PAF SERIES

TEMPSTAR®
Heating and Cooling Products

CONVERTIBLE SINGLE PACKAGE AIR CONDITIONER

2 THRU 5 TON, SINGLE PHASE

- Efficiency: PAF - ***10 SEER.***
- Combination 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 electric heat 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 gauge base with rails.
- Coil Guard to protect condenser coil.

ACCESS PANELS

- Located to provide easy serviceability. The 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. 2 to 4 ton uses reciprocating 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 flow is controlled with capillary tubes. The refrigerant circuit is sealed, tested, and fully charged at the factory.

EXTERNALLY-MOUNTED GAUGE PORTS

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

EVAPORATOR BLOWER

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

AIR FILTERS

- Air filters are not supplied with these units. Air filters, provided by the installer, can be used in the return air duct system.

WARRANTY

- Standard five (5) year limited warranty on parts.
- Five (5) year limited warranty on the compressor.

MANUFACTURER CERTIFIED TO ARI AS COMPLYING WITH UNITARY AIR-CONDITIONING EQUIPMENT CERTIFICATION SECTION OF ARI STANDARD 210

c UL US

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

519 21 1101 04
5/16/02

UNIT SPECIFICATIONS

MODEL * NUMBER	Electrical Data			Condenser Data									BELS
				Coil			Fan Motor			Fan			
	208 / 230 Voltage Phase - Hz	Maximum Overcurrent Protection	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.)	
PAF024K000A	1-60	25 amps.	16..6	8.0	20 / 1	3/8	1/5	1.3	1140	20.3	3 -21	2250	7.8
PAF030K000A	1-60	35 amps.	21.6	8.0	20 / 1	3/8	1/5	1.3	1140	20.3	3 -21	2250	7.8
PAF036K000A	1-60	40 amps.	25.1	11.4	20 / 1	3/8	1/3	1.9	1140	20.3	3 -27	2900	7.8
PAF042K000A	1-60	45 amps.	28.1	14.9	20 / 1	3/8	1/3	1.9	1140	20.3	3 -27	3000	7.8
PAF048K000A	1-60	50 amps.	32.3	10.5	20 / 2	3/8	1/3	1.9	1140	20.3	3 -27	3000	7.8
PAF060K000A	1-60	60 amps.	45.1	14.9	20 / 2	3/8	1/3	1.9	1140	20.3	3 -27	3000	8.0

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		
PAF024K000A	3.67	14 / 2	3/8	1/4 / PSC / 3	2.2	4.1	DD10-8A	1000	800	Recip	10.5	56	58	292
PAF030K000A	3.67	14 / 2	3/8	1/3 / PSC / 3	3.1	5.6	DD10-8A	1000	1000	Recip	13.7	75	52	299
PAF036K000A	3.67	14 / 3	3/8	1/3 / PSC / 3	3.1	5.6	DD10-8A	1000	1200	Recip	16.0	82	71	310
PAF042K000A	5.33	14 / 2	3/8	1/2 / PSC / 3	4.0	6.8	DD11-9A	1000	1400	Recip	17.8	105	87	332
PAF048K000A	5.33	14 / 3	3/8	3/4 / PSC / 4	6.0	13.2	DD11-11A	1000	1600	Recip	19.5	102	102	375
PAF060K000A	5.33	14 / 4	3/8	1 / PSC / 4	6.0	15.1	DD11-11A	1000	2000	Scroll	29.7	170	136	375

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 [2] Pressure Drop Wet
PAF024K000A	23,800	.75	10.0	9.1	2700	800	.2
PAF030K000A	28,800	.75	10.0	8.95	3275	1000	.2
PAF036K000A	34,200	.75	10.0	8.50	3890	1200	.2
PAF042K000A	39,600	.75	10.0	8.95	4545	1400	.15
PAF048K000A	45,600	.75	10.0	9.10	5115	1600	.15
PAF060K000A	58,600	.75	10.0	8.75	6480	1900	.15

