

FAN COIL UNIT DATA TABLE

The data table below is available for the 3 types fan coils.

1. Concealed horizontal fan coil (WA series)
2. Floor standing fan coil (LM series)
3. Cassette fan coil (KM series)



Specification		FP-34 (200)	FP-51 (300)	FP-68 (400)	FP-85 (500)	FP-102 (600)	FP-136 (800)	FP-170 (1000)	FP-204 (1200)	FP-238 (1400)
nominal air volume (m³/h)	High Middle Low	340	510	680	850	1020	1360	1700	2040	2380
		260	390	520	650	780	1040	1290	1580	1820
		180	270	360	450	530	710	890	1060	1240
Cooling capacity (w)	High Middle Low	1800	2700	3600	4500	5400	7200	9000	10800	12600
		1620	2450	3240	4050	4850	6480	7980	9580	11200
		1430	1990	2650	3220	3820	5140	6400	7480	8960
Heating capacity (w)	High Middle Low	2700	4050	5400	6750	8100	10800	13500	16200	18900
		2450	3680	4860	6120	7275	9980	11960	14200	16520
		2160	3240	4300	5200	6400	8600	9200	10800	12960
Conventional type noise dB(A)		≤35	≤36	≤38	≤40	≤43	≤44	≤45	≤46	≤49
High static press noisiness dB(A)		≤39	≤41	≤43	≤45	≤48	≤49	≤50	≤52	≤54
Input power (w)	Standard type	41	54	65	82	98	132	168	206	247
	Overpressure type	45	58	76	89	110	165	195	228	273
Outlet static press of unit (Pa)		12Pa, 30Pa, 50Pa								
Electric power		Signal phase 220v 50HZ								
thermal sink		louvered aluminum thermal sink, spacing of fins is 2.2mm								
No. of wind wheel (n)		1	1	2	2	2	2	3	4	4
Heat exchanger	Model	3-row aluminum								
	Structure model	copper stringing roll aluminum fin								
	working pressure	1.2Mpa								
	water pipe branching	DN20 pipe								
	condensed water connecting hose	DN20 pipe								
water volume (kg/h)		350	480	680	780	910	1140	1270	1320	1460
hydraulic resistance (kpa)		15	20	30	35	45	35	35	38	40
Weight (kg)	Horizontal concealed (WA)	16	19	21	22	23	25	35	38	45

Note: 1.all horizontal concealed type can be equipped with overpressure type (20Pa-30Pa) , input power improves 1.5 times than the same grade fan coil with no overpressure.

2. The input power means those in high-level air volume.

3.The measure of nominal cooling capacity: room temperature DB t1 is 27℃,WB t2=19.5℃.

4.The measure of nominal cooling capacity: room temperature DB t1 is 21℃, water entering temperature tw is 60℃.

5. Galvanized sheet is used as panel. Please note when ordering if you need fingerprint-proof material as panel.

Wall mounted fan coil unit



Model		FP-68BG	FP-85BG	FP-102BG
Air volume (m3/h)	High	680	850	1020
	Middle	470	685	780
	Low	360	585	600
Cooling capacity (w)	High	3500	4500	5400
	Middle	2610	3440	3850
	Low	2150	2750	3290
Heating capacity (w)	High	5250	6750	8100
	Middle	3950	5160	5780
	Low	3700	4130	5000
Noise dB(A)		≤45	≤48	≤48
Chilled water temperature		7℃-12℃		
Hot water temperature		65℃-60℃		
Supply power(V Hz)		Single phase A.C. 220V 50Hz		
Water pipe		ZG3/4"		
Outside measurement L*W*H		890*280*200	1000*320*225	1080*350*240
Weight(Kg)		9	11	16

High floor standing fan coil unit



Technical parameter of upright column fan coil				
Performance/model		2P	3P	5P
		FP-136LZ	FP-170LZ	FP-204LZ
Air volume(m³/h)	H	1360	1700	2040
	M	1100	1370	1740
	L	880	1170	1420
Cooling capacity(w)	H	7400	8500	10000
	M	5920	7270	9000
	L	4810	6210	7000
Heat capacity(w)	H	11100	12750	15000
	M	8880	11000	12000
	L	7220	9400	10000
Noise db(A)		<50	<56	<56
Electric power (W)		45	55	100
Backwater temperature for cold water		7℃~12℃		
Backwater temperature for heat water		65℃~60℃		
Power(V / HZ)		Single-phase power supply 220v、50Hz		
Water main		ZG 3/4”		
Size	L×W×H	485×290×1680	520×285×1755	600×310×1900
Weight of unit(kg)		38	42	48