

ASPENPRO

PAW SERIES WALL MOUNT

ELECTRIC HEAT DX COOL AIR HANDLER

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.

WARRANTY

**ONE YEAR LIMITED
PARTS WARRANTY**

DIRECT EXPANSION 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 factory installed. 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' FPT.

APPLICATION VERSATILITY

Front or bottom return air position. Offset hanging brackets attach to unit and wall to allow hanging inside closet. Field convertible front and bottom return. Wall hanging bracket included standard.

- 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.

MOTOR

Direct drive multi-speed blowers circulate air quietly and efficiently. Two speed motors allow for precise air volume selection. Motor speeds can be easily selected via motor terminals. Blowers mounted on plate so they can be easily removed for service.

ELECTRONIC CONTROL 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.

LOW LEAKAGE CABINET

Less than 2% air leakage from cabinet when installed in enclosure and tested in accordance with ASHRAE 193. Sturdy, fully insulated galvanized steel cabinet.

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available in 0, 3, 5, 8, & 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.

WANT MORE INFORMATION ON THE ASPENPRO PAW SERIES CEILING MOUNT 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)	ELECT. HEAT KIT MODEL	MIN. SPEED TAP	HEATING (KW)		TOT. AMPS (A)		MIN. CIRCUIT AMPACITY (MCA2)		MAX. BREAKER OR FUSE SIZE (MEU2)	
				208V	240V	208V	240V	208V	240V	208V	240V
PAW 21	18,000	F(C,T)S00	-	0.0	0.0	1.4	1.4	1.8	1.8	15A	15A
		F(C,T)S03	LO	2.3	3.0	12.2	13.9	15.3	17.4	20A	20A
		F(C,T)S05	LO	3.6	4.8	18.7	21.4	23.4	26.8	25A	30A
		F(C,T)S06	HI	4.5	6.0	23.0	26.4	28.8	33.0	30A	35A
		F(C,T)S08	HI	6.0	8.0	30.2	34.7	37.8	43.4	40A	45A
		F(C,T)S10	HI	7.2	9.6	36.0	41.4	45.0	51.8	45A	60A
PAW 22	24,000	F(C,T)S00	-	0.0	0.0	1.4	1.4	1.8	1.8	15A	15A
		F(C,T)S03	LO	2.3	3.0	12.2	13.9	15.3	17.4	20A	20A
		F(C,T)S05	LO	3.6	4.8	18.7	21.4	23.4	26.8	25A	30A
		F(C,T)S06	HI	4.5	6.0	23.0	26.4	28.8	33.0	30A	35A
		F(C,T)S08	HI	6.0	8.0	30.2	34.7	37.8	43.4	40A	45A
		F(C,T)S10	HI	7.2	9.6	36.0	41.4	45.0	51.8	45A	60A
PAW 27/28	24,000	F(C,T)S00	-	0.0	0.0	1.4	1.4	1.8	1.8	15A	15A
		F(C,T)S03	LO	2.3	3.0	12.2	13.9	15.3	17.4	20A	20A
		F(C,T)S05	LO	3.6	4.8	18.7	21.4	23.4	26.8	25A	30A
		F(C,T)S06	HI	4.5	6.0	23.0	26.4	28.8	33.0	30A	35A
		F(C,T)S08	HI	6.0	8.0	30.2	34.7	37.8	43.4	40A	45A
		F(C,T)S10	HI	7.2	9.6	36.0	41.4	45.0	51.8	45A	60A
PAW 29	30,000	F(C,T)M00	-	0.0	0.0	2.6	2.6	3.3	3.3	15A	15A
		F(C,T)M03	LO	2.3	3.0	13.4	15.1	16.8	18.9	20A	20A
		F(C,T)M05	LO	3.0	4.8	19.9	22.6	24.9	28.3	25A	30A
		F(C,T)M06	HI	4.5	6.0	24.2	27.6	30.3	34.5	35A	35A
		F(C,T)M08	HI	6.0	8.0	31.4	35.9	39.3	44.9	40A	45A
		F(C,T)M10	HI	7.2	9.6	37.2	42.6	46.5	53.3	50A	60A
PAW 32/33/34	30,000	F(C,T)M00	-	0.0	0.0	2.6	2.6	3.3	3.3	15A	15A
		F(C,T)M03	LO	2.3	3.0	13.4	15.1	16.8	18.9	20A	20A
		F(C,T)M05	LO	3.0	4.8	19.9	22.6	24.9	28.3	25A	30A
		F(C,T)M06	LO	4.5	6.0	24.2	27.6	30.3	34.5	35A	35A
		F(C,T)M08	LO	6.0	8.0	31.4	35.9	39.3	44.9	40A	45A
		F(C,T)M10	LO	7.2	9.6	37.2	42.6	46.5	53.3	50A	60A
PAW 35	30,000	F(C,T)M00	-	0.0	0.0	2.6	2.6	3.3	3.3	15A	15A
		F(C,T)M03	LO	2.3	3.0	13.4	15.1	16.8	18.9	20A	20A
		F(C,T)M05	LO	3.0	4.8	19.9	22.6	24.9	28.3	25A	30A
		F(C,T)M06	HI	4.5	6.0	24.2	27.6	30.3	34.5	35A	35A
		F(C,T)M08	HI	6.0	8.0	31.4	35.9	39.3	44.9	40A	45A
		F(C,T)M10	HI	7.2	9.6	37.2	42.6	46.5	53.3	50A	60A

