

HEAT CONTROLLER

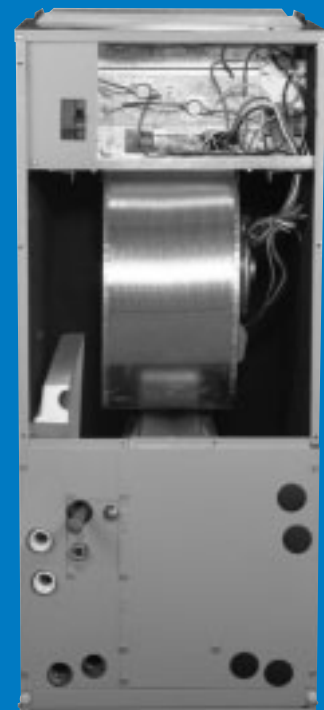
**HAH AIR HANDLER/ELECTRIC FURNACE
HFC FAN COILS**

**208/240V (0-20 KW)
120 VAC**

MULTI-POSITION DESIGN

**UPFLOW/HORIZONTAL LEFT,
HORIZONTAL RIGHT OR DOWNFLOW**

- Upflow, horizontal right to left can be easily converted to horizontal left to right airflow without additional parts.
- Primary and secondary openings in drain pans for right or left connections.
- Plastic drain pans are corrosion-proof.
- High quality cabinet finish is prepainted; 22Ga galvanized steel substrate provides durability and superior metal protection.
- Blower assembly slides out for ease of maintenance.
- Standard design features include:
 - Factory installed time delay.
 - R4.2 insulation (meets Florida requirements).
 - One inch disposable filter.
- Can be installed with zero clearance to combustible materials.
- Refrigeration coil connections are swaged and factory-sealed with copper caps to maintain nitrogen holding charge.
- HAH Series - 208/240V
HFC Series - 120V AC
- Field installed electric heat on HAH models; all models have factory-installed A-coil.
- All air handlers are ARI matched with Heat Controller condensing units.
- Field convertible to downflow with field installed kit.



HAH ELECTRIC AIR HANDLER BLOWER PERFORMANCE

MODEL	MOTOR @ 230V 1Ph 60Hz		DD BLOWER	BLOWER	SCFM vs. ESP				
	HP	FLA	SIZE	SPEEDS	0.1	0.2	0.3	0.4	0.5
HAH24A-00-1	1/4	1.7	10x6	H	950	900	850	790	720
				M	850	800	740	680	610
				L	700	660	610	550	480
HAH30A-00-1 HAH36A-00-1	1/3	2.8	10X7	H	1250	1200	1120	1060	1000
				M	1070	1020	970	920	860
				L	900	870	840	790	720
HAH42A-00-1 HAH48A-00-1	1/3	3.1	10X8	H	1850	1700	1650	1500	1410
				M	1750	1650	1450	1330	1180
				L	1150	1060	1000	920	810
HAH60A-00-1	3/4	4.8	11X9	H	2160	2100	2000	1940	1880
				M	2110	1980	1810	1750	1650
				L	2000	1860	1670	1340	1200

ELECTRIC AIR HANDLER SPECIFICATIONS

MODEL	ARI MATCHED COND. UNIT	REQ. (1) PISTON	SEER	NOMINAL COOLING	REQ. CFM	REF. LINE SIZES	FILTER SIZE	KW (1)	Ship Weight
HAH24A-00-1	RSC1018	N/A	10.0	17,400	600	3/8X3/4	16X20X1	0-10	95#
	RSC1218	0.053	12.0	19,000	600	3/8X3/4			
	RSC1024	N/A	10.0	22,500	800	3/8X3/4			
	RSC1224	0.061	12.0	23,000	800	3/8X3/4			
HAH30A-00-1	RSC1030	N/A	10.0	29,000	1000	3/8X3/4	16X20X1	0-15	102#
	RSC1230	0.068	12.0	29,600	1000	3/8X3/4			
HAH36A-00-1	RSC1036	N/A	10.0	34,400	1200	3/8X3/4	16X20X1	0-15	118#
	RSC1236	0.073	12.0	35,500	1150	3/8X7/8			
HAH42A-00-1	RSC1042	N/A	10.0	40,500	1300	3/8X7/8	20X25X1	0-20	129#
	RSC1242	0.08	12.0	42,000	1350	3/8X7/8			
HAH48A-00-1	RSC1048	N/A	10.0	46,000	1400	3/8X7/8	20X25X1	0-20	138#
	RSC1248	0.086	12.0	45,500	1450	3/8X7/8			
HAH60A-00-1	RSC1060	N/A	10.0	57,000	1750	3/8X7/8	20X25X1	0-20	170#
	RSC1260	0.096	12.0	56,500	1850	3/8X7/8			