[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

ELECTRICAL DATA: ELECTRIC HEAT ACCESSORY

HEATER MODEL	Used With	Supply Voltage	KW Rating	Nominal Heating BTUH	Supply Circuit No.	Heater Amps	Mininum Circuit Ampacity	Maximum Overcurrent Protective Device (Amps)
AAH05FBKAA	2 - 5 Ton	240-1-60	4.8	16,382	L3 - L4	20.0	25.0	30
		208-1-60	3.6	12,287	L3 - L4	17.3	21.6	25
AAH07FBKAA	2 - 5 Ton	240-1-60	7.5	25,598	L3-L4	31.2	39.0	45
		208-1-60	5.6	19,113	L3-L4	26.9	33.6	40
AAH10FBKAA	2 - 5 Ton	240-1-60	9.6	32,765	L3 - L4	40.0	50.0	60
		208-1-60	7.2	24,574	L5 - L6	34.6	43.3	50
AAH15FBKAA	2 1/2 - 5 Ton	240-1-60	14.4	49,147	L3 - L4 L5 - L6	40.0 20.0	50.0 25.0	60 30
		208-1-60	10.8	36,860	L3 - L4 L5 - L6	34.6 17.3	43.3 21.6	50 25
AAH20FBKAA	3 - 5 Ton	240-1-60	19.2	65,530	L3 - L4 L5 - L6	40.0 40.0	50.0 50.0	60 60
		208-1-60	14.4	49,147	L3 - L4 L5 - L6	34.6 34.6	43.3 43.3	50 50

Heater Model	Use With	Supply Voltage	KW Rating	Total Heating BTUH	*Temperature Rise °F @ CFM								
					600	800	1000	1200	1400	1600	1800	2000	2200
AAH05FBKAA	2 - 5 Ton	240-1-60	4.8	16,832	25.3	19.0	15.2	12.6	10.8	9.5	8.4	7.6	---
		208-1-60	3.6	12,287	19.0	14.2	11.4	9.5	8.1	7.1	6.3	5.7	---
AAH07FBKAA	2 - 5 Ton	240-1-60	7.5	25,598	39.5	29.6	23.7	19.8	16.9	14.8	13.2	11.9	10.8
		208-1-60	5.6	19,113	29.5	22.1	17.7	14.7	12.6	11.1	9.8	8.8	8.0
AAH10FBKAA	2 - 5 Ton	240-1-60	9.6	32,765	50.6	37.9	30.3	25.3	21.7	19.0	16.9	15.2	13.8
		208-1-60	7.2	24,574	37.9	28.4	22.8	19.0	16.3	14.2	12.6	11.4	10.3
AAH15FBKAA	2 1/2 - 5 Ton	240-1-60	14.4	49,147	---	56.9	45.5	37.9	32.5	28.4	25.3	22.8	20.7
		208-1-60	10.8	36.860	56.9	42.7	34.1	28.4	24.4	21.3	19.0	17.1	15.5
AAH20FBKAA	3 - 5 Ton	240-1-60	19.2	65,530	---	---	---	50.6	43.3	37.9	33.7	30.3	27.6
		208-1-60	14.4	49,147	---	56.9	45.5	37.9	32.5	28.4	25.3	22.8	20.7

Blower Performance Data in Horizontal Configuration						ARI Minimum Static Without Filter	Actual Capacity Rating	ARI Minimum Allowable Airflow - 350 CFM/ton**
	Motor	Air Delivery in CFM at ESP *						
UNIT SIZE	Speed	0.20	0.30	0.40	0.50	inches of water	BTU/hr	CFM
2 TON	HI	1063	1066	1064	1049	0.18	23800	694
	MD	738	756	761	754	0.18	23800	694
	LO	n/a	n/a	n/a	n/a	0.18	23800	694
2½ TON	HI	1621	1570	1513	1445	0.23	28800	840
	MD	1332	1304	1269	1237	0.23	28800	840
	LO	1004	1009	996	980	0.23	28800	840
3 TON	HI	1606	1534	1459	1382	0.23	34200	998
	MD	1384	1326	1271	1213	0.23	34200	998
	LO	1084	1053	1024	n/a	0.23	34200	998
3½ TON	HI	1741	1705	1643	1605	0.23	39600	1155
	MD	1360	1357	1344	1318	0.23	39600	1155
	LO	n/a	n/a	n/a	n/a	0.23	39600	1155
4 TON	HI	2607	2564	2440	2354	0.28	45600	1330
	MD	1987	1978	1940	1879	0.28	45600	1330
	LO	1594	1596	1580	1556	0.28	45600	1330
5 TON	HI	2441	2362	2240	2169	0.28	58600	1709
	MD HI	2392	2313	2219	2124	0.28	58600	1709
	MD LO	2253	2188	2107	2009	0.28	58600	1709
	LO	2178	2108	2046	1946	0.28	58600	1709

*Air delivery against shown external static pressure taken with 230V to unit and dry coil. For wet coil subtract approximately 25 CFM. Add.08 static for internal filters.

