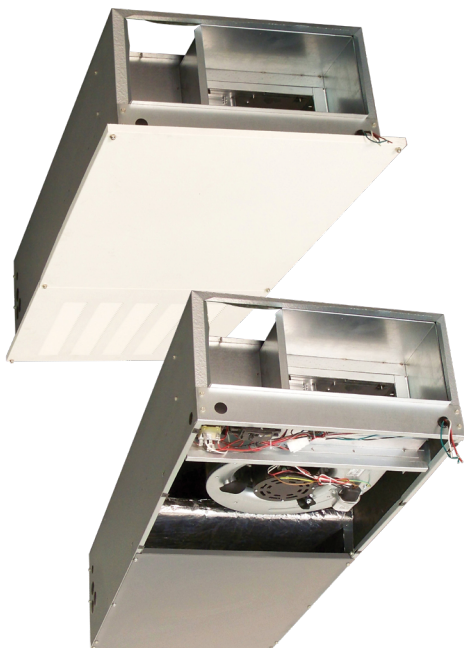


# AAC SERIES

## CEILING MOUNT ELECTRIC HEAT

### FEATURES, BENEFITS, DIMENSIONS, & SPECIFICATIONS



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.

#### 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.

- 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.

#### CABINET

Sturdy, fully insulated galvanized steel cabinet with painted front panels.

#### ELECTRIC HEATERS

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

#### 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.

#### 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. Primary and secondary condensate drain. All drain connections are 3/4" NPT. Access door allows for coil cleaning.

#### CUSTOMIZATION

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

**WARRANTY** Free five-year limited parts warranty

**OPTIONS** See options menu.



#### WANT MORE INFORMATION ON ASPEN'S AAC 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.*

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HEATING/COOLING PERFORMANCE & ELECTRICAL DATA										
MODEL	PERFORMANCE DATA						ELECTRICAL DATA			
	NOM. COOLING (BTU)	ELECTRIC HEAT KIT	HEATING (KW)		HEATING CAPACITY (MBTUH)		MIN. CIRCUIT AMPACITY (MCA2)		MAX. BREAKER OR FUSE SIZE (MEU2)	
			208V	240V	208V	240V	208V	240V	208V	240V
AAC 18	18,000	G(C,T)S00	0.0	0.0	0.0	0.0	1.8	1.8	15	15
		G(C,T)S03	2.3	3.0	7.8	10.2	15.3	17.4	20	20
		G(C,T)S05	3.8	5.0	12.6	16.7	23.4	26.8	25	30
		G(C,T)S08	6.0	8.0	20.8	27.3	37.8	43.4	40	45
		G(C,T)S10	7.5	10.0	25.6	33.4	45.0	51.8	45	60
AAC 24	24,000	G(C,T)S00	0.0	0.0	0.0	0.0	1.8	1.8	15	15
		G(C,T)S03	2.3	3.0	7.8	10.2	15.3	17.4	20	20
		G(C,T)S05	3.8	5.0	12.6	16.7	23.4	26.8	25	30
		G(C,T)S06	6.0	8.0	20.8	27.3	37.8	43.4	40	45
		G(C,T)S08	7.5	10.0	25.6	33.4	45.0	51.8	45	60
AAC 30	30,000	G(C,T)S00	0.0	0.0	0.0	0.0	3.3	3.3	15	15
		G(C,T)S03	2.3	3.0	7.8	10.2	16.8	18.9	20	20
		G(C,T)S05	3.8	5.0	12.6	16.7	24.9	28.3	25	30
		G(C,T)S08	6.0	8.0	20.8	27.3	39.3	44.9	40	45
		G(C,T)S10	7.5	10.0	25.6	33.4	46.5	53.3	50	60
AAC 36/37	36,000	G(C,T)S00	0.0	0.0	0.0	0.0	3.3	3.3	15	15
		G(C,T)S03	2.3	3.0	7.8	10.2	16.8	18.9	20	20
		G(C,T)S05	3.8	5.0	12.6	16.7	24.9	28.3	25	30
		G(C,T)S06	6.0	8.0	20.8	27.3	39.3	44.9	40	45
		G(C,T)S08	7.5	10.0	25.6	33.4	46.5	53.3	50	60

