



Unit shown with service panels removed.  
Representative drawing only. Some models  
may vary in appearance.



## FEATURES AND BENEFITS:

### APPLICATION VERSATILITY

Upflow or horizontal right as shipped (field-convertible for downflow or horizontal left applications). Can be AHRI matched with most brands of air conditioners or heat pumps. ETL listed for use with either R-22 or R-410A when a proper metering device is used.

### LOW LEAKAGE CABINET

Less than 2% air leakage from cabinet when tested in accordance with ASHRAE standard 193. Unit must be installed according to Aspen installation instructions. Sturdy, fully insulated galvanized steel cabinet; stick pins ensure 1/2" insulation remains in place. Unit ships with disposable filter.

### ELECTRONIC CONTROL BOARD

Electronic circuit board provides 30 secs ON/OFF blower time delay extracting more heat/cool from the coil. Automatic-style pull fuse protection on the circuit board to provide low voltage and transformer protection.

### BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. Motor speeds can be easily selected via motor terminals. Swing mounted blowers can be easily removed for service.

### DX COIL

All coils immersion tested at 500 psi then nitrogen pressurized and factory sealed for maximum reliability. Liquid-line Schrader allows pre-installation pressure testing. Available with either orifice or TXV metering device. Field-installable bolt-on TXVs are also available. Rugged GLP drain pan holds minimal condensate while eliminating the possibility of corrosion. Drain pan is UV safe. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" FPT. Access door allows for coil cleaning.

### WARRANTY

Ten-year limited parts warranty.

### OPTIONS

See options menu.

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AAM Spec-2025-01

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### HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
		208V	240V	208V	240V	208V	240V
AAM 18/19 +	E(C,T)S00	0.0	0.0	1.8	1.8	15	15
	E(C,T)S03	7.8	10.2	15.3	17.4	20	20
	E(C,T)S05	13.0	17.1	23.4	26.8	25	30
	E(C,T)S06	15.4	20.5	28.8	33.0	30	35
	E(C,T)S08	20.8	27.3	37.8	43.4	40	45
	E(C,T)S10	25.9	34.1	45.0	51.8	45	60
AAM 24/25 +	E(C,T)S00	0.0	0.0	1.8	1.8	15	15
	E(C,T)S03	7.8	10.2	15.3	17.4	20	20
	E(C,T)S05	13.0	17.1	23.4	26.8	25	30
	E(C,T)S06	15.4	20.5	28.8	33.0	30	35
	E(C,T)S08	20.8	27.3	37.8	43.4	40	45
	E(C,T)S10	25.9	34.1	45.0	51.8	50	60
AAM 30/31 +	E(C,T)S00	0.0	0.0	3.3	3.3	15	15
	E(C,T)S03	7.8	10.2	16.8	18.9	20	20
	E(C,T)S05	13.0	17.1	24.9	28.3	25	30
	E(C,T)S06	15.4	20.5	30.3	34.5	35	35
	E(C,T)S08	20.8	27.3	39.3	44.9	40	45
	E(C,T)S10	25.9	34.1	46.5	53.3	50	60
	E(C,T)S15	38.6	51.2	46.1/21.6	53.3/25	50/25	60/25
AAM 36/37 +	E(C,T)S00	0.0	0.0	3.3	3.3	15	15
	E(C,T)S03	7.8	10.2	16.8	18.9	20	20
	E(C,T)S05	13.0	17.1	24.9	28.3	25	30
	E(C,T)S06	15.4	20.5	30.3	34.5	35	35
	E(C,T)S08	20.8	27.3	39.3	44.9	40	45
	E(C,T)S10	25.9	34.1	46.5	53.3	50	60
	E(C,T)S15	38.6	51.2	46.1/21.6	53.3/25	50/25	60/25
AAM 42/43 +	E(C,T)L00	0.0	0.0	5.5	5.5	15	15
	E(C,T)L03	7.8	10.2	19.0	21.1	25	25
	E(C,T)L05	13.0	17.1	27.1	30.5	30	35
	E(C,T)L06	15.4	20.5	32.5	36.8	35	40
	E(C,T)L08	20.8	27.3	41.6	47.2	45	50
	E(C,T)L10	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	51.2	95.6	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	64.2	85.3	48.8/43.3/21.6	55.5/50/25	50/45/25	60/50/25