** Applied to the actual capacity rating

EXPANDED PERFORMANCE DATA (COOLING) - 2 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	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

			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	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

EXPANDED PERFORMANCE DATA (COOLING) - 3 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	1344	MBh	33.5	34.7	38.1	-	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	29.6	30.7	33.6	-	27.4	28.4	31.2	-
		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	3.16	3.22	3.32	-	3.39	3.46	3.56	-	3.59	3.66	3.78	-	3.77	3.85	3.97	-	3.92	4.00	4.13	-	4.05	4.14	4.27	-
	1200	MBh	32.5	33.7	36.9	-	31.8	32.9	36.1	-	31.0	32.2	35.2	-	30.3	31.4	34.4	-	28.8	29.8	32.7	-	26.6	27.6	30.2	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		KW	3.14	3.20	3.29	-	3.36	3.43	3.53	-	3.56	3.64	3.75	-	3.74	3.82	3.94	-	3.89	3.97	4.10	-	4.02	4.10	4.23	-
	1056	MBh	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.5	30.5	33.5	-	28.8	29.8	32.7	-	27.3	28.3	31.0	-	25.3	26.2	28.7	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		KW	3.09	3.15	3.24	-	3.31	3.38	3.48	-	3.51	3.58	3.69	-	3.68	3.76	3.87	-	3.83	3.91	4.03	-	3.95	4.04	4.17	-
75	1344	MBh	34.1	35.1	38.0	40.8	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.6	35.3	37.9	30.1	31.0	33.6	36.0	27.9	28.7	31.1	33.4
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
		KW	3.18	3.25	3.34	3.45	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	4.00	4.13	3.95	4.04	4.16	4.30	4.08	4.17	4.30	4.44
	1200	MBh	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.7	31.5	32.5	35.2	37.7	30.8	31.7	34.3	36.8	29.2	30.1	32.6	35.0	27.1	27.9	30.2	32.4
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		KW	3.16	3.22	3.32	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.78	3.90	3.77	3.85	3.97	4.09	3.92	4.00	4.13	4.26	4.05	4.14	4.27	4.41
	1056	MBh	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	30.0	30.9	33.4	35.8	29.2	30.1	32.6	35.0	27.8	28.6	31.0	33.2	25.7	26.5	28.7	30.8
		S/T	0.79	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		KW	3.11	3.17	3.27	3.37	3.34	3.40	3.51	3.62	3.53	3.61	3.72	3.84	3.71	3.79	3.90	4.03	3.86	3.94	4.06	4.19	3.99	4.07	4.20	4.34
80	1344	MBh	34.7	35.4	37.9	40.5	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.2	37.7	30.7	31.3	33.5	35.8	28.4	29.0	31.0	33.1
		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	3.21	3.27	3.37	3.47	3.44	3.51	3.62	3.73	3.65	3.72	3.84	3.96	3.83	3.91	4.03	4.16	3.98	4.07	4.20	4.33	4.12	4.20	4.34	4.48
	1200	MBh	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.1	37.5	31.3	32.0	34.2	36.6	29.8	30.4	32.5	34.7	27.6	28.2	30.1	32.2
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
		KW	3.18	3.25	3.34	3.45	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	4.00	4.13	3.95	4.04	4.16	4.30	4.08	4.17	4.30	4.44
	1056	MBh	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.8	30.4	32.5	34.7	28.3	28.9	30.9	33.0	26.2	26.8	28.6	30.6
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
		KW	3.14	3.20	3.29	3.39	3.36	3.43	3.53	3.64	3.56	3.64	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.10	4.23	4.02	4.10	4.23	4.37
85	1344	MBh	35.3	36.0	37.7	40.2	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.8	33.5	35.0	37.4	31.2	31.8	33.3	35.5	28.9	29.5	30.8	32.9
		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	3.23	3.30	3.40	3.50	3.47	3.54	3.65	3.76	3.68	3.75	3.87	3.99	3.86	3.94	4.06	4.19	4.01	4.10	4.23	4.37	4.15	4.24	4.37	4.52
	1200	MBh	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.7	33.3	34.9	37.2	31.9	32.5	34.0	36.3	30.3	30.9	32.3	34.5	28.0	28.6	29.9	31.9
		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	3.21	3.27	3.37	3.47	3.44	3.51	3.62	3.73	3.65	3.72	3.84	3.96	3.83	3.91	4.03	4.16	3.98	4.07	4.20	4.33	4.12	4.20	4.34	4.48
	1056	MBh	32.6	33.2	34.8	37.1	31.8	32.4	33.9	36.2	31.0	31.6	33.1	35.4	30.3	30.9	32.3	34.5	28.8	29.3	30.7	32.8	26.6	27.2	28.4	30.4
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		KW	3.16	3.22	3.32	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.78	3.90	3.77	3.85	3.97	4.09	3.92	4.00	4.13	4.26	4.05	4.14	4.27	4.41

