Comfortmaker®
Air Conditioning & Heating

HPFM Series
10 SEER
PACKAGE HEAT PUMP
SPECIFICATIONS

CONVERTIBLE SINGLE PACKAGE HEAT PUMP

2 THRU 5 TON, SINGLE PHASE
- Efficiency: - ***10 SEER.***
- Combination heating and cooling, self-contained for year-round comfort. Systems install on rooftop or at ground level. Units are shipped complete in one carton.

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 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 (Scroll Compressors On All Models)
- The high efficiency compressor has external rubber mounts to help minimize system noise and features an automatic reset current / temperature sensing overload protection system.

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.

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

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

LOSS OF CHARGE PRESSURE SWITCH
- Low pressure switch on the high side to prevent system damage due to a loss of charge

COIL GUARD
- Standard on all units.

Electric Heat
- 5 to 20 kw

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 SECTIONS OF ARI STANDARD 210

Rated in accordance with ARI Standard 210.

c UL US

Listed By Underwriters' Laboratories

International Comfort Products
650 Heil-Quaker Ave.
Lewisburg, Tennessee 37091

518 41 1101 06
10/9/03

UNIT SPECIFICATIONS

MODEL NUMBER	Electrical Data			Condenser Data								BELS
				Coil			Fan Motor		Fan			
	208 / 230 Voltage Ph. - Hz.	Maximum Overcurrent Protection	Ampacity	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Dia. (In.)	Horse power	Full Load Amps	Size Diameter (In.)	Number of Blades / Pitch	CFM (Max.)	
HPFM24K000	1-60	35 amps.	23.8	11.38	20 / 1	3/8	1/5	1.3	20.3	3 / 21	2250	7.8
HPFM30K000	1-60	40 amps.	24.8	11.38	20 / 1	3/8	1/5	1.3	20.3	3 / 21	2250	7.8
HPFM36K000	1-60	40 amps.	25.7	11.38	20 / 1	3/8	1/3	1.9	20.3	3 / 27	2800	7.8
HPFM42K000	1-60	50 amps.	32.6	11.38	18 / 2	3/8	1/3	1.9	20.3	3 / 27	2800	7.8
HPFM48K000	1-60	60 amps.	42.3	14.88	18 / 2	3/8	1/3	1.9	20.3	3 / 27	2800	7.8
HPFM60K000	1-60	60 amps	46.1	14.88	18 / 2	3/8	1/3	1.9	20.3	4 / 25	3300	8.0

MODEL NUMBER	Evaporator Coil								Compressor		Factory Refrigerant Charge R-22 Oz.	Shlp Weight (Lbs.)
	Coil			Blower H.P. / Type / Speeds	Motor Full Load Amps	Blower			Rated Load Amps	Locked Rotor Amps		
	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)			Type & Size	RPM (Maximum)	CFM Rated				
HPFM24K000	3.67	14 / 2	3/8	1/4 / PSC / 3	2.2	DD10-8A	1075	800	16.1	59	77	293
HPFM30K000	4.0	14 / 3	3/8	1/3 / PSC / 3	3.1	DD10-8A	1075	1000	16.3	73	95	313
HPFM36K000	4.0	14 / 3	3/8	1/3 / PSC / 3	3.1	DD10-8A	1075	1200	16.5	93	95	320
HPFM42K000	3.67	14 / 4	3/8	1/2 / PSC / 3	4.0	DD10-8A	1075	1450	21.4	127	130	347
HPFM48K000	5.33	14 / 3	3/8	3/4 / PSC / 3	6.0	DD11-11A	1075	1600	26.2	131	176	392
HPFM60K000	5.33	14 / 4	3/8	1 / PSC / 4	6.0	DD11-11A	1100	2000	30.6	144	176	441

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PERFORMANCE DATA: COOLING

MODEL NUMBER	Rated Capacity [2] BTUH Cooling	Rated Capacity 1 BTUH Heating	S / T Ratio	HSPF	S.E.E.R.	E.E.R. [4]	Power Input Watts	Evaporator Rated Airflow (SCFM)	Ext. Static Pressure Drop [3] Wet
HPFM24K000	23,400	24,000	.76	6.8	10.0	9.1	2629	800	.25
HPFM30K000	28,800	29,600	.78	6.8	10.0	8.8	3273	1000	.25
HPFM36K000	34,000	32,000	.80	6.8	10.0	8.5	4000	1200	.30
HPFM42K000	40,000	40,000	.80	6.8	10.0	8.9	4494	1450	.30
HPFM48K000	46,000	48,000	.79	6.8	10.0	8.9	5169	1600	.30
HPFM60K000	58,000	60,000	.77	6.8	10.0	8.7	6552	2000	.30

[1] Rated Capacity @ 47° F.
[2] Rated Capacity @ 230 Volts. For applications at 208 volts deduct 1000 BTU. Contact distributor for availabilty dates.
[3] Includes a .08 drop for a filter.
[4] 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	16,382	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

* Temperature Rise Must Not Exceed 60° F (Electric Heat Only)

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	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
Short Chassis	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
Tall Chassis	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 internalfilters.