BLOWER DATA									
MODEL	PSC MOTOR				CFM VS EXTERNAL STATIC* (DRY COIL)				
	SPEED TAP	HP	AMPS	VOLT	0.1	0.2	0.3	0.4	0.5
AAC 18/24	LOW	1/5	1.4	240	890	850	820	790	760
	HIGH	1/5	1.4		1020	990	975	939	890
AAC 30/36	LOW	1/3	2.6		1115	1070	1010	960	900
	HIGH	1/3	2.6		1230	1170	1120	1050	980
AAC 37	LOW	1	7.0		1075	1030	970	820	860
	HIGH	1	7.0		1190	1130	1080	1010	940

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

ELECTRIC HEAT KIT NOMENCLATURE			
HEAT KIT SERIES	POWER CONNECTION	CABINET SIZE & NOM. TON.	HEAT STRIP
G	C	S	03
CEILING MOUNT ELECTRIC HEAT	C = CIRCUIT BREAKER T = TERMINAL BLOCK	S (SMALL) 18-37	03 = 3 KW   08 = 8 KW 05 = 5 KW   10 = 10 KW

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## AIR HANDLER CHASSIS NOMENCLATURE

AAC	NOM. TON.	METERING DEVICE	OPTION CODE
	18	4	-001
240V PSC MOTOR CEILING MOUNT	18 = 18,000 24 = 24,000 30 = 30,000 36 = 36,000 (MBTUH)	<b>A1</b> 4 = R410A (TXV NON-BLEED A/C or H/P) F = R22 (PISTON) X = R22 (TXV NON-BLEED A/C or H/P) G = R410A (PISTON) B = R22 (TXV 20% BLEED A/C or H/P)	OPTION CODE
		<b>A2L</b> J = R454B (TXV NON-BLEED A/C or H/P) M = R32 (PISTON) K = R454B (TXV 20% BLEED A/C or H/P) N = R454B (PISTON) D = R32 (TXV NON-BLEED A/C or H/P)	

## AAC DIMENSIONS (In.) - 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								
AAC30							100	
AAC36/37								

## 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

FIGURE 1

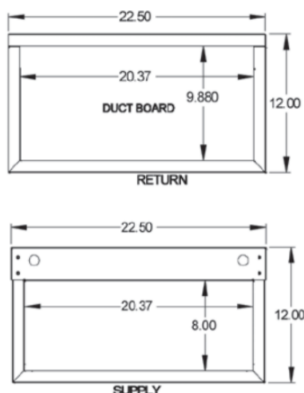
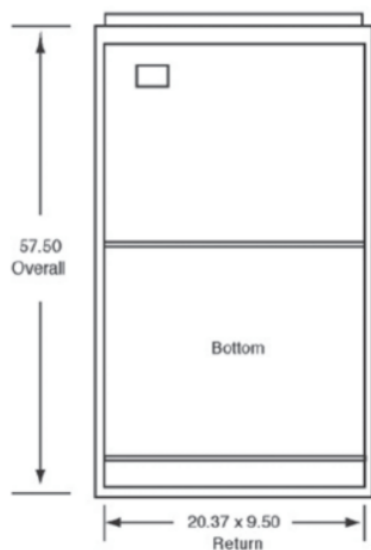
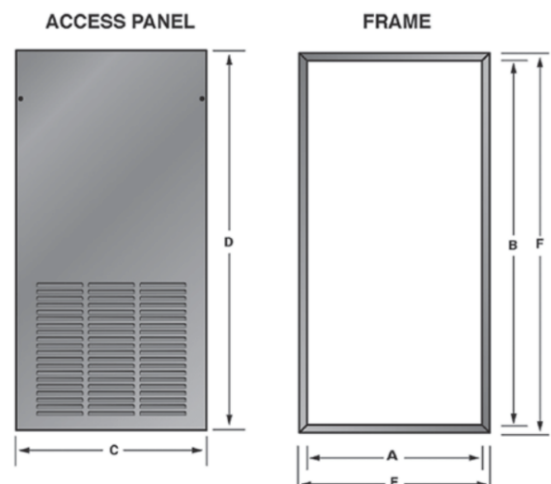


FIGURE 2



## INSTALLATION CLEARANCES (In.)

G	OPERATION	SERVICE
TOP	0	0
FRONT		30"
SIDES		0
REAR		0

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