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA (COOLING) - 4 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	1792	MBh	44.7	46.3	50.7	-	43.6	45.2	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	40.9	44.8	-	36.6	37.9	41.5	-
		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	43.4	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	0.76	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	41.2	42.7	46.8	-	40.3	41.7	45.7	-	39.3	40.7	44.6	-	38.3	39.7	43.5	-	36.4	37.7	41.4	-	33.7	35.0	38.3	-
		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	45.4	46.8	50.6	54.4	44.4	45.7	49.5	53.1	43.3	44.6	48.3	51.8	42.3	43.5	47.1	50.6	40.2	41.3	44.8	48.0	37.2	38.3	41.5	44.5
		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	44.1	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	0.86	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	41.9	43.2	46.7	50.1	40.9	42.1	45.6	49.0	40.0	41.1	44.5	47.8	39.0	40.1	43.4	46.6	37.0	38.1	41.3	44.3	34.3	35.3	38.2	41.0
		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	46.2	47.3	50.5	54.0	45.2	46.2	49.3	52.7	44.1	45.1	48.1	51.5	43.0	44.0	47.0	50.2	40.9	41.8	44.6	47.7	37.9	38.7	41.3	44.2
		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	44.9	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	0.94	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	42.7	43.6	46.6	49.8	41.7	42.6	45.5	48.6	40.7	41.6	44.4	47.5	39.7	40.5	43.3	46.3	37.7	38.5	41.2	44.0	34.9	35.7	38.1	40.8
		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	47.1	48.0	50.2	53.6	46.0	46.9	49.1	52.4	44.9	45.7	47.9	51.1	43.8	44.6	46.7	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.1	43.9
		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	45.7	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	0.99	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	43.4	44.2	46.3	49.4	42.4	43.2	45.3	48.3	41.4	42.2	44.2	47.1	40.4	41.2	43.1	46.0	38.4	39.1	40.9	43.7	35.5	36.2	37.9	40.5
		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

IDB*	Airflow CFM		Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2240	MBh	57.4	59.5	65.2	-	56.1	58.1	63.7	-	54.8	56.7	62.2	-	53.4	55.4	60.7	-	50.7	52.6	57.6	-	47.0	48.7	53.4	-
		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	55.8	57.8	63.3	-	54.5	56.4	61.8	-	53.2	55.1	60.4	-	51.9	53.8	58.9	-	49.3	51.1	55.9	-	45.6	47.3	51.8	-
		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	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.5	52.3	57.3	-	49.3	51.1	55.9	-	46.8	48.5	53.2	-	43.4	44.9	49.2	-
		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	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	58.4	60.1	65.1	69.8	57.0	58.7	63.6	68.2	55.7	57.3	62.1	66.6	54.3	55.9	60.5	65.0	51.6	53.1	57.5	61.7	47.8	49.2	53.3	57.2
		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	56.7	58.4	63.2	67.8	55.4	57.0	61.7	66.2	54.1	55.7	60.2	64.7	52.7	54.3	58.8	63.1	50.1	51.6	55.8	59.9	46.4	47.8	51.7	55.5
		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	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	53.9	55.5	60.0	64.4	52.6	54.2	58.6	62.9	51.4	52.9	57.2	61.4	50.1	51.6	55.8	59.9	47.6	49.0	53.0	56.9	44.1	45.4	49.1	52.7
		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	59.4	60.7	64.9	69.4	58.1	59.3	63.4	67.7	56.7	57.9	61.9	66.1	55.3	56.5	60.4	64.5	52.5	53.7	57.3	61.3	48.7	49.7	53.1	56.8
		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	57.7	59.0	63.0	67.3	56.4	57.6	61.5	65.8	55.0	56.2	60.1	64.2	53.7	54.8	58.6	62.6	51.0	52.1	55.7	59.5	47.2	48.3	51.6	55.1
		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	54.8	56.0	59.8	64.0	53.5	54.7	58.5	62.5	52.3	53.4	57.1	61.0	51.0	52.1	55.7	59.5	48.4	49.5	52.9	56.5	44.9	45.9	49.0	52.4
		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	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	60.5	61.6	64.6	68.9	59.1	60.2	63.1	67.3	57.7	58.8	61.6	65.7	56.3	57.3	60.1	64.1	53.4	54.5	57.1	60.9	49.5	50.5	52.8	56.4
		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	58.7	59.8	62.7	66.9	57.3	58.5	61.2	65.3	56.0	57.1	59.8	63.8	54.6	55.7	58.3	62.2	51.9	52.9	55.4	59.1	48.1	49.0	51.3	54.7
		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	55.8	56.9	59.5	63.5	54.5	55.5	58.2	62.0	53.2	54.2	56.8	60.6	51.9	52.9	55.4	59.1	49.3	50.2	52.6	56.1	45.7	46.5	48.7	52.0
		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