** Applied to the ACTUAL capacity rating.

EXPANDED PERFORMANCE DATA (COOLING) - 2 TON

Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			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	952	MBh	22.9	23.8	26.0	-	22.4	23.2	25.4	-	21.9	22.7	24.8	-	21.3	22.1	24.2	-	20.3	21.0	23.0	-	18.8	19.5	21.3	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		KW	2.07	2.11	2.17	-	2.22	2.26	2.33	-	2.34	2.39	2.46	-	2.45	2.50	2.58	-	2.55	2.60	2.68	-	2.63	2.69	2.77	-
	850	MBh	22.3	23.1	25.3	-	21.7	22.5	24.7	-	21.2	22.0	24.1	-	20.7	21.5	23.5	-	19.7	20.4	22.3	-	18.2	18.9	20.7	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		KW	2.06	2.10	2.16	-	2.20	2.24	2.31	-	2.33	2.37	2.44	-	2.44	2.49	2.56	-	2.53	2.58	2.66	-	2.61	2.66	2.75	-
	748	MBh	21.1	21.9	24.0	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.7	20.4	22.3	-	18.7	19.4	21.2	-	17.3	17.9	19.7	-
		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	2.03	2.07	2.13	-	2.17	2.21	2.27	-	2.29	2.34	2.41	-	2.40	2.45	2.52	-	2.49	2.54	2.62	-	2.57	2.62	2.70	-
75	952	MBh	23.3	24.0	26.0	27.9	22.8	23.5	25.4	27.2	22.2	22.9	24.8	26.6	21.7	22.3	24.2	25.9	20.6	21.2	23.0	24.6	19.1	19.7	21.3	22.8
		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	2.09	2.13	2.19	2.25	2.23	2.28	2.34	2.41	2.36	2.41	2.48	2.56	2.47	2.52	2.60	2.68	2.57	2.62	2.70	2.79	2.65	2.71	2.79	2.88
	850	MBh	22.6	23.3	25.2	27.1	22.1	22.8	24.6	26.4	21.6	22.2	24.1	25.8	21.1	21.7	23.5	25.2	20.0	20.6	22.3	23.9	18.5	19.1	20.7	22.2
		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	2.07	2.11	2.17	2.24	2.22	2.26	2.33	2.40	2.34	2.39	2.46	2.54	2.46	2.50	2.58	2.66	2.55	2.60	2.68	2.76	2.63	2.69	2.77	2.85
	748	MBh	21.5	22.1	24.0	25.7	21.0	21.6	23.4	25.1	20.5	21.1	22.9	24.5	20.0	20.6	22.3	23.9	19.0	19.6	21.2	22.7	17.6	18.1	19.6	21.1
		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	2.05	2.08	2.14	2.20	2.19	2.23	2.29	2.36	2.31	2.35	2.42	2.50	2.42	2.47	2.54	2.62	2.51	2.56	2.64	2.72	2.59	2.64	2.72	2.81
80	952	MBh	23.7	24.3	25.9	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	22.1	22.6	24.1	25.8	21.0	21.4	22.9	24.5	19.4	19.9	21.2	22.7
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		KW	2.10	2.14	2.21	2.27	2.25	2.29	2.36	2.43	2.38	2.43	2.50	2.57	2.49	2.54	2.62	2.70	2.59	2.64	2.72	2.81	2.67	2.73	2.81	2.90
	850	MBh	23.0	23.5	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.4	24.0	25.6	21.4	21.9	23.4	25.0	20.4	20.8	22.2	23.8	18.9	19.3	20.6	22.0
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
		KW	2.09	2.13	2.19	2.25	2.23	2.28	2.34	2.41	2.36	2.41	2.48	2.56	2.47	2.52	2.60	2.68	2.57	2.62	2.70	2.79	2.65	2.71	2.79	2.88
	748	MBh	21.9	22.4	23.9	25.5	21.4	21.8	23.3	25.0	20.9	21.3	22.8	24.4	20.4	20.8	22.2	23.8	19.3	19.8	21.1	22.6	17.9	18.3	19.6	20.9
		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	2.06	2.10	2.16	2.22	2.20	2.24	2.31	2.38	2.33	2.37	2.44	2.52	2.44	2.49	2.56	2.64	2.53	2.58	2.66	2.74	2.61	2.66	2.75	2.83
85	952	MBh	24.1	24.6	25.8	27.5	23.6	24.0	25.2	26.9	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	21.3	21.8	22.8	24.3	19.8	20.2	21.1	22.5
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		KW	2.12	2.16	2.22	2.29	2.27	2.31	2.38	2.45	2.40	2.44	2.52	2.59	2.51	2.56	2.64	2.72	2.61	2.66	2.74	2.83	2.69	2.75	2.83	2.92
	850	MBh	23.4	23.9	25.0	26.7	22.9	23.3	24.4	26.1	22.4	22.8	23.9	25.5	21.8	22.2	23.3	24.8	20.7	21.1	22.1	23.6	19.2	19.6	20.5	21.9
		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	2.10	2.14	2.21	2.27	2.25	2.29	2.36	2.43	2.38	2.43	2.50	2.57	2.49	2.54	2.62	2.70	2.59	2.64	2.72	2.81	2.67	2.73	2.81	2.90
	748	MBh	22.3	22.7	23.8	25.4	21.8	22.2	23.2	24.8	21.2	21.6	22.7	24.2	20.7	21.1	22.1	23.6	19.7	20.1	21.0	22.4	18.2	18.6	19.5	20.8
		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	2.07	2.11	2.17	2.24	2.22	2.26	2.33	2.40	2.34	2.39	2.46	2.54	2.45	2.50	2.58	2.66	2.55	2.60	2.68	2.76	2.63	2.69	2.77	2.85

