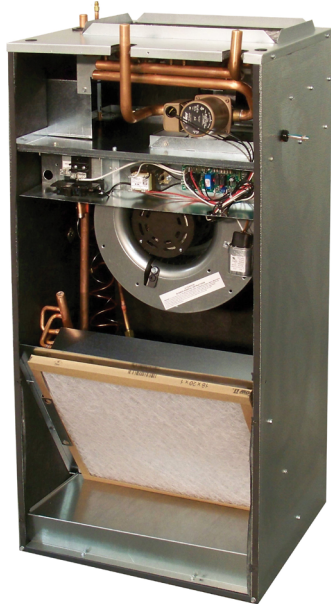


AFW SERIES

HIGH-EFFICIENCY WALL MOUNT HYDRONIC HEAT

FEATURES, BENEFITS, DIMENSIONS, & SPECIFICATIONS



Unit shown with service panels removed. Representative image only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.

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.

Heat kits are available with or without circulating pump and check valve. Units are provided with auxiliary relay for remote pump. Schrader ports are standard on water-out manifold, hose bib available as an option. Totally lead free constructed coil. Suitable for potable applications.

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 CONTROL BOARD

An electronic board controls the functioning of the system reducing moving parts. The board provides for various hot water supply source connections and the blower time delay to maximize heat/cool extraction. As an enhanced feature the pump circulates hot water every 6 hours to prevent water stagnation.

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 check style flowrater 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.

WARRANTY Five-year limited parts warranty.

OPTIONS See options menu.



WANT MORE INFORMATION ON ASPEN'S AFW 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. AFW-Spec-2025-04

HEATING/COOLING PERFORMANCE & ELECTRICAL DATA									
MODEL	PERFORMANCE DATA							ELECTRICAL DATA	
	NOM. COOL. (BTUS)	HYDRONIC HEAT KIT	HEATING COIL	HYDRONIC COIL Δ P.	HEATING CAPACITY (BTU) @ 3.5 GPM			MIN. CIRCUIT AMPACITY (MCA2)	MAX. BREAKER OR FUSE SIZE (MEU2)
			# ROWS	FT. WATER	ENTERING WATER TEMP.				
					120°	140°	180°		
AFW 18	18,000	U(C,T)2S(P,L)	2	3	18800	26600	42300	6.6	15
		U(C,T)3S(P,L)	3	1.8	21600	30400	48500	6.6	
AFW 24	24,000	U(C,T)2S(P,L)	2	3	21000	30100	48000	6.6	
		U(C,T)3S(P,L)	3	1.8	24700	34800	55600	6.6	
AFW 30	30,000	U(C,T)2S(P,L)	2	3	23200	32800	52500	9.1	
		U(C,T)3S(P,L)	3	1.8	27000	38200	61100	9.1	
		U(C,T)4S(P,L)	4	1.1	28300	40100	64000	9.1	
AFW 36	36,000	U(C,T)2S(P,L)	2	3	24700	35000	56000	9.1	
		U(C,T)3S(P,L)	3	1.8	29900	41000	65500	9.1	
		U(C,T)4S(P,L)	4	1.1	30400	43000	68800	9.1	

BLOWER DATA									
MODEL	X13 MOTOR				CFM VS EXTERNAL STATIC (DRY COIL)				
	SPEED TAP	HP	AMP	VOLT	0.1	0.2	0.3	0.4	0.5
AFW 18/24	T5	1/3	4.8	120	900	851	800	742	682
	T4	1/3	4.8		652	630	591	556	530
	T3	1/3	4.8		500	476	452	421	400
	T2	1/3	4.8		400	381	360	339	312
	T1	1/3	4.8		900	851	800	742	682
AFW 30/36	T5	1/2	6.8		1150	1087	1030	975	910
	T4	1/2	6.8		1080	1048	1010	960	895
	T3	1/2	6.8		900	862	825	79	745
	T2	1/2	6.8		700	663	632	600	552
	T1	1/2	6.8		500	473	449	421	395

AIR HANDLER CHASSIS NOMENCLATURE			
AFW	NOM. TON.	METERING DEVICE	OPTION CODE
	18	G	-000
115V X13 MOTOR VERTICAL WALL MOUNT	18 = 18,000 24 = 24,000 30 = 30,000 36 = 36,000 (MBTUH)	A1 METERING DEVICE 4 = R410A (TXV NON-BLEED A/C or H/P) B = R22 (TXV 20% BLEED A/C or H/P) X = R22 (TXV NON-BLEED A/C or H/P) F = R22 (PISTON) G = R410A (PISTON)	OPTION CODE
		A2L METERING DEVICE J = R454B (TXV NON-BLEED A/C or H/P) K = R454B (TXV 20% BLEED A/C or H/P) D = R32 (TXV NON-BLEED A/C or H/P) M = R32 (PISTON) N = R454B (PISTON)	

