 / PSC / 4	4.4	8.63	DD10-9	1075	1400
PG(A,C)D42E1KE									
PG(A,C)D48D1KE	8.22	14 / 4	3/8	1/2 / PSC / 4	4.4	8.63	DD10-9	1075	1650
PG(A,C)D48F1KE				1.0 / PSC / 3	4.6	7.94	DD11-11	1000	
PG(A,C)D60E1KE	8.22	14 / 4	3/8	1.0 / PSC / 4	5.0	8.80	DD11-11	1000	1800
PG(A,C)D60G1KE				1.0 / PSC / 4	6.0	15.14		1100	

MODEL NUMBER	Compressor		Factory Refrigerant Charge R-22 Oz.	Shipping Weight (Lbs.)	Sound Rating
	Run Load Amps	Locked Rotor Amps			
PG(A,C)D24B1KE	11.4	56.0	73	376	7.8
PG(A,C)D24D1KE	11.4	56.0	73	380	
PG(A,C)D30D1KE	15.0	72.5	78	392	7.8
PG(A,C)D36D1KE	17.9	88.0	140.8	429	7.6
PG(A,C)D36E1KE				439	
PG(A,C)D42D1KE	19.9	104	180	559	8.2
PG(A,C)D42E1KE				560	
PG(A,C)D48D1KE	23.7	129	160	603	7.8
PG(A,C)D48F1KE				630	
PG(A,C)D60E1KE	28.8	169	227	626	8.0
PG(A,C)D60G1KE				636	

PERFORMANCE DATA: HEATING

MODEL NUMBER	NOx Certified	Input (MBTUH) Standard	Output (MBTUH) Standard	Efficiency * (AFUE)	Temperature Rise ° F	Gas Piping Size (In.)	Transformer Size Va.
				Std.			
PGAD24B1KE	NO	40	31	78.0	35-65	1/2	40
PGCD24B1KE	YES	40	31	78.0	35-65	1/2	40
PGAD24D1KE	NO	80	62	78.0	35-65	1/2	40
PGCD24D1KE	YES	80	62	78.0	35-65	1/2	40
PGAD30D1KE	NO	80	62	78.0	35-65	1/2	40
PGCD30D1KE	YES	80	62	78.0	35-65	1/2	40
PGAD36D1KE	NO	80	62	78.0	35-65	1/2	40
PGCD36D1KE	YES	80	62	78.0	35-65	1/2	40
PGAD36E1KE	NO	100	78	78.0	35-65	1/2	40
PGCD36E1KE	YES	100	78	78.0	35-65	1/2	40
PGAD42D1KE	NO	80	62	78.0	35-65	1/2	40
PGCD42D1KE	YES	80	62	78.0	35-65	1/2	40
PGAD42E1KE	NO	100	78	78.0	35-65	1/2	40
PGCD42E1KE	YES	100	78	78.0	35-65	1/2	40
PGAD48D1KE	NO	80	62	78.0	35-65	1/2	40
PGCD48D1KE	YES	80	62	78.0	35-65	1/2	40
PGAD48F1KE	NO	120	94	78.0	35-65	1/2	40
PGCD48F1KE	YES	120	94	78.0	35-65	1/2	40
PGAD60E1KE	NO	100	78	78.0	35-65	1/2	40
PGCD60E1KE	YES	100	78	78.0	35-65	1/2	40
PGAD60G1KE	NO	140	109	78.0	35-65	1/2	40
PGCD60G1KE	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
PG(A,C)D24B1KE	23,200	.75	12.10	10.21	2350	850	.15
PG(A,C)D24D1KE							
PG(A,C)D30D1KE	30,000	.74	12.10	10.30	2910	1000	.40
PG(A,C)D36D1KE	34,400	.77	12.05	10.10	3405	1200	.20
PG(A,C)D36E1KE							.30
PG(A,C)D42D1KE	41,500	.77	12.10	10.35	4008	1400	.34
PG(A,C)D42E1KE							
PG(A,C)D48D1KE	48,000	.78	12.10	10.08	4760	1650	.31
PG(A,C)D48F1KE							
PG(A,C)D60E1KE	57,500	.80	12.05	9.74	6022	2000	.38
PG(A,C)D60G1KE							

¹ ARI Rated Capacity @ 230 Volts 80°db/67°wb -95° amb.. For applications at 208 volts deduct 1000 BTUH.

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)											
								.2"		.3"		.4"		.5"		.6"		.7"	
Model Number	Motor HP	Wheel Size (D x W)	No. of Speeds	Heating Rise Range (°F)	Motor Speed	Heat	Cool	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)	CFM	Heating Rise (°F)
PG(A,C)D24B1KE	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
PG(A,C)D24D1KE	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
PG(A,C)D30D1KE	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
PG(A,C)D36D1KE	1/2	11 x 9	3	35 - 65	HI			1435	40	1375	42	1310	44	1245	46	1175	49	1105	52
					MD	MD	MD	1270	45	1220	47	1165	50	1100	53	1045	55	990	58
					LO			1110	52	1080	53	1045	55	1005	57	955	61	905	64
PG(A,C)D36E1KE	1/2	11 x 9	3	35 - 65	HI	HI		1435	50	1375	53	1310	55	1245	58	1175	61	1105	65
					MD		MD	1270	57	1220	59	1165	62	1100	NA	1045	NA	990	NA
					LO			1110	65	1080	NA	1045	NA	1005	NA	955	NA	905	NA
PG(A,C)D42D1KE	1/2	10 x 9	4	35 - 65	HI			1860	NA	1795	NA	1725	NA	1650	35	1570	37	1485	39
					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	LO	1460	40	1430	40	1395	41	1345	43	1290	45	1225	47
PG(A,C)D42E1KE	1/2	10 x 9	4	35 - 65	HI			1860	39	1795	40	1725	42	1650	44	1570	46	1485	49
					MD HI			1735	42	1680	43	1620	45	1560	46	1485	49	1405	51
					MD LO	MD LO		1540	47	1505	48	1465	49	1415	51	1350	53	1280	56
					LO		LO	1460	49	1430	51	1395	52	1345	54	1290	56	1225	59
PG(A,C)D48D1KE	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
PG(A,C)D48F1KE	1	11 x 11	3	35 - 65	HI			2127	41	2076	42	2029	43	1978	44	1912	45	1827	47
					MD	MD		1745	50	1727	50	1702	51	1674	52	1644	53	1592	54
					LO		LO	1628	53	1627	53	1613	54	1576	55	1547	56	1507	58
PG(A,C)D60E1KE	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	MD LO	1650	44	1630	44	1600	45	1565	46	1525	47	1475	49
					LO			1315	55	1300	56	1280	56	1255	58	1225	59	1185	61
PG(A,C)D60G1KE	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	MD LO	2274	46	2207	47	2149	48	2086	50	2011	52	1933	54
					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) - PG(A,C)D24B1KE, PG(A,C)D24D1KE - Net Capacities