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
2 - 3 1/2 Ton	ACL01FB0A *	ACM01FB0A *	ACH01FB0A *	ACT01FB0A	16	AXB020CFA	AXB020CSA
	AXB020CLA **	AXB020CMA **	AXB020CHA **	AXB020CTA	16	AXB020CFA	AXB020CSA
4 - 5 Ton	ACL01FB0A *	ACM01FB0A *	ACH01FB0A *	ACT11FB0A	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

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. There will be a 3 inch overhang on the control access panel end of the unit . 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	2 to 3-1/2 Ton
Fully Modulating Horizontal	AHE02FB0A	4 to 5 Ton
Fully Modulating Downflow	AEM01FB0A	2 to 3-1/2 Ton
Fully Modulating Downflow	AEM03FB0A	4 to 5 Ton
3 Position Horizontal	AHP01FB0A	2 to 3-1/2 Ton
3 Position Horizontal	AHP02FB0A	4 to 5 Ton
3 Position Downflow	AEP01FB0A	2 to 3-1/2 Ton
3 Position Downflow	AEP03FB0A	4 to 5 Ton

FRESH AIR DAMPERS

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

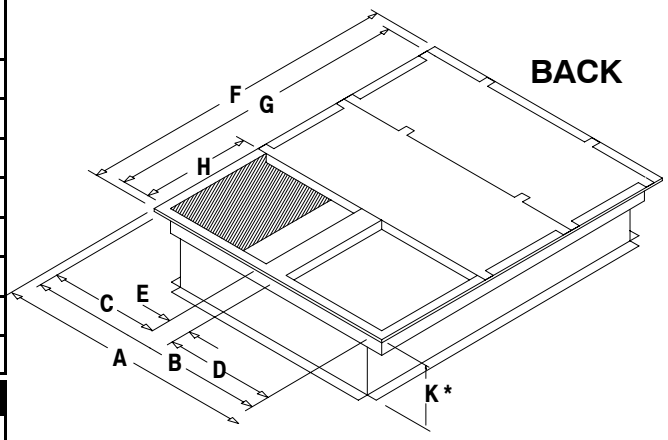
RETURN AIR FILTER KIT

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	2 to 3-1/2 Ton
	AGH02FB0A	4 to 5 Ton