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

EXPANDED PERFORMANCE DATA (HEATING) - 2 TON

	Outdoor Ambient Temperature - Degrees F. Dry Bulb																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	17.8	16.4	15.1	14.3	13.8	12.4	11.0	9.6	8.2	6.7
T/R	32.9	31.1	29.3	27.4	26.1	25.3	23.5	21.7	19.4	17.9	16.5	15.6	15.0	13.5	11.9	10.4	8.9	7.3
KW	2.79	2.73	2.68	2.63	2.60	2.58	2.53	2.48	2.22	2.17	2.13	2.10	2.08	2.04	1.99	1.95	1.90	1.85
COP	3.17	3.06	2.94	2.80	2.70	2.64	2.50	2.35	2.35	2.22	2.08	1.99	1.94	1.78	1.61	1.44	1.26	1.05
EER	10.8	10.4	10.0	9.6	9.2	9.0	8.5	8.0	8.0	7.6	7.1	6.8	6.6	6.1	5.5	4.9	4.3	3.6

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

Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			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	1178	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	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		KW	2.56	2.61	2.69	-	2.75	2.81	2.90	-	2.92	2.99	3.08	-	3.07	3.14	3.24	-	3.20	3.27	3.38	-	3.31	3.39	3.50	-
	1052	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	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		KW	2.54	2.59	2.67	-	2.73	2.79	2.88	-	2.90	2.96	3.06	-	3.05	3.12	3.22	-	3.18	3.25	3.35	-	3.28	3.36	3.47	-
	926	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	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-
		KW	2.50	2.55	2.63	-	2.69	2.75	2.83	-	2.85	2.91	3.01	-	3.00	3.06	3.16	-	3.12	3.19	3.30	-	3.23	3.30	3.41	-
75	1178	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	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
		KW	2.58	2.63	2.72	2.80	2.78	2.83	2.92	3.02	2.95	3.01	3.11	3.21	3.10	3.17	3.27	3.38	3.23	3.30	3.41	3.52	3.34	3.41	3.53	3.64
	1052	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	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
		KW	2.56	2.61	2.70	2.78	2.75	2.81	2.90	2.99	2.92	2.99	3.08	3.18	3.07	3.14	3.24	3.35	3.20	3.27	3.38	3.49	3.31	3.39	3.50	3.61
	926	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	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
		KW	2.52	2.57	2.65	2.74	2.71	2.77	2.85	2.95	2.88	2.94	3.03	3.13	3.02	3.09	3.19	3.29	3.15	3.22	3.32	3.43	3.26	3.33	3.44	3.55
80	1178	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	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		KW	2.60	2.66	2.74	2.82	2.80	2.86	2.95	3.04	2.97	3.04	3.13	3.24	3.13	3.19	3.30	3.41	3.26	3.33	3.44	3.55	3.37	3.44	3.56	3.68
	1052	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	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		KW	2.58	2.63	2.72	2.80	2.78	2.83	2.92	3.02	2.95	3.01	3.11	3.21	3.10	3.17	3.27	3.38	3.23	3.30	3.41	3.52	3.34	3.41	3.53	3.64
	926	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	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58
		KW	2.54	2.59	2.67	2.76	2.73	2.79	2.88	2.97	2.90	2.96	3.06	3.16	3.05	3.12	3.22	3.32	3.18	3.25	3.35	3.46	3.28	3.36	3.47	3.58
85	1178	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	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		KW	2.62	2.68	2.76	2.85	2.82	2.88	2.97	3.07	3.00	3.06	3.16	3.26	3.15	3.22	3.32	3.43	3.28	3.35	3.46	3.58	3.40	3.47	3.59	3.71
	1052	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	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		KW	2.60	2.66	2.74	2.82	2.80	2.86	2.95	3.04	2.97	3.04	3.13	3.24	3.13	3.19	3.30	3.41	3.26	3.33	3.44	3.55	3.37	3.44	3.56	3.68
	926	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	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		KW	2.56	2.61	2.69	2.78	2.75	2.81	2.90	2.99	2.92	2.99	3.08	3.18	3.07	3.14	3.24	3.35	3.20	3.27	3.38	3.49	3.31	3.39	3.50	3.61

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

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

	Outdoor Ambient Temperature - Degrees F. Dry Bulb																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	37.2	35.2	33.2	31.0	29.6	28.7	26.6	24.6	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.1	7.4
T/R	32.7	31.0	29.2	27.3	26.1	25.2	23.4	21.6	17.4	16.1	14.8	14.0	13.5	12.1	10.7	9.3	8.0	6.5
KW	2.83	2.78	2.72	2.67	2.64	2.62	2.57	2.51	2.54	2.49	2.43	2.40	2.38	2.32	2.27	2.21	2.15	2.10
COP	3.84	3.71	3.56	3.40	3.28	3.21	3.04	2.86	2.28	2.15	2.03	1.94	1.88	1.73	1.57	1.41	1.23	1.03
EER	13.1	12.7	12.2	11.6	11.2	11.0	10.4	9.8	7.8	7.3	6.9	6.6	6.4	5.9	5.4	4.8	4.2	3.5

EXPANDED PERFORMANCE DATA (COOLING) - 3 TON

Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			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	1394	MBh	33.3	34.5	37.8	-	32.5	33.7	37.0	-	31.8	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-
		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	-
	1250	MBh	32.3	33.5	36.7	-	31.6	32.7	35.9	-	30.8	32.0	35.0	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-
		S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		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	-
	1106	MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.1	30.8	-	25.2	26.1	28.6	-
		S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-
		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	1394	MBh	33.9	34.9	37.8	40.5	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.6	31.5	32.5	35.1	37.7	29.9	30.8	33.4	35.8	27.7	28.6	30.9	33.2
		S/T	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.94	0.71	0.46
		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
	1250	MBh	32.9	33.9	36.7	39.3	32.1	33.1	35.8	38.4	31.4	32.3	35.0	37.5	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
		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
	1106	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		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	1394	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.6	28.2	28.8	30.8	32.9
		S/T	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.66
		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
	1250	MBh	33.5	34.2	36.6	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.9	37.3	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0
		S/T	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.95	0.78	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
		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
	1106	MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.04	0.98	0.80	0.59	1.05	0.99	0.80	0.60
		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	1394	MBh	35.1	35.8	37.5	40.0	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.7	32.7
		S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
		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
	1250	MBh	34.1	34.7	36.4	38.8	33.3	33.9	35.5	37.9	32.5	33.1	34.7	37.0	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8
		S/T	1.00	0.97	0.87	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	0.99	0.81	1.00	1.00	1.00	0.81
		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
	1106	MBh	32.4	33.0	34.5	36.9	31.6	32.2	33.7	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2
		S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		KW	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

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

EXPANDED PERFORMANCE DATA (HEATING) - 3 TON

	Outdoor Ambient Temperature - Degrees F. Dry Bulb																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	40.2	38.1	35.9	33.5	32.0	31.0	28.8	26.6	22.9	21.2	19.5	18.4	17.7	15.9	14.1	12.3	10.5	8.6
T/R	29.8	28.2	26.6	24.8	23.7	23.0	21.3	19.7	17.0	15.7	14.4	13.6	13.1	11.8	10.4	9.1	7.8	6.4
KW	3.24	3.18	3.12	3.06	3.03	3.01	2.95	2.89	2.96	2.90	2.84	2.80	2.78	2.71	2.65	2.59	2.53	2.47
COP	3.64	3.51	3.36	3.20	3.09	3.02	2.86	2.69	2.27	2.14	2.01	1.92	1.87	1.71	1.55	1.39	1.21	1.02
EER	12.4	12.0	11.5	10.9	10.6	10.3	9.8	9.2	7.8	7.3	6.9	6.6	6.4	5.9	5.3	4.7	4.1	3.5

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

Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			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	1680	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
		S/T	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-
		KW	3.48	3.55	3.67	-	3.75	3.84	3.97	-	4.00	4.09	4.23	-	4.22	4.31	4.46	-	4.40	4.50	4.66	-	4.56	4.67	4.83	-
	1500	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
		S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		KW	3.45	3.52	3.64	-	3.72	3.81	3.93	-	3.97	4.06	4.19	-	4.18	4.28	4.42	-	4.36	4.46	4.62	-	4.52	4.63	4.79	-
	1320	MBh	36.2	37.5	41.1	-	35.3	36.6	40.1	-	34.5	35.7	39.1	-	33.6	34.9	38.2	-	31.9	33.1	36.3	-	29.6	30.7	33.6	-
		S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-
		KW	3.39	3.46	3.58	-	3.66	3.74	3.87	-	3.90	3.99	4.12	-	4.11	4.20	4.35	-	4.29	4.39	4.54	-	4.44	4.55	4.70	-
75	1680	MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0
		S/T	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.94	0.71	0.46
		KW	3.50	3.58	3.70	3.82	3.79	3.87	4.00	4.14	4.03	4.13	4.27	4.41	4.25	4.35	4.50	4.66	4.44	4.54	4.70	4.86	4.60	4.71	4.87	5.04
	1500	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
		KW	3.48	3.55	3.67	3.79	3.75	3.84	3.97	4.10	4.00	4.09	4.23	4.37	4.22	4.31	4.46	4.62	4.40	4.50	4.66	4.82	4.56	4.67	4.83	5.00
	1320	MBh	36.8	37.9	41.0	44.0	35.9	37.0	40.0	43.0	35.1	36.1	39.1	41.9	34.2	35.2	38.1	40.9	32.5	33.5	36.2	38.9	30.1	31.0	33.5	36.0
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		KW	3.42	3.49	3.61	3.73	3.69	3.77	3.90	4.03	3.93	4.02	4.16	4.30	4.15	4.24	4.38	4.54	4.33	4.43	4.58	4.74	4.48	4.59	4.74	4.91
80	1680	MBh	40.6	41.5	44.3	47.3	39.6	40.5	43.3	46.2	38.7	39.5	42.2	45.1	37.7	38.6	41.2	44.0	35.9	36.6	39.1	41.8	33.2	33.9	36.3	38.8
		S/T	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.66
		KW	3.53	3.61	3.73	3.86	3.82	3.90	4.03	4.17	4.07	4.16	4.30	4.45	4.29	4.39	4.54	4.70	4.48	4.58	4.74	4.91	4.64	4.75	4.91	5.09
	1500	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		S/T	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.95	0.78	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
		KW	3.51	3.58	3.70	3.82	3.79	3.87	4.00	4.14	4.04	4.13	4.27	4.41	4.25	4.35	4.50	4.66	4.44	4.54	4.70	4.86	4.60	4.71	4.87	5.04
	1320	MBh	37.4	38.2	40.9	43.7	36.5	37.3	39.9	42.7	35.7	36.5	39.0	41.6	34.8	35.6	38.0	40.6	33.1	33.8	36.1	38.6	30.6	31.3	33.4	35.7
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.04	0.98	0.80	0.59	1.05	0.99	0.80	0.60
		KW	3.45	3.52	3.64	3.76	3.72	3.81	3.93	4.07	3.97	4.06	4.19	4.34	4.18	4.28	4.42	4.57	4.36	4.46	4.62	4.78	4.52	4.63	4.79	4.95
85	1680	MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5
		S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
		KW	3.56	3.64	3.76	3.89	3.85	3.94	4.07	4.21	4.10	4.20	4.34	4.49	4.33	4.43	4.58	4.74	4.52	4.62	4.78	4.95	4.68	4.79	4.96	5.13
	1500	MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		S/T	1.00	0.97	0.87	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	0.99	0.81	1.00	1.00	1.00	0.81
		KW	3.53	3.61	3.73	3.86	3.82	3.90	4.03	4.17	4.07	4.16	4.30	4.45	4.29	4.39	4.54	4.70	4.48	4.58	4.74	4.91	4.64	4.75	4.91	5.09
	1320	MBh	38.1	38.8	40.6	43.4	37.2	37.9	39.7	42.4	36.3	37.0	38.8	41.3	35.4	36.1	37.8	40.3	33.6	34.3	35.9	38.3	31.2	31.8	33.3	35.5
		S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		KW	3.48	3.55	3.67	3.79	3.75	3.84	3.97	4.10	4.00	4.09	4.23	4.37	4.22	4.31	4.46	4.61	4.40	4.50	4.66	4.82	4.56	4.67	4.83	5.00