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HEATING/COOLING PERFORMANCE & ELECTRICAL DATA

MODEL	PERFORMANCE DATA						ELECTRICAL DATA				
	NOM. COOLING (BTU)	ELECT. HEAT KIT MODEL	MIN. SPEED TAP	HEATING (KW)		TOT. AMPS (A)		MIN. CIRCUIT AMPACITY (MCA2)		MAX. BREAKER OR FUSE SIZE (MEU2)	
				208V	240V	208V	240V	208V	240V	208V	240V
PAW 38	36,000	F(C,T)M00	-	0.0	0.0	2.6	2.6	3.3	3.3	15A	15A
		F(C,T)M03	LO	2.3	3.0	13.4	15.1	16.8	18.9	20A	20A
		F(C,T)M05	LO	3.0	4.8	19.9	22.6	24.9	28.3	25A	30A
		F(C,T)M06	HI	4.5	6.0	24.2	27.6	30.3	34.5	35A	35A
		F(C,T)M08	HI	6.0	8.0	31.4	35.9	39.3	44.9	40A	45A
		F(C,T)M10	HI	7.2	9.6	37.2	42.6	46.5	53.3	50A	60A

PAW BLOWER DATA

MODEL	SPEED TAP	MOTOR			CFM VS. EXTERNAL STATIC (DRY COIL)							
		HP	FLA	VOLT.	0.10	0.20	0.30	0.40	0.50			
PAW 21	LOW	1/5	1.4	240V	840	795	750	690	620			
	HIGH				930	890	825	750	680			
PAW 22	LOW				730	695	675	640	600			
	HIGH				910	850	800	750	695			
PAW 27	LOW				840	795	750	690	620			
	HIGH				930	890	825	750	680			
PAW 28	LOW				730	695	675	640	600			
	HIGH				910	850	800	750	695			
PAW 29	LOW				1/3	2.6	240V	740	675	650	630	600
	HIGH							930	850	815	770	725
PAW 32	LOW							740	675	650	630	600
	HIGH							930	850	815	770	725
PAW 33	LOW	740	675	650				630	600			
	HIGH	930	850	815				770	725			
PAW 34	LOW	1125	1075	1050				1030	1000			
	HIGH	1375	1275	1250				1200	1175			
PAW 35	LOW	1150	1075	1050				980	900			
	HIGH	1250	1185	1100				1050	980			
PAW 38	LOW	1125	1075	1050				1030	1000			
	HIGH	1375	1275	1250				1200	1175			

AIR HANDLER CHASSIS NOMENCLATURE

PAW	21	4	-000
PAW = 240V (PSC)	NOMINAL TONNAGE (MBTUH)	A1 METERING DEVICE 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
		A2L METERING DEVICE 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)	

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ELECTRIC HEAT NOMENCLATURE

F	C	S	10	P
ELECTRIC HEAT	INTERRUPTION C = CIRCUIT BREAKER T = TERMINAL BLOCK	CABINET SIZE & NOM. TONNAGE M = MEDIUM CABINET (29/32/33/34/35/38) S = SMALL CABINET (21/22/27/28)	HEAT STRIP 00 = 0 KW 06 = 6 KW 03 = 3 KW 08 = 8 KW 05 = 5 KW 10 = 10 KW	MOTOR P = PSC

ACCESS DOOR

VERSATILITY

Equipped with hidden frame feature. Fastens to the outside wall surface and does not have to perfectly match the hole opening. Frame screws are not visible after installation. Available in either solid (S) or louvered (L) style.

MATERIALS

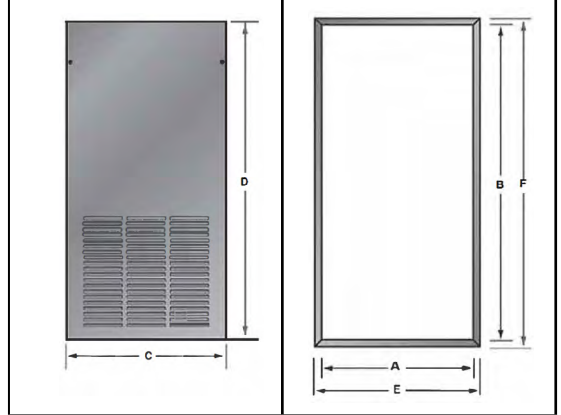
Galvanized steel construction with smooth powder paint finish.

FILTER

20" x 20" x 1" field supplied.

ACCESS PANEL

FRAME



CABINET INSTALLATION CLEARANCES (In.)

CLEARANCE AREA	OPERATION	SERVICE
TOP	0	0
FRONT		30"
SIDES		0
REAR		0

ACCESS DOOR DIMENSIONS (In.)

PANEL MODEL	FOR USE WITH	FINISH	OPENING SIZE		PANEL SIZE		FRAME SIZE		FILTERS (QTY)
			A	B	C	D	E	F	
WAD-7(S/L)	PAW 22/28	Embossed	22-1/4	39-1/2	24-1/4	41-1/2	24-1/8	41-3/8	1
WAD-8(S/L)	PAW 32/33/34/38	Embossed	22-1/4	42-1/2	24-1/4	44-1/2	24-1/8	44-3/8	
WAD-18(S/L)	PAW 22/28	Smooth	22-1/4	39-1/2	24-1/4	41-1/2	24-1/8	41-3/8	
WAD-19(S/L)	PAW 32/33/34/38	Smooth	22-1/4	42-1/2	24-1/4	44-1/2	24-1/8	44-3/8	
WAD-20(S/L)	PAW 21/27	Embossed	20-3/4	38	22-3/4	40	22-5/8	39-7/8	
WAD-21(S/L)	PAW 29/35	Embossed	24-1/4	38	26-1/4	40	26-1/8	39-7/8	
WAD-22(S/L)	PAW 21/27	Smooth	20-3/4	38	22-3/4	40	22-5/8	39-7/8	
WAD-23(S/L)	PAW 29/35	Smooth	24-1/4	38	26-1/4	40	26-1/8	39-7/8	

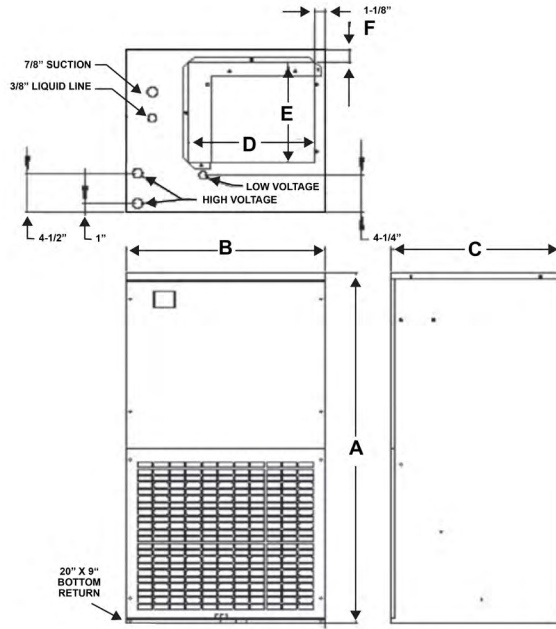
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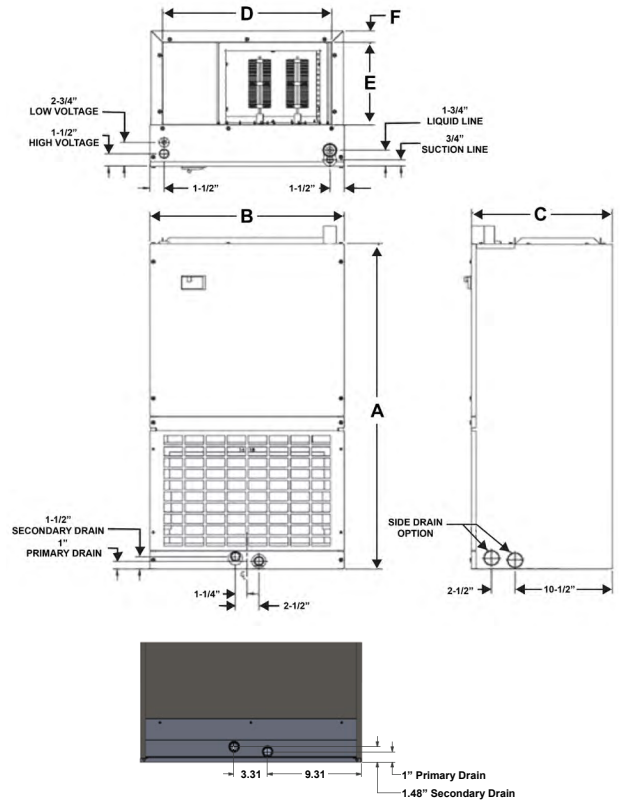


FIGURE 1

PAW 22/28/32/33/34/38



PAW 21/27/29/35



CHASSIS DIMENSIONS (In.) - FIGURE 1

MODEL	A	B	C	D	E	F	FILTER SIZE	SHIP WEIGHT (LBS)	SKID QTY
PAW 21	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	80	4
PAW 22/28	37-1/2 [953]	22 [559]	18-3/4 [476]	14 [356]	10 [254]	3-1/4 [83]	18X20	90	
PAW 27	36 [915]	20-1/2 [521]	15 [381]	18 [457]	9-1/4 [235]	1-1/4 [32]	14X18	80	
PAW 32/33/34	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]	20X20	102	
PAW 29/35	36 [915]	24 [610]	21 [533]	21-1/2 [546]	12 [305]	1-1/4 [32]	14X18	90	
PAW 38	40-1/2 [1029]	22 [559]	18-3/4 [476]	14 [356]	11-1/2 [292]	1-3/8 [35]	20X20	102	

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