

Product Features and Specifications

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 either R-22 or R-410A when a proper metering device is used.

CABINET

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

ELECTRICAL 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.

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 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" MPT.
- Access door allows for coil cleaning.
- Five-year limited parts warranty.
- See options menu.

CUSTOMIZATION

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



Representative image only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.



For complete warranty details
visit www.AspenMfg.com

Notes: 1) Do not use plastic drain pans on oil furnaces or other applications where outlet temperatures may exceed 290 F. Specialty metal drain pans used for these applications. 2) For all coils – Liquid line 3/8 ODS; suction line 3/4" ODS for DC25-37, 7/8" for DC43-61

AAC SERIES

CEILING MOUNT ELECTRIC HEAT AIR HANDLERS

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA										
MODEL	HEAT KIT	NOMINAL COOLING (BTUS)	PERFORMANCE DATA				ELECTRICAL DATA			
			HEATING (KW)		HEATING CAPACITY (MBTUH)		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			208V	240V	208V	240V	208V	240V	208V	240V
AAC18	G(C,T)S00	18,000	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
AAC24	G(C,T)S00	24,000	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
AAC30	G(C,T)S00	30,000	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
AAC36/37	G(C,T)S00	36,000	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

BLOWER DATA								
MODELS	MOTOR HP	MOTOR AMPS	SPEED TAP	CF M V. EXTERNAL STATIC * †				
				0.10	0.20	0.30	0.40	0.50
AAC18 & AAC24	1/5	1.4	LOW	890	850	820	790	760
			HIGH	1020	990	975	939	890
AAC30 & AAC 36	1/3	2.6	LOW	1115	1070	1010	960	900
			HIGH	1230	1170	1120	1050	980
AAC 37	1/3	2.6	LOW	1075	1030	970	820	860
			HIGH	1190	1130	1080	1010	940

*Dry coil with filter, † For 208V multiply by 0.90

AIR HANDLER CHASSIS NOMENCLATURE			
AAC	18	4	-001
AAC = 240V PSC Motor Ceiling Mount	18	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

ELECTRIC HEAT KIT NOMENCLATURE			
G	C	S	03
Ceiling mount - electric heat	C = Circuit breaker T = Terminal block	S = 18 - 37	Heat strip 03 = 3 KW 05 = 5 KW 08 = 8 KW 10 = 10KW

INSTALLATION CLEARANCES		
	OPERATION	SERVICE
TOP	0"	0"
FRONT	0"	30"
SIDES	0"	0"
REAR	0"	0"

SPECIFICATIONS			
MODEL	POSTON SIZE	SHIP WEIGHT (LBS)	SKID QTY
AAC18	0.049	91	6
AAC24	0.055	91	6
AAC30	0.059	100	6
AAC36	0.068	100	6

need original drawings

Figure 1

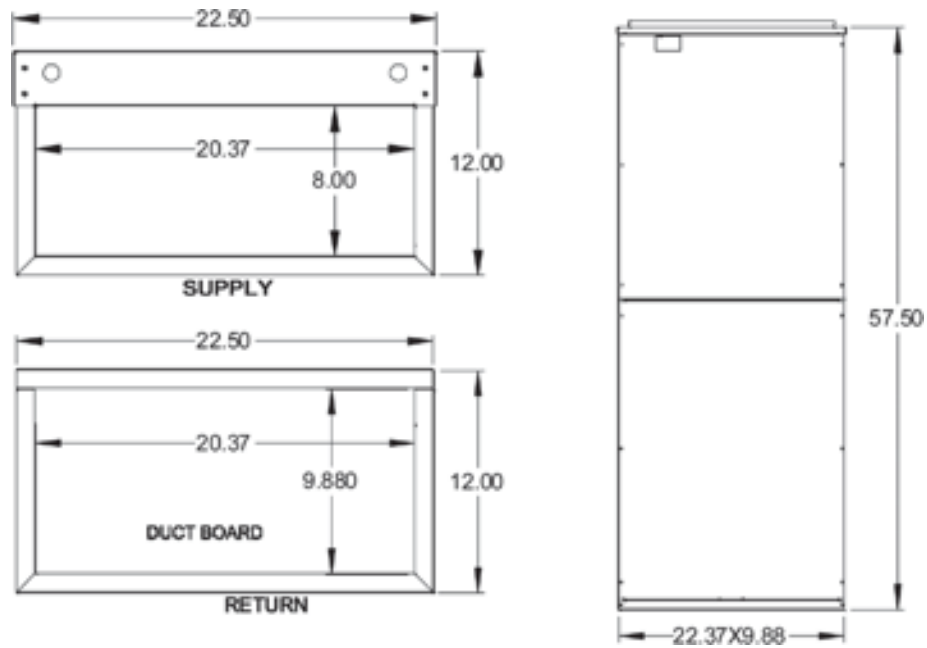
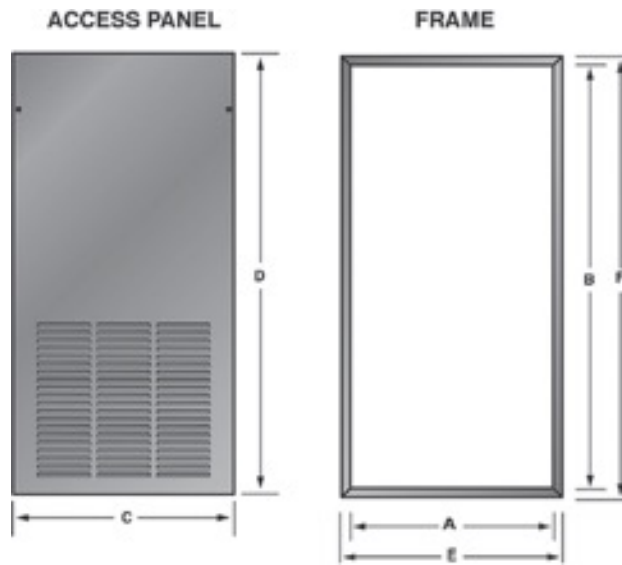


Figure 2



ACCESS DOOR DIMENSIONS AND SPECIFICATIONS (Fig 2)

PANEL MODEL	FOR USE WITH	OPENING SIZE		PANEL DIMENSION		FRAME DIMENSION		# 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

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Aspen Manufacturing is one of the largest independent evaporator coil and air handler manufacturers for the heating, ventilation, and air conditioning (HVAC) industry. As a recognized leader in product quality and indoor comfort, Aspen has continued to deliver on its promise of world-class performance since 1975. All products are designed, engineered, and manufactured in the United States with a commitment to utilizing a US supply chain where possible. The company's product offerings include high-quality residential and light commercial evaporator coils, blowers, and air handling units for multi-family, single-family residential, and manufactured homes.



Aspen utilizes state-of-the-art fabrication, assembly equipment, and stringent quality processes to maintain the highest possible quality in its products. The company adheres to its award-winning lean manufacturing system designed to eliminate inefficient procedures, policies, and production practices. Incorporating ISO techniques, the company's quality management system (QMS) ensures product delivery that meets the highest industry standards. Beyond technical compliance, Aspen can quickly adapt to changing market demands thanks to the company's nimble ability to react to changes in requirements and leadership's commitment to enabling a customer-centered company philosophy.



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