AAC SERIES

- COPPER
- ELECTRIC



Representative image only. Some models may vary in appearance.

APPLICATION VERSATILITY

Built-in mounting tabs for ceiling or fur down mounting. Louvered ceiling access panel has separate frame that attaches to ceiling joists. Solid access panel available for use with end return installations. Can be AHRI matched with most brands of air conditioners or heat pumps.

- A2L refrigerants require a Refrigerant Detection System (RDS) for compliance. In accordance to UL 60335 Refrigerant Detection Systems are factory-installed on A2L refrigerant ready air handlers.
- ETL listed for R22, R410A, R454B, and R32 refrigerants (A2L refrigerants certified with Refrigerant Detection System (RDS)).

240V PSC MOTOR

The 240V PSC Motor with Electric Heat Option features a direct drive, multi-speed blower that delivers quiet and efficient air circulation. A two-speed motor allows for precise airflow selection, while clearly labeled motor terminals make speed adjustments simple and accurate. Built for reliability and consistent performance, this motor option is ideal for electric heat applications.

BLOWER

Direct drive multi-speed blowers circulate air quietly and efficiently. Blowers mounted on rails so they can be easily removed for service.

ELECTRONIC CONTROLS

Units available with either circuit breakers or terminal blocks. Controls easily accessible from the front for easy service. Fan time delay relay standard for increased efficiency. Electrical connections can be made from the top, left, or right.

ELECTRONIC CIRCUIT BOARD

Electronic circuit board provides 30 secs ON/OFF blower time delay extracting more heat/cool from the coil.

LOW LEAKAGE CABINET

Sturdy, fully insulated galvanized steel cabinet with painted front panels. Less than 2% air leakage from cabinet when tested in accordance with ASHRAE standard 193. Unit must be installed according to Aspen installation instructions.

DX COIL

High-efficiency rifled copper tubes and enhanced aluminum fins provide maximum heat transfer. All coils are immersion tested at 500 psi, followed by nitrogen pressurization and factory sealing to ensure optimal system integrity and long-term reliability. Liquid-line Schrader valve allows pre-installation pressure assurance testing.

Available with either check style flowrator or TXV metering device. Field-installable TXVs are also available. Galvanized metal drain pan with bottom primary and secondary drain connections or alternate right side primary. All connections 3/4" NPT. Access door allows for coil cleaning.

ELECTRIC HEATERS

Models with electric heat include sequencers and temperature limit switches for safe, efficient operation.

CUSTOMIZATION

Factory or field-installable TXV. OEM color matched cabinets. High temperature plastic drain pans.

WARRANTY Free five-year limited parts warranty.

OPTIONS Ask your local Aspen Sales Rep for customization options.

DUAL REFRIGERANT

UNIVERSAL A2L REFRIGERANT TECHNOLOGY FOR R32 & R454B SYSTEMS

IDEAL FOR USE WITH ASPEN AIR HANDLERS, AS WELL AS CASED & UNCASED COILS!

Versa Dual Refrigerant Coils are easily configurable for use with either R32 or R454B refrigerant with proper metering device. Utilizing universal Refrigerant Detection Systems (RDS) to ensure regulatory compliance.

OTHER POPULAR CUSTOM OPTION:

Factory or field-installed TXV available.

R51341 1025

ASSEMBLED IN THE USA — TRUSTED QUALITY SINCE 1975 | MEMBER AHRI AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE | HARDI PROUD MEMBER | ETL LISTED | R-410A • R-22 • R-454B • R-32 REFRIGERANT READY WHEN PROPER METERING DEVICE IS USED | 5 YEAR LIMITED WARRANTY*

