

PFS/T SERIES CEILING MOUNT

CASED & UNCASD HIGH-EFFICIENCY HYDRONIC HEAT DX COOL ECM AIR HANDLER



Representative image only. Some models may vary in appearance.

APPLICATION VERSATILITY

Built-in mounting tabs for ceiling or furr-down mounting. Compatible with most brands of air conditioners and heat pumps. Optional louvered ceiling access panel has separate frame that attached to ceiling joists. Optional solid ceiling panel available for use with ducted return. Less than 2% air leakage when tested in accordance with ASHRAE standard 193. Field convertible front and bottom return. Wall hanging bracket included standard.

- A2L refrigerants require a Refrigerant Detection System (RDS) for compliance. In accordance to UL 60335 Refrigerant Detection Systems are factory-installed on A2L refrigerant ready air handlers.
- ETL listed for R22 and 410A. ETL listed for R454B and R32 with (RDS) Refrigerant Detection System.

MOTOR

Constant torque ECM speeds and torques are controlled by embedded motor software and factory preprogrammed. Direct drive blowers circulate air quietly and efficiently. Air moving system is plated mounted to allow for easy removal and service.

ELECTRONIC CONTROLS

Electronic board controls the functioning of system, increasing system reliability. Standard factory installed freeze stat wired into circulating pump control circuit. Standard factory installed fan time delay relay for increased efficiency and maximize capacity. Standard factory installed pump cycle timer circulates hot water every four hours to prevent coil freeze during off-cycle.

- Rifled copper tube/enhanced aluminum fins DX and hydronic coils for more efficient heat transfer
- Schrader valve on DX and hydronic coils for pressure assurance testing leak check
- Factory installed service switch
- Factory installed freeze protection
- Low leak cabinet design*

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 enclosure with ducted return available as option.

DIRECT EXPANSION/HYDRONIC COILS

High efficiency rifled copper tube and enhanced aluminum fins provide maximum heat transfer. All coils immersion tested at 500 psi, followed by nitrogen pressurization and factory sealing to ensure optimal system integrity and long-term reliability. Liquid-line Schrader allows pre-installation pressure assurance testing. Available with factory installed orifice or TXV. Primary and secondary DX condensate drain with 3/4" NPT connections. Powder-painted galvanized drain pan. Hydronic coils suitable for potable water applications.

WARRANTY One Year Limited Warranty with registration.

PFS-PFT-SS-AH-021-A

HELPFUL LINKS



VIEW PRODUCT ONLINE

For full warranty terms and conditions, please refer to the Warranty Information section on Aspen's official website.



AHRI QUICK MATCH TOOL

Identify the correct AHRI-certified match for any Aspen coil, air handler, or Aspen PRO air handler. Available on the Resources page.



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PF(S/T) HEATING/COOLING PERFORMANCE AND ELECTRICAL DATA

ASPEN PRO MODEL	HYDRONIC HEAT		PERFORMANCE DATA				ELECTRICAL DATA				
	NOM. COOL.	HEAT GPM	PRESS DROP (FT. WTR)	HEATING CAPACITY BTU/HR @ ENTERING WATER TEMP. & NOM. AIRFLOW			MIN. CIRCUIT AMPACITY			MAX. BREAKER OR FUSE SIZE	
				120°	140°	180°	L	P	8		R
	BTU						120V				120V
PF(S/T) 26	24,000	2.0	2.2	15700	22000	34600	8.75	9.53	9.59	10.55	15A
		3.0	4.3	17000	23800	37400	8.75	9.53	9.59	10.55	15A
		4.0	6.8	17600	24700	38800	8.75	9.53	9.59	10.55	15A
PF(S/T) 32	30,000	2.0	2.2	17300	24200	38000	8.75	9.53	9.59	10.55	15A
		3.0	4.3	18800	26300	41300	8.75	9.53	9.59	10.55	15A
		4.0	6.8	19600	27500	43200	8.75	9.53	9.59	10.55	15A
PF(S/T) 33	36,000	2.0	2.2	19700	27600	43400	17.50	18.28	18.34	-	30A
		3.0	4.3	21700	30400	47400	17.50	18.28	18.34	-	30A
		4.0	6.8	22800	31900	50100	17.50	18.28	18.34	-	30A
2.0		2.2	19700	27600	43400	17.50	18.28	18.34	-	30A	
3.0		4.3	21700	30400	47800	17.50	18.28	18.34	-	30A	
4.0		6.8	22800	31900	50100	17.50	18.28	18.34	-	30A	

NOTES: Heat BTUH is at 70° EAT. 120° and 180° data is supplied for boiler applications. Heat BTUH output will not exceed output of water heater. Units should not be applied to a system with less than 350 CFM/Ton airflow. Add 0.05 static when enclosure and/or ceiling panel are used. PFT33 and PFT37 have two motors and four blowers.

PF(S/T) BLOWER DATA

MODEL	ECM MOTOR				CFM VS STATIC PRESSURE (DRY COIL)				
	SPEED	HP	FLA	VOLT	0.1	0.2	0.3	0.4	0.5
PF(S/T) 26	HIGH	1/2	7.0	120	1005	965	920	850	780
	MED	1/2	7.0		845	795	755	720	680
	LOW	1/2	7.0		765	710	665	635	600
PF(S/T) 32	HIGH	1/2	7.0	120	1180	1155	110	1040	980
	MED	1/2	7.0		1085	1040	995	965	920
	LOW	1/2	7.0		1030	965	935	885	845
PF(S/T) 33	HIGH	1/2(2)	14.0	120	1455	1375	1285	1195	1105
	MED	1/2(2)	14.0		1300	1245	1185	1150	1075
	LOW	1/2(2)	14.0		-	1030	975	915	860
PF(S/T) 37	HIGH	1/2(2)	14.0	120	1455	1375	1285	1195	1105
	MED	1/2(2)	14.0		1300	1245	1185	1150	1075
	LOW	1/2(2)	14.0		-	1030	975	915	860

PF(S/T) AIR HANDLER CHASSIS NOMENCLATURE (ELECTRIC CEILING MOUNT)

BRAND	VOLT.	CONFIGUR.	18/23	METERING DEVICE		OPTION CODE
P	F	S/T		4/G	R410A + R22	-000
ASPEN PRO	120V ECM MOTOR CONSTANT TORQUE HYDRONIC HANDLER	S = UNCASSED T = CASSED	NOMINAL TONNAGE (MBTUH)	R410A + R22		OPTION CODE
				4 = R410A (TXV NON-BLEED AC or HP) X=R22 (TXV NON-BLEED AC or HP)	6 = R410A (TXV 20% BLEED AC or HP) B = R22 (TXV 20% BLEED AC or HP)	
				G = R410A (PISTON)	F = R22 (PISTON)	
				R454B + R32		
		J = R454B (TXV NON-BLEED AC or HP) D = R32 (TXV NON-BLEED AC or HP)				
		K = R454B (TXV 20% BLEED AC or HP) M = R32 (PISTON)				
		N = R454B (PISTON)				

HYDRONIC HEAT NOMENCLATURE

HEAT KIT SERIES	POWER CONNECTION	# OF ROWS	CABINET SIZE & NOM. TON.	PUMP TYPE
Z	T	2	S	P
WATER HEAT HYDRONIC	T = TERMINAL BLOCK	2 = 2 ROW HYDRONIC COIL	M (MEDIUM) 26/32 L (LARGE) 33/37	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)

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ACCESS DOOR

VERSATILITY

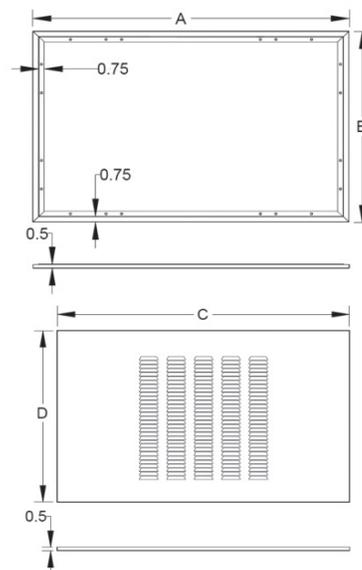
Equipped with hidden frame feature. Fastens to the outside wall surface and does not have to perfectly match the hole opening. Frame screws are not visible after installation. Available in either solid (S) or Louvered (L) style.

MATERIALS

Galvanized steel construction with smooth powder paint finish.

FILTER

20" x 20" x 1" field supplied.



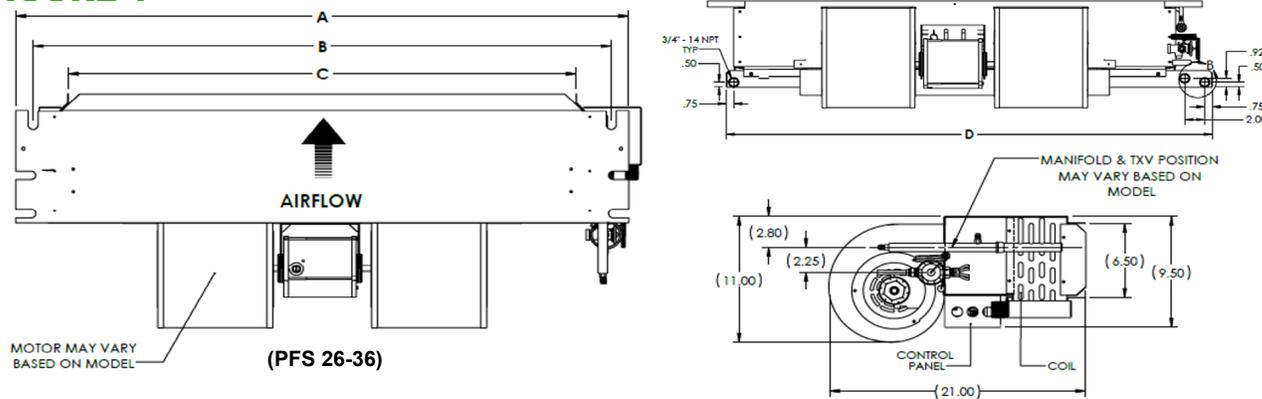
PF(S/T) - ACCESS DOOR/PANEL DIMENSIONS (In.)

PANEL MODEL	FOR USE WITH	A	B	C	D	FILTERS (QTY)
PF(S/T)26/32	GAD-6(S/L)	63-1/2	27-1/2	61-1/2	26	2
PF(S/T)33/37	GAD-4(S/L)	70-1/2		68-1/2		

PFS SERIES - CHASSIS DIMENSIONS (In.) - FIGURE 1

ASPENPRO MODEL	A	B	C	D	WEIGHT (LBS)	SKID QTY
PF(S/T)26	55 [1397]	50 [1270]	42 [1060]	50 [1270]	105	8
PF(S/T)32	55 [1397]	50 [1270]	42 [1060]	50 [1270]	125	
PF(S/T)33/37	62 [1575]	56 [1422]	48 [1219]	56 [1422]	135	

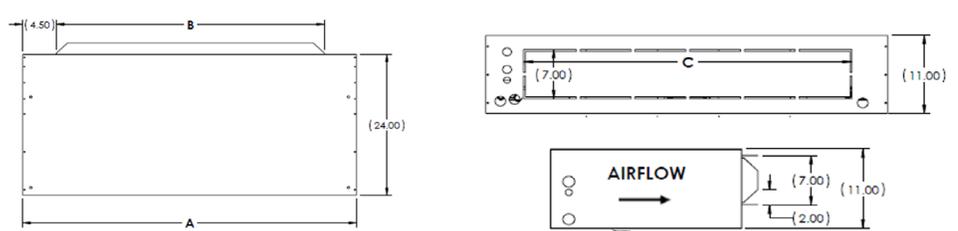
FIGURE 1



PFT SERIES - ENCLOSURE DIMENSIONS (In.) - FIGURE 2

ASPENPRO MODEL	A	B	C	WEIGHT (LBS)	SKID QTY
PF(S/T)26	60 [1524]	30 [762]	30 [762]	140	5
PF(S/T)32	60 [1524]	42 [1067]	47 [1194]	140	5
PF(S/T)33/37	67 [1702]	42 [1067]	42 [1067]	170	4

FIGURE 2



PFT SERIES - CAP KIT PART NUMBER (In.)

ASPENPRO MODEL	PART NUMBER	ENCLOSURE SIZE
PFT26/32	CAP-7	60X24X11
PFT33/37	CAP-8	67X24X11

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