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	952	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
		KW	1.86	1.90	1.95	-	1.99	2.03	2.09	-	2.11	2.15	2.22	-	2.21	2.26	2.33	-	2.30	2.35	2.43	-	2.38	2.43	2.51	-
	850	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
		KW	1.85	1.88	1.94	-	1.98	2.02	2.08	-	2.09	2.14	2.20	-	2.20	2.24	2.31	-	2.28	2.33	2.41	-	2.36	2.41	2.49	-
748	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	0.69	0.57	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	
	KW	1.82	1.85	1.91	-	1.95	1.99	2.05	-	2.06	2.10	2.17	-	2.16	2.21	2.28	-	2.25	2.30	2.37	-	2.32	2.37	2.45	-	
75	952	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		KW	1.87	1.91	1.97	2.03	2.01	2.05	2.11	2.18	2.13	2.17	2.24	2.31	2.23	2.28	2.35	2.42	2.32	2.37	2.45	2.52	2.40	2.45	2.53	2.61
	850	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		KW	1.86	1.90	1.95	2.01	1.99	2.03	2.09	2.16	2.11	2.15	2.22	2.29	2.21	2.26	2.33	2.41	2.30	2.35	2.43	2.50	2.38	2.43	2.51	2.59
	748	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	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
		KW	1.83	1.87	1.92	1.98	1.96	2.00	2.06	2.13	2.08	2.12	2.19	2.25	2.18	2.23	2.29	2.37	2.27	2.31	2.39	2.46	2.34	2.39	2.47	2.55
80	952	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
		KW	1.89	1.92	1.98	2.04	2.02	2.06	2.13	2.19	2.14	2.19	2.26	2.33	2.25	2.30	2.37	2.44	2.34	2.39	2.46	2.54	2.42	2.47	2.55	2.63
	850	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
		KW	1.87	1.91	1.97	2.03	2.01	2.05	2.11	2.18	2.13	2.17	2.24	2.31	2.23	2.28	2.35	2.42	2.32	2.37	2.45	2.52	2.40	2.45	2.53	2.61
748	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	0.86	0.80	0.65	0.49	0.89	0.83	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	0.92	0.75	0.56	
	KW	1.85	1.88	1.94	2.00	1.98	2.02	2.08	2.14	2.09	2.14	2.20	2.27	2.20	2.24	2.31	2.39	2.28	2.33	2.41	2.48	2.36	2.41	2.49	2.57	
85	952	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		KW	1.90	1.94	2.00	2.06	2.04	2.08	2.14	2.21	2.16	2.21	2.27	2.34	2.27	2.32	2.39	2.46	2.36	2.41	2.48	2.56	2.44	2.49	2.57	2.65
	850	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		KW	1.89	1.92	1.98	2.04	2.02	2.06	2.13	2.19	2.14	2.19	2.26	2.33	2.25	2.30	2.37	2.44	2.34	2.39	2.46	2.54	2.42	2.47	2.55	2.63
748	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	0.90	0.87	0.78	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	0.72	1.00	1.00	0.90	0.73	
	KW	1.86	1.90	1.95	2.01	1.99	2.03	2.09	2.16	2.11	2.15	2.22	2.29	2.21	2.26	2.33	2.40	2.30	2.35	2.43	2.50	2.38	2.43	2.51	2.59	

EXPANDED PERFORMANCE DATA (COOLING) - PG(A,C)D30D1KE - Net Capacities

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	1120	MBh	29.4	30.5	33.4	-	28.7	29.8	32.6	-	28.0	29.1	31.8	-	27.3	28.3	31.1	-	26.0	26.9	29.5	-	24.1	24.9	27.3	-				
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-				
		KW	2.29	2.34	2.41	-	2.46	2.51	2.59	-	2.61	2.67	2.75	-	2.74	2.80	2.89	-	2.85	2.91	3.01	-	2.95	3.01	3.11	-				
	1000	MBh	28.5	29.6	32.4	-	27.9	28.9	31.7	-	27.2	28.2	30.9	-	26.6	27.5	30.2	-	25.2	26.1	28.6	-	23.4	24.2	26.5	-				
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-				
		KW	2.28	2.32	2.39	-	2.44	2.49	2.57	-	2.59	2.64	2.73	-	2.72	2.78	2.87	-	2.83	2.89	2.98	-	2.92	2.99	3.08	-				
880	MBh	27.1	28.1	30.8	-	26.5	27.4	30.1	-	25.9	26.8	29.4	-	25.2	26.1	28.6	-	24.0	24.8	27.2	-	22.2	23.0	25.2	-					
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-					
	KW	2.24	2.29	2.36	-	2.41	2.46	2.53	-	2.55	2.60	2.68	-	2.68	2.73	2.82	-	2.78	2.84	2.93	-	2.88	2.94	3.03	-					
75	1120	MBh	29.9	30.8	33.3	35.8	29.2	30.1	32.5	34.9	28.5	29.3	31.8	34.1	27.8	28.6	31.0	33.3	26.4	27.2	29.4	31.6	24.5	25.2	27.3	29.3				
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42				
		KW	2.31	2.36	2.43	2.50	2.48	2.53	2.61	2.69	2.63	2.69	2.77	2.86	2.76	2.82	2.91	3.01	2.88	2.94	3.03	3.13	2.97	3.04	3.13	3.24				
	1000	MBh	29.0	29.9	32.3	34.7	28.4	29.2	31.6	33.9	27.7	28.5	30.8	33.1	27.0	27.8	30.1	32.3	25.7	26.4	28.6	30.7	23.8	24.5	26.5	28.4				
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40				
		KW	2.30	2.34	2.41	2.49	2.46	2.51	2.59	2.67	2.61	2.67	2.75	2.84	2.74	2.80	2.89	2.98	2.85	2.91	3.01	3.10	2.95	3.01	3.11	3.21				
	880	MBh	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	26.3	27.1	29.3	31.4	25.7	26.4	28.6	30.7	24.4	25.1	27.2	29.1	22.6	23.2	25.2	27.0				
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.89	0.79	0.60	0.39				
		KW	2.26	2.31	2.37	2.45	2.42	2.47	2.55	2.63	2.57	2.62	2.71	2.79	2.70	2.76	2.84	2.93	2.81	2.87	2.96	3.05	2.90	2.96	3.06	3.16				
80	1120	MBh	30.4	31.1	33.2	35.5	29.7	30.4	32.4	34.7	29.0	29.6	31.7	33.9	28.3	28.9	30.9	33.0	26.9	27.5	29.4	31.4	24.9	25.5	27.2	29.1				
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61				
		KW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.71	2.79	2.88	2.79	2.85	2.94	3.03	2.90	2.96	3.06	3.16	3.00	3.06	3.16	3.26				
	1000	MBh	29.5	30.2	32.3	34.5	28.9	29.5	31.5	33.7	28.2	28.8	30.8	32.9	27.5	28.1	30.0	32.1	26.1	26.7	28.5	30.5	24.2	24.7	26.4	28.2				
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58				
		KW	2.31	2.36	2.43	2.50	2.48	2.53	2.61	2.69	2.63	2.69	2.77	2.86	2.76	2.82	2.91	3.01	2.88	2.94	3.03	3.13	2.97	3.04	3.14	3.24				
	880	MBh	28.1	28.7	30.6	32.8	27.4	28.0	29.9	32.0	26.8	27.3	29.2	31.2	26.1	26.7	28.5	30.5	24.8	25.3	27.1	28.9	23.0	23.5	25.1	26.8				
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55				
		KW	2.28	2.32	2.39	2.47	2.44	2.49	2.57	2.65	2.59	2.64	2.73	2.81	2.72	2.78	2.87	2.96	2.83	2.89	2.98	3.08	2.92	2.99	3.08	3.18				
85	1120	MBh	31.0	31.6	33.1	35.3	30.2	30.8	32.3	34.4	29.5	30.1	31.5	33.6	28.8	29.4	30.7	32.8	27.4	27.9	29.2	31.2	25.3	25.8	27.1	28.9				
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79				
		KW	2.35	2.40	2.47	2.54	2.52	2.57	2.65	2.74	2.67	2.73	2.82	2.91	2.81	2.87	2.96	3.06	2.92	2.99	3.08	3.18	3.02	3.09	3.19	3.29				
	1000	MBh	30.1	30.6	32.1	34.2	29.4	29.9	31.3	33.4	28.7	29.2	30.6	32.6	28.0	28.5	29.9	31.8	26.6	27.1	28.4	30.3	24.6	25.1	26.3	28.0				
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75				
		KW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.71	2.79	2.88	2.79	2.85	2.94	3.03	2.90	2.96	3.06	3.16	3.00	3.06	3.16	3.26				
	880	MBh	28.6	29.1	30.5	32.5	27.9	28.4	29.8	31.8	27.2	27.8	29.1	31.0	26.6	27.1	28.4	30.3	25.2	25.7	26.9	28.7	23.4	23.8	25.0	26.6				
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72				
		KW	2.29	2.34	2.41	2.49	2.46	2.51	2.59	2.67	2.61	2.67	2.75	2.84	2.74	2.80	2.89	2.98	2.85	2.91	3.01	3.10	2.95	3.01	3.11	3.21				

