



# ***PFW-PS SERIES***

## ***UNIVERSAL FLOOR STANDING HYDRONIC 4 PIPE***



### **Standard Features:**

***4 cabinet sizes with length from 1040mm to 2240mm***

***Capacity range of 1.8 kW to 9 kW in 7 sizes***

***Adjustable louvers and airflow direction***

***Galvanized steel frame construction with***

***ABS cabinet construction***

***Onboard mechanical control***

### **Options:**

***Onboard LCD thermostat***

***Wired LCD wallpad thermostat with:***

***\* Remote control handset***

***\* Master & Slave control***

***\* Auto Restart***

***Pre-installed valve kit***



## HYDRONIC FLOOR STANDING AND UNDER CEILING UNITS

### STANDARD SPECIFICATIONS

### PFW - PS SERIES

Model		PFW-06	PFW-09	PFW-12	PFW-15	PFW-18	PFW-24	PFW-30
Nominal airflow (H / M / L)	m <sup>3</sup> / h	340 / 260 / 168	510 / 384 / 258	680 / 510 / 340	760 / 570 / 380	1,020 / 765 / 510	1,250 / 930 / 625	1,500 / 1,140 / 760
Nominal cooling capacity (H / M / L)	kW	1.8 / 1.5 / 1.0	2.7 / 2.3 / 1.7	3.6 / 3.0 / 2.2	4.2 / 3.5 / 2.4	5.4 / 4.5 / 3.3	6.5 / 5.1 / 3.5	9.0 / 6.8 / 5.0
Nominal sensible cooling capacity (H / M / L)	kW	1.3 / 1.1 / 0.7	1.9 / 1.6 / 1.1	2.5 / 2.1 / 1.5	2.7 / 2.3 / 1.8	3.8 / 3.1 / 2.3	4.4 / 3.6 / 2.7	5.8 / 4.7 / 3.6
Nominal heating capacity (H / M / L)	kW	2.6 / 2.2 / 1.7	3.3 / 2.8 / 2.2	4.2 / 3.6 / 2.8	4.5 / 3.8 / 3.0	6.8 / 5.8 / 4.5	7.6 / 6.4 / 5.1	9.9 / 8.5 / 6.7
Noise Level (L / M / H) @ 1m	dB (A)	32 / 34 / 37	34 / 37 / 39	36 / 38 / 41	38 / 40 / 43	39 / 42 / 45	40 / 43 / 46	41 / 44 / 48
Power Supply	V / Ph / Hz	230 / 1 / 50						
No. of Fan		2	2	2	2	4	4	4
Fan motor power	W	37	52	62	76	96	134	152
Fan motor running current	A	0.168	0.236	0.282	0.345	0.436	0.610	0.690
Fan motor start current	A	2.514	0.661	0.846	1.050	1.264	1.830	1.970
Operation control		Fan Speed Selector / Mechanical Thermostat / Microprocessor Control						
Cooling water flow rate	L / h	351	520	700	795	1,050	1,225	1,700
Heating water flow rate	L / h	222	283	362	286	583	652	850
Cooling Water pressure drop	kPa	2.4	5.9	11.9	17.5	7.0	9.5	21.0
Heating Water pressure drop	kPa	8.5	13.0	6.0	10.0	15.0	18.0	36.0
Water contents	L	0.402	0.402	0.556	0.556	0.860	0.860	1.168
Cond. Drain connection I.D.	mm (in)	19.05 (3/4)						
Dimensions	L	228	228	228	228	228	228	228
	W	1,040	1,040	1,270	1,270	1,755	1,755	2,215
	H	532	532	532	532	532	532	532
Gross Weight	kg	20	20	25	25	40	40	50
Connection Method		Socket (Threaded Female)						
Water Connection	Cooling	In	19.05 (3/4)					
		Out	19.05 (3/4)					
	Heating	In	12.70 (1/2)					
		Out	12.70 (1/2)					

Cooling : 27°C db/19.5°C wb entering air temperature, 7°C entering water and 12°C leaving water temperature.

09 V.1.0

Heating : 20°C db entering air temperature, 70°C entering water and 60°C leaving water temperature.



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