



Representative image only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.



For complete warranty details  
visit [www.AspenMfg.com](http://www.AspenMfg.com)

## Product Features and Specifications

### APPLICATION VERSATILITY

- Upflow or horizontal right as shipped (field-convertible for down-flow 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 ½" insulation remains in place. Unit ships with disposable filter.

### ELECTRICAL CONTROLS

- ELECTRONIC CIRCUIT BOARD
- Electronic circuit board provides 30 secs ON/OFF blower time delay extracting more heat/cool from the coil. Automotive-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. 3-speed motors allow for precise air volume selection. Motor speeds can be easily selected via motor terminals. Blowers mounted on rails so they can be easily removed for service.

### DX COIL

- High-efficiency rifled copper tubes/enhanced aluminum fins provide maximum heat transfer.
- 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.

# AAM SERIES

## MULTI-POSITION ELECTRIC HEAT AIR HANDLERS

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	2.3	2.3	15	15
	E(C,T)S03	7.8	10.2	15.8	17.9	20	20
	E(C,T)S05	13.0	17.1	23.9	27.3	25	30
	E(C,T)S06	15.4	20.5	29.3	33.5	30	35
	E(C,T)S08	20.8	27.3	38.3	43.9	40	45
AAM 24/25 +	E(C,T)S10	25.9	34.1	45.5	52.3	50	60
	E(C,T)S00	0.0	0.0	2.3	2.3	15	15
	E(C,T)S03	7.8	10.2	15.8	17.9	20	20
	E(C,T)S05	13.0	17.1	23.9	27.3	25	30
	E(C,T)S06	15.4	20.5	29.3	33.5	30	35
AAM 30/31 +	E(C,T)S08	20.8	27.3	38.3	43.9	40	45
	E(C,T)S10	25.9	34.1	45.5	52.3	50	60
	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
AAM 36/37 +	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	46.5/21.6	53.3/25	50/25	60/25
	E(C,T)S00	0.0	0.0	3.3	3.3	15	15
AAM 42/43 +	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
AAM 48/49 +	E(C,T)S15	38.6	51.2	46.5/21.6	53.3/25	50/25	60/25
	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
AAM 60/61/62 +	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)L30	76.8	102.4	48.8/43.3/43.3	55.5/50/50	50/45/45	60/50/50
	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
AAM 60/61/62 +	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)L30	76.8	102.4	48.8/43.3/43.3	55.5/50/50	50/45/45	60/50/50

# AAM SERIES

## MULTI-POSITION ELECTRIC HEAT AIR HANDLERS

208/240V – 3 PHASE CIRCUIT BREAKER									
MODEL	PERFORMANCE DATA					ELECTRICAL DATA			
	NOMINAL COOLING (BTUS)	HEATING (KW)		HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
		208V	240V	208V	240V	208V	240V	208V	240V
AAM42-61+E312	42,000 48,000 60,000	9.0	12.0	30.7	40.9	36.0	42.0	40.0	50.0
AAM42-61+E315		11.3	15.0	38.4	51.2	44.0	50.0	50.0	50.0
AAM42-61+E324		18.0	24.0	61.4	81.9	55	50/45	60	50/40
AAM42-61+E330		22.5	30.0	76.8	102.4	44/39	50/45	50/40	50/50

BLOWER DATA									
MODELS	MOTOR SPEED	MOTOR HP	MOTOR AMPS	MOTOR VOLTAGE	CFMV. EXTERNAL STATIC*				
					0.10	0.20	0.30	0.40	0.50
AAM 18/19/24/25	LOW	1/5	1.8	240	835	800	790	750	695
	HIGH				915	880	875	825	770
AAM 30/31/36/37	LOW	1/3	2.6	240	1130	1100	1050	1000	960
	HIGH				1410	1350	1280	1200	1160
AAM	LOW	3/4	4.4	240	1520	1500	1485	1460	1440
	MID				1700	1675	1640	1620	1575
	HIGH				2060	2020	1980	1935	1885

\*Wet Coi

AIR HANDLER CHASSIS NOMENCLATURE			
AAM	18	4	-001
AAM = 240V PSC Motor Multi-Position Air Handler	18	Metering device 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

ELECTRIC HEAT KIT NOMENCLATURE			
E	C	B	03
Electric heat	Interruption C = Circuit Breaker T = Terminal Block P = Single Point Hookup	S = 18-37 L = 42-62	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 30 = 30 KW

# Ask for Aspen. North America's Largest Independent Coil and Air Handler Manufacturer.

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

Figure 1