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

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

	Outdoor Ambient Temperature - Degrees F. Dry Bulb																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	50.3	47.6	44.8	41.9	40.0	38.8	36.0	33.2	27.3	25.2	23.2	21.9	21.1	18.9	16.8	14.6	12.5	10.2
T/R	31.0	29.4	27.7	25.9	24.7	23.9	22.2	20.5	16.8	15.5	14.3	13.5	13.0	11.7	10.4	9.0	7.7	6.3
KW	4.27	4.19	4.10	4.01	3.96	3.92	3.84	3.75	3.84	3.74	3.65	3.60	3.56	3.47	3.38	3.29	3.20	3.11
COP	3.44	3.33	3.20	3.06	2.96	2.89	2.74	2.59	2.08	1.97	1.86	1.78	1.73	1.60	1.45	1.30	1.14	0.96
EER	11.8	11.4	10.9	10.4	10.1	9.9	9.4	8.8	7.1	6.7	6.3	6.1	5.9	5.5	5.0	4.4	3.9	3.3

EXPANDED PERFORMANCE DATA (COOLING) - 4 TON

Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			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	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
		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	4.09	4.17	4.30	-	4.39	4.47	4.61	-	4.64	4.74	4.88	-	4.87	4.97	5.13	-	5.07	5.17	5.34	-	5.23	5.34	5.51	-
	1600	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
		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	4.06	4.14	4.26	-	4.35	4.44	4.57	-	4.61	4.70	4.85	-	4.83	4.94	5.09	-	5.03	5.13	5.29	-	5.19	5.30	5.47	-
	1408	MBh	41.6	43.1	47.2	-	40.6	42.1	46.1	-	39.6	41.1	45.0	-	38.7	40.1	43.9	-	36.7	38.1	41.7	-	34.0	35.3	38.6	-
		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	4.00	4.08	4.20	-	4.29	4.37	4.50	-	4.54	4.63	4.77	-	4.76	4.86	5.01	-	4.95	5.05	5.21	-	5.11	5.22	5.38	-
75	1792	MBh	45.8	47.2	51.1	54.8	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9
		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	4.12	4.21	4.33	4.46	4.42	4.51	4.64	4.79	4.68	4.78	4.92	5.08	4.91	5.01	5.17	5.33	5.11	5.21	5.38	5.55	5.28	5.39	5.56	5.74
	1600	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		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	4.09	4.17	4.30	4.43	4.39	4.47	4.61	4.75	4.65	4.74	4.89	5.04	4.87	4.97	5.13	5.29	5.07	5.17	5.34	5.51	5.23	5.35	5.51	5.69
	1408	MBh	42.3	43.5	47.1	50.6	41.3	42.5	46.0	49.4	40.3	41.5	44.9	48.2	39.3	40.5	43.8	47.0	37.4	38.5	41.6	44.7	34.6	35.6	38.6	41.4
		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	4.03	4.11	4.23	4.36	4.32	4.41	4.54	4.68	4.57	4.67	4.81	4.96	4.80	4.90	5.05	5.21	4.99	5.09	5.25	5.42	5.15	5.26	5.43	5.60
80	1792	MBh	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6
		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	4.15	4.24	4.36	4.49	4.45	4.54	4.68	4.83	4.72	4.81	4.96	5.12	4.95	5.05	5.21	5.38	5.15	5.26	5.42	5.60	5.32	5.43	5.60	5.79
	1600	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
		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	4.12	4.21	4.33	4.46	4.42	4.51	4.65	4.79	4.68	4.78	4.92	5.08	4.91	5.01	5.17	5.33	5.11	5.22	5.38	5.55	5.28	5.39	5.56	5.74
	1408	MBh	43.0	44.0	47.0	50.2	42.0	42.9	45.9	49.1	41.0	41.9	44.8	47.9	40.0	40.9	43.7	46.7	38.0	38.9	41.5	44.4	35.2	36.0	38.5	41.1
		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	4.06	4.14	4.26	4.39	4.35	4.44	4.57	4.71	4.61	4.70	4.85	5.00	4.83	4.94	5.09	5.25	5.03	5.13	5.29	5.46	5.19	5.30	5.47	5.65
85	1792	MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
		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	4.19	4.27	4.40	4.53	4.49	4.58	4.72	4.86	4.75	4.85	5.00	5.16	4.99	5.09	5.25	5.42	5.19	5.30	5.47	5.64	5.36	5.48	5.65	5.83
	1600	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
		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	4.15	4.24	4.36	4.49	4.45	4.54	4.68	4.83	4.72	4.81	4.96	5.12	4.95	5.05	5.21	5.38	5.15	5.26	5.42	5.60	5.32	5.43	5.60	5.79
	1408	MBh	43.8	44.6	46.7	49.9	42.8	43.6	45.7	48.7	41.7	42.6	44.6	47.5	40.7	41.5	43.5	46.4	38.7	39.4	41.3	44.1	35.8	36.5	38.3	40.8
		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	4.09	4.17	4.30	4.43	4.39	4.47	4.61	4.75	4.64	4.74	4.88	5.04	4.87	4.97	5.13	5.29	5.07	5.17	5.34	5.51	5.23	5.34	5.51	5.69