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AAC SERIES: HEATING/COOLING PERFORMANCE & ELECTRICAL DATA

MODEL	PERFORMANCE DATA							ELECTRICAL DATA			
	NOM. COOLING	ELECTRIC HEAT KIT	MIN. SPEED TAP	HEATING KW		TOTAL AMPS A		MIN. CIRCUIT AMPACITY MCA		MAX. BREAKER OR FUSE SIZE	
	BTU			208V	240V	208V	240V	208V	240V	208V	240V
AAC 18	18,000	G(C,T)S00	-	0.0	0.0	1.4	1.4	1.8	1.8	15A	15A
		G(C,T)S03	LO	2.3	3.0	12.2	13.9	15.3	17.4	20A	20A
		G(C,T)S05	LO	3.6	4.8	18.7	21.4	23.4	26.8	25A	30A
		G(C,T)S08	HI	6.0	8.0	30.2	34.7	37.8	43.4	40A	45A
		G(C,T)S10	HI	7.2	9.6	36.0	41.4	45.0	51.8	45A	60A
AAC 24	24,000	G(C,T)S00	-	0.0	0.0	1.4	1.4	1.8	1.8	15A	15A
		G(C,T)S03	LO	2.3	3.0	12.2	13.9	15.3	17.4	20A	20A
		G(C,T)S05	LO	3.6	4.8	18.7	21.4	23.4	26.8	25A	30A
		G(C,T)S08	HI	6.0	8.0	30.2	34.7	37.8	43.4	40A	45A
		G(C,T)S10	HI	7.2	9.6	36.0	41.4	45.0	51.8	45A	60A
AAC 30	30,000	G(C,T)M00	-	0.0	0.0	2.6	2.6	3.3	3.3	15A	15A
		G(C,T)M03	LO	2.3	3.0	13.4	15.1	16.8	18.9	20A	20A
		G(C,T)M05	LO	3.6	4.8	19.9	22.6	24.9	28.3	25A	30A
		G(C,T)M08	HI	3.0	8.0	31.4	35.9	39.3	44.9	40A	45A
		G(C,T)M10	HI	7.2	9.6	37.2	42.6	46.5	53.3	50A	60A
AAC 36/37	36,000	G(C,T)M00	-	0.0	0.0	2.6	2.6	3.3	3.3	15A	15A
		G(C,T)M03	LO	2.3	3.0	13.4	15.1	16.8	18.9	20A	20A
		G(C,T)M05	LO	3.6	4.8	19.9	22.6	24.9	28.3	25A	30A
		G(C,T)M08	HI	3.0	8.0	31.4	35.9	39.3	44.9	40A	45A
		G(C,T)M10	HI	7.2	9.6	37.2	42.6	46.5	53.3	50A	60A

AAC SERIES: BLOWER DATA

MODEL	240V PSC MOTOR			CFM VS EXTERNAL STATIC* (DRY COIL)				
	HP	FLA	SPEED TAP	0.1	0.2	0.3	0.4	0.5
AAC 18/24	1/5	1.4	LOW	890	850	820	790	760
	1/5	1.4	HIGH	1020	990	975	940	890
AAC 30/36	1/3	2.6	LOW	1115	1070	1010	960	900
	1/3	2.6	HIGH	1230	1170	1120	1050	980
AAC 37	1/3	2.6	LOW	1075	1030	970	820	960
	1/3	2.6	HIGH	1190	1130	1080	1010	940

* Dry coil with filter †For 208 operation multiply by 0.90

AAC SERIES: ELECTRIC HEAT KIT NOMENCLATURE

HEAT KIT SERIES	POWER CONNECTION	CABINET SIZE	ELECTRIC HEAT CAPACITY:
G	C	S	10
ELECTRIC HEAT	**C** = CIRCUIT BREAKER **T** = TERMINAL BLOCK	**S =** 18 / 24 **M =** 30 / 36 / 37	**00 =** 0 KW **08** = 8 KW **03** = 3 KW **10** = 10 KW **05** = 5 KW