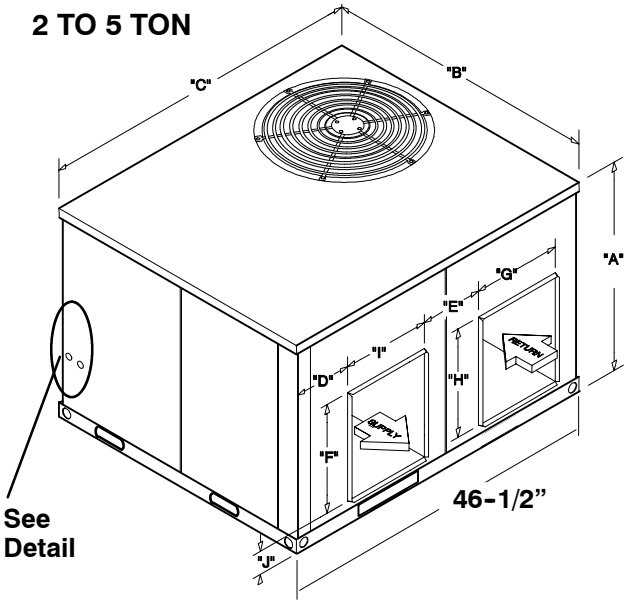


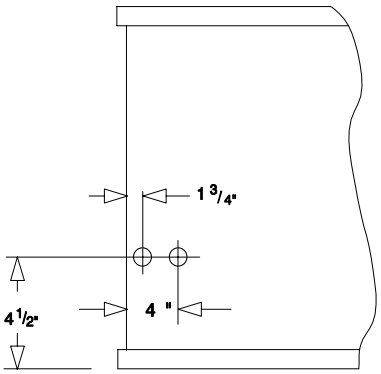
Curb Dimensions

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

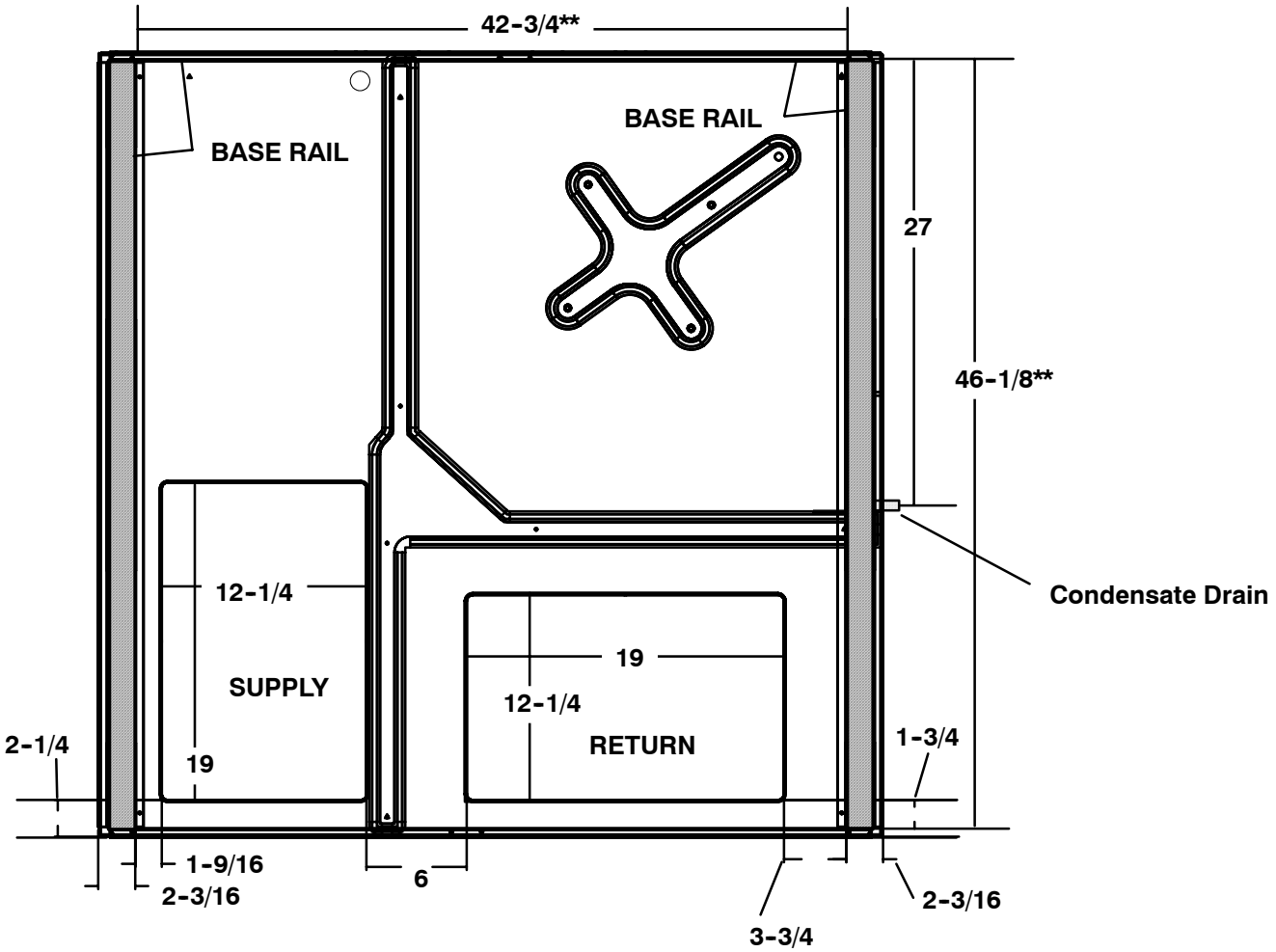
UNIT DIMENSIONS

2 TO 5 TON





BASE PAN - CHASSIS



UNIT SIZE	A	B	C	D	E	F	G	H	I	J
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
4 TO 5 Ton	37-1/2	47-1/2	47-1/2	4	6-1/2	19	19	12	12	4-1/2
** Measured from inside to inside on base rails.										

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER	P	A	F	024	K	000
P = Single Package						
AIR CONDITIONER						
F = STANDARD SERIES						
