

# AAC SERIES - AIR HANDLER

## ELECTRIC CEILING MOUNT, COPPER COIL



*Representative image only. Some models may vary in appearance.*

### APPLICATION VERSATILITY

Built-in mounting tabs for ceiling or furrdown 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 and AHRI 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. The plate-mounted blower assembly enables quick removal for easy service and maintenance. 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. 2-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.

### 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 1.4% 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 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.

### CUSTOMIZATION OPTIONS\*

#### DUAL A2L REFRIGERANT TECHNOLOGY FOR R32 & R454B SYSTEMS

Aspen coils and air handlers are engineered with Dual A2L Refrigerant Technology, allowing field configurability for either R32 or R454B refrigerants. Each unit ships with a factory-installed A2L metering device that can be easily swapped at installation, and includes the option for a factory- or field-installed universal Refrigerant Detection System (RDS) compatible with both refrigerants.

AAC-SS-AH-018-B

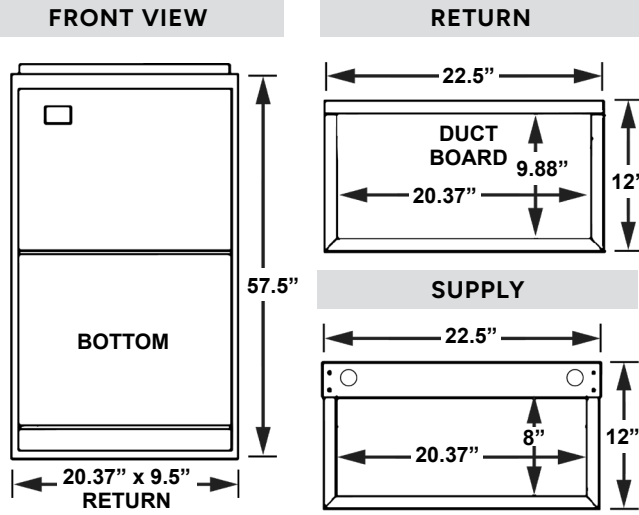


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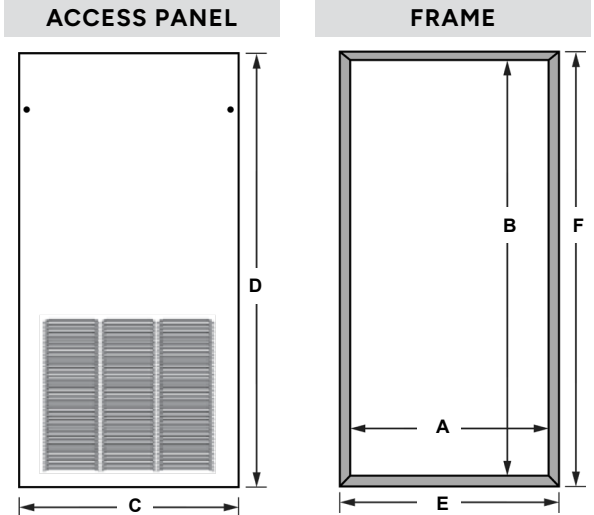
Customer Service: info@aspenmfg.com Warranty Team: warranty@aspenmfg.com Phone: 281.441.6500 Toll Free: 800.423.9007 Fax: 281.441.6510



**FIGURE 1 - AAC DIMENSIONS**



**FIGURE 2 - WAD ACCESS PANEL**



**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 ACCESS PANEL 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.



**ASK YOUR LOCAL SALES REP OR SCAN TO LEARN MORE**

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

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