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### HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
		208V	240V	208V	240V	208V	240V
AAM 48/49 +	E(C,T)L00	0.0	0.0	5.5	5.5	15	15
	E(C,T)L03	7.8	10.2	19.0	21.1	25	25
	E(C,T)L05	13.0	17.1	27.1	30.5	30	35
	E(C,T)L06	15.4	20.5	32.5	36.8	35	40
	E(C,T)L08	20.8	27.3	41.6	47.2	45	50
	E(C,T)L10	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	51.2	95.6	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	64.2	85.3	48.8/43.3/21.6	55.5/50/25	50/45/25	60/50/25
AAM 60/61/62 +	E(C,T)L00	0.0	0.0	5.5	5.5	15	15
	E(C,T)L03	7.8	10.2	19.0	21.1	25	25
	E(C,T)L05	13.0	17.1	27.1	30.5	30	35
	E(C,T)L06	15.4	20.5	32.5	36.8	35	40
	E(C,T)L08	20.8	27.3	41.6	47.2	45	50
	E(C,T)L10	25.9	34.1	48.8	55.5	50	60
	E(C,T)L15	38.6	51.2	48.8/21.6	55.5/25	50/25	60/25
	E(C,T)L20	51.2	95.6	48.8/43.3	55.5/50	50/45	60/50
	E(C,T)L25	64.2	85.3	48.8/43.3/21.6	55.5/50/25	50/45/25	60/50/25

### BLOWER DATA

MODEL	PSC MOTOR				CFMV. EXTERNAL STATIC*				
	SPEED	HP	AMPS	VOLTAGE	0.10	0.20	0.30	0.40	0.50
AAM 18/19/24/25	LOW	1/5	1.4	240	835	800	790	750	695
	HIGH				915	880	875	825	770
AAM 30/31/36/37	LOW	1/3	2.6		1130	1100	1050	1000	960
	HIGH				1410	1350	1280	1200	1160
AAM 42/43/48/49/60/61/62	LOW	3/4	4.4		1520	1500	1485	1460	1440
	MID				1700	1675	1640	1620	1575
	HIGH				2060	2020	1980	1935	1885

\*Wet Coil

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### AIR HANDLER CHASSIS NOMENCLATURE

AAM	18	4	-001
AAM = 240V PSC Motor Multi-Position Air Handler	Nominal Tonnage (MBTUH)	<u>METERING DEVICE</u> 4 = non-bleed A/C or H/P R410 TXV B = 20% bleed A/C or H/P R22 TXV F = R22 Flo-rater G = R410a Flo-rater X = non-bleed A/C or H/P R22 TXV	OPTION CODE (See list)

### ELECTRIC HEAT NOMENCLATURE

E	C	S/L	03
ELECTRIC HEAT	<u>Interruption</u> C = Circuit Breaker T = Terminal Block	<u>Tonnage</u> S = 18-37 L = 42-63	Heat Strip 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW 25 = 25 KW

### AAM DIMENSIONS (In. [mm]) - Figure 1

Model	A	B	C	D	E	F	G	J	K	FILTER SIZE	PISTON SIZE	SHIPPING WEIGHT	SKID QTY
AAM18+E*		40 [1016]				7-1/4 [184]	10-1/4 [260]				0.055	99	
AAM19/24/25+E*						8-1/4 [209]	12-1/4 [311]				0.059	100	
AAM30+E*	21 [533]			18-3/4 [476]	12 [305]		14-1/4 [362]	18-1/2 [470]		16X20	0.068	118	
AAM36+E*		49-1/4 [1251]				10-1/4 [260]	16-1/4 [412]						
AAM31/37+E*			20-1/2 [521]						18-1/2 [470]		0.074	147	4
AAM42+E*						11 [279]	16 [406]				0.080	153	
AAM48+E*	24-1/2 [622]	57 [1448]		22-1/4 [565]	14-3/4 [375]	13 [330]	18 [457]	22 [559]		20X20	0.084	180	
AAM43/49/60/62+E*													
AAM61+E*						15 [381]	20 [508]				0.092	200	

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**Figure 1**

**SUCTION LINE:**  
 1.5T to 3.0T = 3/4"  
 3.5T to 5.0T = 7/8"

