

2 PIPE DUCTED FAN COIL UNITS

FP-HWDA-V SERIES

STANDARD SPECIFICATIONS

Model			68-V	85-V	102-V	136-V	170-V	204-V	238-V	300-V	400-V	460-V	500 - V
Air Flow	HIGH SPEED	m ³ / h (C.F.M.)	680(408)	850(510)	1020(612)	1360(816)	1700(1020)	2040(1224)	2380(1428)	3000(1800)	4000(2400)	4600(2760)	5100(3060)
	MEDIUM SPEED		510(306)	623(374)	764(458)	1020(612)	1270(762)	1530(918)	1780(1068)	2500(1500)	3340(2004)	4200(2520)	4700(2820)
	LOW SPEED		340(204)	421(252)	510(306)	680(408)	850(510)	1020(612)	1190(714)	2070(1242)	2780(1668)	3800(2280)	4300(2580)
Cooling Capacity	H	W	3600	4650	5480	7290	9120	12050	13000	15000	19300	24300	30000
	M		3100	3560	4180	5680	7060	9340	10050	13000	16700	21800	
	L		2100	2450	2890	3980	4900	6510	6960	11200	14400	19700	
Sensible Cooling Capacity	H	W	2500	3300	3630	4690	5750	7610	8150	10980	13700	18700	21900
	M		2070	2660	3020	3820	4750	6310	6770	9700	12200	16970	
	L		1500	1940	2210	2880	3570	4750	5160	8500	10600	15400	
Heating Capacity*	H	W	7780	9560	10930	14510	17500	22530	25000	31800	42700	45000	34000
	M		6280	7740	8900	11900	14300	18220	20300	27900	37600	39600	
	L		4620	5680	6520	8700	10530	13450	15020	24100	32400	34140	
Heating Capacity**	H	W	4100	5000	5680	7670	9100	11900	13020	16800	22000	24900	34000
	M		3360	4040	4650	6190	7440	9660	10650	14700	19400	21900	
	L		2500	2990	3440	4600	5540	7150	7900	12700	16800	19000	
Power Input	H	W	84	100	110	150	270	450	550	620	750	802	1250
EXTERNAL ST. Pa	H	Pa	70	70	70	90	91	110	105	120	110	130	110
Noise Level	H	dB (A)	46	47	49	54	56	58	62	66	70	76	75
Water Flow		m ³ / h	0.65	0.84	1.00	1.31	1.64	2.17	2.34	2.58	3.17	4.59	
Water Pressure Drop		kPa	24	9.3	12.4	22.8	21.9	25	23.5	32	26.5	35	
Electrical heater(optional)		KW	2	2	2.5	3	4	4.5	5	6	6	6	
Fan	Type	Centrifugal Fan (forward-curved galvanized steel fan wheel)											
	Quantity	2	2	2	2	2	2	2	2	2	2	2	2
Coil	Type	seamless copper tube mechanically bonded to configured aluminium fin											
	Testing Pressure	2.5Mpa											
	Internal Volume	L	0.88	1.31	1.31	2.08	2.08	2.52	2.52	3.73	4.97	4.97	
Motor	Type	split-capacitor motor with ball bearing											
	Quantity	1	1	1	1	1	1	1	1	1	1	1	1
	Power Supply	V / Ph / Hz	220-240v/ph/hz										
	Insulation Class	class B											
	Running Current*	A	0.36	0.44	0.5	0.67	1.2	2	2.44	2.7	3.3	3.86	
	Starting Current*	A	1.08	1.32	1.50	2.01	3.60	6.00	7.32	8.10	9.90	11.60	
Control Method	Three-speed switch, thermostat or electronic PCB												
Connection (Diameter)	Coil Conns	IN	Rc3/4										
		OUT	R3/4										
	Drain Pipe		Rc3/4										
	Valve (2way or 3way)		R3/4										
Working Pressure	Mpa	1.6											
Connection Method	socket												
Weight	kg	33	34	35	45	56	70	70	90	98	100		
Dimensions	W -WIDTH	mm	825	825	825	1050	1050	1250	1250	1400	1400	1400	
	H -HEIGHT		260	260	260	315	315	315	315	400	400	400	
	L -DEPTH		500	500	500	550	550	620	620	750	750	750	

Note:

08 V.1

Cooling capacity: Room temperature 27°C-50% R.H.; water in/out temperature 7/12°C

Heating capacity*: Room temperature 20°C,water in/out temperature 70/60°C

Heating capacity**: Room temperature 20°C; water in/out temperature 50/40°C

Noise level: Measurement to 1 m by the point of air outlet.