						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 reciprocating 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.

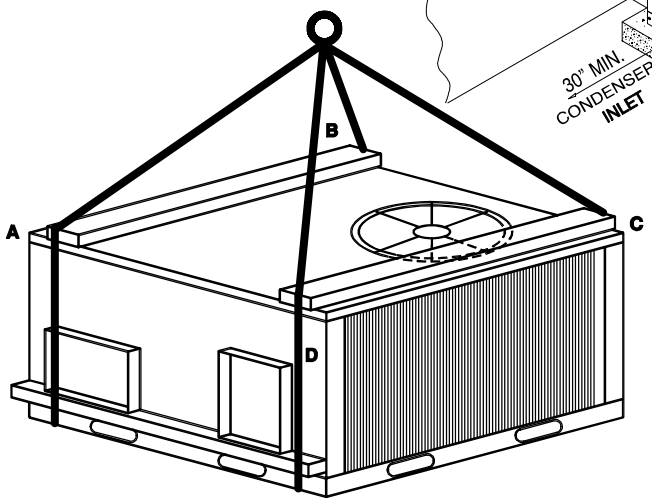
CONDENSER FAN

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.

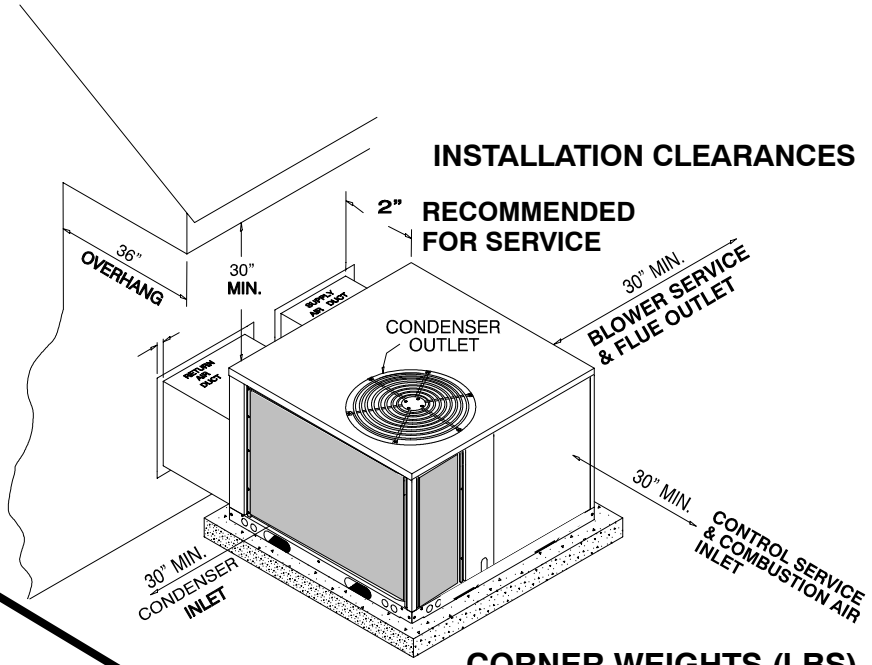
EVAPORATOR BLOWER

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.

RIGGING DETAILS



INSTALLATION CLEARANCES



CORNER WEIGHTS (LBS)

UNIT SIZE	A	B	C	D	OPERATING WEIGHT TOTAL
2 TON	68	85	119	68	289
2-1/2 TON	70	88	122	70	294
3 TON	72	90	126	72	325
3-1/2 TON	82	103	143	82	327
4 TON	98	123	171	98	368
5 TON	100	125	175	100	372

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE