



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 ½" 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. Automo-tive-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 possi-bility 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.

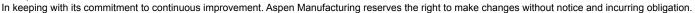
#### **WARRANTY**

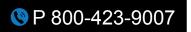
Ten-year limited parts warranty.

#### **OPTIONS**

See options menu.

# **ASK FOR ASPEN**















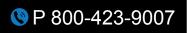




	HEATING	AND COOLING	G PERFORMA	NCE AND ELECTR	RICAL DATA			
MODEL	HEAT KIT		CAPACITY TUH)	MINIMUM CIRC		MAX BREAKER OR FUSE SIZE		
		208V	240V	208V	240V	208V	240V	
	E(C,T)S00	0.0	0.0	1.8	1.8	15	15	
	E(C,T)S03	7.8	10.2	15.3	17.4	20	20	
AAM	E(C,T)S05	13.0	17.1	23.4	26.8	25	30	
18/19 +	E(C,T)S06	15.4	20.5	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	
	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	
AAM	E(C,T)S05	13.0	17.1	23.4	26.8	25	30	
24/25 +	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	
	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 30/31 +	E(C,T)S06	15.4	20.5	30.3	34.5	35	35	
30/31 +	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	
	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	
30/37 +	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	
	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	E(C,T)L08	20.8	27.3	41.6	47.2	45	50	
42/43 +	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 Spec-2025-01

In keeping with its commitment to continuous improvement. Aspen Manufacturing reserves the right to make changes without notice and incurring obligation.















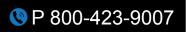
HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA											
MODEL	HEAT KIT		CAPACITY BTUH)	MINIMUM CIRC		MAX BREAKER OR FUSE SIZE					
		208V	240V	208V	240V	208V	240V				
	E(C,T)L00	0.0	0.0	5.5	5.5	15	15				
	E(C,T)L03	7.8	10.2	19.0	21.1	25	OR FUSE SIZE  08V 240V  15 15  25 25  30 35  35 40  45 50  60/25  0/45 60/50  45/25 60/50/25  15 15  25 25  30 35  40  45/25 60/50/25				
	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 48/49 +	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 5	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				
	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				

BLOWER DATA											
MODEL		PSC M	OTOR			CFMV. EXTERNAL STATIC*					
MODEL	SPEED	HP	AMPS	VOLTAGE	0.10	0.20	0.30	0.40	0.50		
AAM	LOW	1/5	1.4		835	800	790	750	695		
18/19/24/25	HIGH	1/5	1.4		915	880	875	825	770		
AAM	LOW	1/3	2.6		1130	1100	1050	1000	960		
30/31/36/37	HIGH	1/3	2.0	240	1410	1350	1280	1200	1160		
	LOW				1520	1500	1485	1460	1440		
AAM 42/43/48/49/60/61/62	MID	3/4	4.4		1700	1675	1640	1620	1575		
*\Mat Cail	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)	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 (See list)							

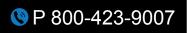
ELECTRIC HEAT NOMENCLATURE										
E	С	S/L	03							
ELECTRIC HEAT	Interruption C = Circuit Breaker T = Terminal Block	<u>Tonnage</u> S = 18-37 L = 42-63	Heat Strip 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW 25 = 25 KW							

AAM DIMENSIONS (In. [mm]) - Figure 1													
Model	A	В	С	D	E	F	G	J	K	FILTER SIZE	PISTON SIZE	SHIPPING WEIGHT	SKID QTY
AAM18+E*		40				7-1/4 [184]	10-1/4 [260]				0.055	99	
AAM19/24/25+E*		[1016]				8-1/4	12-1/4 [311]				0.059	100	
AAM30+E*	21 [533]			18-3/4 [476]	12 [305]	[209]	14-1/4 [362]	18-1/2 [470]		16X20	0.068	118	
AAM36+E*		49-1/4 [1251]				10-1/4	16-1/4						
AAM31/37+E*			20-1/2 [521]			[260]	[412]		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	18	22 [559]		20X20	0.084	180	
AAM43/49/60/62+E*						[330]	[457]						
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"