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

EXPANDED PERFORMANCE DATA (HEATING) - 4 TON

	Outdoor Ambient Temperature - Degrees F. Dry Bulb																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	60.3	57.1	53.8	50.3	48.0	46.5	43.2	39.8	33.9	31.3	28.8	27.2	26.2	23.5	20.8	18.2	15.5	12.7
T/R	34.9	33.1	31.1	29.1	27.8	26.9	25.0	23.1	19.6	18.1	16.7	15.7	15.2	13.6	12.1	10.5	9.0	7.4
KW	5.26	5.16	5.06	4.96	4.90	4.86	4.76	4.66	4.33	4.23	4.14	4.09	4.05	3.96	3.87	3.78	3.69	3.59
COP	3.36	3.24	3.11	2.97	2.87	2.80	2.65	2.50	2.29	2.16	2.03	1.95	1.89	1.74	1.58	1.41	1.23	1.03
EER	11.5	11.1	10.6	10.1	9.8	9.6	9.1	8.5	7.8	7.4	7.0	6.7	6.5	5.9	5.4	4.8	4.2	3.5

EXPANDED PERFORMANCE DATA (COOLING) - 5 TON

Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			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	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		KW	5.08	5.19	5.36	-	5.48	5.60	5.78	-	5.83	5.96	6.16	-	6.14	6.28	6.49	-	6.41	6.55	6.78	-	6.64	6.79	7.02	-
	2000	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		KW	5.04	5.15	5.32	-	5.44	5.56	5.74	-	5.79	5.91	6.11	-	6.09	6.23	6.44	-	6.35	6.50	6.72	-	6.58	6.73	6.96	-
	1760	MBh	51.5	53.4	58.5	-	50.3	52.2	57.1	-	49.1	50.9	55.8	-	47.9	49.7	54.4	-	45.5	47.2	51.7	-	42.2	43.7	47.9	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		KW	4.96	5.07	5.23	-	5.35	5.46	5.64	-	5.69	5.81	6.01	-	5.99	6.12	6.33	-	6.25	6.39	6.60	-	6.47	6.62	6.84	-
75	2240	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		KW	5.12	5.23	5.40	5.58	5.53	5.65	5.83	6.03	5.88	6.01	6.21	6.42	6.20	6.34	6.55	6.77	6.46	6.61	6.83	7.07	6.69	6.85	7.08	7.33
	2000	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		KW	5.08	5.19	5.36	5.54	5.48	5.60	5.79	5.98	5.83	5.96	6.16	6.37	6.15	6.28	6.49	6.72	6.41	6.56	6.78	7.01	6.64	6.79	7.02	7.26
	1760	MBh	52.4	53.9	58.4	62.7	51.2	52.7	57.0	61.2	50.0	51.4	55.7	59.7	48.7	50.2	54.3	58.3	46.3	47.7	51.6	55.4	42.9	44.2	47.8	51.3
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		KW	5.00	5.11	5.27	5.44	5.39	5.51	5.69	5.88	5.74	5.86	6.06	6.26	6.04	6.18	6.38	6.60	6.30	6.44	6.66	6.89	6.52	6.67	6.90	7.14
80	2240	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		KW	5.17	5.28	5.45	5.63	5.57	5.70	5.88	6.08	5.93	6.07	6.27	6.48	6.25	6.39	6.61	6.83	6.52	6.67	6.89	7.13	6.75	6.91	7.14	7.39
	2000	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	58.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		KW	5.12	5.24	5.40	5.58	5.53	5.65	5.83	6.03	5.88	6.01	6.21	6.42	6.20	6.34	6.55	6.77	6.46	6.61	6.84	7.07	6.70	6.85	7.08	7.33
	1760	MBh	53.3	54.5	58.2	62.2	52.1	53.2	56.9	60.8	50.8	52.0	55.5	59.3	49.6	50.7	54.2	57.9	47.1	48.2	51.4	55.0	43.6	44.6	47.7	50.9
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.01	0.95	0.77	0.58
		KW	5.04	5.15	5.32	5.49	5.44	5.56	5.74	5.93	5.79	5.91	6.11	6.32	6.09	6.23	6.44	6.66	6.35	6.50	6.72	6.95	6.58	6.73	6.96	7.20
85	2240	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		KW	5.21	5.32	5.49	5.67	5.62	5.74	5.93	6.13	5.98	6.12	6.32	6.53	6.30	6.45	6.66	6.89	6.58	6.73	6.95	7.19	6.81	6.97	7.20	7.45
	2000	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		KW	5.17	5.28	5.45	5.63	5.57	5.70	5.88	6.08	5.93	6.07	6.27	6.48	6.25	6.39	6.61	6.83	6.52	6.67	6.89	7.13	6.75	6.91	7.14	7.39
	1760	MBh	54.3	55.3	57.9	61.8	53.0	54.0	56.6	60.4	51.7	52.7	55.2	58.9	50.5	51.4	53.9	57.5	47.9	48.9	51.2	54.6	44.4	45.3	47.4	50.6
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		KW	5.08	5.19	5.36	5.53	5.48	5.60	5.78	5.98	5.83	5.96	6.16	6.37	6.14	6.28	6.49	6.71	6.41	6.55	6.78	7.01	6.64	6.79	7.02	7.26

