

Chilled water cassette fan coil unit FP-KM

FP-51~238KM

Air flow: 510-2380 m³/h



Indoor inst.



Horizontal



Chilled water

- ◆ For false ceiling installation with direct air inlet and outlet;
- ◆ Optimizer diffusing type;
- ◆ Self-supporting anti-corrosive structure made of galvanized sheet metal complete with device for the natural discharge;
- ◆ Build-in condensate pump;
- ◆ Infrared wireless remote controller ;
- ◆ 3 speeds motors;
- ◆ Low noise level;
- ◆ High quality ABS panel.
- ◆ Optional accessories:
- ◆ Wall mounted cable controller;

FP-51KM/68KM/85KM



FP-102KM/136KM



FP-170KM/204KM



FP-238KM



Chilled water cassette fan coil unit FP-KM

Specifications -2 pipes Specifications

Model	FP-51KM	FP-68KM	FP-85KM	FP-102KM	FP-136KM	FP-170KM	FP-204KM	FP-238KM
Power supply	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz
Cooling (kW) (H/M/L)	2.7/2.5/2.1	3.6/3.2/2.9	4.5/4.0/3.6	5.4/5.1/4.6	7.2/6.5/5.7	9.0/8.2/7.4	10.8/9.8/8.8	12.6/11.7/10.8
Heating (kW) (H/M/L)	4.05/3.1/2.1	5.4/5.1/4.7	6.7/5.8/5.0	8.1/6.8/5.9	10.8/9.7/8.9	13.5/11.3/9.8	16.2/13.7/11.7	18.9/16.4/14.1
Air flow (m3/h)	510	680	850	1020	1360	1700	2040	2380
Water flow(m3/h)	0.52	0.62	0.86	0.98	1.22	1.58	1.92	2.1
Input power (W)	50	65	70	110	130	150	185	190
Input current (A)	0.23	0.28	0.32	0.49	0.55	0.68	0.85	0.91
Water pressure drop (Kpa)	14	16	18	22	25	39	44	44
Water-In/Out pipe	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"	ZG 3/4"
Inner grooved	Inner grooved	Inner grooved	Inner grooved	Inner grooved	Inner grooved	Inner grooved	Inner grooved	Inner grooved
Electric shock protection	I	I	I	I	I	I	I	I
Noise dB(A) (H/M/L)	39/32/25	41/35/28	43/37/29	45/38/30	46/41/32	48/43/33	50/45/34	51/45/34
Main Weight Net /gross (kg)	23/28	23/28	23/28	30/35	30/35	35/40	35/40	40/45
Main Dimension Net (mm)	590*590*260	590*590*260	590*590*260	840*840*240	840*840*240	840*840*285	840*840*285	960*960*285
Main Dimension Packing(mm)	675*675*310	675*675*310	675*675*310	855*885*260	855*885*260	855*885*305	855*885*305	1025*1025*305
Panel Weight Net /gross (kg)	5.0/7.0	5.0/7.0	5.0/7.0	7.0/9.0	7.0/9.0	7.0/9.0	7.0/9.0	8.0/11.0
Panel Dimension Net (mm)	650*650*30	650*650*30	650*650*30	950*950*45	950*950*45	950*950*45	950*950*45	1140*1140*45
Panel Dimension Packing(mm)	720*720*135	720*720*135	720*720*135	1005*1005*100	1005*1005*100	1005*1005*100	1005*1005*100	1195*1195*100
Mounting Dimensions	610*415	610*415	610*415	720*790	720*790	720*790	720*790	930*730*840

Notes:

Cooling rated conditions: air inlet 27°C(DB)/19.5°C(WB). Water inlet 7, water inlet/outlet temperature difference 5°C.

Heating rated conditions: air inlet 20°C(DB), hot water inlet 60°C, hot water flow is the same as cooling water flow.

Noise measured at 1m in open field.

Specifications -4 pipes Specifications

Model	FP-51KM-ZH	FP-68KM-ZH	FP-85KM-ZH	FP-102KM-ZH	FP-136KM-ZH	FP-170KM-ZH	FP-204KM-ZH
Power supply	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz	~220V 50Hz
Cooling (kW) (H/M/L)	2.2/2.1/2.0	2.6/2.4/2.1	3.4/3.0/2.5	4.5/4.1/3.5	5.4/4.8/4.3	6.0/5.1/4.6	7.0/6.2/5.8
Heating (kW) (H/M/L)	1.2/1.1/1.0	1.4/1.2/1.0	1.7/1.4/1.2	2.03/1.7/1.4	2.8/2.4/1.9	5.8/4.2/2.7	6.1/5.3/4.6
Air flow (m3/h)	510	680	850	1020	1360	1700	2040
Chilled water flow (m3/h)	0.39	0.48	0.65	0.79	0.92	1.1	1.3
Hot water flow(m3/h)	0.18	0.2	0.22	0.31	0.45	0.63	0.72
Input power (W)	50	65	70	110	130	150	190
Input current (A)	0.23	0.28	0.32	0.49	0.55	0.68	0.91
Pressure drop(Kpa)	14	16	18	22	25	39	44
E.S.P.(pa)	0	0	0	0	0	0	0
Water-In/Out pipe	ZG 3/4 " (Inner screw)						
Electric shock protection	I Class	I	I	I	I	I	I
Noise dB(A) (H/M/L)	39/32/26	41/35/27	43/36/29	45/38/31	46/42/32	48/43/33	50/45/34
Coil Row	2			2		2	
Coil fins	Hydrophilic aluminum δ0.115mm			Hydrophilic aluminum δ0.115mm		Hydrophilic aluminum δ0.115mm	
Coil DN (mm)	Φ9.52			Φ9.52		Φ9.52	
Tube material	Copper tube			Copper tube		Copper tube	
Coil size (mm)	1229*200*44			2199*200*44		2199*250*44	
Net weight/ Gross weight(kg)	23/28			30/35		45/47	
Main Unit Dimension Net (mm)	590*590*260			840*840*240		840*840*285	
Main Unit Dimension Packing(mm)	675*675*310			855*885*260		855*885*305	
Panel Weight Net /gross (kg)	5/7			7/9		7/9	
Panel Dimension Net (mm)	650*650*30			950*950*45		950*950*45	
Panel Dimension Packing(mm)	720*720*135			1005*1005*100		1005*1005*100	
Mounting Dimensions	610*415			720*790		720*790	

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Cooling rated conditions: air inlet 27°C(DB)/19.5°C(WB). Water inlet 7, water inlet/outlet temperature difference 5°C.
 Heating rated conditions: air inlet 20°C(DB), hot water inlet 60°C, hot water flow is the same as cooling water flow.
 Noise measured at 1m in open field.