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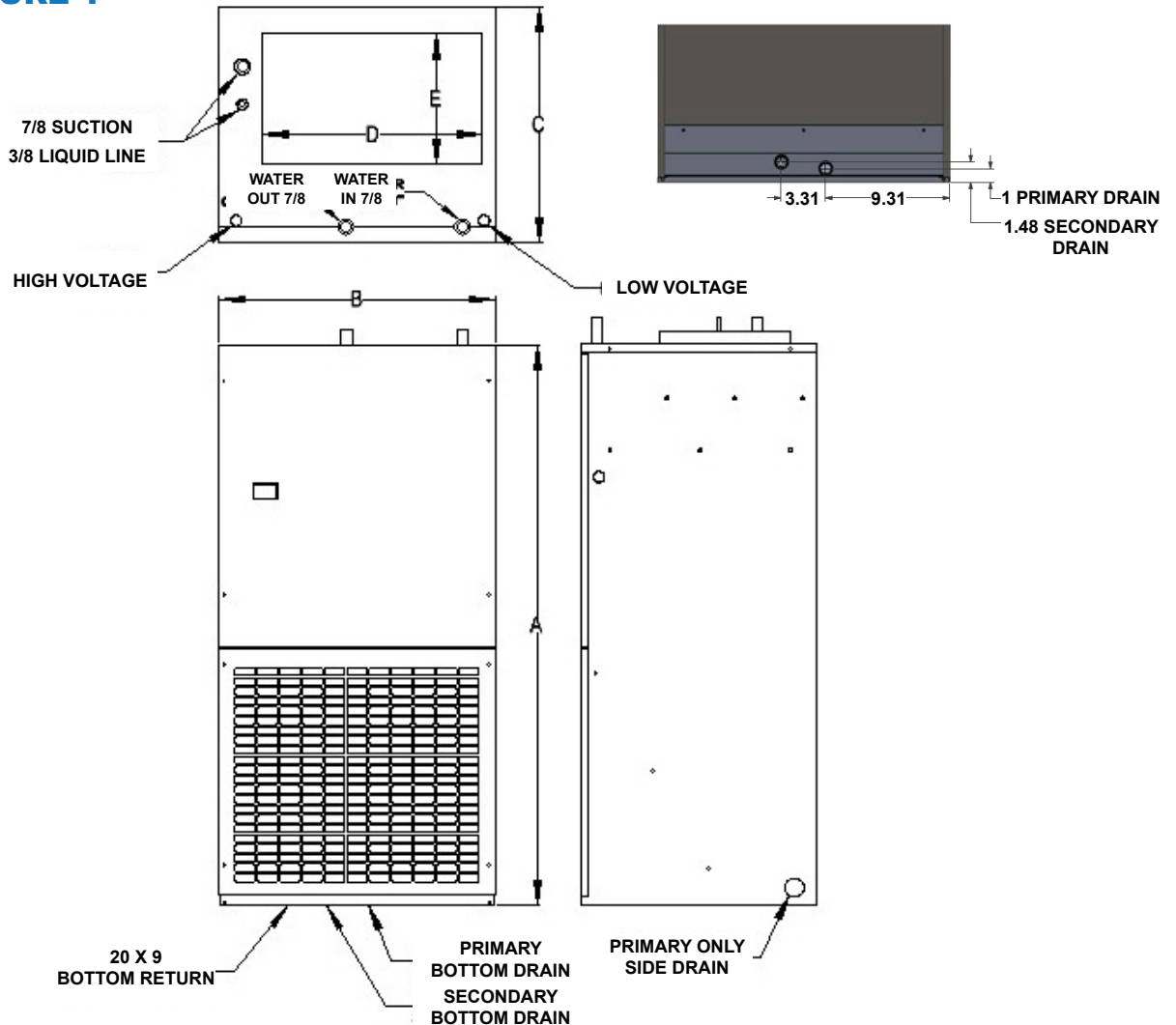
HYDRONIC HEAT KIT NOMENCLATURE

HEAT KIT SERIES	POWER CONNECTION	ROWS	CABINET SIZE & NOM. TON.	PUMP TYPE
U	C	2	S	P
WALL MOUNT HYDRONIC HEAT	C = CIRCUIT BREAKER T = TERMINAL BLOCK	2 = 2 ROWS 3 = 3 ROWS 4 = 4 ROWS	S = 18 - 36 (SMALL)	L = No Pump P = Taco 006 Pump (factory installed) 8 = Taco 008 Pump high head (factory installed) R = Taco 009 Pump high head (to be mounted external to all units except for multi-position units)

AFW DIMENSIONS & SPECIFICATIONS (In.) - FIGURE 1

MODEL	A	B	C	D	E	FILTER	SHIPPING INFO	
							SHIP. WEIGHT	SKID QTY
AFW18*	44-1/2 [113]	22 [56]	18-3/4 [48]	17-5/8 [45]	10-1/2 [27]	20X20	110	4
AFW24*								
AFW30*							118	
AFW36*								

FIGURE 1



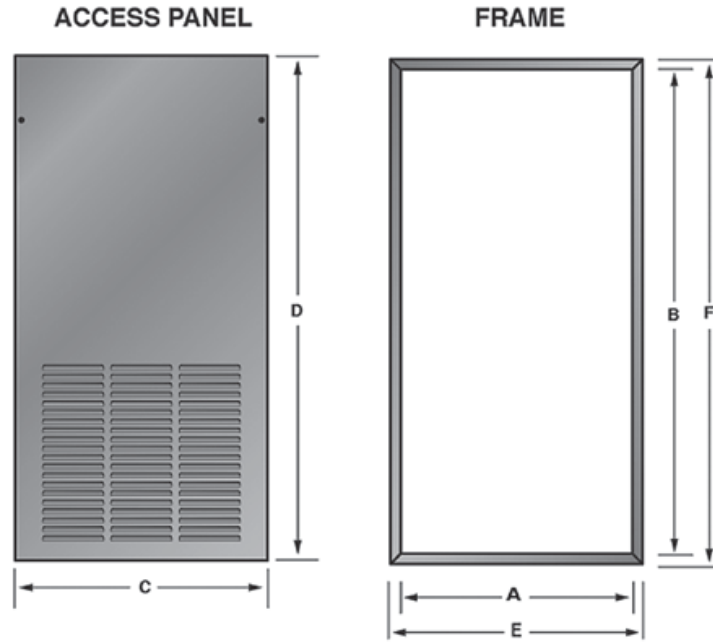
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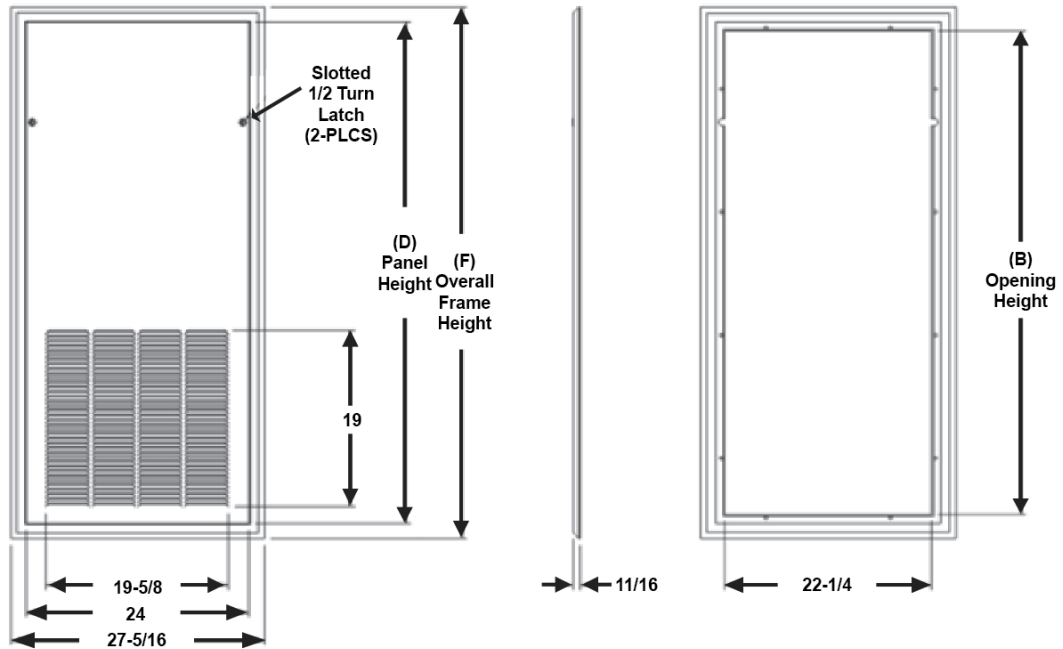
AFW DIMENSIONS AND SPECIFICATIONS (In. [mm] - Figure 2)									
PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL SIZE		FRAME SIZE		# OF PANELS
			A	B	C	D	E	F	
WAD-16(S/L)	AFW	Smooth	22-1/4	52	24-1/4	54	24-1/8	53-7/8	1
WAD-17(S/L)		Smooth	22-1/4	46	24-1/4	48	24-1/8	47-7/8	
WAD-24(S/L)		Smooth	22-1/4	52	24	54	27-1/3	51-1/4	
WAD-25(S/L)		Smooth	22-1/4	46	24	48	27-1/3	51-1/4	

FIGURE 2

WAD-9,10,16,17



[WAD-24, 25 S/L]



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