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

EXPANDED PERFORMANCE DATA (HEATING) - 5 TON

	Outdoor Ambient Temperature - Degrees F. Dry Bulb																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	75.4	71.4	67.3	62.8	60.0	58.1	54.0	49.8	39.1	36.1	33.3	31.4	30.2	27.1	24.1	21.0	17.9	14.7
T/R	34.9	33.1	31.1	29.1	27.8	26.9	25.0	23.1	18.1	16.7	15.4	14.5	14.0	12.6	11.1	9.7	8.3	6.8
KW	6.15	6.03	5.90	5.78	5.71	5.66	5.54	5.42	5.21	5.09	4.97	4.90	4.85	4.73	4.61	4.49	4.37	4.25
COP	3.59	3.47	3.33	3.18	3.08	3.01	2.85	2.69	2.20	2.08	1.96	1.88	1.82	1.68	1.53	1.37	1.20	1.01
EER	12.3	11.8	11.4	10.9	10.5	10.3	9.7	9.2	7.5	7.1	6.7	6.4	6.2	5.7	5.2	4.7	4.1	3.4

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 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 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

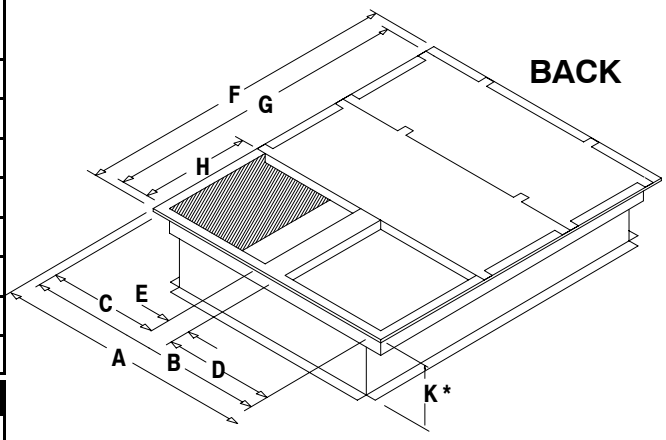
Filters not included in kit, small chassis uses 12 x 25 x 1 (2 ea), large chassis uses 14 x 25 x 1 (2 ea)

HAIL GUARD

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

OUTDOOR THERMOSTAT KIT

Description	Mainline Model Number	Used on
Outdoor Thermostat Kit	AMA0010TB	2 to 5 Ton