EXPANDED PERFORMANCE DATA (COOLING) - PG(A,C)D36D1KE, PG(A,C)D36E1KE - Net Capacities

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	33.7	34.9	38.3	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.4	32.5	35.6	-	29.8	30.9	33.8	-	27.6	28.6	31.3	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		KW	2.72	2.77	2.85	-	2.91	2.96	3.05	-	3.07	3.13	3.22	-	3.22	3.28	3.38	-	3.34	3.41	3.51	-	3.45	3.52	3.62	-
	1200	MBh	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		KW	2.70	2.75	2.83	-	2.89	2.94	3.03	-	3.05	3.11	3.20	-	3.19	3.26	3.35	-	3.31	3.38	3.48	-	3.42	3.49	3.60	-
1056	MBh	31.1	32.2	35.3	-	30.4	31.5	34.5	-	29.6	30.7	33.7	-	28.9	30.0	32.8	-	27.5	28.5	31.2	-	25.5	26.4	28.9	-	
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-	
	KW	2.67	2.71	2.79	-	2.85	2.90	2.98	-	3.00	3.06	3.15	-	3.14	3.21	3.30	-	3.26	3.33	3.43	-	3.37	3.44	3.54	-	
75	1344	MBh	34.3	35.3	38.2	41.0	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.8	35.5	38.1	30.3	31.2	33.8	36.2	28.1	28.9	31.3	33.6
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		KW	2.74	2.79	2.87	2.95	2.93	2.99	3.07	3.16	3.09	3.16	3.25	3.35	3.24	3.31	3.40	3.51	3.37	3.43	3.54	3.65	3.47	3.54	3.65	3.77
	1200	MBh	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		KW	2.72	2.77	2.85	2.93	2.91	2.96	3.05	3.14	3.07	3.13	3.22	3.32	3.22	3.28	3.38	3.48	3.34	3.41	3.51	3.62	3.45	3.52	3.62	3.74
	1056	MBh	31.6	32.6	35.2	37.8	30.9	31.8	34.4	36.9	30.1	31.0	33.6	36.1	29.4	30.3	32.8	35.2	27.9	28.8	31.1	33.4	25.9	26.6	28.8	31.0
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		KW	2.68	2.73	2.81	2.89	2.87	2.92	3.00	3.09	3.03	3.09	3.18	3.27	3.17	3.23	3.33	3.43	3.29	3.36	3.46	3.56	3.39	3.46	3.57	3.68
80	1344	MBh	34.9	35.7	38.1	40.7	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.4	37.9	30.8	31.5	33.7	36.0	28.6	29.2	31.2	33.3
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		KW	2.76	2.81	2.89	2.98	2.95	3.01	3.09	3.19	3.12	3.18	3.27	3.37	3.27	3.33	3.43	3.54	3.39	3.46	3.56	3.68	3.50	3.57	3.68	3.80
	1200	MBh	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		KW	2.74	2.79	2.87	2.95	2.93	2.99	3.07	3.16	3.10	3.16	3.25	3.35	3.24	3.31	3.41	3.51	3.37	3.43	3.54	3.65	3.47	3.54	3.65	3.77
	1056	MBh	32.2	32.9	35.1	37.6	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	29.9	30.6	32.7	34.9	28.4	29.1	31.0	33.2	26.3	26.9	28.8	30.7
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.01	0.95	0.77	0.58
		KW	2.70	2.75	2.83	2.91	2.89	2.94	3.03	3.12	3.05	3.11	3.20	3.30	3.19	3.26	3.35	3.45	3.31	3.38	3.48	3.59	3.42	3.49	3.60	3.71
85	1344	MBh	35.5	36.2	37.9	40.4	34.7	35.3	37.0	39.5	33.8	34.5	36.1	38.6	33.0	33.7	35.3	37.6	31.4	32.0	33.5	35.7	29.1	29.6	31.0	33.1
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		KW	2.78	2.83	2.91	3.00	2.97	3.03	3.12	3.21	3.14	3.20	3.30	3.40	3.29	3.36	3.46	3.56	3.42	3.49	3.59	3.70	3.53	3.60	3.71	3.83
	1200	MBh	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		KW	2.76	2.81	2.89	2.98	2.95	3.01	3.09	3.19	3.12	3.18	3.27	3.37	3.27	3.33	3.43	3.54	3.39	3.46	3.56	3.68	3.50	3.57	3.68	3.80
	1056	MBh	32.7	33.4	35.0	37.3	32.0	32.6	34.1	36.4	31.2	31.8	33.3	35.6	30.5	31.0	32.5	34.7	28.9	29.5	30.9	33.0	26.8	27.3	28.6	30.5
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		KW	2.72	2.77	2.85	2.93	2.91	2.96	3.05	3.14	3.07	3.13	3.22	3.32	3.22	3.28	3.38	3.48	3.34	3.41	3.51	3.62	3.45	3.52	3.62	3.74