(1)-Piston will be supplied with airhandler

HFC FAN COIL BLOWER PERFORMANCE

MODEL	MOTOR @ 115V 1Ph 60Hz		DD BLOWER	BLOWER	SCFM vs. ESP				
	HP	FLA	SIZE	SPEEDS	0.1	0.2	0.3	0.4	0.5
HFC24A-0	1/4	3.2	10x6	H	850	800	760	720	680
				M	825	775	715	690	670
				L	780	715	655	630	—
HFC30A-0 HFC36A-0	1/3	6.2	10X7	H	1030	1000	950	890	850
				M	1000	960	905	865	810
				L	980	925	870	810	—
HFC42A-0 HFC48A-0	3/4	9.5	11X9	H	1880	1775	1680	1600	1490
				M	1800	1650	1550	1450	1300
				L	1710	1530	1360	1270	—
HFC60A-0	3/4	9.7	11X11	H	1950	1900	1845	1770	1720
				M	1820	1750	1620	1470	1440
				L	1750	1640	1390	1270	—

Based on unit with nominal tonnage dry coil and filter installed.
Use 0.96 as approximate SCFM correction factor for wet coil.

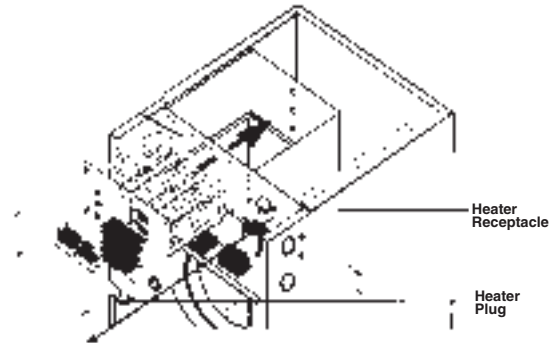
ELECTRIC HEATER KIT SPECIFICATIONS

MODEL	USED WITH	KW@		MINIMUM CIRCUIT AMPACITY		MAX. FUSE or BREAKER (HACR)	
		240V	208V	240V	208V	240V	208V
N/A	w/o Heat	0	0	2.1	1.9	15	15
7800-305B	HAH24A	5	3.8	29	25	30	25
7800-306B		8	6	44	39	45	40
7800-308B		10	7.5	55	48	60	50
N/A	w/o Heat	0	0	3.5	3.4	15	15
7800-305B	HAH30A HAH36A	5	3.8	30	27	30	30
7800-306B		8	6	46	40	50	40
7800-308B		10	7.5	56	49	60	50
7800-312B		15	11.3	56/26	49/23	60/30	50/30
N/A	w/o Heat	0	0	4	3.9	15	15
7800-313B	HAH42A HAH48A	5	3.8	30	27	30	25
7800-314B		8	6	46	41	50	45
7800-315B		10	7.5	57	50	60	50
7800-316B		15	11.3	53/30	46/27	60/30	50/30
7800-317B		20	15	57/53	50/46	60/60	50/50
N/A		w/o Heat	0	0	6	5.9	15
7800-313B	HAH60A	5	3.8	32	29	35	30
7800-314B		8	6	48	42	50	45
7800-315B		10	7.5	59	52	60	60
7800-316B		15	11.5	53/32	46/29	60/35	50/30
7800-317B		20	15	59/53	52/46	60/60	60/50
7800-400	4-Pole Jumper Bar Assembly 15 & 20 KW only						