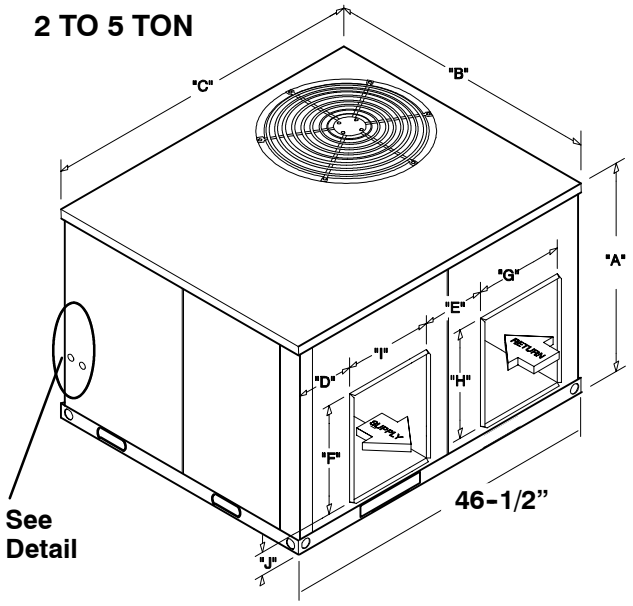


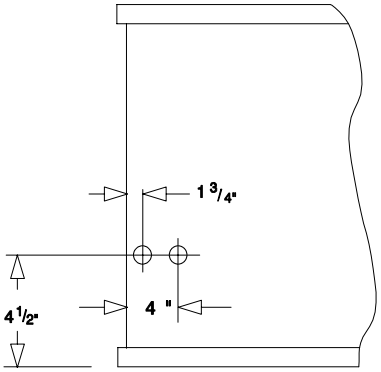
Curb Dimensions

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

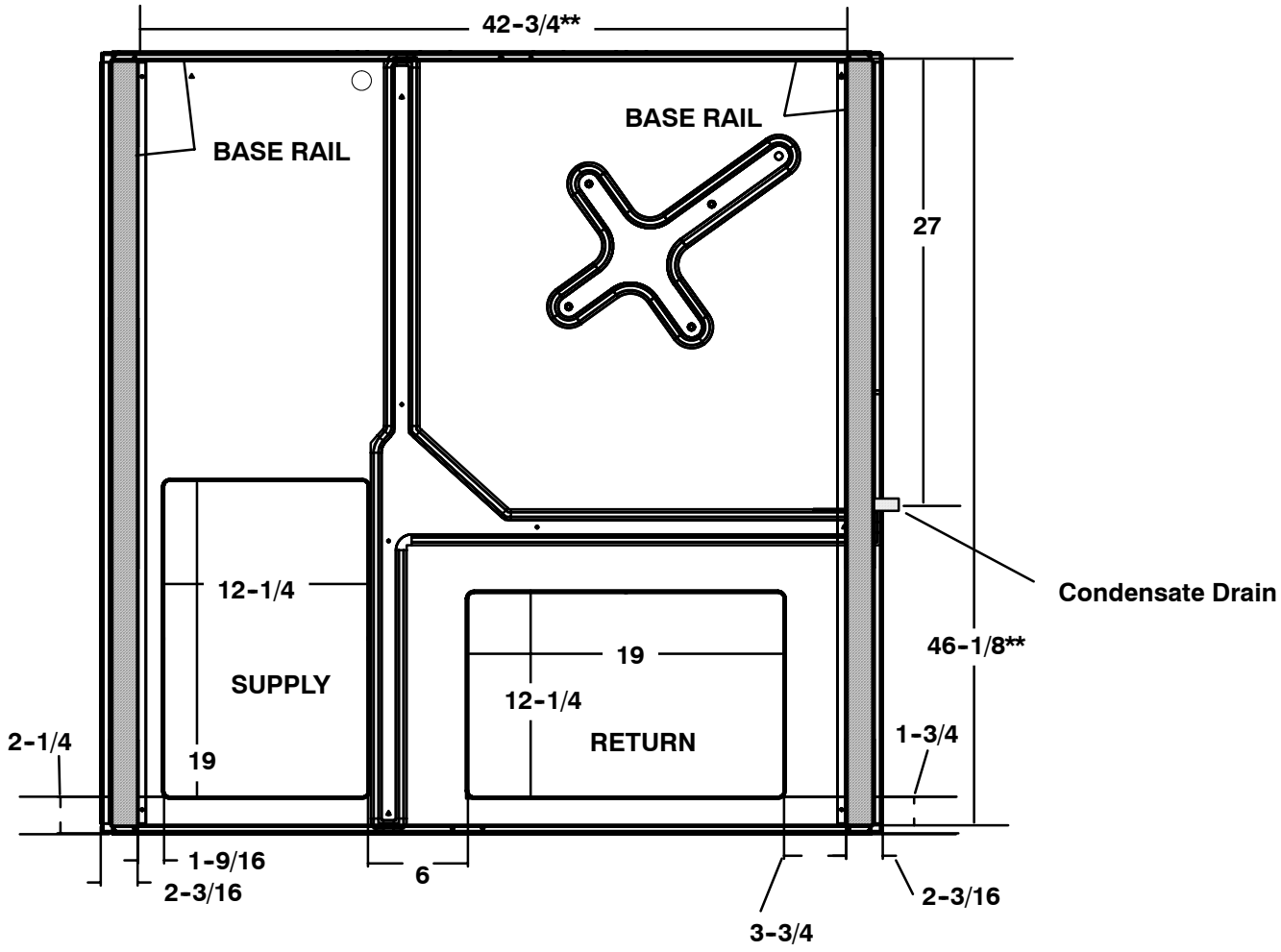
UNIT DIMENSIONS

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	H	P	F	M24	K	000

HEAT PUMP

P = Single Package

F = STANDARD SERIES

ELECTRICAL CHARACTERISTICS

K = 208 / 230-1-60

COOLING CAPACITY (NOMINAL BTUH) M used on 5 ton and below.

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.

COOLING SECTION

The unit is factory charged and operationally ready upon delivery. The unit refrigerant circuit has a high efficiency 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.

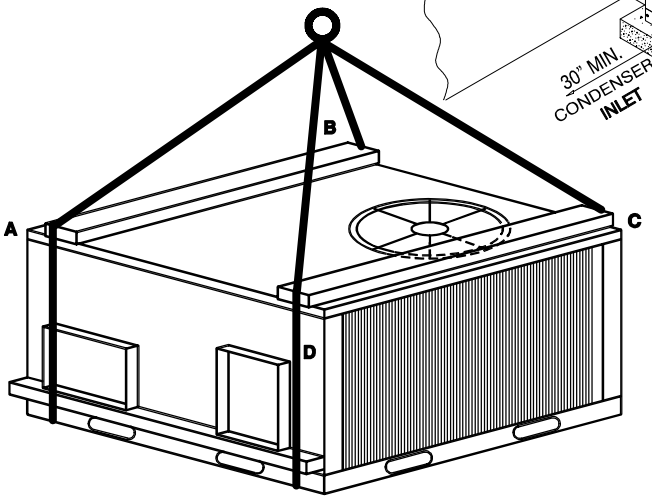
CONDENSER FAN

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.

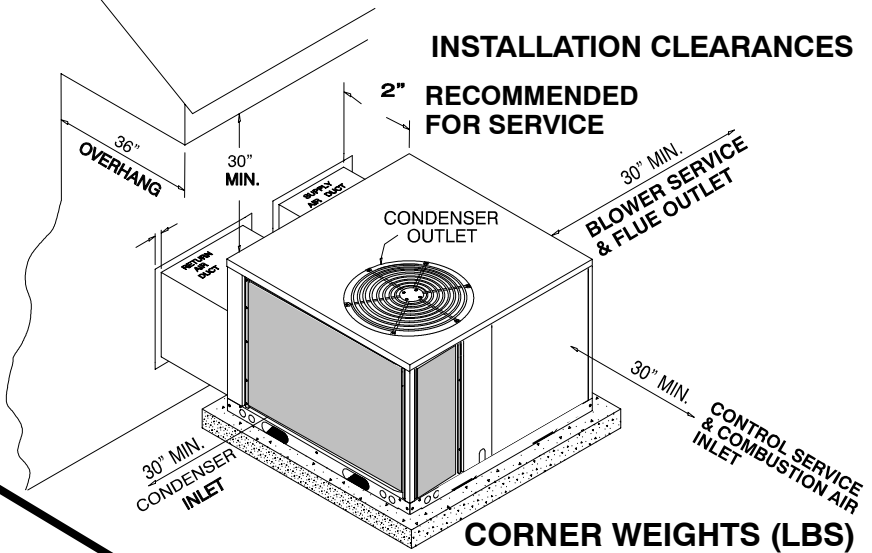
EVAPORATOR BLOWER

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	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