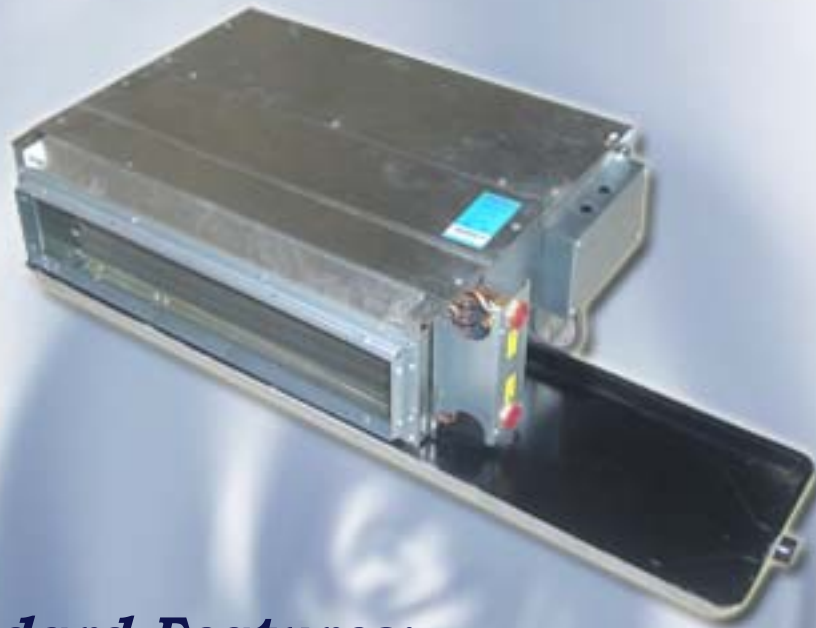




# ***PDW(L) - PW SERIES***

## ***4-PIPE DUCTED FAN COILS***



### **Standard Features:**

***Cooling Capacities From 1.7 to 12 KW***

***12/30/50/70 Pa External Static Pressure***

***3+1 row coil***

***Left and Right-side connections***

***Compact and Extra Low Noise Designs***

### **Options:**

***LCD Wall Pad Thermostat***

***Electronic PCB***

***2-way or 3-way Motorized Valve Kit***



4 PIPE DUCTED FAN COIL UNITS

STANDARD SPECIFICATIONS

PDW(L) - PW SERIES

Model			PDW(L)-06-PW	PDW(L)-09-PW	PDW(L)-12-PW	PDW(L)-15-PW	PDW(L)-18-PW	PDW(L)-24-PW	PDW(L)-30-PW	PDW(L)-36-PW	PDW(L)-40-PW	
Air Flow	H	m <sup>3</sup> / h	340	510	680	850	1020	1360	1700	2040	2380	
	M		260	384	510	638	765	1020	1275	1530	1785	
	L		168	258	340	425	510	680	850	1020	1180	
Cooling Capacity	H	W	1750	2680	3640	4480	5350	7180	8950	10600	12000	
	M		1545	2270	3020	3770	4530	6040	7515	8350	9750	
	L		1070	1650	2170	2710	3250	4340	5420	6050	6670	
Sensible Cooling Capacity	H	W	1271	1900	2536	3171	3803	5071	6339	6540	8039	
	M		1070	1573	2083	2607	3125	4167	5184	5443	6664	
	L		745	1149	1511	1887	2263	3022	3774	4174	4821	
Heating Capacity*	H	W	1400.0	2300.0	3500.0	5250.0	5780.0	7270.0	9000.0	12300.0	13320.0	
	M		1300.0	1900.0	3200.0	4450.0	4950.0	6200.0	7730.0	10450.0	11400.0	
	L		1200.0	1400.0	2500.0	3550.0	3840.0	5000.0	6160.0	8300.0	9050.0	
Heating Capacity**	H	W	700.0	1200.0	1900.0	2600.0	2860.0	3590.0	4520.0	6360.0	6880.0	
	M		600.0	1000.0	1700.0	2220.0	2460.0	3100.0	3920.0	5450.0	5910.0	
	L		500.0	700.0	1300.0	1770.0	1920.0	2500.0	3150.0	4350.0	4750.0	
Power Input (ESP 12Pa)	H	W	33	47	56	72	89	111	140	180	221	
Power Input (ESP 30Pa)	H	W	45	60	73	88	110	155	174	211	254	
Power Input (ESP 50Pa)	H	W	48	65	85	102	117	173	211	252	301	
Power Input (ESP 70Pa)	H	W	55	71	93	110	124	181	220	259	306	
Noise Level (ESP 12Pa)	H	dB (A)	37	39	41	43	45	46	48	50	52	
Noise Level (ESP 30Pa)	H	dB (A)	40	42	44	46	47	49	50	52	54	
Noise Level (ESP 50Pa)	H	dB (A)	42	44	46	48	50	52	54	56	58	
Noise Level (ESP 70Pa)	H	dB (A)	45	47	50	53	57	60	63	67	70	
Chilled Water Flow			m <sup>3</sup> / h	0.351	0.52	0.7	0.876	1.05	1.4	1.75	1.99	2.324
Chilled Water Pressure Drop			kPa	2.4	5.9	11.9	19.7	31.9	47.8	18.2	24.4	37.1
Hot Water Flow			m <sup>3</sup> / h	0.11	0.18	0.282	0.45	0.495	0.623	0.771	1.054	1.142
Hot Water Pressure Drop			kPa	2.1	4.7	15.7	6.5	7.7	12.9	21.8	53.5	60
Fan	Type	centrifugal fan (forward-curved galvanized steel fan wheel)										
	Quantity	1	2	2	2	2	2	2	2	2	2	2
cooling Coil	Type	seamless copper tube mechanically bonded to configurated aluminium fin										
	Testing Pressure	2.5Mpa										
	Internal Volume	L	0.71	0.86	1.01	1.16	1.31	1.31	1.90	2.05	2.26	2.44
Heating Coil	Type	seamless copper tube mechanically bonded to configurated aluminium fin										
	Testing Pressure	2.5Mpa										
	Internal Volume	L	0.24	0.29	0.34	0.39	0.44	0.44	0.63	0.68	0.76	0.81
Motor	Type	split-capacitor motor with ball bearing										
	Quantity	1	1	1	1	1	1	2	2	2	2	
	Power Supply	V / Ph / Hz	220V / 1P/60HZ									
	Insulation Class	class B										
	Running Current*(ESP: 12Pa)	A	0.168	0.236	0.282	0.345	0.436	0.436	0.61	0.69	0.86	1.04
	Running Current*(ESP: 30Pa)	A	0.22	0.29	0.35	0.42	0.53	0.53	0.74	0.83	1	1.22
	Running Current*(ESP: 50Pa)	A	0.23	0.31	0.4	0.49	0.6	0.6	0.83	1	1.21	1.44
Running Current*(ESP: 70Pa)	A	0.26	0.34	0.44	0.53	0.6	0.6	0.87	1.05	1.24	1.46	
Control Method	Three-Speed Switch, Thermostat or Electronic PCB											
Connection (Diameter)	heating coil Conns	IN	Rc1/2									
		OUT	Rc1/2									
	cooling Coil Conns	IN	Rc 3/4									
		OUT	Rc 3/4									
	Drain Pipe	R 3/4										
Valve (2way or 3way)	Rc 3/4											
Working Pressure	Mpa		1.6									
Connection Method	Socket											
Weight	kg		14.5	16.5	18.5	20	22	22	32.5	35.5	37	40
Dimensions	L	mm	755	855	955	1055	1155	1555	1655	1855	1955	
	W		495	495	495	495	495	495	495	495	495	
	H		230	230	230	230	230	230	230	230	230	230

Note:

09 V.1.0

Cooling Capacity: Entering air temp.27°C(DB),19.5°C(WB); Entering water temp. 7°C, Leaving water temp. 12°C

Heating Capacity\*: Entering air temp. 20°C(DB); Entering water temp. 70°C, leaving water temp.60°C.

Heating Capacity\*\*: Entering air temp. 20°C(DB); Entering water temp. 60°C, leaving water temp.50°C.

Air Flow: Under dry coil conditions, fan speed high. Pa airflow data excludes filter.



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