PGF / PGC SERIES

PGF = Standard Models
PGC = California Models with NOX baffles

10 SEER



CONVERTIBLE SINGLE PACKAGE GAS/ELECTRIC UNIT

1-1/2 THRU 5 TON, SINGLE PHASE

- 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

- Triple-coated steel, consisting of a Polyester top coat, a urethane primer coat preceeded by an oxide pretreatment. One piece weather resistant top. Access panels for easy service. Side by side supply and return. Heavy 16 gauge base with rails.
- Coil Guard to protect condenser coil.

ACCESS PANELS

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

CONVERTIBLE DISCHARGE

- Units have side-by-side supply and return air openings for either horizontal or downflow applications. 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. 1-1/2 to 4 ton uses hermetic compressors, 5 ton uses a scroll.

COILS

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

EXTERNALLY-MOUNTED GAUGE PORTS

- Provides easier servicing and allows for more accurate reading of operating conditions.

INDUCED DRAFT COMBUSTION

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

HOT SURFACE PILOT (HSP) ELECTRONIC INTERMITTENT IGNITION DEVICE

- The hot surface pilot ignition (HSP) is more energy efficient and provides added safety of operation.

ELECTRONIC FAN CONTROL

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

IN-SHOT BURNERS

- New design delivers more complete, efficient combustion and ***include Nox baffles on PGC models.***

HEAT EXCHANGER

- Aluminized serpentine clamshell heat exchanger provides corrosion resistance for longer life and 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.

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.

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 kit available.

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.

c UL us LISTED

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

LIMITED PARTS 5 YEAR WARRANTY

462 61 1202 01

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

4/18/05

UNIT SPECIFICATIONS

MODEL * NUMBER	Electrical Data			Condenser Data									BELS
				Coil			Fan Motor			Fan			
	208 / 230 Voltage Phase - Hz	Maximum Overcurrent Protection	MC Ampacity	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)	HP	Full Load Amps	RPM (Max)	Size Diameter (In.)	No. Blades Pitch °	CFM (Max.)	
PG*018K040(F)	1-60	20 amps.	13.60	8.0	20 / 1	3/8	1/5	1.3	1140	20.3	3 -21	2250	7.6
PG*024K040(F)	1-60	25 amps.	16.00	8.0	20 / 1	3/8	1/5	1.3	1140	20.3	3 -21	2250	7.8
PG*024k060(F)	1-60	25 amps.	16.00				1/5	1.3	1140	20.3	3 -21	2250	7.8
PG*030k060(F)	1-60	35 amps.	21.50	8.0	20 / 1	3/8	1/5	1.3	1140	20.3	3 -21	2250	7.8
PG*030K080(F)	1-60	35 amps.	21.50				1/5	1.3	1140	20.3	3 -21	2250	7.8
PG*036k060(F)	1-60	40 amps.	24.40	8.0	20 / 1	3/8	1/3	1.9	1140	20.3	3 -27	2900	7.8
PG*036K080(F)	1-60	40 amps.	24.40				1/3	1.9	1140	20.3	3 -27	2900	7.8
PG*036K100(F)	1-60	40 amps.	24.40				1/3	1.9	1140	20.3	3 -27	2900	7.8
PG*042K080(F)	1-60	45 amps.	27.60	8.0	20 / 2	3/8	1/3	1.9	1140	20.3	3 -27	3000	7.8
PG*042K100(F)	1-60	45 amps.	27.60				1/3	1.9	1140	20.3	3 -27	3000	7.8
PG*048K080(F)	1-60	50 amps.	29.90	10.5	20 / 1	3/8	1/3	1.9	1140	20.3	3 -27	3000	7.8
PG*048K120(F)	1-60	50 amps.	29.90				1/3	1.9	1140	20.3	3 -27	3000	7.8
PG*060K100(F)	1-60	60 amps.	45.00	14.9	20 / 1		1/3	1.9	1140	20.3	3 -27	3000	8.0
PGF060K140(E)	1-60	60 amps.	45.00				1/3	1.9	1140	20.3	3 -27	3000	8.0
PGC060K140(F)	1-60	60 amps.	45.00				1/3	1.9	1140	20.3	3 -27	3000	8.0

* F = PGF Standard Models, C = PGC models with Nox baffles and meet California emission requirements.

MODEL * NUMBER	Evaporator Coil									Compressor			Factory Refrigerant Charge R-22 (Oz.)	Ship Weight (Lbs.)
	Coil				Motor		Blower							
	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diam. (In.)	Blower H.P. / Type / Speeds	Full Load Amps	Locked Rotor Amps	Type & Size	RPM (Max)	CFM Rated	Type	Rated Load Amps	Locked Rotor Amps		
PG*018K040(F)	3.67	14 / 2	3/8	1/4 / PSC / 3	2.2	4.1	DD10-6A	1000	600	Recip	8.6	49	62	350
PG*024K040(F)	3.67	14 / 2	3/8	1/4 / PSC / 3	2.2	4.1	DD10-6A	1000	800	Recip	10.5	56	58	350
PG*024k060(F)	3.67	14 / 2	3/8	1/4 / PSC / 3	2.2	4.1	DD10-6A	1000	800	Recip	10.5	56	58	360
PG*030k060(F)	3.67	14 / 2	3/8	1/3 / PSC / 3	3.1	5.6	DD10-6A	1000	1000	Recip	13.7	75	71	360
PG*030K080(F)	3.67	14 / 2	3/8	1/2 / PSC / 3	4.0	6.8	DD10-8A	1000	1000	Recip	13.7	75	71	365
PG*036k060(F)	3.67	14 / 3	3/8	1/2 / PSC / 3	3.6	7.5	DD11-9A	1000	1200	Recip	15.5	82	89	365
PG*036K080(F)	3.67	14 / 3	3/8	1/2 / PSC / 3	3.6	7.5	DD11-9A	1000	1200	Recip	15.5	82	89	365
PG*036K100(F)	3.67	14 / 3	3/8	1/2 / PSC / 3	3.6	7.5	DD11-9A	1000	1200	Recip	15.5	82	89	370
PG*042K080(F)	3.67	14 / 3	3/8	1/2 / PSC / 3	3.6	7.5	DD11-9A	1000	1400	Recip	17.8	105	87	410
PG*042K100(F)	3.67	14 / 3	3/8	1/2 / PSC / 3	3.6	7.5	DD11-9A	1000	1400	Recip	17.8	105	87	420
PG*048K080(F)	5.33	14 / 3	3/8	1/2 / PSC / 4	3.6	7.5	DD11-9A	1000	1600	Recip	19.5	102	102	490
PG*048K120(F)	5.33	14 / 3	3/8	1/2 / PSC / 3	3.6	7.5	DD11-11A	1000	1600	Recip	19.5	102	102	500
PG*060K100(F)	5.33	14 / 4	3/8	1 / PSC / 4	6.0	11.6	DD12-12A	1000	1900	Scroll	29.7	170	136	510
PGF060K140(E)	5.33	14 / 4	3/8	1 / PSC / 1	6.0	11.6	DD12-12A	1000	1900	Scroll	29.7	170	136	520
PGC060K140(F)	5.33	14 / 4	3/8	1 / PSC / 1	6.0	11.6	DD12-12A	1000	1900	Scroll	29.7	170	136	520

* F = PGF Standard Models, C = PGC models with Nox baffles and meet California emission requirements.

PERFORMANCE DATA: HEATING

MODEL * NUMBER	Input (MBTUH) Standard	Output (MBTUH) Standard	Efficiency ** DOE (AFUE) Std.	Efficiency ** Calif. (CSE) Std.	Temperature Rise ° F	Factory Gas Orifice Size	Gas Piping Size (In.)	Transformer Size Va.
PG*018K040(F)	40	32	80.0	76.0	30-60	44	1/2	40
PG*024K040(F)	40	32	80.0	76.0	30-60	44	1/2	40
PG*024k060(F)	60	48	80.0	76.0	30-60	44	1/2	40
PG*030k060(F)	60	48	79.6	76.0	30-60	44	1/2	40
PG*030K080(F)	80	64	79.8	76.0	35-65	44	1/2	40
PG*036k060(F)	60	48	79.6	76.0	30-60	44	1/2	40
PG*036K080(F)	80	64	79.8	76.0	35-65	44	1/2	40
PG*036K100(F)	100	80	78.5	76.0	35-65	44	1/2	40
PG*042K080(F)	80	64	79.8	76.0	35-65	44	1/2	40
PG*042K100(F)	100	80	78.5	76.0	35-65	41	1/2	40
PG*048K080(F)	80	64	80.0	76.0	35-65	44	1/2	40
PG*048K120(F)	120	96	80.0	76.0	40-70	42	1/2	40
PG*060K100(F)	100	80	80.0	76.0	30-60	41	1/2	40
PGF060K140(E)	140	112	80.0	76.0	35-65	42	1/2	40
PGC060K140(F)	140	112	80.0	76.0	35-65	42	1/2	40

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** 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. All models meet California C.S.E. and NOx standards.

