

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 R-22, R-410A, R-454B, and R-32 when a proper metering device is used.
- In accordance to UL 60335 Refrigerant Detection Systems are factory-installed on A2L refrigerant ready air handlers.

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. 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. Motor speeds can be easily selected via motor terminals. Swing mounted blowers can be easily removed for service.



Unit shown with service panels removed. Representative drawing only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.

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.



WANT MORE INFORMATION ON ASPEN'S AAM SERIES AIR HANDLERS?

SCAN QR CODE TO VISIT THIS PRODUCT
ON OUR WEBSITE



For complete warranty details, please visit our Warranty Information tab when you visit Aspen's website.

To view this coil's product information online for the most up-to-date information scan the QR Code.

In keeping with its commitment to continuous improvement, Aspen Manufacturing reserves the right to make changes without notice and incurring obligation. To stay up-to-date with this product and Aspen's trusted line of coils, air handlers, and more, go to our website. AAM Spec-2025-01

SPECIFICATIONS & PERFORMANCE:

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	MIN. MOTOR SPEED TAP REQUIRED FOR HEATER KITS	PERFORMANCE DATA						ELECTRICAL DATA			
			HEATING (KW)		TOTAL AMPS (A)		HEATING CAPACITY (MBTUH)		MIN. CIRCUIT AMPACITY (MCA)		MAX. BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V	208V	240V
AAM 18/19/ 24/25	E(C,T)S00P	-	0.0	0.0	1.4	1.4	0.0	0.0	1.8	1.8	15A	15A
	E(C,T)S03P	LOW	2.3	3.0	12.2	13.9	7.8	10.2	15.3	17.4	20A	20A
	E(C,T)S05P	LOW	3.6	4.8	18.7	21.4	12.3	16.4	23.4	26.8	25A	30A
	E(C,T)S06P	LOW	4.5	6.0	23.0	26.4	15.4	20.5	28.8	33.0	30A	35A
	E(C,T)S08P	HIGH	6.0	8.0	30.2	34.7	20.5	27.3	37.8	43.4	40A	45A
	E(C,T)S10P	HIGH	7.2	9.6	36.0	41.4	24.6	32.8	45.0	51.8	45A	60A
AAM 30/31/ 36/37	E(C,T)M00P	-	0.0	0.0	2.6	2.6	0.0	0.0	3.3	3.3	15A	15A
	E(C,T)M03P	HIGH	2.3	3.0	13.4	15.1	7.8	10.2	16.8	18.9	20A	20A
	E(C,T)M05P	HIGH	3.6	4.8	19.9	22.6	12.3	16.4	24.9	28.3	25A	30A
	E(C,T)M06P	HIGH	4.5	6.0	24.2	27.6	15.4	20.5	30.3	34.5	35A	35A
	E(C,T)M08P	HIGH	6.0	8.0	31.4	35.9	20.5	27.3	39.3	44.9	40A	45A
	E(C,T)M10P	HIGH	7.2	9.6	37.2	42.6	24.6	32.8	46.5	53.3	50A	60A
	E(C,T)M15P	HIGH	7.2/ 3.6	9.6/ 4.8	37.2/ 17.3	42.6/ 20.0	36.8	49.1	46.5/ 21.6	53.3/ 25.0	50A/ 25A	60A/ 25A
AAM 42/43/ 48/49 60/61/ 62	E(C,T)L00P	-	0.0	0.0	4.4	4.4	0.0	0.0	5.5	5.5	15A	15A
	E(C,T)L03P	LOW	2.3	3.0	15.2	16.9	7.8	10.2	19.0	21.1	20A	25A
	E(C,T)L05P	LOW	3.6	4.8	21.7	24.4	12.3	16.4	27.1	30.5	30A	35A
	E(C,T)L06P	LOW	4.5	6.0	26.0	29.4	15.4	20.5	32.5	36.8	35A	40A
	E(C,T)L08P	LOW	6.0	8.0	33.2	37.7	20.5	27.3	41.6	47.2	45A	50A
	E(C,T)L10P	LOW	7.2	9.6	39.0	44.4	24.6	32.8	48.8	55.5	50A	60A
	E(C,T)L15P	LOW	7.2/ 3.6	9.6/ 4.8	39.0/ 17.3	44.4/ 20.0	36.8	49.1	48.8/ 21.6	55.5/ 25	50A/ 25A	60A/ 25A
	E(C,T)L20P	LOW	7.2/ 7.2	9.6/ 9.6	39.0/ 34.6	44.4/ 40.0	49.1	65.5	48.8/ 43.3	55.5/ 50.0	50A/ 45A	60A/ 50A
	E(C,T)L25P	LOW	7.2/ 7.2/ 3.6	9.6/ 9.6/ 4.8	39.0/ 34.6/ 17.3	44.4/ 40.0/ 20.0	61.4	81.9	48.8/ 43.3/ 21.6	55.5/ 50.0/ 25.0	50A/ 45A/ 25A	60A/ 50A/ 25A

BLOWER DATA

MODEL	PSC MOTOR				CFM VS EXTERNAL STATIC (Wet Coil)				
	SPEED	HP	AMPS	VOLTAGE	0.10	0.20	0.30	0.40	0.50
AAM 18/19/ 24/25	LOW	1/5	1.4		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 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

AIR HANDLER CHASSIS NOMENCLATURE

AAM	18	4	-001
240V PSC MOTOR MULTI-POSITION AIR HANDLER	NOMINAL TONNAGE (MBTUH)	A1 Metering device 4 = Non-bleed A/C or H/P R410 TXV G = R410 Flo-rater B = 20% bleed A/C or H/P R22 TXV X = Non-bleed A/C or H/P R22 TXV F = R-22 Flo-rater	OPTION CODE (See list)
		A2L Metering device D = Non-bleed A/C or H/P R32 TXV M = R32 piston J = Non-bleed A/C or H/P R454B TXV N = R454B piston K = 20% bleed A/C or H/P R454B TXV	

ELECTRIC HEAT NOMENCLATURE

E	C	S/L	03	P
ELECTRIC HEAT	<u>INTERRUPTION</u> C = CIRCUIT BREAKER T = TERMINAL BLOCK	<u>TONNAGE</u> S = 18-37 L = 42-63	<u>HEAT STRIP</u> 03 = 3 KW 05 = 5 KW 06 = 6 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW 25 = 25 KW	PSC

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

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

Figure 1

SUCTION LINE:

1.5T to 3.0T = 3/4"

3.5T to 5.0T = 7/8"

LIQUID LINE: 3/8"

