



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.

FEATURES AND BENEFITS:

APPLICATION VERSATILITY

Front or bottom return air position. Offset hanging brackets attach to unit and wall to allow hanging inside closet. 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.

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 3, 5, 8, and 10 KW. Models with electric heat include sequencers and temperature limit switches for safe, efficient operation. Modules are easily installed in the field using molex plugs or can be ordered factory installed. Controls are accessible from the front for easy service. Electrical connections can be made from the top or left. Disconnect does not protrude through the wall panel. Fan time delay relay standard for increased efficiency.

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.

ELECTRONIC CIRCUIT 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.

DX COIL

All coils immersion tested at 500 psi then Nitrogen pressurized and factory sealed for maximum reliability. Liquid-line Schrader allows pre-installation Nitrogen 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

Five-year limited parts warranty.

OPTIONS

See options menu.



**WANT MORE INFORMATION ON
ASPEN'S AAW 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. AAW Spec-2025-02_01-24

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

MODEL	HEAT KIT	MIN. MOTOR SPEED TAP REQUIRED FOR HEATER KITS	PERFORMANCE DATA				ELECTRICAL DATA				
			HEATING (KW)		HEATING CAPACITY (MBTUH)		MIN. CIRCUIT AMPACITY (MCA)		MAX. BREAKER OR FUSE SIZE		
			208V	240V	208V	240V	208V	240V	208V	240V	
AAW18	F[C,T]S00	18,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0	
	F[C,T]S03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0	
	F[C,T]S05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0	
	F[C,T]S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0	
	F[C,T]S08		6.0	8.0	20.5	27.3	37.8	43.4	40.0	45.0	
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.8	45.0	60.0	
AAW19/20	F[C,T]S00		0.0	0.0	0.0	0.0	1.7	1.7	15.0	15.0	
	F[C,T]S03		2.3	3.0	7.8	10.2	15.2	17.3	20.0	20.0	
	F[C,T]S05		3.7	4.8	12.6	16.4	23.3	26.7	25.0	30.0	
	F[C,T]S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0	
	F[C,T]S08		6.0	8.0	20.5	27.3	37.7	43.4	40.0	45.0	
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.7	45.0	60.0	
AAW23/24	F[C,T]S00	24,000	0.0	0.0	0.0	0.0	1.8	1.8	15.0	15.0	
	F[C,T]S03		2.3	3.0	7.8	10.2	15.3	17.4	20.0	20.0	
	F[C,T]S05		3.7	4.8	12.6	16.4	23.4	26.8	25.0	30.0	
	F[C,T]S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0	
	F[C,T]S08		6.0	8.0	20.5	27.3	37.8	43.4	40.0	45.0	
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.8	45.0	60.0	
AAW25/26	F[C,T]S00		0.0	0.0	0.0	0.0	1.7	1.7	15.0	15.0	
	F[C,T]S03		2.3	3.0	7.8	10.2	15.2	17.3	20.0	20.0	
	F[C,T]S05		3.7	4.8	12.6	16.4	23.3	26.7	25.0	30.0	
	F[C,T]S06		4.6	6.0	13.5	17.9	28.8	33.0	30.0	35.0	
	F[C,T]S08		6.0	8.0	20.5	27.3	37.7	43.4	40.0	45.0	
	F[C,T]S10		7.2	9.6	24.5	32.8	45.0	51.7	45.0	60.0	
AAW30/31	F[C,T]S00	30,000	0.0	0.0	0.0	0.0	3.3	3.3	15.0	15.0	
	F[C,T]S03		2.3	3.0	7.8	10.2	16.8	18.9	20.0	20.0	
	F[C,T]S05		3.7	4.8	12.6	16.4	24.9	28.3	25.0	30.0	
	F[C,T]S06		4.6	6.0	13.5	17.9	30.3	34.5	35.0	35.0	
	F[C,T]S08		6.0	8.0	20.5	27.3	39.3	44.9	40.0	45.0	
	F[C,T]S10		7.2	9.6	24.5	32.8	46.5	53.3	50.0	60.0	
AAW36/37	F[C,T]S00		36,000	0.0	0.0	0.0	0.0	3.3	3.3	15.0	15.0
	F[C,T]S03			2.3	3.0	7.8	10.2	16.8	18.9	20.0	20.0
	F[C,T]S05			3.7	4.8	12.6	16.4	24.9	28.3	25.0	30.0
	F[C,T]S06			4.6	6.0	13.5	17.9	30.3	34.5	35.0	35.0
	F[C,T]S08			6.0	8.0	20.5	27.3	39.3	44.9	40.0	45.0
	F[C,T]S10			7.2	9.6	24.5	32.8	46.5	53.3	50.0	60.0

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
AAW18/23/24	LOW	1/5	1.40	240	834	795	746	687	620
	HIGH				930	888	823	749	680
AAW19/25	LOW		740	710	685	650	615		
	HIGH		930	880	830	770	710		
AAW20/26	LOW		1.35	240	727	696	674	640	604
	HIGH				909	866	814	757	696
AAW30/36	LOW	1/3	2.6	240	1123	1094	1062	1034	1000
	HIGH				1396	1358	1313	1261	1200
AAW31/37	LOW		2.6	240	1154	1100	1042	982	901
	HIGH				1256	1193	1113	1057	982

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

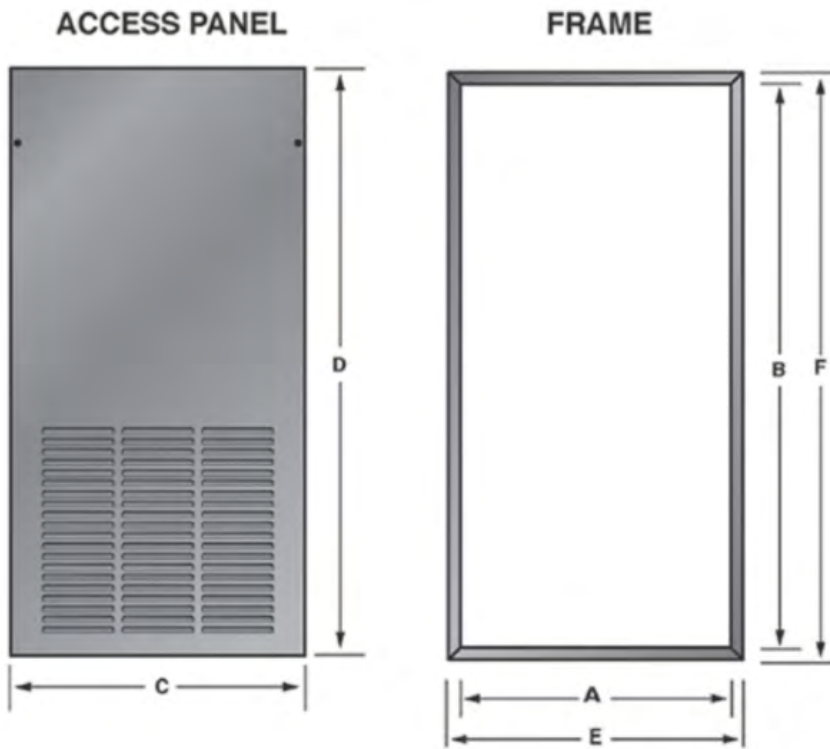
AIR HANDLER CHASSIS NOMENCLATURE

AAW	18	4	-001
240V PSC MOTOR VERTICAL WALL MOUNT 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
WALL MOUNT ELECTRIC HEAT	<u>INTERRUPTION</u> C = CIRCUIT BREAKER T = TERMINAL BLOCK	<u>TONNAGE</u> S = 18-37	<u>HEAT STRIP</u> 03 = 3 KW 05 = 5 KW 08 = 8 KW 10 = 10 KW

Figure 2



INSTALLATION CLEARANCES (In.)		
CABINET CLEARANCE AREA	OPERATION	SERVICE
TOP	0	0
FRONT		30"
SIDES		0
REAR		0

DIMENSIONS AND SPECIFICATIONS (In.) - Figure 2

PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL DIMENSION		FRAME DIMENSION		# OF PANELS
			A	B	C	D	E	F	
WAD-7(S/L)	AAW18/23/24	Embossed	22.625	39.875	24.25	41.5	24.125	41.375	1
WAD-8(S/L)	AAW30/36		22.625	42.875	24.25	44.5	24.125	44.375	
WAD-18(S/L)	AAW18/23/24	Smooth	22.625	39.875	24.25	41.5	24.125	41.375	
WAD-19(S/L)	AAW30/36		22.625	42.875	24.25	44.5	24.125	44.375	
WAD-20(S/L)	AAW19/20/25/26	Embossed	20.125	38.375	22.75	40	22.625	39.875	
WAD-21(S/L)	AAW31/37		24.625	38.375	26.25	40	26.125	39.875	
WAD-22(S/L)	AAW19/20/25/26	Smooth	21.125	38.375	22.75	40	22.625	39.875	
WAD-23(S/L)	AAW31/37		24.625	38.375	26.25	40	26.125	39.875	