EXPANDED PERFORMANCE DATA (COOLING) - PG(A,C)D42D1KE, PG(A,C)D42E1KE - Net Capacities

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	1568	MBh	40.7	42.1	46.2	-	39.7	41.2	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	35.9	37.2	40.8	-	33.3	34.5	37.8	-				
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-				
		KW	3.20	3.26	3.35	-	3.42	3.49	3.59	-	3.61	3.68	3.79	-	3.78	3.86	3.98	-	3.93	4.01	4.13	-	4.06	4.14	4.27	-				
	1400	MBh	39.5	40.9	44.8	-	38.6	40.0	43.8	-	37.6	39.0	42.8	-	36.7	38.1	41.7	-	34.9	36.2	39.6	-	32.3	33.5	36.7	-				
		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	3.18	3.24	3.33	-	3.39	3.46	3.56	-	3.59	3.66	3.77	-	3.76	3.83	3.95	-	3.90	3.98	4.10	-	4.02	4.11	4.23	-				
1232	MBh	37.5	38.9	42.6	-	36.6	38.0	41.6	-	35.8	37.1	40.6	-	34.9	36.2	39.6	-	33.1	34.4	37.6	-	30.7	31.8	34.9	-					
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-					
	KW	3.13	3.19	3.28	-	3.34	3.41	3.51	-	3.53	3.60	3.71	-	3.70	3.77	3.89	-	3.84	3.92	4.04	-	3.96	4.04	4.17	-					
75	1568	MBh	41.4	42.6	46.1	49.5	40.4	41.6	45.0	48.3	39.4	40.6	43.9	47.2	38.5	39.6	42.9	46.0	36.5	37.6	40.7	43.7	33.9	34.9	37.7	40.5				
		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	3.22	3.28	3.38	3.47	3.44	3.51	3.61	3.72	3.64	3.71	3.82	3.94	3.81	3.89	4.01	4.13	3.96	4.04	4.16	4.29	4.09	4.17	4.30	4.44				
	1400	MBh	40.2	41.3	44.7	48.0	39.2	40.4	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	35.5	36.5	39.5	42.4	32.9	33.8	36.6	39.3				
		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	3.20	3.26	3.35	3.45	3.42	3.49	3.59	3.69	3.61	3.69	3.79	3.91	3.79	3.86	3.98	4.10	3.93	4.01	4.13	4.26	4.06	4.14	4.27	4.40				
1232	MBh	38.1	39.3	42.5	45.6	37.3	38.4	41.5	44.6	36.4	37.4	40.5	43.5	35.5	36.5	39.5	42.4	33.7	34.7	37.6	40.3	31.2	32.1	34.8	37.3					
	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	3.15	3.21	3.30	3.40	3.37	3.43	3.53	3.64	3.56	3.63	3.74	3.85	3.73	3.80	3.92	4.04	3.87	3.95	4.07	4.19	3.99	4.08	4.20	4.33					
80	1568	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	42.7	45.7	37.2	38.0	40.6	43.4	34.5	35.2	37.6	40.2				
		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	3.25	3.31	3.40	3.50	3.47	3.54	3.64	3.75	3.67	3.74	3.85	3.97	3.84	3.92	4.04	4.16	3.99	4.07	4.20	4.33	4.12	4.20	4.33	4.47				
	1400	MBh	40.9	41.8	44.6	47.7	39.9	40.8	43.6	46.6	39.0	39.8	42.5	45.5	38.0	38.8	41.5	44.4	36.1	36.9	39.4	42.1	33.5	34.2	36.5	39.0				
		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	0.61	1.00	0.99	0.81	0.60				
		KW	3.22	3.28	3.38	3.47	3.44	3.51	3.61	3.72	3.64	3.71	3.82	3.94	3.81	3.89	4.01	4.13	3.96	4.04	4.17	4.29	4.09	4.17	4.30	4.44				
1232	MBh	38.8	39.7	42.4	45.3	37.9	38.7	41.4	44.3	37.0	37.8	40.4	43.2	36.1	36.9	39.4	42.1	34.3	35.1	37.5	40.0	31.8	32.5	34.7	37.1					
	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	3.18	3.24	3.33	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.77	3.88	3.76	3.83	3.95	4.07	3.90	3.98	4.10	4.23	4.02	4.11	4.23	4.37					
85	1568	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	37.8	38.6	40.4	43.1	35.1	35.7	37.4	39.9				
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82				
		KW	3.27	3.33	3.43	3.53	3.50	3.56	3.67	3.78	3.70	3.77	3.88	4.00	3.87	3.95	4.07	4.20	4.02	4.10	4.23	4.36	4.15	4.24	4.37	4.51				
	1400	MBh	41.6	42.4	44.4	47.4	40.6	41.4	43.4	46.3	39.6	40.4	42.3	45.2	38.7	39.4	41.3	44.1	36.7	37.5	39.2	41.9	34.0	34.7	36.3	38.8				
		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	3.25	3.31	3.40	3.50	3.47	3.54	3.64	3.75	3.67	3.74	3.85	3.97	3.84	3.92	4.04	4.16	3.99	4.07	4.20	4.33	4.12	4.20	4.33	4.47				
1232	MBh	39.5	40.3	42.2	45.0	38.6	39.3	41.2	43.9	37.7	38.4	40.2	42.9	36.7	37.5	39.2	41.9	34.9	35.6	37.3	39.8	32.3	33.0	34.5	36.8					
	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	3.20	3.26	3.35	3.45	3.42	3.49	3.59	3.69	3.61	3.68	3.79	3.91	3.78	3.86	3.98	4.10	3.93	4.01	4.13	4.26	4.06	4.14	4.27	4.40					

EXPANDED PERFORMANCE DATA (COOLING) - PG(A,C)D48D1KE, PG(A,C)D48F1KE - Net Capacities

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	1848	MBh	47.0	48.8	53.4	-	45.9	47.6	52.2	-	44.8	46.5	50.9	-	43.8	45.4	49.7	-	41.6	43.1	47.2	-	38.5	39.9	43.7	-
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		KW	3.77	3.85	3.96	-	4.04	4.12	4.25	-	4.28	4.37	4.50	-	4.49	4.58	4.72	-	4.67	4.76	4.91	-	4.82	4.92	5.08	-
	1650	MBh	45.7	47.3	51.9	-	44.6	46.2	50.7	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	40.4	41.8	45.8	-	37.4	38.7	42.5	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		KW	3.75	3.82	3.93	-	4.01	4.09	4.21	-	4.25	4.33	4.46	-	4.45	4.54	4.68	-	4.63	4.73	4.87	-	4.78	4.88	5.03	-
1452	MBh	43.4	45.0	49.3	-	42.4	43.9	48.1	-	41.4	42.9	47.0	-	40.4	41.8	45.8	-	38.3	39.7	43.5	-	35.5	36.8	40.3	-	
	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	3.69	3.76	3.87	-	3.95	4.03	4.15	-	4.18	4.27	4.39	-	4.38	4.47	4.61	-	4.56	4.65	4.80	-	4.71	4.80	4.95	-	
75	1848	MBh	47.8	49.2	53.3	57.2	46.7	48.1	52.1	55.9	45.6	47.0	50.8	54.6	44.5	45.8	49.6	53.2	42.3	43.5	47.1	50.6	39.2	40.3	43.6	46.8
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
		KW	3.80	3.88	3.99	4.11	4.07	4.15	4.28	4.41	4.31	4.40	4.53	4.68	4.52	4.62	4.76	4.91	4.70	4.80	4.95	5.11	4.86	4.96	5.12	5.28
	1650	MBh	46.4	47.8	51.8	55.5	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	43.2	44.5	48.1	51.7	41.0	42.3	45.7	49.1	38.0	39.1	42.4	45.5
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
		KW	3.77	3.85	3.96	4.08	4.04	4.12	4.25	4.38	4.28	4.37	4.50	4.64	4.49	4.58	4.72	4.87	4.67	4.76	4.91	5.07	4.82	4.92	5.08	5.24
	1452	MBh	44.1	45.4	49.2	52.8	43.1	44.4	48.0	51.5	42.1	43.3	46.9	50.3	41.0	42.3	45.7	49.1	39.0	40.1	43.4	46.6	36.1	37.2	40.2	43.2
		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	3.72	3.79	3.90	4.02	3.98	4.06	4.18	4.31	4.21	4.30	4.43	4.57	4.42	4.51	4.65	4.79	4.59	4.69	4.83	4.99	4.74	4.84	4.99	5.15
80	1848	MBh	48.7	49.7	53.1	56.8	47.6	48.6	51.9	55.5	46.4	47.4	50.7	54.2	45.3	46.3	49.4	52.9	43.0	44.0	47.0	50.2	39.9	40.7	43.5	46.5
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		KW	3.83	3.90	4.02	4.14	4.10	4.19	4.31	4.44	4.34	4.43	4.57	4.71	4.56	4.65	4.80	4.95	4.74	4.84	4.99	5.15	4.90	5.00	5.16	5.32
	1650	MBh	47.3	48.3	51.6	55.2	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	44.9	48.0	51.3	41.8	42.7	45.6	48.7	38.7	39.5	42.2	45.2
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		KW	3.80	3.88	3.99	4.11	4.07	4.15	4.28	4.41	4.31	4.40	4.53	4.68	4.52	4.62	4.76	4.91	4.70	4.80	4.95	5.11	4.86	4.96	5.12	5.28
	1452	MBh	44.9	45.9	49.0	52.4	43.9	44.8	47.9	51.2	42.8	43.7	46.7	50.0	41.8	42.7	45.6	48.7	39.7	40.5	43.3	46.3	36.8	37.6	40.1	42.9
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58
		KW	3.75	3.82	3.93	4.05	4.01	4.09	4.21	4.34	4.25	4.33	4.46	4.60	4.45	4.54	4.68	4.83	4.63	4.73	4.87	5.03	4.78	4.88	5.03	5.20
85	1848	MBh	49.5	50.5	52.9	56.4	48.4	49.3	51.7	55.1	47.2	48.1	50.4	53.8	46.1	47.0	49.2	52.5	43.8	44.6	46.7	49.9	40.5	41.3	43.3	46.2
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		KW	3.86	3.93	4.05	4.17	4.13	4.22	4.34	4.48	4.38	4.47	4.61	4.75	4.59	4.69	4.84	4.99	4.78	4.88	5.03	5.19	4.94	5.04	5.20	5.37
	1650	MBh	48.1	49.0	51.3	54.8	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.7	45.6	47.8	51.0	42.5	43.3	45.4	48.4	39.4	40.1	42.0	44.8
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		KW	3.83	3.90	4.02	4.14	4.10	4.19	4.31	4.44	4.34	4.43	4.57	4.71	4.56	4.65	4.80	4.95	4.74	4.84	4.99	5.15	4.90	5.00	5.16	5.32
	1452	MBh	45.7	46.6	48.8	52.0	44.6	45.5	47.6	50.8	43.6	44.4	46.5	49.6	42.5	43.3	45.4	48.4	40.4	41.2	43.1	46.0	37.4	38.1	39.9	42.6
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		KW	3.77	3.85	3.96	4.08	4.04	4.12	4.25	4.38	4.28	4.37	4.50	4.64	4.49	4.58	4.72	4.87	4.67	4.76	4.91	5.07	4.82	4.92	5.08	5.24

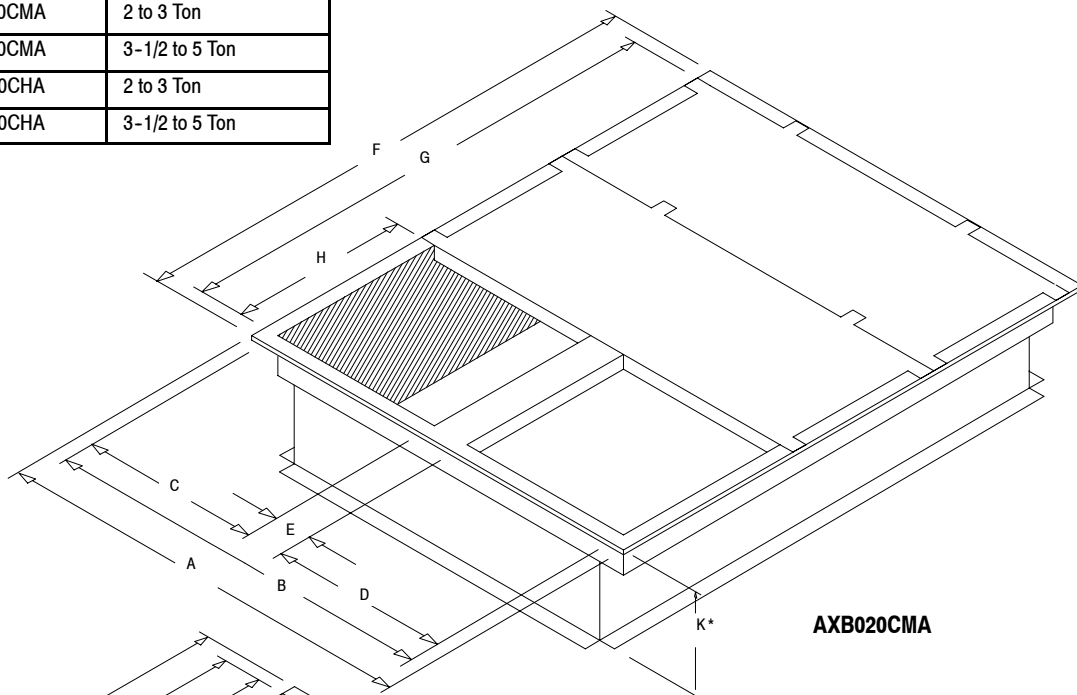
EXPANDED PERFORMANCE DATA (COOLING) - PG(A,C)D60E1KE, PG(A,C)D60G1KE - Net Capacities