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*018K040(F)	18,000	.75	10.0	9.30	1950	600	.2
PG*024K040(F)	23,800	.75	10.0	9.10	2700	785	.2
PG*024k060(F)							
PG*030k060(F)	28,800	.75	10.0	8.95	3275	1000	.2
PG*030K080(F)							
PG*036k060(F)	33,400	.75	10.0	8.50	3890	1100	.2
PG*036K080(F)							
PG*036K100(F)							
PG*042K080(F)	39,500	.75	10.0	8.50	4545	1400	.15
PG*042K100(F)							
PG*048K080(F)	45,500	.75	10.00	9.00	5115	1600	.15
PG*048K120(F)							
PG*060K100(F)	58,000	.75	10.0	8.75	6480	1900	.15
PGF060K140(E)							
PGC060K140(F)							

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1 Rated Capacity @ ARI standard conditions, 95° Amb, 80° DB/67° WB, 230 Volts. For applications at 208 volts deduct 1000 BTU.

2 Includes a .08 drop for a filter

3 For reference only

BLOWER PERFORMANCE DATA

MODEL * NUMBER	MOTOR SPEED	Air Delivery in CFM at ESP**			
		0.20	0.30	0.40	0.50
PG*018, 024	HI	900	880	860	840
	MD	650	630	610	590
	LO	500	480	460	440
PG*030K060	HI	1020	1000	980	960
	MD	920	900	880	860
	LO	800	780	760	740
PG*030K080	HI	1390	1330	1280	1220
	MD	1260	1220	1180	1130
	LO	1000	990	980	950
PG*036	HI	1410	1371	1317	1257
	MD	1210	1191	1153	1111
	LO	1054	1046	1031	975
PG*042	HI	1641	1572	1505	1432
	MD HI	1616	1559	1483	1411
	MD	1569	1497	1430	1361
	LO	1531	1467	1400	1337
PG*048	HI	1649	1621	1595	1562
	MD	1284	1281	1255	1239
	LO	1091	1073	1072	1059
PG*060	HI	1983	1910	1837	1750
	MD HI	1915	1852	1783	1710
	MD	1805	1748	1693	1634
	LO	1700	1666	1578	1531

* F = PGF Standard Models, C = PGC models with Nox baffles and meet California emission requirements.

**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.

EXPANDED PERFORMANCE DATA (COOLING) - 1-1/2 TON

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb / Entering Indoor Temperature - Degrees F. Wet Bulb																							
			65				75				85				95				105				115			
			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	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-
		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	1.58	1.61	1.66	-	1.69	1.73	1.78	-	1.79	1.83	1.89	-	1.88	1.92	1.98	-	1.96	2.00	2.06	-	2.02	2.07	2.13	-
	600	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
		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	1.57	1.60	1.65	-	1.68	1.72	1.77	-	1.78	1.82	1.87	-	1.87	1.91	1.97	-	1.94	1.99	2.05	-	2.01	2.05	2.12	-
	528	MBh	16.3	16.9	18.5	-	15.9	16.5	18.0	-	15.5	16.1	17.6	-	15.1	15.7	17.2	-	14.4	14.9	16.3	-	13.3	13.8	15.1	-
		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	1.54	1.58	1.62	-	1.66	1.69	1.74	-	1.75	1.79	1.84	-	1.84	1.88	1.94	-	1.91	1.95	2.02	-	1.98	2.02	2.08	-
75	672	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
		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	1.59	1.62	1.67	1.72	1.71	1.74	1.80	1.85	1.81	1.85	1.90	1.96	1.90	1.94	2.00	2.06	1.98	2.02	2.08	2.15	2.04	2.09	2.15	2.22
	600	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
		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	1.58	1.61	1.66	1.71	1.69	1.73	1.78	1.84	1.80	1.83	1.89	1.95	1.88	1.92	1.98	2.05	1.96	2.00	2.06	2.13	2.03	2.07	2.13	2.20
	528	MBh	16.5	17.0	18.4	19.8	16.2	16.6	18.0	19.3	15.8	16.2	17.6	18.9	15.4	15.8	17.2	18.4	14.6	15.1	16.3	17.5	13.5	13.9	15.1	16.2
		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	1.56	1.59	1.63	1.68	1.67	1.70	1.75	1.81	1.77	1.80	1.86	1.92	1.85	1.89	1.95	2.01	1.93	1.97	2.03	2.10	1.99	2.04	2.10	2.17
80	672	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
		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	1.60	1.64	1.68	1.74	1.72	1.76	1.81	1.87	1.82	1.86	1.92	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.17	2.06	2.10	2.17	2.24
	600	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
		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	1.59	1.62	1.67	1.72	1.71	1.74	1.80	1.85	1.81	1.85	1.90	1.96	1.90	1.94	2.00	2.06	1.98	2.02	2.08	2.15	2.04	2.09	2.15	2.22
	528	MBh	16.8	17.2	18.4	19.7	16.4	16.8	18.0	19.2	16.1	16.4	17.5	18.7	15.7	16.0	17.1	18.3	14.9	15.2	16.2	17.4	13.8	14.1	15.0	16.1
		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	1.57	1.60	1.65	1.70	1.68	1.72	1.77	1.82	1.78	1.82	1.87	1.93	1.87	1.91	1.97	2.03	1.94	1.99	2.05	2.11	2.01	2.05	2.12	2.19
85	672	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
		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	1.62	1.65	1.70	1.75	1.73	1.77	1.82	1.88	1.84	1.88	1.93	2.00	1.93	1.97	2.03	2.10	2.01	2.05	2.12	2.18	2.07	2.12	2.19	2.26
	600	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
		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	1.60	1.64	1.68	1.74	1.72	1.76	1.81	1.87	1.82	1.86	1.92	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.17	2.06	2.10	2.17	2.24
	528	MBh	17.1	17.5	18.3	19.5	16.7	17.1	17.9	19.1	16.3	16.7	17.4	18.6	15.9	16.2	17.0	18.2	15.1	15.4	16.2	17.2	14.0	14.3	15.0	16.0
		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	1.58	1.61	1.66	1.71	1.69	1.73	1.78	1.84	1.79	1.83	1.89	1.95	1.88	1.92	1.98	2.05	1.96	2.00	2.06	2.13	2.02	2.07	2.13	2.20