All field installed electric heater assemblies have breakers.
Breaker is standard and required on 15 and 20 KW models.
BTUH available=(kW x 3412)

DOWNFLOW CONVERSION KIT

MODEL	KIT NO.
HAH30	7606-106
HAH24, HAH36	7606-107
HAH42, HAH48	7606-108
HAH60	7606-109



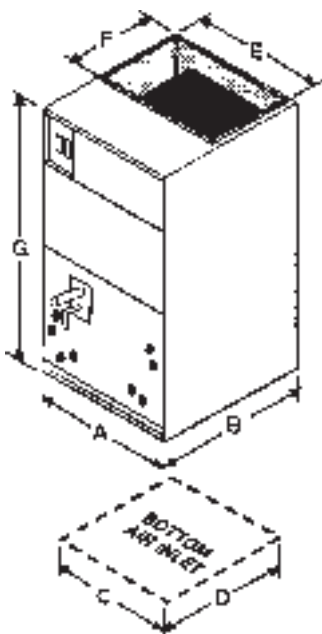
HAH AIR HANDLER DEPICTED WITH OPTIONAL ELECTRIC HEAT INSTALLED.

FAN COIL SPECIFICATIONS (120V.)

MODEL	ARI MATCHED COND. UNIT	REQ. (1) PISTON	SEER	NOMINAL COOLING	REQ. CFM	REF. LINE SIZES	FILTER SIZE	SHIP WEIGHT
HFC24A-0	RSC1018	N/A	10.0	17400	600	3/8X3/4	16X20X1	123#
	RSC1218	0.053	12.0			3/8X3/4		
	RSC1024	N/A	10.0	22500	800	3/8X3/4		
	RSC1224	0.061	12.0			3/8X3/4		
HFC30A-0	RSC1030	N/A	10.0	29000	1000	3/8X3/4	16X20X1	126#
	RSC1230	0.068	12.0			3/8X3/4		
HFC36A-0	RSC1036	N/A	10.0	34400	1200	3/8X3/4	16X20X1	132#
	RSC1236	0.073	12.0			3/8X7/8		
HFC42A-0	RSC1042	N/A	10.0	40500	1300	3/8X7/8	20X25X1	155#
	RSC1242	0.08	12.0			3/8X7/8		
HFC48A-0	RSC1048	N/A	10.0	46000	1400	3/8X7/8	20X25X1	156#
	RSC1248	0.086	12.0			3/8X7/8		
HFC60A-0	RSC1060	N/A	10.0	57000	1750	3/8X7/8	20X25X1	163#
	RSC1260	0.096	12.0			3/8X7/8		

PHYSICAL DIMENSIONS ELECTRIC AIR HANDLERS (INCHES)

MODELS	A	B	C	D	E	F	G
HAH24A00-1	17-1/2	21	15	17-1/2	16	12-5/8	39-3/4
HAH30A00-1	17-1/2	21	15	17-1/2	16	12-5/8	39-3/4
HAH36A00-1	17-1/2	21	15	17-1/2	16	12-5/8	39-3/4
HAH42A00-1	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4
HAH43A00-1	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4
HAH48A00-1	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4
HAH49A00-1	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4
HAH60A-00-1	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4
FAN COILS							
HFC24A-0	17-1/2	21	15	17-1/2	16	12-5/8	39-3/4
HFC30A-0	17-1/2	21	15	17-1/2	16	12-5/8	39-3/4
HFC36A-0	17-1/2	21	15	17-1/2	16	12-5/8	39-3/4
HFC42A-0	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4
HFC48A-0	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4
HFC60A-0	21-1/2	25	19-1/4	22-1/4	19-5/8	17-1/4	49-3/4



HAH and HFC Dimensions



Specifications and performance data subject to change without notice.

HEAT CONTROLLER, INC.

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THE QUALITY LEADER IN CONDITIONING AIR

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