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	2250	MBh	55.9	57.9	63.4	-	57.5	59.6	65.3	-	56.2	58.2	63.7	-	54.8	56.7	62.2	-	52.0	53.9	59.1	-	48.2	50.0	54.7	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		KW	3.93	4.03	4.17	-	5.14	5.26	5.45	-	5.50	5.64	5.84	-	5.82	5.96	6.19	-	6.10	6.25	6.48	-	6.34	6.49	6.73	-
	2000	MBh	54.2	56.2	61.6	-	53.75	58.29	62.54	-	51.90	55.99	60.45	-	49.63	53.48	57.85	-	47.18	50.94	55.05	-	44.67	48.23	52.14	-
		S/T	0.70	0.58	0.40	-	0.77	0.60	0.44	-	0.79	0.61	0.44	-	0.80	0.62	0.45	-	0.82	0.63	0.45	-	0.85	0.64	0.45	-
		KW	3.90	3.99	4.13	-	5.28	5.37	5.44	-	5.77	5.86	5.94	-	6.31	6.39	6.48	-	6.89	6.99	7.07	-	7.53	7.63	7.72	-
1584	MBh	53.7	55.6	61.0	-	55.3	57.3	62.7	-	54.0	56.0	61.3	-	52.6	54.6	59.8	-	50.0	51.8	56.7	-	46.4	48.0	54.6	-	
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.65	-	
	KW	3.85	3.94	4.09	-	5.03	5.15	5.34	-	5.39	5.52	5.72	-	5.70	5.84	6.06	-	5.98	6.12	6.35	-	6.20	6.36	6.80	-	
75	2250	MBh	56.8	58.5	63.3	68.0	58.5	60.2	65.2	70.0	57.0	58.8	63.6	68.3	55.7	57.3	62.0	66.6	52.9	54.5	59.0	63.3	49.0	50.5	53.0	56.9
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.62	0.40
		KW	3.97	4.06	4.21	4.37	5.18	5.30	5.50	5.70	5.56	5.69	5.89	6.12	5.88	6.02	6.25	6.48	6.16	6.31	6.54	6.79	6.40	6.55	6.73	6.98
	2000	MBh	55.1	56.8	61.5	65.9	53.79	57.89	62.73	67.65	51.68	55.90	60.26	64.99	49.46	53.47	57.59	62.13	47.32	50.85	54.88	59.22	45.21	48.22	51.97	56.21
		S/T	0.79	0.71	0.54	0.35	0.92	0.74	0.58	0.43	0.94	0.76	0.59	0.44	0.96	0.78	0.60	0.44	0.97	0.80	0.62	0.45	0.97	0.83	0.63	0.46
		KW	3.93	4.03	4.17	4.33	5.26	5.36	5.45	5.54	5.75	5.86	5.94	6.03	6.28	6.39	6.49	6.58	6.86	6.98	7.08	7.17	7.50	7.62	7.72	7.82
1584	MBh	52.4	53.9	58.4	62.7	53.9	55.6	60.1	64.5	52.6	54.2	58.7	63.0	51.4	52.9	57.2	61.4	48.8	50.3	54.4	58.4	45.2	46.6	50.4	54.1	
	S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38	
	KW	3.86	3.95	4.10	4.25	5.04	5.16	5.35	5.54	5.40	5.53	5.74	5.95	5.72	5.86	6.07	6.30	5.99	6.13	6.36	6.60	6.22	6.37	6.61	6.85	
80	2250	MBh	57.8	59.1	63.1	67.5	59.5	60.9	65.0	69.5	58.1	59.4	63.4	67.8	56.6	57.9	61.8	66.2	53.8	55.0	58.8	62.8	49.9	51.0	54.5	58.2
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		KW	4.00	4.10	4.25	4.41	5.23	5.36	5.56	5.76	5.60	5.75	5.95	6.17	5.94	6.08	6.30	6.54	6.22	6.37	6.60	6.85	6.46	6.62	6.86	7.12
	2000	MBh	56.2	57.4	61.3	65.5	54.81	57.86	62.30	67.14	53.47	55.62	60.14	64.70	51.71	53.52	57.5	61.94	49.83	51.09	54.70	59.09	47.80	48.35	51.92	56.00
		S/T	0.87	0.82	0.67	0.50	1.00	0.89	0.72	0.57	1.00	0.91	0.74	0.58	1.00	0.94	0.76	0.59	1.00	0.95	0.78	0.61	1.00	0.97	0.81	0.62
		KW	3.97	4.07	4.21	4.37	5.25	5.35	5.45	5.54	5.76	5.84	5.94	6.04	6.31	6.37	6.48	6.58	6.91	6.95	7.08	7.18	7.56	7.59	7.72	7.82
1584	MBh	53.3	54.5	58.2	62.2	54.9	56.1	59.9	64.1	53.6	54.8	58.5	62.5	52.2	53.4	57.0	61.1	49.7	50.8	54.2	57.9	46.0	47.0	50.2	53.7	
	S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.88	0.73	0.54	0.96	0.90	0.73	0.55	
	KW	3.90	3.99	4.13	4.29	5.09	5.21	5.40	5.60	5.45	5.58	5.78	6.00	5.77	5.92	6.13	6.36	6.05	6.19	6.42	6.66	6.28	6.43	6.67	6.92	
85	2250	MBh	58.9	60.0	62.8	67.0	60.6	61.7	64.7	69.0	59.1	60.3	63.1	67.3	57.6	58.8	61.5	65.7	54.8	55.9	58.5	62.4	50.8	51.7	54.2	57.8
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		KW	4.04	4.14	4.29	4.45	5.28	5.41	5.60	5.81	5.65	5.80	6.01	6.23	5.99	6.14	6.36	6.60	6.28	6.43	6.67	6.91	6.52	6.68	6.92	7.19
	2000	MBh	57.1	58.2	61.0	65.1	58.16	58.49	62.19	66.96	56.55	58.18	59.80	64.40	54.78	54.84	57.32	61.79	52.82	52.88	54.70	58.82	47.80	50.78	51.90	55.82
		S/T	0.91	0.88	0.80	0.65	1.00	0.97	0.86	0.70	1.00	0.94	0.88	0.71	1.00	1.00	0.90	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.95	0.78
		KW	4.00	4.10	4.25	4.41	5.32	5.33	5.44	5.54	5.82	5.87	5.93	6.03	6.37	6.38	6.47	6.58	6.98	6.98	7.06	7.17	7.53	7.64	7.69	7.81
1584	MBh	54.2	55.3	57.9	61.8	55.9	56.9	59.6	63.6	54.5	55.6	58.2	62.1	53.2	54.2	56.7	60.6	50.6	51.5	53.9	57.5	46.8	47.7	50.0	53.3	
	S/T	0.88	0.84	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71	
	KW	3.93	4.03	4.17	4.33	5.14	5.26	5.45	5.65	5.50	5.64	5.84	6.06	5.82	5.96	6.19	6.42	6.10	6.25	6.48	6.72	6.34	6.49	6.73	6.98	

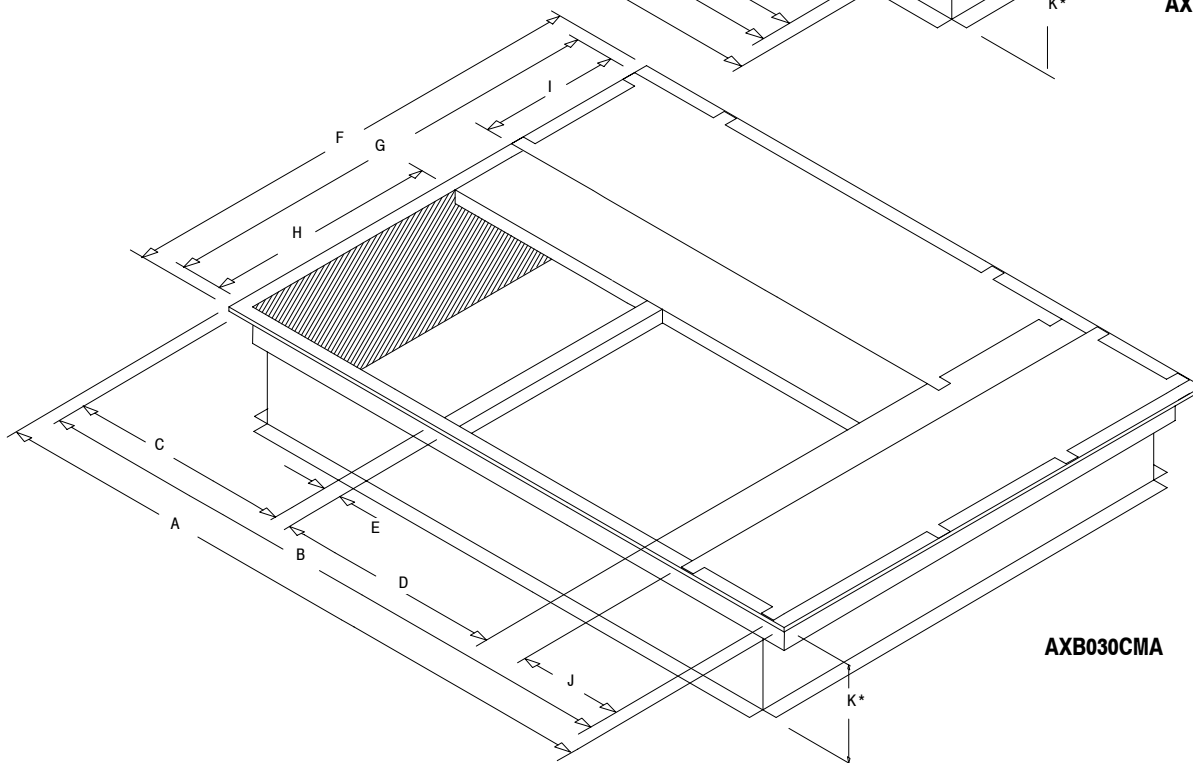
ACCESSORIES: ROOF CURBS

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	2 to 3 Ton
	AXB030CLA	3-1/2 to 5 Ton
14"	AXB020CMA	2 to 3 Ton
	AXB030CMA	3-1/2 to 5 Ton
24"	AXB020CHA	2 to 3 Ton
	AXB030CHA	3-1/2 to 5 Ton



AXB020CMA



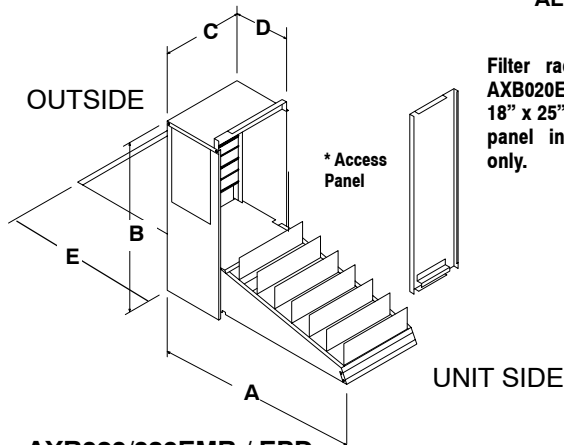
AXB030CMA

ROOF CURB DIMENSIONS (INCHES)

Model No.	A	B	C	D	E	F	G	H	I	J	K(CLA)	K(CMA)	K(CHA)
AXB020	42-3/4	39-3/4	18	18	3-3/4	42-3/4	39-3/4	18	-	-	8	14	24
AXB030	67-3/4	64-3/4	23	23	2-1/2	42-3/4	39-3/4	23	12	12	8	14	24

ECONOMIZERS/DOWNFLOW

ALL DIMENSIONS IN INCHES



Filter racks are included with AXB020E**. Economizers require 18" x 25" x 1" or 2" filters. Access panel included with AXB030E** only.

**AXB020/030EMB / EPD
(Modulating or Three Position)**

Economizer Model No.	A	B	C	D	E
AXB020EMC/PD	29	27-1/2	12-3/4	10-7/8	22
AXB030EMC/PD	35	31	14-3/4	10-7/8	22

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

NOTES:

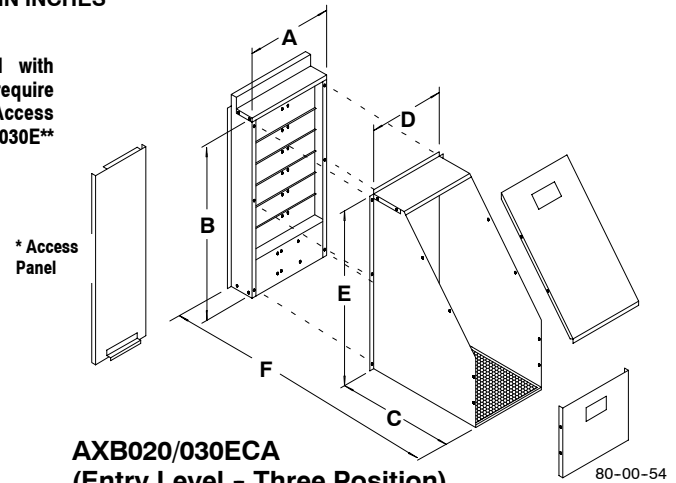
- (1) - Ambient/Enthalpy Control; Includes Return Air Damper & Relief Damper.
- (2) - Ambient Control Only; Includes Return Air Damper & Relief Damper.
- (3) - Ambient Control Only; No Return Air Damper; No Relief Damper.

All Economizers Feature Enthalpy and/or ambient temperature control providing outdoor air ventilation and "free cooling" when outdoor conditions are favorable.

Return Air and Pressure Relief dampers for proper air balance, on most models.

Interconnecting wiring furnished.

Center controlled dual action dampers with gaskets to provide proper seal.



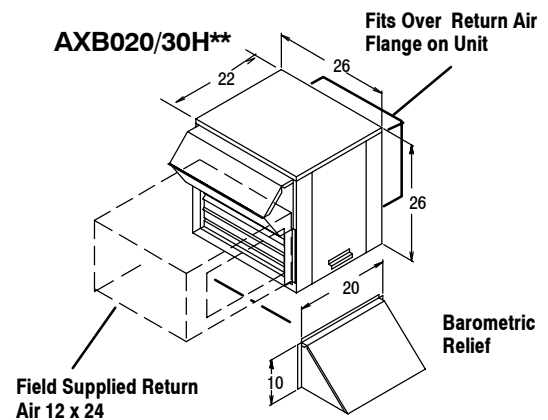
**AXB020/030ECA
(Entry Level - Three Position)**

Economizer Model No.	A	B	C	D	E	G
AXB020ECA	12-3/4	27-1/2	20-1/4	11	28-1/2	24
AXB030ECA	14-3/4	31	20-1/4	13	30	24

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

- * On AXB030, Filters not supplied. Filter retainers and filters can be ordered thru Service Parts, retainer part number 1054517.t Filters (20x30x2) part number 1054503.

ECONOMIZERS/HORIZONTAL



Description	Model Number	Used on
Fully Modulating (1)	AXB020HEC	2 to 3 Ton
Three Position (2)	AXB020HPD	

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

NOTES:

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

ACCESORIES (CONT...)

OUTDOOR AIR DAMPERS

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

FILTER RACK - must use with outdoor air dampers

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

* Requires 1 field supplied 18 x 25" filter.

COIL PROTECTION

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

* Available through Service Parts **only**.

FOSSIL FUEL CONVERSION (0' to 2000')

Description	Service Parts Number *	Used on Heat Input
Natural to LP Gas	1172663	40, 60, 80 MBTUH
Natural to LP Gas	1172662	100, 120, 140 MBTUH
LP to Natural Gas	1172664	40, 60, 80 MBTUH
LP to Natural Gas	1098575	100, 120, 140 MBTUH

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

CONCENTRIC DUCT KITS

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

* Includes grille and diffuser / transition box.

LOW AMBIENT CONTROLS

Description	Model Number *	Used on
To 0° F	1148232	2 to 3-1/2 TON
To 0° F	1148233	4 to 5 TON

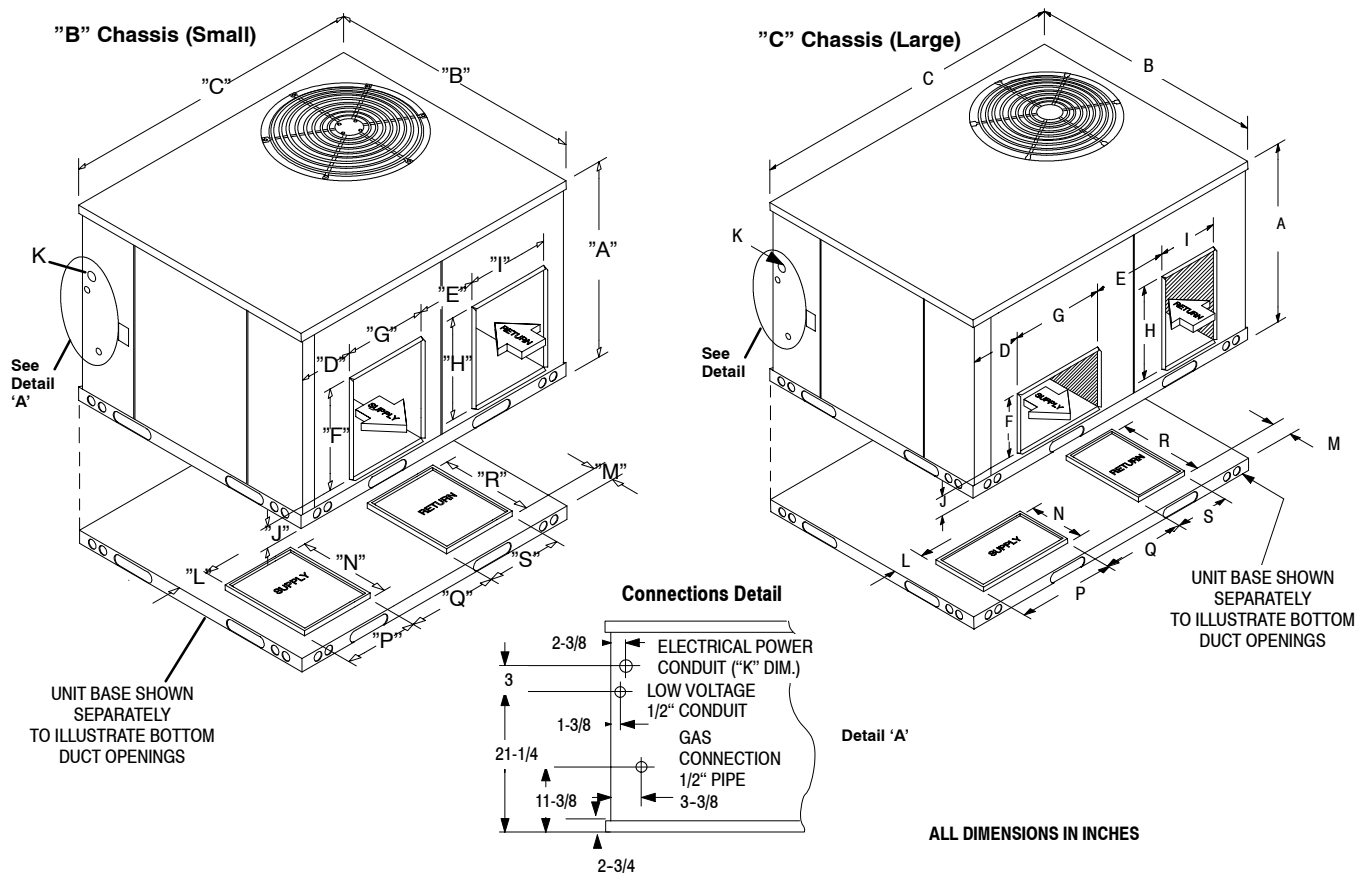
* Available through Service Parts **only**.

INTERNAL FILTERS AND ACCESSORIES

Description	Model Number *	Used on
Filter Retainer (2 Req.)	1054517	4 to 5 TON
Filter (2 Req.)	1054503	4 to 5 TON
Handle, Filter Access Panel	1068209	4 to 5 TON

* Available through Service Parts **only**.

UNIT DIMENSIONS



Model No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N**	P**	Q	R	S	Inside Base Rail
PG(A,C)D24-36	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
PG(A,C)D42-60	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	D	24	B	1	K	E	Sales Code
PRODUCT FAMILY P = Single Package										ELECTRICAL CHARACTERISTICS K = 208 / 230-1-60
FUEL (Heating) G = Gas										BLOWER OPTIONS 1 = Standard Direct Drive
DESIGN SERIES A = Standard C = Low NOx Models										GAS HEAT INPUT B = 40,000 F = 120,000 D = 80,000 G = 140,000 E = 100,000
RESIDENTIAL UNIT INDICATOR D = High Efficiency										COOLING CAPACITY (NOMINAL BTUH) 24 = 2 Ton 42 = 3-1/2 Ton 30 = 2-1/2 Ton 48 = 4 Ton 36 = 3 Ton 60 = 5 Ton

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

GUIDE SPECIFICATIONS

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.

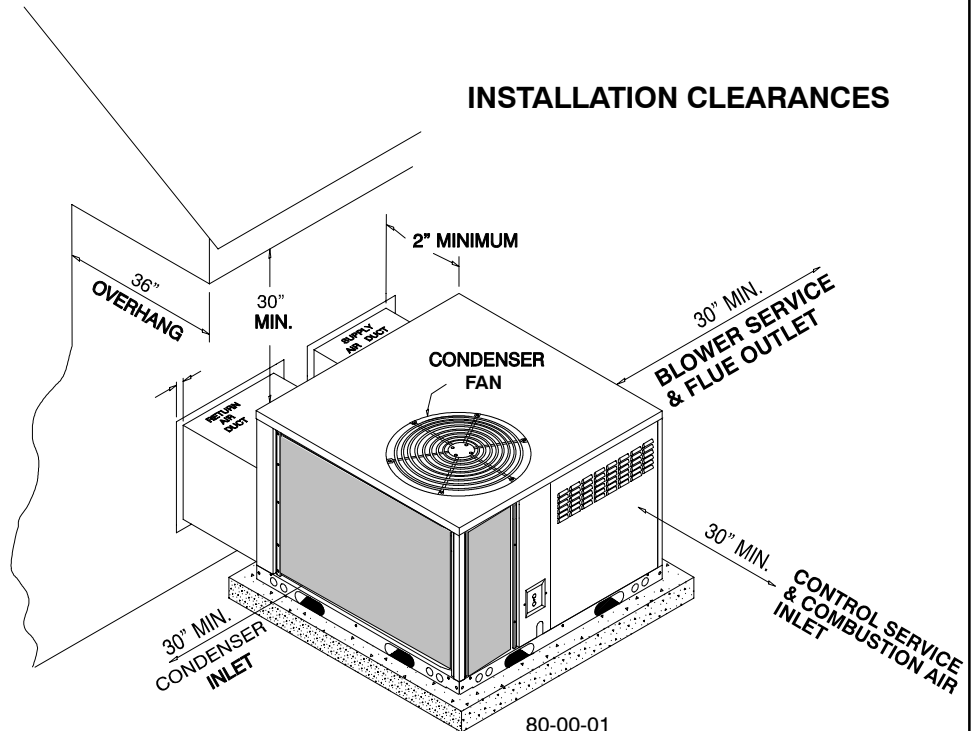
HEATING SECTION

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.

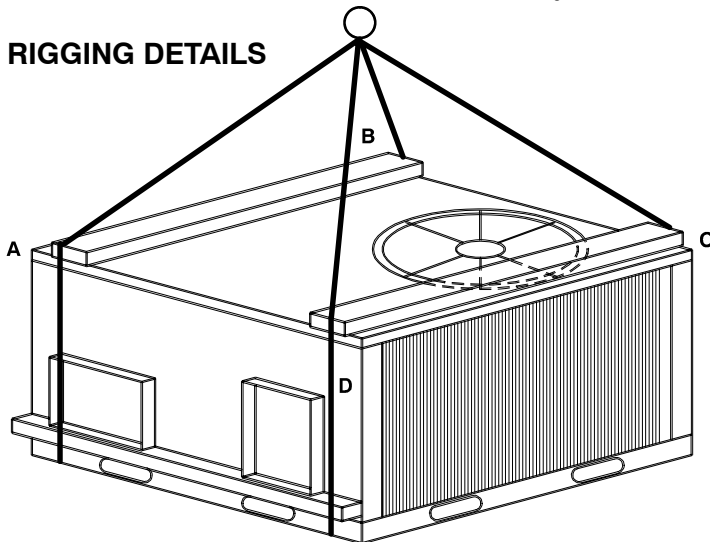
AGENCY CERTIFICATIONS



INSTALLATION CLEARANCES



RIGGING DETAILS



CORNER WEIGHTS (LBS)

MODEL	A	B	C	D	OPERATING WEIGHT TOTAL
PG(A,C)D24B	81	110	106	79	376
PG(A,C)D24D	82	111	107	80	380
PG(A,C)D30D	83	113	113	83	392
PG(A,C)D36D	89	112	127	101	429
PG(A,C)D36E	92	114	130	103	439
PG(A,C)D42D	124	155	155	125	559
PG(A,C)D42E	125	155	155	125	560
PG(A,C)D48D	135	166	166	136	603
PG(A,C)D48F	141	174	174	141	630
PG(A,C)D60E	140	173	173	140	626
PG(A,C)D60G	142	176	176	142	636

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE