

### CEILING CONCEALED TYPE FAN COIL UNIT

Model		FP-34WA		FP-51WA		FP-68WA		FP-85WA		FP-102WA		FP-136WA		FP-170WA		FP-204WA		FP-238WA			
Power supply		220V,50Hz,1Ph																			
Type		2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube		
Air volume	H	m <sup>3</sup> /h																			
	M	340	510	680	850	1020	1360	1700	2040	2380											
	L	270	380	515	660	765	1040	1280	1550	1800											
Static pressure	Pa		12(30)																		
	TH	H	1800	2700	3600	4500	5400	7200	9000	10800	12600										
		M	1341	2012	2682	3353	4023	5364	6705	8046	9387										
SH	H	1458	2187	2916	3645	4374	5832	7290	8748	10206											
	M	1152	1728	2304	2880	3456	4607	5759	6911	8063											
TH	L	1134	1701	2268	2835	3402	4536	5670	6804	7938											
	M	930	1395	1860	2325	2790	3720	4649	5579	6509											
Heating capacity	H	2700	1300	4050	1940	5400	2590	6750	3240	8100	3890	10800	5180	13500	6480	16200	7780	18900	9070		
	M	2079	1020	3119	1530	4158	2040	5198	2550	6237	3060	8316	4070	10395	5090	12474	6110	14553	7130		
	L	1634	820	2450	1230	3267	1630	4084	2040	4901	2450	6534	3270	8168	4080	9801	4900	11435	5720		
Noise	high speed	12Pa	dB(A)																		
		30Pa	35	36	38	40	43	44	45	46	49										
Power input	high speed	12Pa	W																		
		30Pa	34	41	59	73	91	118	146	182	216										
Water flow volume	Cooling	m <sup>3</sup> /h																			
	Heating	0.31	0.46	0.62	0.77	0.93	1.23	1.54	1.85	2.16											
Water pressure dropping	Cooling	kPa																			
	Heating	7	15	18	23	28	30	22	30	36	36										
Dimension of water (in & out) connection pipe	in	ZG3/4"																			
	out	ZG3/4"																			
Coil	type	high efficient copper pipe to wear Hydrophilic aluminum coil																			
Dimension of water drain pipe	mm	ZG3/4"																			
Net dimension	L×W×H	710*458*240		810*458*240		920*458*240		1015*458*240		1090*458*240		1328*458*240		1593*458*240		1708*458*240		1928*458*240			
Net weight	kg	15	17	18	19	19	20	21	23	28	30	30	32	34	37	40	40	43			

### HIGH STATIC PRESSURE TYPE FAN COIL UNIT

Model		FP-170HA		FP-204HA		FP-238HA		FP-340HA		FP-408HA		FP-476HA					
Power supply		220V,50Hz,1Ph															
Type		2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube	2 tube	4 tube				
Air volume	H	m <sup>3</sup> /h															
	M	1700	2040	2380	3400	4080	4760										
	L	1280	1550	1800	2560	3100	3600										
Static pressure	Pa		80	120	150	200											
	TH	H	9000	10800	12600	18000	21600	25200									
		M	6705	8046	9387	13410	16092	18774									
SH	H	7290	8748	10206	14580	17496	20412										
	M	5759	6911	8063	11518	13822	16125										
TH	L	5670	6804	7938	11340	13608	15876										
	M	4649	5579	6509	9299	11159	13018										
Heating capacity	H	13500	6500	16200	7800	18900	9100	27000	13000	32400	15600	37800	18100				
	M	10395	5090	12474	6110	14553	7130	20790	10190	24948	12220	29106	14260				
	L	8168	4080	9801	4900	11435	5720	16335	8170	19602	9800	22869	11430				
Noise	high speed	120Pa	dB(A)														
		120Pa	50	52	54	56	58	60									
Power input	high speed	120Pa	W														
		120Pa	420	450	520	900	1100	1150									
Water flow volume	Cooling	m <sup>3</sup> /h															
	Heating	1.54	1.85	2.16	3.08	3.7	4.32										
Water pressure dropping	Cooling	kPa															
	Heating	22	30	36	40	56	68										
Dimension of water (in & out) connection pipe	in	ZG3/4"															
	out	ZG3/4"															
Coil	type	High efficient copper pipe to wear Hydrophilic aluminum coil															
Dimension of water drain pipe	mm	1.6															
Net dimension	L×W×H	1110*740*370				1440*770*538				1690*770*538				1690*770*538			
Net weight	kg	48				52				102				125			

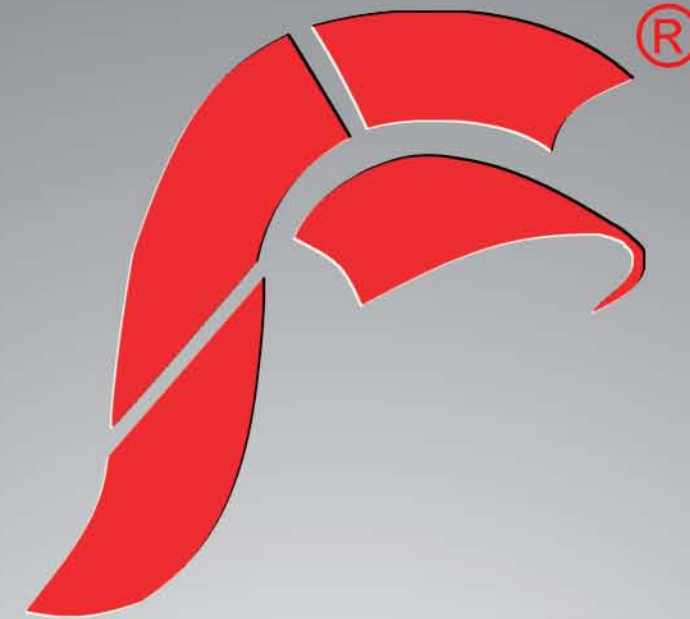
Test conditions: Cooling: indoor return air DB 27°C/WB 19.5°C. Chilled water in 7°C/ out 12°C.

Heating: indoor return air DB 21°C. Hot water in 60°C.

Above parameters are for reference only and subject to change without prior notice.



# FAN COIL UNIT



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The models and specifications of equipment listed in this catalog shall be subject to change without any prior notification due to product updating

AIRTROJAN INC.  
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### ONE WAY CASSETTE TYPE FAN COIL UNIT

Model	FP-34KM1	FP-51KM1	FP-68KM1	FP-85KM1
Model of panel	MB-SA11A1			
Power supply	220V,50Hz,1Ph			
Type	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube
Air volume	H 340	M 280	L 180	H 510
Cooling capacity	TH SH	TH SH	TH SH	TH SH
Heating capacity	H M L	H M L	H M L	H M L
Water flow volume	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Water pressure dropping	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Dimension of water (in & out) connection pipe	ZG3/4"			
Coil	High efficient copper pipe to wear Hydrophilic aluminum coil			
Dimension of water drain pipe	φ25			
Net dimension	Unit: 850*900*235			
Net weight	Unit: 22			



### 4 WAY CASSETTE TYPE FAN COIL UNIT

Model	FP-34KM4	FP-51KM4	FP-68KM4	FP-85KM4	FP-102KM4	FP-136KM4	FP-170KM4	FP-204KM4
Model of panel	MB-S***E1				MB-S***E2			
Power supply	220V,50Hz,1Ph							
Type	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube
Air volume	H 340	M 280	L 180	H 510	M 430	L 340	H 680	M 570
Cooling capacity	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH
Heating capacity	H M L	H M L	H M L	H M L	H M L	H M L	H M L	H M L
Water flow volume	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Water pressure dropping	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Dimension of water (in & out) connection pipe	ZG3/4"							
Coil	High efficient copper pipe to wear Hydrophilic aluminum coil							
Dimension of water drain pipe	φ25							
Net dimension	Unit: 590*900*270		Unit: 752*922*293		Unit: 822*922*263		Unit: 822*922*293	
Net weight	Unit: 19		Unit: 23		Unit: 25		Unit: 28	



### 8 WAY CASSETTE TYPE FAN COIL UNIT

Model	FP-34KM8	FP-51KM8	FP-68KM8	FP-85KM8	FP-102KM8	FP-136KM8	FP-170KM8	FP-204KM8	FP-238KM8
Model of panel	MB-S***G1				MB-S***G3				
Power supply	220V,50Hz,1Ph								
Type	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	
Air volume	H 340	M 280	L 180	H 510	M 430	L 340	H 680	M 570	
Cooling capacity	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	
Heating capacity	H M L	H M L	H M L	H M L	H M L	H M L	H M L	H M L	
Water flow volume	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	
Water pressure dropping	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	
Dimension of water (in & out) connection pipe	ZG3/4"								
Coil	High efficient copper pipe to wear Hydrophilic aluminum coil								
Dimension of water drain pipe	φ25								
Net dimension	Unit: 570*900*255		Unit: 840*940*240		Unit: 840*940*285		Unit: 960*960*290		
Net weight	Unit: 19		Unit: 21		Unit: 24		Unit: 28		



### CEILING FLOOR TYPE FAN COIL

Model	FP-51ZDM	FP-68ZDM	FP-85ZDM	FP-102ZDM	FP-136ZDM	FP-170ZDM	FP-204ZDM	FP-238ZDM
Power supply	220V,50Hz,1Ph							
Type	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube	2 tube 4 tube
Air volume	H 510	M 430	L 340	H 680	M 570	L 430	H 850	M 710
Cooling capacity	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH
Heating capacity	H M L	H M L	H M L	H M L	H M L	H M L	H M L	H M L
Water flow volume	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Water pressure dropping	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Dimension of water (in & out) connection pipe	ZG3/4"							
Coil	High efficient copper pipe to wear Hydrophilic aluminum coil							
Dimension of water drain pipe	φ25							
Net dimension	Unit: 905*673*243				Unit: 1298*673*243			
Net weight	Unit: 26				Unit: 31			



### HIGH WALL FAN COIL UNIT

Model	FP-34BM	FP-51BM	FP-68BM	FP-85BM	FP-102BM
Power supply	220V,50Hz,1Ph				
Type	with valve	with valve	with valve	with valve	with valve
Air volume	H 340	M 280	L 180	H 510	M 430
Cooling capacity	TH SH	TH SH	TH SH	TH SH	TH SH
Heating capacity	H M L	H M L	H M L	H M L	H M L
Water flow volume	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Water pressure dropping	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating	Cooling Heating
Dimension of water (in & out) connection pipe	ZG1/2"				
Coil	High efficient copper pipe to wear Hydrophilic aluminum coil				
Dimension of water drain pipe	φ16				
Net dimension	Unit: 795*285*215		Unit: 990*330*230		Unit: 1080*330*255
Net weight	Unit: 11.2		Unit: 14.5		Unit: 16.5



### UNIVERSAL TYPE FAN COIL UNIT

Model	FP-34LM	FP-51LM	FP-68LM	FP-85LM	FP-102LM	FP-136LM	FP-170LM	FP-204LM	FP-238LM
Power supply	220V,50Hz,1Ph								
Type	High speed								
Air volume	H 340	M 280	L 170	H 510	M 430	L 340	H 680	M 570	L 430
Static pressure	Pa: 12(30)								
Cooling capacity	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH	TH SH
Heating capacity	H M L	H M L	H M L	H M L	H M L	H M L	H M L	H M L	H M L
Noise	12Pa 30Pa	35 39	38 41	40 43	43 45	44 48	45 49	46 50	49 52
Power input	12Pa 30Pa	34 41	41 49	43 59	45 73	48 91	49 118	50 148	52 216
Water flow volume	Cooling Heating	0.31 0.09	0.46 0.14	0.62 0.19	0.77 0.23	0.93 0.28	1.23 0.37	1.54 0.46	1.85 0.58
Water pressure dropping	Cooling Heating	11.8 3.54	8.26 3.54	11.8 6.72	15.68 8.1	27 8.88	29.6 8.88	35.4 10.62	47.8 10.62
Dimension of water (in & out) connection pipe	ZG3/4"								
Coil	High efficient copper pipe to wear Hydrophilic aluminum coil								
Dimension of water drain pipe	φ25								
Net dimension	Unit: 790*235*940		Unit: 940*235*940		Unit: 1020*235*940		Unit: 1140*235*940		Unit: 1290*235*940
Net weight	Unit: 22		Unit: 24		Unit: 25		Unit: 29		Unit: 32