* Entering Indoor Temperature - Degrees F. Dry Bulb ☐ Standard Rating

EXPANDED PERFORMANCE DATA (COOLING) - 2 TON

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	896	MBh	23.3	24.2	26.5	-	22.8	23.6	25.9	-	22.2	23.0	25.3	-	21.7	22.5	24.6	-	20.6	21.4	23.4	-	19.1	19.8	21.7	-
		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	1.94	1.99	2.07	-	2.12	2.18	2.26	-	2.28	2.34	2.43	-	2.42	2.48	2.57	-	2.54	2.60	2.70	-	2.64	2.71	2.81	-
	800	MBh	22.6	23.5	25.7	-	22.1	22.9	25.1	-	21.6	22.4	24.5	-	21.1	21.8	23.9	-	20.0	20.7	22.7	-	18.5	19.2	21.0	-
		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	1.93	1.97	2.05	-	2.10	2.16	2.24	-	2.26	2.32	2.40	-	2.40	2.46	2.55	-	2.51	2.58	2.67	-	2.61	2.68	2.78	-
	704	MBh	21.5	22.3	24.4	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	20.0	20.7	22.7	-	19.0	19.7	21.6	-	17.6	18.3	20.0	-
		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	1.89	1.94	2.01	-	2.06	2.11	2.19	-	2.21	2.27	2.36	-	2.35	2.41	2.50	-	2.46	2.53	2.62	-	2.56	2.63	2.73	-
75	896	MBh	23.7	24.4	26.4	28.4	23.2	23.9	25.8	27.7	22.6	23.3	25.2	27.0	22.1	22.7	24.6	26.4	21.0	21.6	23.4	25.1	19.4	20.0	21.6	23.2
		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	1.96	2.01	2.09	2.17	2.14	2.20	2.28	2.37	2.30	2.36	2.45	2.54	2.44	2.50	2.60	2.70	2.56	2.63	2.73	2.83	2.66	2.73	2.84	2.95
	800	MBh	23.0	23.7	25.7	27.5	22.5	23.2	25.1	26.9	22.0	22.6	24.5	26.3	21.4	22.1	23.9	25.6	20.3	21.0	22.7	24.3	18.8	19.4	21.0	22.5
		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	1.94	1.99	2.07	2.15	2.12	2.18	2.26	2.34	2.28	2.34	2.43	2.52	2.42	2.48	2.58	2.67	2.54	2.60	2.70	2.81	2.64	2.71	2.81	2.92
	704	MBh	21.9	22.5	24.4	26.2	21.4	22.0	23.8	25.6	20.9	21.5	23.2	24.9	20.3	21.0	22.7	24.3	19.3	19.9	21.5	23.1	17.9	18.4	20.0	21.4
		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	1.91	1.95	2.03	2.11	2.08	2.13	2.22	2.30	2.24	2.29	2.38	2.47	2.37	2.43	2.53	2.62	2.49	2.55	2.65	2.75	2.59	2.65	2.76	2.86
80	896	MBh	24.1	24.7	26.4	28.2	23.6	24.1	25.7	27.5	23.0	23.5	25.1	26.9	22.5	22.9	24.5	26.2	21.3	21.8	23.3	24.9	19.8	20.2	21.6	23.1
		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	1.98	2.03	2.11	2.19	2.16	2.22	2.30	2.39	2.32	2.38	2.47	2.57	2.47	2.53	2.63	2.73	2.59	2.65	2.75	2.86	2.69	2.76	2.86	2.98
	800	MBh	23.4	23.9	25.6	27.4	22.9	23.4	25.0	26.7	22.3	22.8	24.4	26.1	21.8	22.3	23.8	25.4	20.7	21.2	22.6	24.2	19.2	19.6	20.9	22.4
		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	1.96	2.01	2.09	2.17	2.14	2.20	2.28	2.37	2.30	2.36	2.45	2.54	2.44	2.51	2.60	2.70	2.56	2.63	2.73	2.83	2.67	2.73	2.84	2.95
	704	MBh	22.3	22.8	24.3	26.0	21.7	22.2	23.7	25.4	21.2	21.7	23.2	24.8	20.7	21.2	22.6	24.2	19.7	20.1	21.5	23.0	18.2	18.6	19.9	21.3
		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	1.93	1.97	2.05	2.13	2.10	2.16	2.24	2.32	2.26	2.32	2.40	2.50	2.40	2.46	2.55	2.65	2.51	2.58	2.67	2.78	2.61	2.68	2.78	2.89
85	896	MBh	24.6	25.0	26.2	28.0	24.0	24.5	25.6	27.3	23.4	23.9	25.0	26.7	22.8	23.3	24.4	26.0	21.7	22.1	23.2	24.7	20.1	20.5	21.5	22.9
		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	2.00	2.05	2.13	2.21	2.18	2.24	2.32	2.41	2.35	2.41	2.50	2.59	2.49	2.55	2.65	2.75	2.61	2.68	2.78	2.89	2.72	2.79	2.89	3.00
	800	MBh	23.8	24.3	25.5	27.2	23.3	23.7	24.9	26.5	22.7	23.2	24.3	25.9	22.2	22.6	23.7	25.3	21.1	21.5	22.5	24.0	19.5	19.9	20.8	22.2
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		KW	1.98	2.03	2.11	2.19	2.16	2.22	2.30	2.39	2.32	2.38	2.47	2.57	2.47	2.53	2.63	2.73	2.59	2.65	2.75	2.86	2.69	2.76	2.86	2.98
	704	MBh	22.7	23.1	24.2	25.8	22.1	22.6	23.6	25.2	21.6	22.0	23.1	24.6	21.1	21.5	22.5	24.0	20.0	20.4	21.4	22.8	18.5	18.9	19.8	21.1
		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	1.94	1.99	2.07	2.15	2.12	2.18	2.26	2.34	2.28	2.34	2.43	2.52	2.42	2.48	2.57	2.67	2.54	2.60	2.70	2.80	2.64	2.71	2.81	2.92

EXPANDED PERFORMANCE DATA (COOLING) - 2-1/2 TON

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1120	MBh	28.2	29.3	32.0	-	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.2	29.8	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-
		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	2.46	2.52	2.60	-	2.66	2.72	2.82	-	2.84	2.91	3.01	-	3.00	3.07	3.17	-	3.13	3.20	3.31	-	3.24	3.32	3.43	-
	1000	MBh	27.4	28.4	31.1	-	26.8	27.7	30.4	-	26.1	27.1	29.7	-	25.5	26.4	28.9	-	24.2	25.1	27.5	-	22.4	23.2	25.5	-
		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	2.44	2.50	2.58	-	2.64	2.70	2.79	-	2.82	2.88	2.98	-	2.97	3.04	3.14	-	3.10	3.17	3.28	-	3.22	3.29	3.40	-
	880	MBh	26.0	27.0	29.6	-	25.4	26.4	28.9	-	24.8	25.7	28.2	-	24.2	25.1	27.5	-	23.0	23.8	26.1	-	21.3	22.1	24.2	-
		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	2.40	2.46	2.54	-	2.60	2.66	2.74	-	2.77	2.83	2.93	-	2.92	2.99	3.09	-	3.05	3.12	3.23	-	3.16	3.23	3.34	-
75	1120	MBh	28.7	29.5	32.0	34.3	28.0	28.9	31.2	33.5	27.4	28.2	30.5	32.7	26.7	27.5	29.8	31.9	25.4	26.1	28.3	30.3	23.5	24.2	26.2	28.1
		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	2.49	2.54	2.63	2.71	2.69	2.75	2.84	2.94	2.87	2.93	3.03	3.14	3.02	3.09	3.20	3.31	3.16	3.23	3.34	3.46	3.27	3.35	3.47	3.59
	1000	MBh	27.9	28.7	31.1	33.3	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3
		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	2.46	2.52	2.60	2.69	2.66	2.73	2.82	2.91	2.84	2.91	3.01	3.11	3.00	3.07	3.17	3.28	3.13	3.20	3.31	3.43	3.24	3.32	3.44	3.56
	880	MBh	26.5	27.3	29.5	31.7	25.9	26.6	28.8	30.9	25.2	26.0	28.1	30.2	24.6	25.4	27.4	29.5	23.4	24.1	26.1	28.0	21.7	22.3	24.1	25.9
		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	2.42	2.48	2.56	2.65	2.62	2.68	2.77	2.86	2.79	2.86	2.95	3.06	2.95	3.01	3.12	3.23	3.08	3.15	3.26	3.37	3.19	3.26	3.37	3.49
80	1120	MBh	29.2	29.8	31.9	34.1	28.5	29.2	31.1	33.3	27.9	28.5	30.4	32.5	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9	24.4	26.1	27.9
		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	2.51	2.56	2.65	2.74	2.71	2.77	2.87	2.96	2.89	2.96	3.06	3.16	3.05	3.12	3.23	3.34	3.18	3.26	3.37	3.49	3.30	3.38	3.50	3.62
	1000	MBh	28.4	29.0	31.0	33.1	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1
		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	2.49	2.54	2.63	2.72	2.69	2.75	2.84	2.94	2.87	2.93	3.03	3.14	3.02	3.09	3.20	3.31	3.16	3.23	3.34	3.46	3.27	3.35	3.47	3.59
	880	MBh	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.7	26.2	28.0	30.0	25.1	25.6	27.4	29.2	23.8	24.3	26.0	27.8	22.1	22.5	24.1	25.7
		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	2.44	2.50	2.58	2.67	2.64	2.70	2.79	2.89	2.82	2.88	2.98	3.08	2.97	3.04	3.14	3.25	3.10	3.17	3.28	3.40	3.22	3.29	3.40	3.52
85	1120	MBh	29.7	30.3	31.7	33.9	29.0	29.6	31.0	33.1	28.3	28.9	30.3	32.3	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3	24.8	26.0	27.7
		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	2.53	2.58	2.67	2.76	2.73	2.80	2.89	2.99	2.92	2.98	3.08	3.19	3.08	3.15	3.26	3.37	3.21	3.29	3.40	3.52	3.33	3.41	3.53	3.65
	1000	MBh	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0	23.6	24.1	25.2	26.9
		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	2.51	2.56	2.65	2.74	2.71	2.77	2.87	2.96	2.89	2.96	3.06	3.16	3.05	3.12	3.23	3.34	3.18	3.26	3.37	3.49	3.30	3.38	3.50	3.62
	880	MBh	27.4	27.9	29.3	31.2	26.8	27.3	28.6	30.5	26.1	26.6	27.9	29.8	25.5	26.0	27.2	29.0	24.2	24.7	25.9	27.6	22.4	22.9	24.0	25.6
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		KW	2.46	2.52	2.60	2.69	2.66	2.72	2.82	2.91	2.84	2.91	3.01	3.11	3.00	3.07	3.17	3.28	3.13	3.20	3.31	3.43	3.24	3.32	3.43	3.56

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA (COOLING) - 3 TON

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1210	MBh	32.6	33.3	34	-	31.3	32.8	33.9	-	30	32.4	33.9	-	28	30.8	33.3	-	25.9	28.6	31.5	-	23.7	26.2	29.1	-
		S/T	0.74	0.58	0.44	-	0.76	0.58	0.44	-	0.78	0.59	0.43	-	0.81	0.6	0.43	-	0.83	0.61	0.42	-	0.87	0.63	0.42	-
		KW	3.24	3.21	3.18	-	3.5	3.51	3.5	-	3.77	3.8	3.82	-	3.91	4.06	4.1	-	4.05	4.21	4.39	-	4.15	4.36	4.54	-
	1100	MBh	32.8	33.6	34.1	-	31.3	33	34.1	-	29.9	32.4	34.2	-	27.9	30.8	33.4	-	25.9	28.6	31.5	-	23.7	26.3	29.1	-
		S/T	0.73	0.58	0.45	-	0.75	0.58	0.44	-	0.77	0.59	0.44	-	0.79	0.59	0.43	-	0.81	0.61	0.43	-	0.84	0.63	0.43	-
		KW	3.11	3.08	3.08	-	3.34	3.36	3.36	-	3.58	3.63	3.65	-	3.72	3.86	3.94	-	3.87	4.01	4.18	-	3.99	4.16	4.34	-
	990	MBh	32.7	33.4	34.3	-	31.2	32.8	34.3	-	29.7	32.3	34.2	-	27.7	30.5	33.3	-	25.7	28.4	31.3	-	23.6	26.2	29	-
		S/T	0.72	0.55	0.44	-	0.74	0.57	0.44	-	0.75	0.58	0.44	-	0.77	0.59	0.44	-	0.79	0.6	0.43	-	0.82	0.61	0.44	-
		KW	3.01	2.99	2.96	-	3.21	3.24	3.24	-	3.41	3.5	3.52	-	3.55	3.69	3.8	-	3.7	3.84	4	-	3.83	3.99	4.16	-
75	1210	MBh	32.6	33.6	34.1	35.3	31.5	33	34.1	35.4	30.3	32.4	34.2	35.4	28.5	30.7	33.3	34.9	26.5	28	31.4	34	24.8	26.2	29	32
		S/T	0.89	0.71	0.55	0.44	0.92	0.73	0.56	0.43	0.95	0.75	0.57	0.43	0.98	0.78	0.58	0.42	1.02	0.81	0.6	0.42	1.02	0.83	0.61	0.42
		KW	3.25	3.23	3.22	2.95	3.45	3.52	3.52	3.38	3.66	3.8	3.81	3.81	3.77	4.06	4.11	4.14	3.86	4.16	4.39	4.43	3.93	4.34	4.54	4.74
	1100	MBh	32.8	33.8	34.4	35	31.4	33.1	34.4	35.4	30.1	32.4	34.3	35.7	28.2	30.7	33.3	35.3	26.3	28.5	31.4	34.1	24.3	26.2	29	32
		S/T	0.87	0.7	0.55	0.44	0.9	0.72	0.56	0.43	0.93	0.74	0.57	0.43	0.96	0.76	0.58	0.43	0.98	0.78	0.59	0.43	1.02	0.81	0.6	0.43
		KW	3.13	3.09	3.09	3.09	3.32	3.37	3.38	3.38	3.51	3.64	3.66	3.67	3.64	3.86	3.95	3.96	3.74	4.02	4.18	4.26	3.84	4.17	4.34	4.54
	990	MBh	32.7	34	34.7	35.1	31.2	33.1	34.5	35.5	29.7	32.3	34.3	35.8	27.8	30.4	33.2	35.3	26	28.3	31.2	34	24	26.1	28.9	31.9
		S/T	0.86	0.69	0.55	0.44	0.88	0.71	0.56	0.44	0.9	0.72	0.56	0.43	0.93	0.74	0.57	0.43	0.96	0.76	0.58	0.43	0.99	0.79	0.59	0.43
		KW	3.02	2.97	2.98	2.98	3.2	3.23	3.25	3.26	3.38	3.5	3.52	3.54	3.5	3.69	3.8	3.83	3.63	3.84	4	4.12	3.74	3.99	4.16	4.35
80	1210	MBh	33.1	33.6	34.4	35	32.5	33	34.3	35.3	31.8	32.5	34.3	35.7	30.4	31	33.2	35	28.7	29	31.2	34	26.9	26.9	28.9	31.8
		S/T	1.02	0.81	0.67	0.54	1.02	0.86	0.69	0.54	1.02	0.91	0.71	0.55	1.02	0.94	0.74	0.55	1.02	0.97	0.77	0.58	1.02	1	0.8	0.59
		KW	3.04	3.29	3.24	3.21	3.27	3.53	3.53	3.53	3.51	3.76	3.82	3.85	3.7	3.96	4.12	4.15	3.88	4.07	4.39	4.44	4.06	4.18	4.53	4.74
	1100	MBh	32.9	34.1	34.8	35.4	32.1	33.3	34.6	35.6	31.2	32.5	34.4	35.9	35.9	30.8	33.4	35.4	28.1	28.7	31.2	34.1	26.3	26.6	28.9	31.9
		S/T	1.02	0.82	0.66	0.54	1.02	0.85	0.68	0.54	1.02	0.89	0.7	0.55	0.55	0.91	0.75	0.56	1.02	0.94	0.75	0.57	1.02	0.98	0.77	0.58
		KW	3.01	3.13	3.1	3.1	3.2	3.37	3.39	3.39	3.38	3.62	3.67	3.68	3.68	3.8	3.95	3.97	3.72	3.93	4.18	4.27	3.9	4.05	4.34	4.54
	990	MBh	33	34.2	34.5	35.6	31.6	33.2	34.4	35.8	30.3	32.2	34.4	36	36	30.4	33.1	35.4	27.3	28.4	31.1	33.9	25.6	26.3	28.2	31.8
		S/T	0.97	0.81	0.63	0.53	1	0.83	0.66	0.54	1.02	0.86	0.69	0.54	0.54	0.89	0.71	0.55	1.02	0.92	0.73	0.56	1.02	0.95	0.76	0.57
		KW	2.95	2.99	2.99	2.99	3.12	3.24	3.26	3.27	3.28	3.49	3.53	3.55	3.55	3.66	3.8	3.83	3.58	3.79	4	4.12	3.74	3.93	4.1	4.35
85	1210	MBh	32.9	33.9	34.8	35.3	33.8	33.6	34.6	35.6	34.6	33.4	34.4	35.9	32.4	32.4	33.4	35.3	30.7	30.8	31.5	33.9	29	29	29.4	31.6
		S/T	1.22	1.02	0.79	0.64	1.02	1.02	0.82	0.66	0.82	1.02	0.85	0.68	1.02	1.02	0.89	0.7	1.02	1.02	0.93	0.73	1.02	1.02	0.96	0.76
		KW	3.05	3.21	3.27	3.26	3.3	3.41	3.55	3.56	3.55	3.6	3.84	3.85	3.8	3.81	4.07	4.15	4	4	4.29	4.44	4.19	4.19	4.4	4.75
	1100	MBh	34	34.4	35.1	35.5	33.5	33.7	34.8	35.8	32.9	32.9	34.5	36.1	36.1	31.7	33.3	35.5	30	30.1	31.3	34	28.3	28.3	29.1	31.7
		S/T	1.02	0.92	0.77	0.63	1.02	0.97	0.8	0.65	1.02	1.02	0.83	0.67	0.67	1.02	0.86	0.69	1.02	1.02	0.9	0.71	1.02	1.02	0.94	0.74
		KW	2.93	3.09	3.12	3.13	3.18	3.3	3.4	3.41	3.43	3.51	3.68	3.7	3.7	3.69	3.93	3.99	3.83	3.84	4.13	4.27	4.02	4.03	4.25	4.54
	990	MBh	33.7	34.3	35.4	35.9	32.9	33.4	34.9	36	32.2	32.6	34.4	36.2	30.8	30.8	33.1	35.3	29.2	29.2	31.1	33.9	33.9	27.6	28.8	31.7
		S/T	1.02	0.91	0.76	0.63	1.02	0.95	0.79	0.64	1.02	0.98	0.81	0.65	1.02	1.02	0.84	0.66	1.02	1.02	0.87	0.69	0.69	1.02	0.91	0.71
		KW	2.83	2.97	3	3.01	3.07	3.19	3.27	3.29	3.31	3.42	3.53	3.56	3.5	3.58	3.8	3.86	3.68	3.7	3.97	4.12	4.13	3.87	4.11	4.36

EXPANDED PERFORMANCE DATA (COOLING) - 3-1/2 TON

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1568	MBh	38.8	40.2	44.1	-	37.9	39.3	43.0	-	37.0	38.3	42.0	-	36.1	37.4	41.0	-	34.3	35.5	38.9	-	31.8	32.9	36.1	-
		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	3.48	3.55	3.65	-	3.73	3.81	3.92	-	3.95	4.03	4.16	-	4.15	4.23	4.36	-	4.31	4.40	4.54	-	4.45	4.55	4.69	-
	1400	MBh	37.7	39.0	42.8	-	36.8	38.1	41.8	-	35.9	37.2	40.8	-	35.0	36.3	39.8	-	33.3	34.5	37.8	-	30.8	32.0	35.0	-
		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	3.46	3.52	3.63	-	3.70	3.78	3.89	-	3.92	4.00	4.12	-	4.11	4.20	4.33	-	4.28	4.37	4.50	-	4.42	4.51	4.66	-
	1232	MBh	35.8	37.1	40.6	-	35.0	36.2	39.7	-	34.1	35.4	38.8	-	33.3	34.5	37.8	-	31.6	32.8	35.9	-	29.3	30.4	33.3	-
		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	3.40	3.47	3.57	-	3.65	3.72	3.83	-	3.86	3.94	4.06	-	4.05	4.13	4.26	-	4.21	4.30	4.43	-	4.35	4.44	4.58	-
75	1568	MBh	39.5	40.6	44.0	47.2	38.5	39.7	43.0	46.1	37.6	38.7	41.9	45.0	36.7	37.8	40.9	43.9	34.9	35.9	38.9	41.7	32.3	33.3	36.0	38.6
		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	3.51	3.58	3.68	3.79	3.76	3.84	3.95	4.07	3.98	4.06	4.19	4.32	4.18	4.27	4.40	4.54	4.35	4.44	4.58	4.73	4.49	4.59	4.73	4.89
	1400	MBh	38.3	39.4	42.7	45.8	37.4	38.5	41.7	44.8	36.5	37.6	40.7	43.7	35.6	36.7	39.7	42.6	33.9	34.9	37.7	40.5	31.4	32.3	35.0	37.5
		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	3.48	3.55	3.65	3.76	3.73	3.81	3.92	4.04	3.95	4.03	4.16	4.29	4.15	4.23	4.37	4.50	4.31	4.40	4.54	4.69	4.46	4.55	4.69	4.85
	1232	MBh	36.4	37.5	40.6	43.5	35.6	36.6	39.6	42.5	34.7	35.7	38.7	41.5	33.9	34.9	37.7	40.5	32.2	33.1	35.8	38.5	29.8	30.7	33.2	35.6
		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	3.43	3.50	3.60	3.71	3.67	3.75	3.86	3.98	3.89	3.97	4.09	4.22	4.08	4.17	4.30	4.43	4.24	4.33	4.47	4.61	4.38	4.48	4.62	4.77
80	1568	MBh	40.2	41.0	43.8	46.9	39.2	40.1	42.8	45.8	38.3	39.1	41.8	44.7	37.4	38.2	40.8	43.6	35.5	36.3	38.7	41.4	32.9	33.6	35.9	38.4
		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	3.53	3.60	3.71	3.82	3.79	3.87	3.98	4.11	4.01	4.10	4.22	4.36	4.21	4.30	4.44	4.58	4.38	4.47	4.62	4.76	4.53	4.62	4.77	4.93
	1400	MBh	39.0	39.8	42.6	45.5	38.1	38.9	41.6	44.4	37.2	38.0	40.6	43.4	36.3	37.1	39.6	42.3	34.5	35.2	37.6	40.2	31.9	32.6	34.8	37.3
		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	3.51	3.58	3.68	3.79	3.76	3.84	3.95	4.07	3.98	4.06	4.19	4.32	4.18	4.27	4.40	4.54	4.35	4.44	4.58	4.73	4.49	4.59	4.73	4.89
	1232	MBh	37.0	37.9	40.4	43.2	36.2	37.0	39.5	42.2	35.3	36.1	38.6	41.2	34.5	35.2	37.6	40.2	32.7	33.5	35.7	38.2	30.3	31.0	33.1	35.4
		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	3.46	3.52	3.63	3.74	3.70	3.78	3.89	4.01	3.92	4.00	4.12	4.25	4.11	4.20	4.33	4.47	4.28	4.37	4.50	4.65	4.42	4.51	4.66	4.81
85	1568	MBh	40.9	41.7	43.6	46.5	39.9	40.7	42.6	45.5	39.0	39.7	41.6	44.4	38.0	38.8	40.6	43.3	36.1	36.8	38.6	41.1	33.5	34.1	35.7	38.1
		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	3.56	3.63	3.74	3.85	3.82	3.90	4.01	4.14	4.04	4.13	4.26	4.39	4.25	4.33	4.47	4.61	4.42	4.51	4.65	4.80	4.56	4.66	4.81	4.97
	1400	MBh	39.7	40.4	42.4	45.2	38.8	39.5	41.4	44.1	37.8	38.6	40.4	43.1	36.9	37.6	39.4	42.0	35.1	35.7	37.4	39.9	32.5	33.1	34.7	37.0
		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	3.53	3.60	3.71	3.82	3.79	3.87	3.98	4.11	4.01	4.10	4.22	4.36	4.21	4.30	4.44	4.58	4.38	4.47	4.62	4.76	4.53	4.62	4.77	4.93
	1232	MBh	37.7	38.4	40.2	42.9	36.8	37.5	39.3	41.9	35.9	36.6	38.4	40.9	35.1	35.7	37.4	39.9	33.3	34.0	35.6	37.9	30.9	31.5	32.9	35.1
		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	3.48	3.55	3.65	3.76	3.73	3.81	3.92	4.04	3.95	4.03	4.16	4.29	4.15	4.23	4.36	4.50	4.31	4.40	4.54	4.69	4.45	4.55	4.69	4.85