AAC SERIES: AIR HANDLER CHASSIS NOMENCLATURE

AAC	NOM. TON.	METERING DEVICE	OPTION CODE
	MBTUH	4	-001
240V PSC MOTOR CEILING MOUNT	**18** = 18,000 **24** = 24,000 **30** = 30,000 **36** = 36,000	**A1 REFRIGERANTS - R410A + R22** **4** = R410A (TXV NON-BLEED AC/HP) **G** = R410A (FLOWRATOR) **X** = R22 (TXV NON-BLEED AC/HP) **B** = R22 (TXV 20% BLEED AC/HP **F** = R22 (FLOWRATOR) **A2L REFRIGERANTS - R454B + R32** **J** = R454B (TXV NON-BLEED AC/HP) **K** = R454B (TXV 20% BLEED AC/HP) **Z** = R454B/R32 CONFIGURABLE (Shipped with R454B Piston) **D** = R32 (TXV NON-BLEED AC/HP) **M** = R32 (PISTON) **N** = R454B (PISTON)	CUSTOM OPTIONS

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FIGURE 1

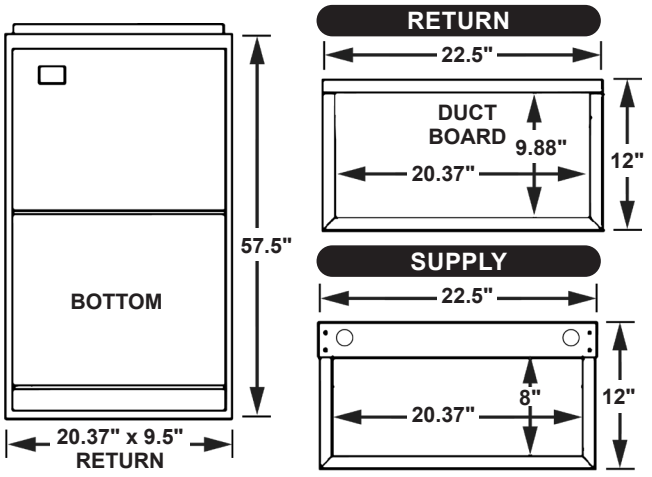
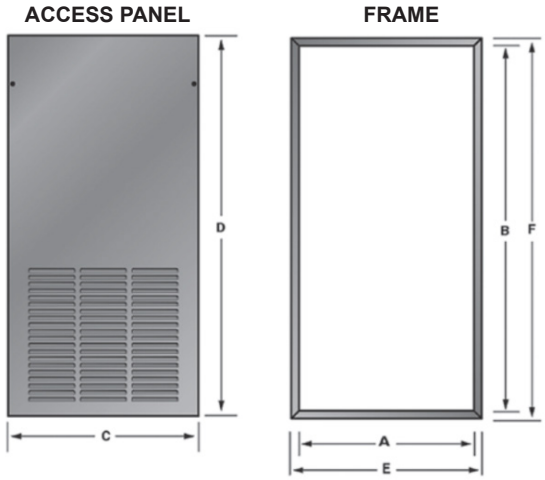


FIGURE 2



AAC DIMENSIONS (In.)[mm.] - FIGURE 1

MODEL	A	B)	C	OPENING SIZE		FILTER	SHIPPING INFO	
				D	E		WEIGHT	SKID QTY
AAC18	57-1/2 [146]	22-1/2 [57]	12 [20]	20-3/8 [52]	8 [20]	20X20	91	6
AAC24	57-1/2 [146]	22-1/2 [57]	12 [20]	20-3/8 [52]	8 [20]	20X20	91	
AAC30	57-1/2 [146]	22-1/2 [57]	12 [20]	20-3/8 [52]	8 [20]	20X20	100	
AAC36/37	57-1/2 [146]	22-1/2 [57]	12 [20]	20-3/8 [52]	8 [20]	20X20	100	

AAC DIMENSIONS (In.) - FIGURE 2

PANEL MODEL	FOR USE WITH	OPENING SIZE		PANEL SIZE		FRAME SIZE		# OF PANELS
		A	B	C	D	E	F	
CAD-4(S/L)	AAC	22-3/4	58	24-3/4	60	24-5/8	59-7/8	2

HELPFUL LINKS

VIEW PRODUCT ONLINE

For full warranty terms and conditions, please refer to the Warranty Information section on Aspen's official website.

VIEW VERSA DUAL REFRIGERANT COILS ONLINE

Learn more about Aspen's A2L Refrigerant Technology for R32 and R454B Systems.

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