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

EXPANDED PERFORMANCE DATA (COOLING) - 4 TON

			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
	Airflow		65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
IDB*	CFM		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	44.6	46.2	50.6	-	43.5	45.1	49.5	-	42.5	44.1	48.3	-	41.5	43.0	47.1	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-
		S/T	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.90	0.75	0.52	-	0.91	0.76	0.53	-
		KW	3.98	4.05	4.17	-	4.25	4.34	4.47	-	4.50	4.59	4.73	-	4.72	4.81	4.96	-	4.90	5.00	5.16	-	5.06	5.17	5.33	-
	1600	MBh	43.3	44.9	49.2	-	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-
		S/T	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		KW	3.95	4.02	4.14	-	4.22	4.31	4.43	-	4.47	4.56	4.69	-	4.68	4.78	4.92	-	4.86	4.96	5.12	-	5.02	5.13	5.29	-
	1408	MBh	41.1	42.6	46.7	-	40.2	41.6	45.6	-	39.2	40.6	44.5	-	38.3	39.6	43.4	-	36.3	37.7	41.3	-	33.7	34.9	38.2	-
		S/T	0.72	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.80	0.66	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
		KW	3.89	3.96	4.08	-	4.16	4.24	4.37	-	4.40	4.49	4.62	-	4.61	4.70	4.85	-	4.79	4.89	5.04	-	4.94	5.05	5.20	-
75	1792	MBh	45.3	46.7	50.5	54.2	44.3	45.6	49.4	53.0	43.2	44.5	48.2	51.7	42.2	43.4	47.0	50.4	40.1	41.3	44.7	47.9	37.1	38.2	41.4	44.4
		S/T	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	0.88	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45
		KW	4.00	4.08	4.20	4.32	4.29	4.37	4.50	4.64	4.53	4.63	4.77	4.91	4.75	4.85	5.00	5.16	4.94	5.04	5.20	5.36	5.10	5.21	5.37	5.54
	1600	MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	42.2	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
		S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
		KW	3.98	4.05	4.17	4.29	4.25	4.34	4.47	4.60	4.50	4.59	4.73	4.87	4.72	4.81	4.96	5.12	4.90	5.00	5.16	5.32	5.06	5.17	5.33	5.50
	1408	MBh	41.8	43.1	46.6	50.0	40.8	42.1	45.5	48.9	39.9	41.1	44.4	47.7	38.9	40.1	43.4	46.5	37.0	38.1	41.2	44.2	34.2	35.2	38.2	40.9
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		KW	3.92	3.99	4.11	4.23	4.19	4.27	4.40	4.53	4.43	4.52	4.66	4.80	4.65	4.74	4.88	5.04	4.83	4.93	5.08	5.24	4.98	5.09	5.24	5.41
80	1792	MBh	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	45.0	48.0	51.4	42.9	43.9	46.9	50.1	40.8	41.7	44.5	47.6	37.8	38.6	41.2	44.1
		S/T	1.00	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.87	0.65
		KW	4.03	4.11	4.23	4.36	4.32	4.40	4.53	4.67	4.57	4.66	4.80	4.95	4.79	4.89	5.04	5.20	4.98	5.08	5.24	5.41	5.14	5.25	5.41	5.59
	1600	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8
		S/T	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		KW	4.01	4.08	4.20	4.32	4.29	4.37	4.50	4.64	4.54	4.63	4.77	4.91	4.75	4.85	5.00	5.16	4.94	5.04	5.20	5.36	5.10	5.21	5.37	5.54
	1408	MBh	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.2	46.2	37.6	38.4	41.1	43.9	34.8	35.6	38.0	40.7
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.03	0.96	0.79	0.59	1.04	0.97	0.79	0.59
		KW	3.95	4.02	4.14	4.26	4.22	4.31	4.43	4.57	4.47	4.56	4.69	4.84	4.68	4.78	4.92	5.07	4.86	4.96	5.12	5.28	5.02	5.13	5.29	5.45
85	1792	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.8	45.6	47.8	51.0	43.7	44.5	46.6	49.7	41.5	42.3	44.3	47.3	38.4	39.2	41.0	43.8
		S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.84
		KW	4.06	4.14	4.26	4.39	4.35	4.44	4.57	4.71	4.60	4.70	4.84	4.99	4.83	4.93	5.08	5.24	5.02	5.12	5.28	5.45	5.18	5.29	5.46	5.63
	1600	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
		S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		KW	4.03	4.11	4.23	4.36	4.32	4.40	4.53	4.67	4.57	4.66	4.80	4.95	4.79	4.89	5.04	5.20	4.98	5.08	5.24	5.41	5.14	5.25	5.41	5.59
	1408	MBh	43.3	44.1	46.2	49.3	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	38.3	39.0	40.9	43.6	35.5	36.1	37.8	40.4
		S/T	0.95	0.91	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		KW	3.98	4.05	4.17	4.29	4.25	4.34	4.47	4.60	4.50	4.59	4.73	4.87	4.72	4.81	4.96	5.11	4.90	5.00	5.16	5.32	5.06	5.17	5.33	5.50

EXPANDED PERFORMANCE DATA (COOLING) - 5 TON

			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
	Airflow		65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
IDB*	CFM		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	56.8	58.9	64.5	-	55.5	57.5	63.0	-	54.2	56.2	61.5	-	52.9	54.8	60.0	-	50.2	52.1	57.0	-	46.5	48.2	52.8	-
		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	5.23	5.34	5.49	-	5.61	5.72	5.89	-	5.93	6.05	6.24	-	6.22	6.35	6.55	-	6.47	6.60	6.81	-	6.68	6.82	7.04	-
	2000	MBh	55.2	57.2	62.7	-	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-
		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	5.20	5.30	5.45	-	5.56	5.67	5.84	-	5.89	6.01	6.19	-	6.17	6.30	6.50	-	6.42	6.55	6.76	-	6.63	6.77	6.98	-
	1760	MBh	52.4	54.3	59.5	-	51.2	53.1	58.1	-	50.0	51.8	56.8	-	48.8	50.5	55.4	-	46.3	48.0	52.6	-	42.9	44.5	48.7	-
		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	5.12	5.22	5.37	-	5.48	5.59	5.75	-	5.80	5.92	6.09	-	6.08	6.20	6.39	-	6.32	6.45	6.65	-	6.52	6.66	6.87	-
75	2240	MBh	57.8	59.5	64.4	69.1	56.5	58.1	62.9	67.5	55.1	56.7	61.4	65.9	53.8	55.4	59.9	64.3	51.1	52.6	56.9	61.1	47.3	48.7	52.7	56.6
		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	5.27	5.38	5.53	5.70	5.65	5.76	5.93	6.12	5.98	6.10	6.29	6.48	6.27	6.40	6.60	6.81	6.52	6.66	6.86	7.08	6.73	6.88	7.09	7.32
	2000	MBh	56.1	57.8	62.5	67.1	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9
		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	5.23	5.34	5.49	5.66	5.61	5.72	5.89	6.07	5.93	6.06	6.24	6.43	6.22	6.35	6.55	6.75	6.47	6.60	6.81	7.03	6.68	6.82	7.04	7.26
	1760	MBh	53.3	54.9	59.4	63.8	52.1	53.6	58.0	62.3	50.8	52.3	56.6	60.8	49.6	51.1	55.3	59.3	47.1	48.5	52.5	56.3	43.6	44.9	48.6	52.2
		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	5.16	5.26	5.41	5.57	5.52	5.63	5.80	5.98	5.84	5.96	6.14	6.33	6.13	6.25	6.45	6.65	6.37	6.50	6.70	6.91	6.58	6.71	6.92	7.15
80	2240	MBh	58.8	60.1	64.2	68.7	57.5	58.7	62.7	67.1	56.1	57.3	61.2	65.5	54.7	55.9	59.7	63.9	52.0	53.1	56.8	60.7	48.2	49.2	52.6	56.2
		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	5.31	5.42	5.58	5.74	5.69	5.81	5.98	6.16	6.03	6.15	6.34	6.53	6.32	6.45	6.65	6.86	6.57	6.71	6.92	7.14	6.79	6.93	7.15	7.38
	2000	MBh	57.1	58.4	62.4	66.7	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6
		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	5.27	5.38	5.53	5.70	5.65	5.76	5.93	6.12	5.98	6.10	6.29	6.48	6.27	6.40	6.60	6.81	6.52	6.66	6.87	7.08	6.74	6.88	7.09	7.32
	1760	MBh	54.3	55.4	59.2	63.3	53.0	54.2	57.9	61.8	51.7	52.9	56.5	60.4	50.5	51.6	55.1	58.9	47.9	49.0	52.3	56.0	44.4	45.4	48.5	51.8
		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	5.20	5.30	5.45	5.61	5.56	5.67	5.84	6.02	5.89	6.01	6.19	6.38	6.17	6.30	6.50	6.70	6.42	6.55	6.76	6.97	6.63	6.77	6.98	7.20
85	2240	MBh	59.9	61.0	63.9	68.2	58.5	59.6	62.4	66.6	57.1	58.2	60.9	65.0	55.7	56.8	59.4	63.4	52.9	53.9	56.5	60.2	49.0	49.9	52.3	55.8
		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	5.35	5.46	5.62	5.79	5.73	5.85	6.03	6.21	6.07	6.20	6.39	6.59	6.37	6.50	6.70	6.92	6.62	6.76	6.98	7.20	6.84	6.99	7.21	7.44
	2000	MBh	58.1	59.2	62.0	66.2	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2
		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	5.31	5.42	5.58	5.74	5.69	5.81	5.98	6.16	6.03	6.15	6.34	6.53	6.32	6.45	6.65	6.86	6.57	6.71	6.92	7.14	6.79	6.93	7.15	7.38
	1760	MBh	55.2	56.3	58.9	62.9	53.9	55.0	57.6	61.4	52.6	53.7	56.2	60.0	51.4	52.3	54.8	58.5	48.8	49.7	52.1	55.6	45.2	46.1	48.2	51.5
		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	5.23	5.34	5.49	5.66	5.61	5.72	5.89	6.07	5.93	6.05	6.24	6.43	6.22	6.35	6.55	6.75	6.47	6.60	6.81	7.03	6.68	6.82	7.04	7.26

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ACCESSORIES
ROOF CURBS, TRANSITION AND DUCT KITS

Used on (Unit Size)	8" Curb	14" Curb	24" Curb	Square to Round Transition Kit	Round Duct Size (Inches)	Concentric Grill Flush Mount	Concentric Grill Step Down
1 1/2 - 3 1/2 Ton	ACL01FB0A *	ACM01FB0A *	ACH01FB0A *	ACT01FB0A	16	AXB020CFA	AXB020CSA
	AXB020CLA **	AXB020CMA **	AXB020CHA **	AXB020CTA	16	AXB020CFA	AXB020CSA
4 - 5 Ton	ACL02FB0A *	ACM02FB0A *	ACH02FB0A *	ACT02FB0A	18	AXB030CFA	AXB030CSA
	AXB020CLA **	AXB020CMA **	AXB020CHA **	ACT22FB0A	18	AXB030CFA	AXB030CSA

ROOF CURB DIMENSIONS (AC SERIES)

Model No.	A	B	C	D	E	F	G	H	K (ACL)	K (ACM)	K (ACH)
AC(L,M,H)01FB0A	42-1/2	39-1/2	16	21-1/2	2	45-3/4	42-3/4	20	8	14	24
AC(L,M,H)02FB0A	44-3/4	41-3/4	18-7/8	20-7/8	2	45-3/4	42-3/4	22	8	14	24

ROOF CURB DIMENSIONS (AX SERIES)

Model No.	A	B	C	D	E	F	G	H	K (CLA)	K (CMA)	K (CHA)
AXB020C(L,M,H)A**	42-3/4	39-3/4	18	18	3-3/4	42-3/4	39-3/4	18	8	14	24

* Full Perimeter Curbs

** AXB curbs are not full perimenter curbs. 1-1/2 to 3-1/2 ton units have a 3 inch overhang on the control access panel end of the unit . The 4 & 5 ton units have a 3 to 4 inch overhang on the back and sides. There will be some supply air blockage, but this does not affect the performance of the unit.

ECONOMIZERS

Description	Mainline Model Number	Used on
Fully Modulating Horizontal	AHE01FB0A	1-1/2 to 3-1/2 Ton
Fully Modulating Horizontal	AHE02FB0A	4 to 5 Ton
Fully Modulating Downflow	AEM01FB0A	1-1/2 to 3-1/2 Ton
3 Position Horizontal	AHP01FB0A	1-1/2 to 3-1/2 Ton
3 Position Horizontal	AHP02FB0A	4 to 5 Ton
3 Position Downflow	AEP01FB0A	1-1/2 to 3-1/2 Ton

FRESH AIR DAMPERS

Description	Mainline Model Number	Used on
35% Manual Fresh Air Damper	AFA01FB0A	1-1/2 to 3-1/2 Ton
35% Manual Fresh Air Damper	AFA02FB0A	4 to 5 Ton
35% Motorized Fresh Air Damper	AFM01FB0A	1-1/2 to 3-1/2 Ton
35% Motorized Fresh Air Damper	AFM02FB0A	4 to 5 Ton

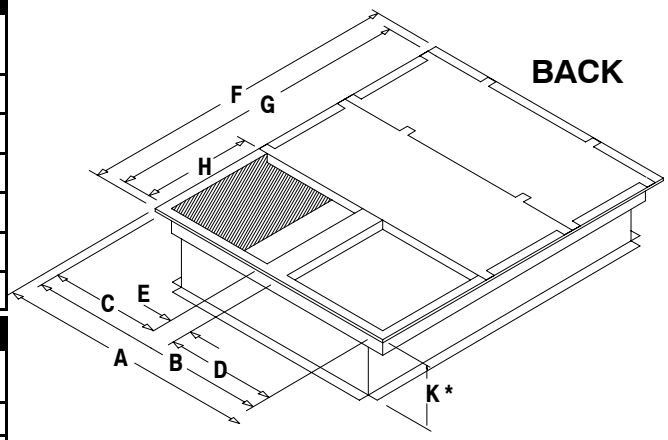
RETURN AIR FILTER KIT

Description	Mainline Model Number	Used on
Return Air Filter Kit	AKF12FBOA	ALL

Filters not included in kit, small chassis uses 12 x 25 x 1 (2 ea), large chassis uses 14 x 25 x 1 (2 ea)

HAIL GUARD

Description	Mainline Model Number	Used on
Hail Guard	AGH01FB0A	1-1/2 to 3-1/2 Ton
	AGH02FB0A	4 to 5 Ton



Curb Dimensions

Roof Curbs available in 8", 14" and 24" Heights (K Dimensions)

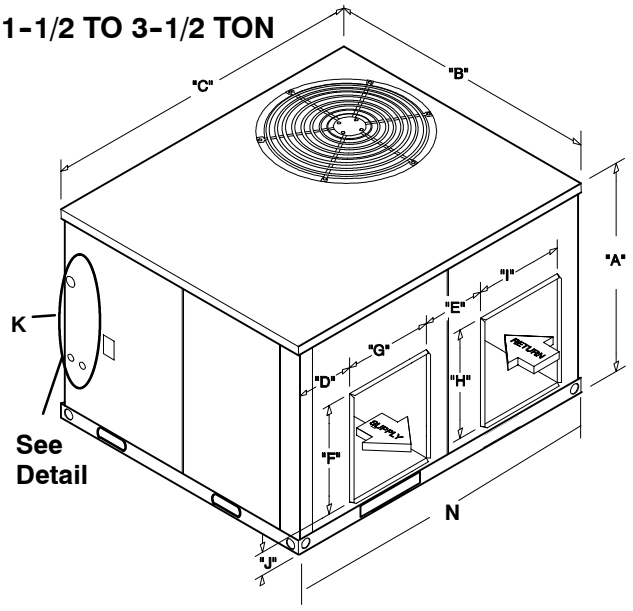
CONVERSION KITS

MODEL	Natural to L.P. KIT 1172662 ORIFICE #54	Natural to L.P. KIT 1172663 ORIFICE #55	L.P. to Natural KIT 1172664 ORIFICE #44	L.P. to Natural KIT 1098575 ORIFICE #41,42	MODEL	Natural to L.P. KIT 1172662 ORIFICE #54	Natural to L.P. KIT 1172663 ORIFICE #55	L.P. to Natural KIT 1172664 ORIFICE #44	L.P. to Natural KIT 1098575 ORIFICE #41,42
PG*018K040(F)		X	X		PG*036K100(F)	X			X
PG*024K040(F)		X	X		PG*042K080(F)		X	X	
PG*024K060(F)		X	X		PG*042K100(F)	X			X
PG*030K060(F)		X	X		PG*048K080(F)		X	X	
PG*030K080(F)		X	X		PG*048K120(F)	X			X
PG*036K060(F)		X	X		PG*060K100(F)	X			X
PG*036K080(F)		X	X		PG*060K140(E/F)	X			X

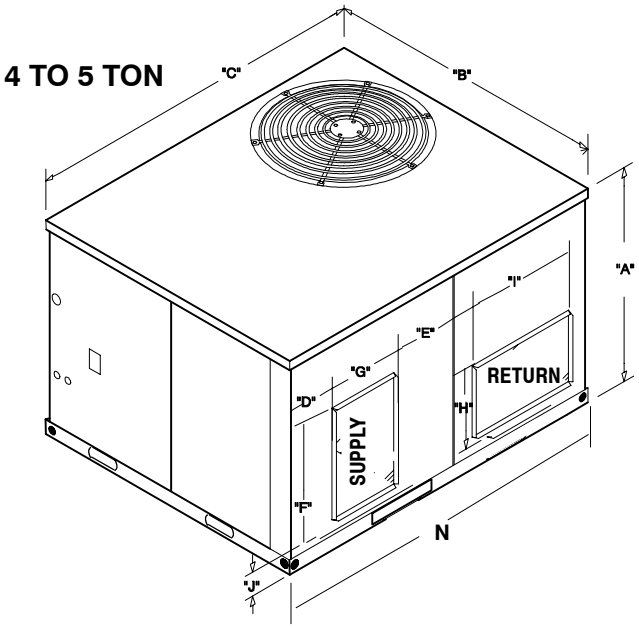
* F = PGF Standard Models, C = PGC models with Nox baffles and meet California emission requirements.

UNIT DIMENSIONS

1-1/2 TO 3-1/2 TON

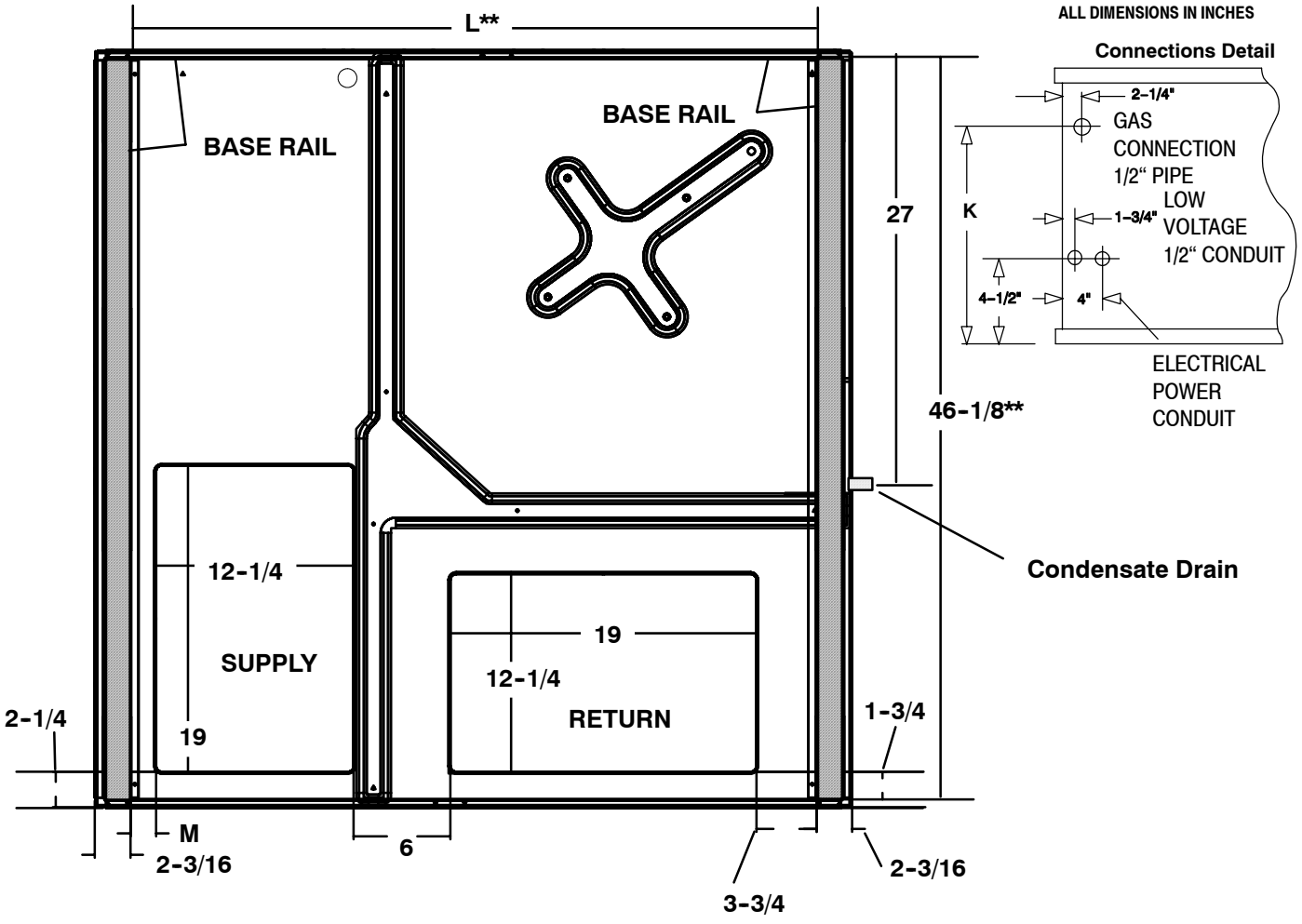


4 TO 5 TON



BASE PAN - CHASSIS

ALL DIMENSIONS IN INCHES



UNIT SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1-1/2 TO 3-1/2 Ton	29-1/2	47-1/2	47-1/2	3	9-1/2	12	14	12	14	4-1/2	16	42-3/4	1-9/16	46-1/2
4 TO 5 Ton	37-1/2	47-1/2	51-1/2	7-1/2	6-1/2	19	12	12	19	4-1/2	22	46-1/4	5-3/16	49-3/4
** Measured from inside to inside on base rails.														

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER	P	G	F	024	K	060	F - Engineering Code

P = Single Package

GAS ELECTRIC

F = STANDARD SERIES

C = CALIFORNIA NOx EQUIPPED MODELS

GAS HEAT INPUT

040 = 40,000 100= 100,000

060 = 60,000 120 = 120,000

080 = 80,000 140 = 140,000

ELECTRICAL CHARACTERISTICS

K = 208 / 230-1-60

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 triple-coated steel, consisting of a Polyester top coat, a urethane primer coat preceeded by an oxide pretreatment. One piece weather resistant top. The base rails are 16 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 1/2" 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 (5 ton has scroll 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.

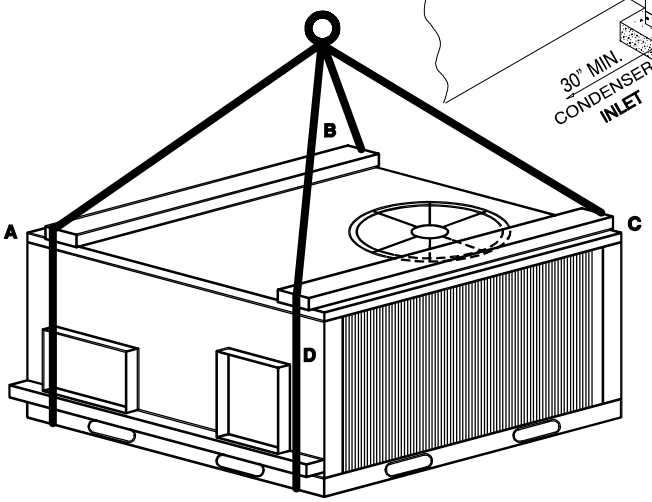
EVAPORATOR BLOWER

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.

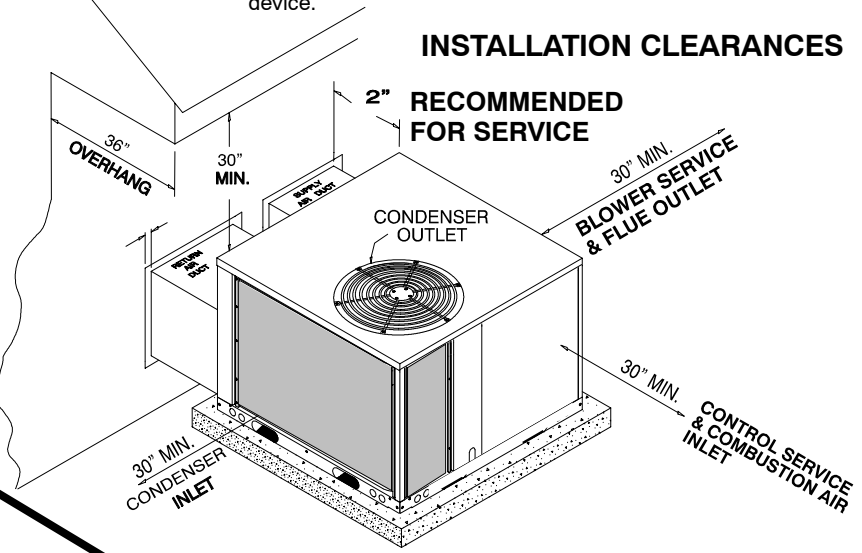
HEATING SECTION

The gas-fired heating section features an induced draft blower for combustion air. The unit has an aluminized steel serpentine clamshell 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.

RIGGING DETAILS



INSTALLATION CLEARANCES



CORNER WEIGHTS (LBS)

UNIT SIZE	A	B	C	D	OPERATING WEIGHT TOTAL
1-1/2 TON	68	85	119	68	340
2 TON	68	85	119	68	340
2-1/2 TON	70	88	122	70	350
3 TON	72	90	126	72	360
3-1/2 TON	77	98	131	77	380
4 TON	98	123	171	98	490
5 TON	100	125	175	100	500

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE