



风机盘管系列产品

FAN COIL UNIT SERIES PRODUCTS

Company Profile

企业简介

德州远新空调器械设备有限公司成立于2006年3月，占地面积60000平方米。是一家集中央空调、通风设备、CCCF消防排烟等系列产品的设计、生产、销售、服务于一体的综合类企业。是中国制冷学会会员单位，中央空调产业联盟副会长单位，公安部消防产品合格评定中心CCCF认证企业，中国暖通空调生产基地。公司在装备水平，发展空间和整体实力方面都具备了较强的发展潜力，目前已获得1S09001，1S014001，OHSAS18001(质量、环境、职业健康)三大体系认证，获得风机盘管、风幕机全国工业产品生产许可证，获得公安部消防产品合格评定中心颁发的消防产品CCCF认证。拥有各系列主营产品国家级检验报告，安全生产标准化等系列资质。

公司主要经营：空调净化机组、新风换气机、卡式风机盘管、明装风机盘管、超薄壁挂机、水温空调、空气幕、暖风机、CCCF轴流式消防排烟风机、离心式消防排烟风机、隧道风机、地铁风机、边墙风机、防火阀、排烟阀(排烟口)、排烟防火阀及各种风机、风阀、风口、消声器、共板法兰风管等多个品种。

公司秉承“诚信、创新、共赢，内强管理，外拓市场”的经营理念，始终恪守以“不断满足用户需要”为已任，开拓创新，锐意进取，产品凭借可靠的质量，优质的服务和突出的性价比遍布全国各地。公司积极开展创新活动，全面引入现代企业管理模式，依靠雄厚的技术力量，优良的产品质量和全方位的优质服务，在市场竞争中不断壮大。公司拥有一大批行业内的人才，拥有业内最好的产品技术，必将为广大客户量身设计和打造高效、高质的排烟通风工程。

德州远新空调器械设备有限公司正为“远新卓越品质而不懈努力”，我们将延续“集团产业化”平台发展战略。将本着“以信为本、以质获胜”为宗旨以最优质的产品、最完善的服务，愿与社会各界朋友携手合作，共创未来！



Honor Qualifications



Contents

Fan Coil Unit Overview	01
Card type four-side wind luxury	02
Card type four-way out of the ordinary type	04
FP-WA Horizontal concealed series	07
FP-WA Horizontal concealed under the return air	08
FP-WAB Horizontal concealed ultra-thin	09
FP-WM Horizontal wall mounted series	10
FP-LM Vertical mounted series	11
FP-LA Vertical concealed series	12
Unit air conditioning unit	13
Ultra-thin fan coil	15
Wall-mounted fan coil	16
Cabinet type fan coil	17
Fan coil accessories	18
A corner of the factory	19





Fan coil unit

Overview

The fan coil unit is mainly composed of a centrifugal fan, a coil heat exchanger, etc., and is a terminal device of a central air conditioning system. It is widely used in hotels, restaurants, factories, hospitals, exhibition halls, shopping malls and office buildings and other multi-room or large-space industrial and civil buildings air-conditioning occasions to meet the requirements of cooling and dampness, heating, etc., for people to create a fresh, quiet, spring and summer work and living environment.

Features

Safe and reliable, long life

Each coil heat exchanger undergoes pressure leak detection; Intake and outlet pipe (collecting head) adopts forged brass structure, reliable and durable.

All materials are fire-resistant; The motor adopts ultra-low noise rolling bearing, no need for user oil repair, and the service life can reach 35000 hours;

Motor shaft with special treatment without rust.

High efficiency and energy

The coil is made of seamless copper tube, double-flanged aluminum fins with efficient double-flanged aluminum fins are combined into one by mechanical expansion. The combination is tight, the heat transfer efficiency is high, and the cooling capacity is high.

High volume and low noise

Super-wide angle scroll case, steel plate multi-blade centrifugal wind wheel, and the wind wheel and motor can have a variety of priority matching to meet the needs of fan coil unit specifications.

Versatility, light weight

The left and right water inlets of the fan coil structure can be changed in the field to connect the air ducts. The unit power supply capacity of the fan coil unit is leading in the industry.

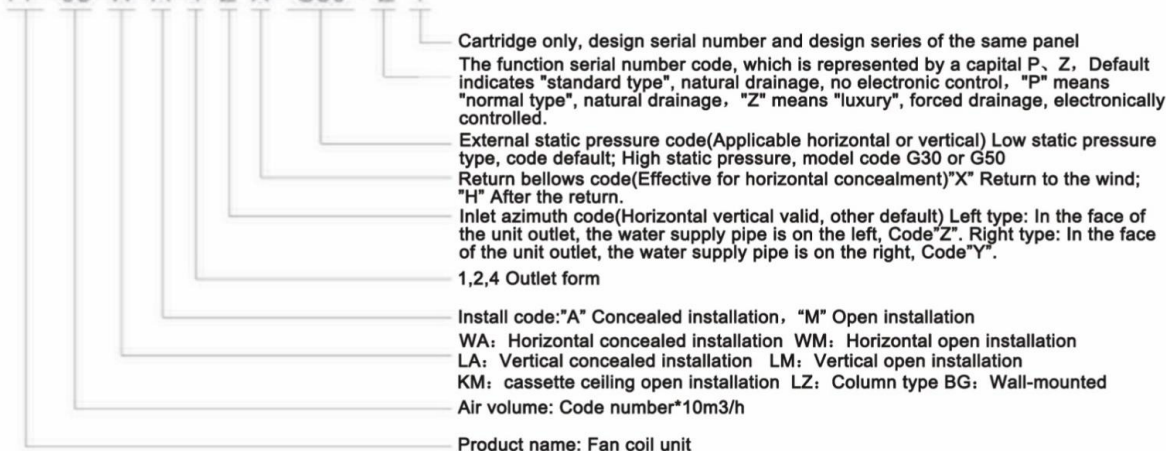
Nice appearance

Concealed sheet metal parts are all made of environmentally friendly non-pollution fingerprint-free board, good appearance, thick zinc layer, long life.

Surface mounted coil housings are all electrostatically sprayed, beautiful and generous.

Product model meaning

FP-68-W-A-4-Z X- G30 - Z I

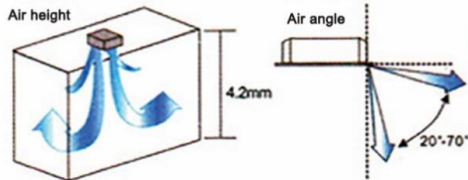




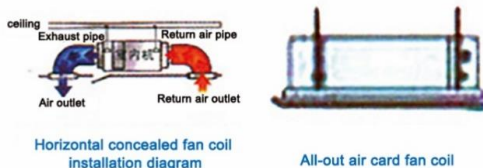
Four way cassette fan coil unit (Luxury)

Luxury features

1. Multi-directional airflow for more uniform application site temperature



2. Ultra-thin body, the thinnest body thickness is only 290mm
 3. Simple installation, saving installation costs.
- Compared to horizontal concealed fan coils, there is no need to install separate inlets and outlets, and there is no need for cumbersome air duct connections and insulation operations.



4. Remote control and line control (Line control is optional), flexible control

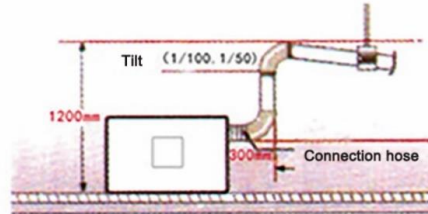


5. Automatic wind
6. Large diameter vortex centrifugal fan, ultra-quiet operation

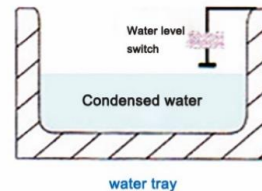


Streamlined large-diameter turbo centrifugal fan with advanced three-dimensional design. High air flow efficiency, large air volume, low noise. Because the hub portion of the fan is processed into a sinusoidal slit type, the flexibility of the fan is improved, the vibration during operation of the fan is greatly reduced, and the noise of the motor caused by fan oscillation is also reduced.

7. High head condensate pump design (1200mm), condensing water pipe layout is more flexible and convenient.



8. Water level switch protection to prevent leaks.

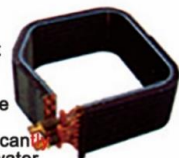


9. Introduce fresh air from outside to improve indoor air quality.

The fresh air inlet can introduce some outdoor fresh air to ensure the quality of indoor air, so that users can enjoy fresh and clean air and reduce the occurrence of air conditioning diseases.



10. The device can assist the air outlet to send some air to other locations, so as to increase the indoor temperature and uniformity of the air flow field.
11. Optional negative ion generator, fresh indoor air.
12. Manually drain water from the water tray. There is a water outlet in the water tray, which can regularly discharge the condensed water that remains in the water tray, thereby reducing the possibility of bacterial growth. At the same time, regular discharge of dirt can reduce the chance of dirty drainage.
13. Optional injury sailor grille.
14. "C" heat exchanger, hydrophilic aluminum foil fins. The "C" heat exchanger helps to improve the uniformity of the air duct and cooling system in the terminal, making the effect of four-sided air flow more balanced and reducing the possibility of system leakage. Hydrophilic aluminum foil fins significantly reduce the retention of condensed water on the aluminum fins, thus reducing wind resistance and improving heat transfer efficiency.





15. Convenient structural design for convenient maintenance of the fan system.

After removing the grille, the winder component of the electrical box can be removed. Since the diameter of the fan is smaller than the foam wind circle, the fan and the motor can be taken out directly.

16. Square panel, according to the actual situation of the site, the direction of installation of the unit connecting pipe can be selected, which greatly facilitates the installation.

17. Panel corner design for easy installation and maintenance.



No need to remove the panel, maintenance is easy. Lightweight wrap angle design simplifies maintenance.

Use the lightweight corners on the four corners of the panel to complete maintenance tasks such as height adjustment without removing the panel.



18. Optional stainless steel hose connection for easy installation.

The unit was first installed with stainless steel soft joints, which continuously reduced the workload of installation work. Because the soft joints and the coils were welded, the water leakage was also reduced.

19. Match 4 regulatory structure



性能参数表

modl			FP-34KM-ZI	FP-51KM-ZI	FP-68KM-ZI	FP-85KM-ZI	FP-102KM-ZI	FP-136KM-ZI	FP-170KM-ZI	FP-204KM-ZI	FP-238KM-ZI
parameter	Unit										
Rated air flow	high	m ³ /h	340	510	680	850	1020	1360	1700	2040	2380
	middle	m ³ /h	280	380	520	660	760	1020	1270	1530	1780
	low	m ³ /h	180	280	340	430	510	680	850	1020	1190
Rated cooling capacity	high	w	1800	2700	3600	4500	5400	7200	9000	10800	12600
	middle	w	1500	2300	3060	3840	4600	6120	7660	9180	10720
	low	w	1350	1760	2350	2930	3510	4670	5850	7020	8190
Rated heating capacity	high	w	2700	4050	5400	6750	8100	10800	13500	16200	18900
	middle	w	2400	3450	4600	5750	6890	9170	11470	13770	16050
	low	w	2150	2460	3520	4290	5260	7020	8780	10550	12270
noise	dB(A)	37/36/34	39/37/35	41/39/37	43/41/39	45/43/39	46/44/40	48/46/42	50/47/45	52/49/46	
power supply			220-240V/1P/50Hz								
Input power	W		37	52	62	7	85	116	130	135	170
Working current	A		0.17	0.24	0.28	0.35	0.39	0.53	0.59	0.61	0.77
control method			Remote or manual								
Water flow	kg/h		360	530	630	780	950	1260	1580	1890	2210
Water resistance	kPa		15	20	25	30	35	40	40	43	50
Working pressure	Mpa		≤1.6								
Number of motors			1								
Fan type			Low noise centrifugal fan								
Inlet and outlet pipes			Rc3/4" (internal thread)								
Condensate pipe	mm		φ26								
Unit size L*W*H	mm		575*575*290			741*741*290			830*830*290		
Unit weight	mm		20	21	22	32	33	34	40	41	42
panel	L*W*H	mm	650*650*35			850*850*38			950*950*40		
	Weight	kg	2.5			4			7		
Lifting installation size	L*W	mm	625*275			790*340			880*380		

- The rated air volume is the air volume with an outlet static pressure of 0Pa.
- Cold condition parameters: Inlet air dry bulb temperature 27℃, Wet bulb temperature 19.5℃, Water temperature 12℃.
- Heating condition parameters: Inlet air dry bulb temperature 20℃, Inlet temperature 60℃.



Four way cassette fan coil unit (Ordinary)

Features



1. Natural drainage, no control panel, water pump and other wearing parts, more reliable operation.
2. Multi-directional air flow, making the temperature field of the application site more uniform.
3. No separate installation of air inlets and outlets and no need for tedious duct connections and insulation.
4. Large diameter vortex centrifugal fan, ultra-quiet operation.
5. With manual transverse air deflectors to adjust the distribution of air flow in all directions.
6. Optional remote control, automatic swing.
7. Can introduce new wind.
8. Optional injury hand grill.
9. Convenient structural design for convenient maintenance of the fan system.
10. Square panel, according to the actual situation of the site, the direction of installation of the unit connecting pipe can be selected to facilitate the installation.
11. Panel corner design for easy installation and maintenance.
12. Optional stainless steel hose connection for easy installation.

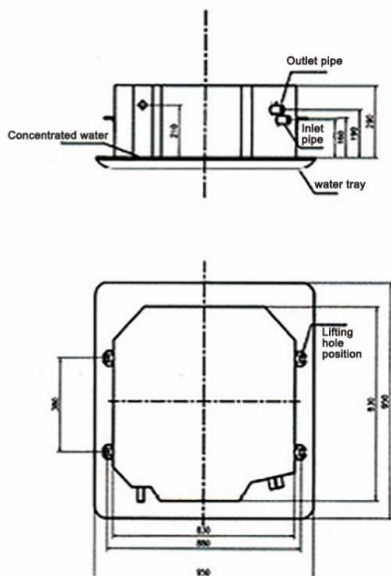
Performance parameter table

model		FP-34KM-ZI	FP-51KM-ZI	FP-68KM-ZI	FP-85KM-ZI	FP-102KM-ZI	FP-136KM-ZI	FP-170KM-ZI	FP-204KM-ZI	FP-238KM-ZI	
parameter	Unit										
Rated air flow	high	m ³ /h	340	510	680	850	1020	1360	1700	2040	2380
	middle	m ³ /h	280	380	520	660	760	1020	1270	1530	1780
	low	m ³ /h	180	280	340	430	510	680	850	1020	1190
Rated cooling capacity	high	w	1800	2700	3600	4500	5400	7200	9000	10800	12600
	middle	w	1500	2300	3060	3840	4600	6120	7660	9180	10720
	low	w	1350	1760	2350	2930	3510	4670	5850	7020	8190
Rated heating capacity	high	w	2700	4050	5400	6750	8100	10800	13500	16200	18900
	middle	w	2400	3450	4600	5750	6890	9170	11470	13770	16050
	low	w	2150	2460	3520	4290	5260	7020	8780	10550	12270
noise	dB(A)	37/36/34	39/37/35	41/39/37	43/41/39	45/43/39	46/44/40	48/46/42	50/47/45	52/49/46	
power supply		220-240V/1P/50Hz									
Input power	W	37	52	62	7	85	116	130	135	170	
Working current	A	0.17	0.24	0.28	0.35	0.39	0.53	0.59	0.61	0.77	
control method		Natural drainage type, Optional remote or manual									
Water flow	kg/h	360	530	630	780	950	1260	1580	1890	2210	
Water resistance	kPa	15	20	25	30	35	40	40	43	50	
Working pressure	Mpa	≤1.6									
Number of motors		1									
Fan type		Low noise centrifugal fan									
Inlet and outlet pipes		Rc3/4" (internal thread)									
Condensate pipe	mm	φ26									
Unit size L*W*H	mm	575*575*290			741*741*290			830*830*290			
Unit weight	mm	24	25	26	35	38	39	45	46	47	
panel	L*W*H	650*650*35			850*850*38			950*950*40			
	Weight	2.5			4			7			
Lifting installation size	L*W	625*275			790*340			880*380			

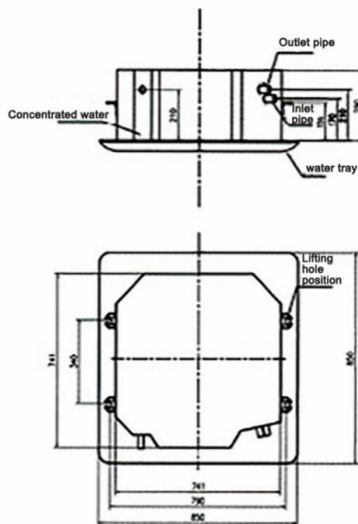
1. The rated air volume is the air volume with an outlet static pressure of 0Pa.
2. Cold condition parameters: Inlet air dry bulb temperature 27°C, Wet bulb temperature 19.5°C, Inlet temperature 7°C, Water temperature 12°C.
3. Heating condition parameters: Inlet air dry bulb temperature 20°C, Inlet temperature 60°C.



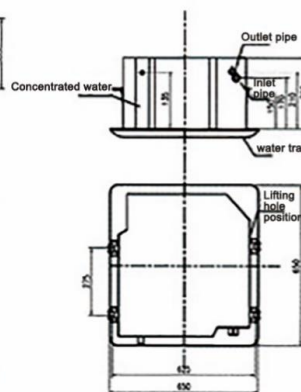
Luxurious unit technical dimensions



Apply to FP-170 (204, 238) KM-ZI

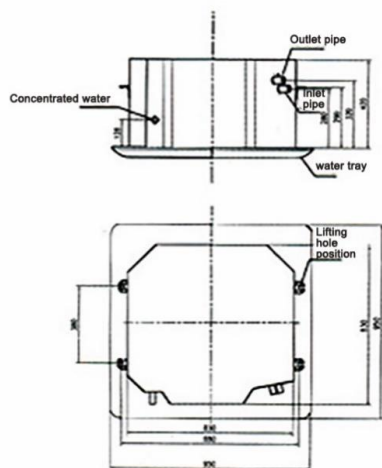


Apply to FP-85 (102, 136) KM-ZI

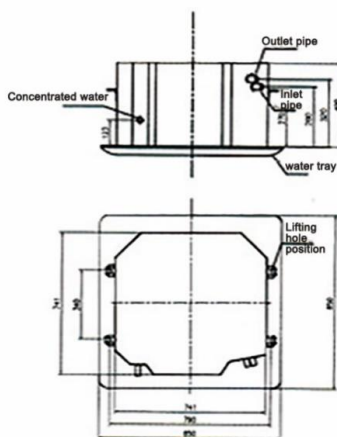


Apply to FP-34 (51, 68) KM-ZI

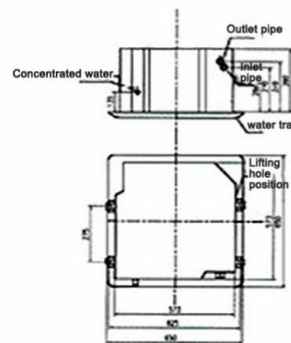
Ordinary unit technical size



Apply to FP-170 (204, 238) KM-PI



Apply to FP-85 (102, 136) KM-PI



Apply to FP-34 (51, 68) KM-PI



Technical performance

Technical performance parameters(GB19232-2003)

performance		Model	FP-34	FP-51	FP-68	FP-85	FP-102	FP-136	FP-170	FP-204	FP-238
Rated air flow	H		340	510	680	850	1020	1360	1700	2040	2380
	M		260	390	510	640	770	1020	1280	1530	1790
	L		170	260	340	430	510	680	850	1020	1190
Rated cold	H		1.8	2.7	3.6	4.5	5.4	7.2	9	10.8	12.6
	M		1548	2322	3096	3870	4644	6192	7740	9288	10836
Rated heat	H		2.7	4.05	5.4	6.75	8.1	10.8	13.5	16.2	18.9
	M		2322	3483	4644	5805	6966	9288	11610	13932	16254
Input power	12Pa	H	37	52	62	76	96	134	152	189	228
	30Pa	M	44	59	72	87	108	156	174	212	253
	50Pa	L	49	66	84	100	118	174	210	250	300
Noise	12Pa	H	34	36	38	40	42	43	45	47	49
	30Pa	M	37	39	41	43	44	45	47	49	51
	50Pa	L	39	41	43	45	46	47	49	51	53
Water volume			350	510	660	800	980	1280	1600	1920	2230
Water resistance			30	30	30	30	40	40	40	40	50
Number of fans			1	2			3		4		
Weight	WA		17	18	19	22	26	39	43	49	52
	Bring back bellows		20	22	23	27	30	44	48	54	58
Water inlet and outlet pipe			3/4" internal thread								
Condensate pipe			3/4" External thread								
Power			220V/50Hz								
Note			<p>1. Condition parameters for cooling: The dry air temperature of the inlet air is 27°C, the wet bulb temperature is 7°C, and the water temperature is 5°C.</p> <p>2. Parameters for heat conditions: Inlet air dry bulb temperature 21°C, inlet water temperature 60°C, hot water flow with cooling conditions.</p> <p>3, the unit through the 2.0MPa pressure test, allowing the maximum working pressure 1.6MPa.</p> <p>4, there are four control (one plus two, two plus two, three plus one) unit.</p>								



FP-WA Horizontal concealed series

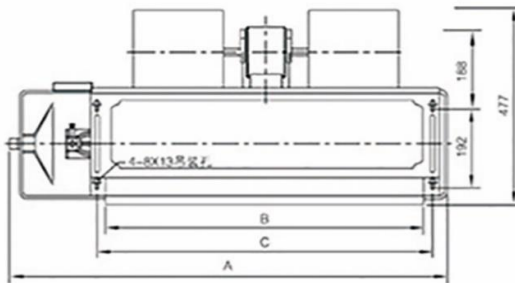
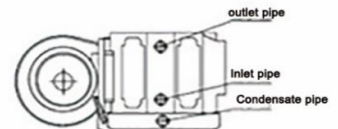
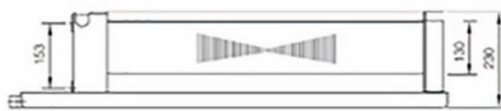
Features

This unit has a particularly low profile and can be ideally placed in the ceiling. Combined with interior decoration and air outlets, it is an ideal air-conditioning device for hotels, restaurants and other offices.

1. Fan: The use of brand-name fans, stable quality, reliable quality, routine branch balance precision debugging.
2. Condensate tray: High-grade tensile plate, surface spray treatment, smooth gloss, corrosion resistance, anti-rust. One-time stamping process, no welding gaps, solder joints. The overall insulation treatment, the insulation layer does not rise, does not fall off, completely avoid the second drip of the condensate tray. Bidirectional guide flow slope design, condensate water outlet speed, no water, effectively reduce the bacterial growth rate. Oversized condensate tray design eliminates dripping condensation on the surface cooler and inlet and outlet connections.
3. Cooler: High-quality copper pipe, with high heat transfer efficiency, high toughness, high hardness, etc., can withstand high water pressure, especially for the use of high-rise buildings. The fin spacing is improved by computer simulation and optimization design combined with test feedback. The heat exchange area is sufficient, the air outlet is smooth, and the heat exchange efficiency is high.
4. Optional air return box to reduce operating intensity and reduce construction costs.
5. Model complete: Air volume range:340-2380m³/h, Contains nine model specifications.
6. High efficiency: Efficient heat exchanger and large air volume centrifugal fan to improve the heat transfer effect of the unit.
7. Symmetrical design, easy installation: Symmetrical design, can be changed according to the actual needs of the installation direction.



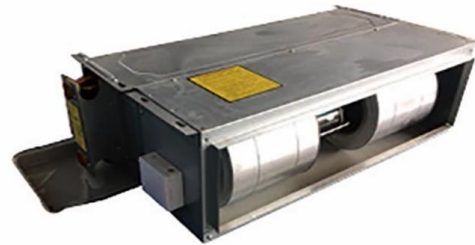
Horizontal concealed series size drawing



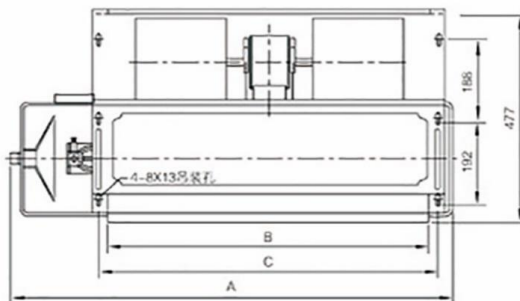
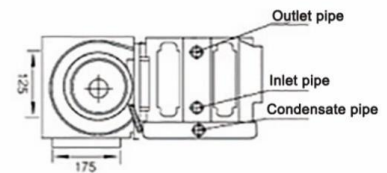
Size	Model	FP-34WA	FP-51WA	FP-68WA	FP-85WA	FP-102WA	FP-136WA	FP-170WA	FP-204WA	FP-238WA
A		750	850	950	1050	1150	1350	1650	1850	2050
B		460	580	650	780	900	1100	1360	1560	1700
C		490	610	680	810	930	1130	1390	1590	1730



FP-WA Horizontal concealed, lower back air



Horizontal concealed, lower rear return air size

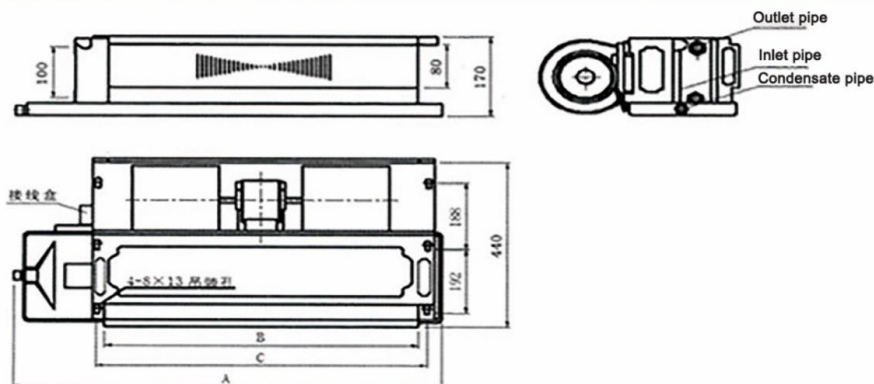


Size \ Model	FP-34WA	FP-51WA	FP-68WA	FP-85WA	FP-102WA	FP-136WA	FP-170WA	FP-204WA	FP-238WA
A	750	850	950	1050	1150	1350	1650	1850	2050
B	460	580	650	780	900	1100	1360	1560	1700
C	490	610	680	810	930	1130	1390	1590	1730



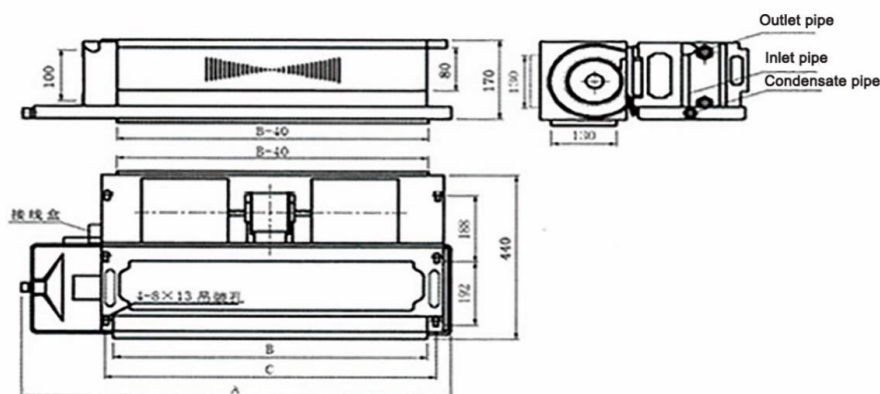
FP-WAB Horizontal concealed ultra-thin series

Horizontal concealed ultra-thin series size



Size	Model	FP-34WAB	FP-51WAB	FP-68WAB	FP-85WAB	FP-102WAB	FP-136WAB	FP-170WAB	FP-204WAB
A		850	950	1050	1150	1350	1650	1850	2050
B		580	650	780	900	1100	1360	1560	1700
C		610	680	810	930	1130	1390	1590	1730

FP-WAB Horizontal concealed ultra-thin series, lower back air series size



Size	Model	FP-34WAB	FP-51WAB	FP-68WAB	FP-85WAB	FP-102WAB	FP-136WAB	FP-170WAB	FP-204WAB
A		850	950	1050	1150	1350	1650	1850	2050
B		580	650	780	900	1100	1360	1560	1700
C		610	680	810	930	1130	1390	1590	1730



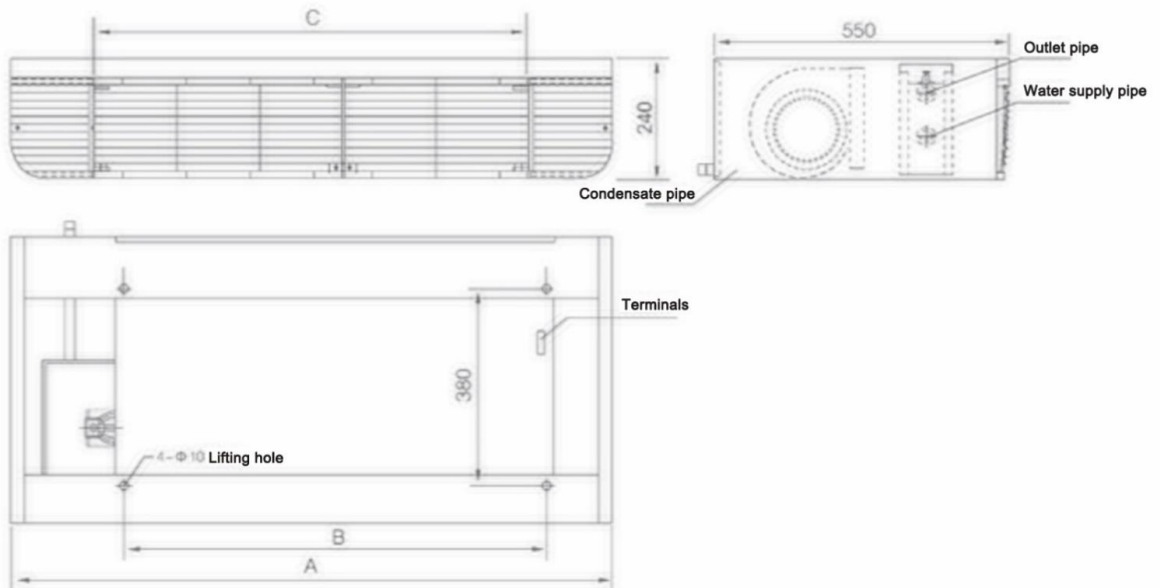
FP-WM Horizontal open installation series

FP-WM Horizontal open installation series features

It can be installed in any position under the ceiling, does not occupy any indoor area, is easy to install, and the shell is coated with electrostatic spraying, which can be commensurate with the interior decoration. It can be applied to the air-conditioning adjustment and reconstruction of old buildings, and can reduce pipelines and save costs.



Horizontal wall mounted series size drawing



Size \ Model	FP-34WM	FP-51WM	FP-68WM	FP-85WM	FP-102WM	FP-136WM	FP-170WM	FP-204WM	FP-238WM
A	770	920	990	1140	1220	1430	1650	1870	2020
B	470	620	660	780	910	1090	1360	1560	1720
C	440	590	660	810	890	1100	1320	1540	1690



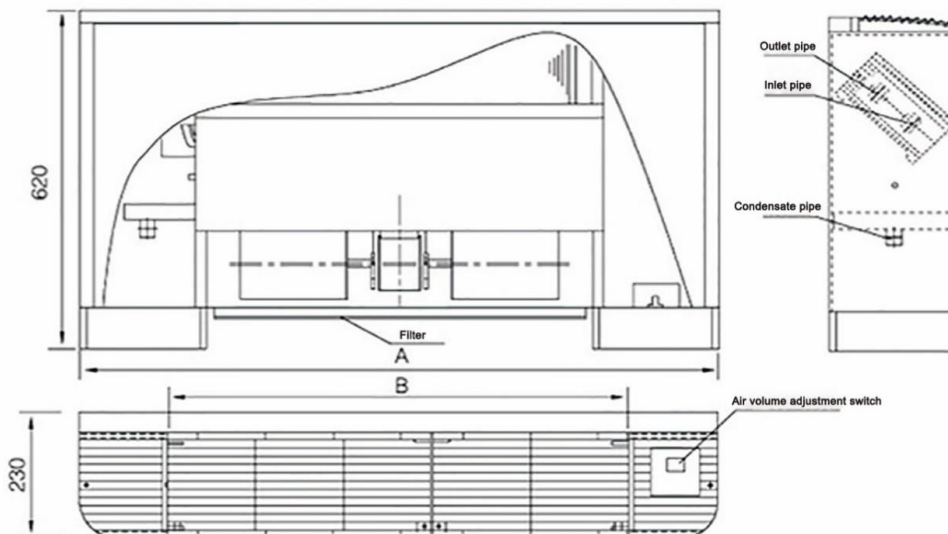
FP-LM Vertical open installation series

FP-LM Vertical open installation series features

The surface of this unit is electrostatically sprayed. The color is elegant and the appearance is beautiful. It can be directly placed on the indoor floor, matches the interior decoration, easy to disassemble and maintain, and has reliable performance.



FP-LM Vertical open installation series size



Size	Model	FP-34LM	FP-51LM	FP-68LM	FP-85LM	FP-102LM	FP-136LM	FP-170LM	FP-204LM	FP-238LM
A		700	920	990	1140	1220	1430	1650	1870	2020
B		470	620	660	780	940	1090	1360	1560	1720



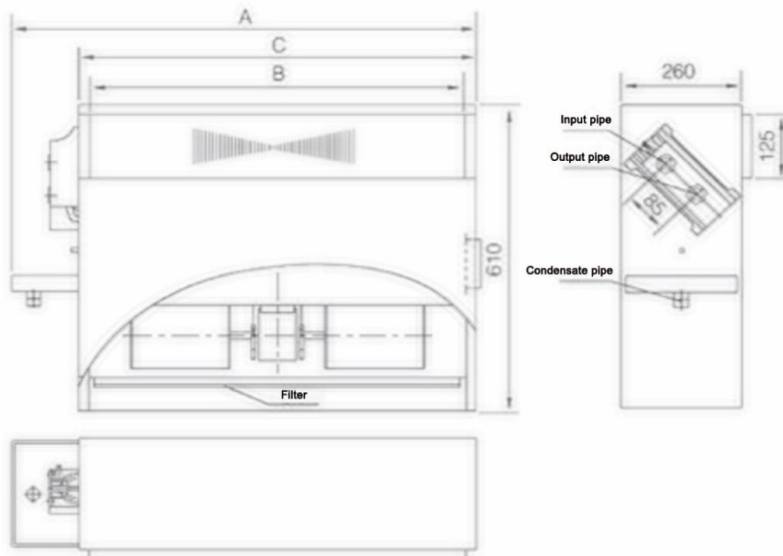
FP-LA Vertical concealed installation series

FP-LA Vertical concealed installation series features

This machine body is ultra-thin, does not occupy the effective space, the thickness is only 240mm, can be arranged under the window, in the wall or a recess in the decorative plate, there are two forms of upper and lower air, suitable for meeting rooms, halls or stadiums and other places.



FP-LA Vertical concealed installation series size



Size \ Model	FP-34LA	FP-51LA	FP-68LA	FP-85LA	FP-102LA	FP-136LA	FP-170LA	FP-204LA	FP-238LA
A	610	750	820	950	1070	1270	1530	1730	1870
B	460	580	650	780	900	1100	1360	1560	1700
C	520	640	710	840	960	1160	1420	1620	1760



Unit air conditioning unit series

Unit air conditioning unit features

1. Multi-directional airflow for more uniform application site temperature.
2. Ultra-thin body, body thickness is only 290mm. Suitable for places with high ceiling space.
3. Remote control and line control(Line control is optional), the control method is very flexible.
4. Automatic wind
5. Large diameter vortex centrifugal fan, silent operation.
6. Water level switch protection to prevent leaks.
7. Can introduce new wind.
8. The condensate in the water tray can be manually excluded, thereby reducing the possibility of bacterial growth, while the regular discharge of dirt can reduce the risk of contamination of the water pump.
9. No separate installation of air inlets and outlets, and no need for cumbersome air duct connections and insulation.
10. Convenient structural design for convenient maintenance of the fan system.
11. Square panel, according to the actual situation of the site, the direction of installation of the unit connecting pipe can be selected, which greatly facilitates the installation.
12. Panel corner design for easy installation and maintenance.
13. 2HP and below indoor unit size is only 570mm * 570mm, can be easily installed in a standard ceiling.
14. Auxiliary air outlet.
15. Optional PC intelligent control scheme.
16. Optional negative ion generator, fresh indoor air.
17. Optional prevent hand grill.
18. Optional Power distribution auxiliary heating.

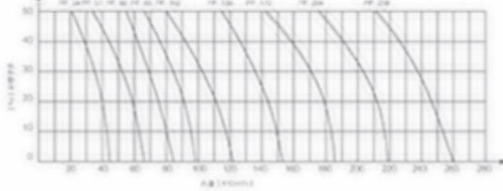
Technical Parameters

Model	KF(R)-36QW/(D)Y-Z1	KF(R)-36QW/(D)Y-Z1	KF(R)-71QW/(D)Y-Z1	KF(R)-71QW/(D)Y-Z1	KF(R)-100QW/(D)Y-Z1	KF(R)-120QW/(D)Y-Z1	
Power supply	220V-50Hz 1Ph	220V-50Hz 1Ph	220V-50Hz 1Ph	380V-50Hz 3Ph	380V-50Hz 3Ph	380V-50Hz 3Ph	
Cooling capacity(W)	3600	3600	7100	7100	10000	12000	
Heating capacity(W)	3800	3800	7200	7800	11000	13000	
Rated cooling power(W)	1350	1350	2450	2650	3800	4500	
Rated heating power(W)	1300	1300	2400	2600	3800	4500	
Electric auxiliary heat rated power(W)	700	700	1700	1700	2500	2500	
Indoor circulation air volume(m ³ /h)	630	630	1300	1300	2600	1700	
Indoor residual pressure(Pa)	0	0	0	0	0	0	
Indoor noise dB(A)	42	42	47	47	49	50	
Indoor unit weight(kg)	22	22	33	33	40	40	
Indoor machine size (Length * width * height) (mm)	575*575*290	575*575*290	741*741*290	741*741*290	830*830*290	830*830*290	
Panel weight(kg)	2.2	2.2	6	6	6	6	
Panel dimensions (Length * width * height) (mm)	650*650*35	650*650*35	850*850*38	850*850*38	950*950*40	950*950*40	
Outdoor noise dB(A)	52	52	56	58	60	62	
Outdoor unit weight (kg)	36	36	72	75	86	120	
Outdoor machine size (Length * width * height) (mm)	760*255*525	760*255*525	890*300*860	890*300*860	960*410*930	960*340*1243	
Pipe specification	Liquid side (mm)	6.35	6.35	9.52	9.52	9.52	9.52
	Gas side (mm)		12.7	15.88	15.88	19.05	19.05

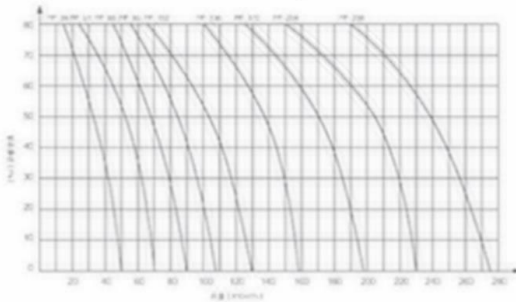


High hydrostatic machine performance

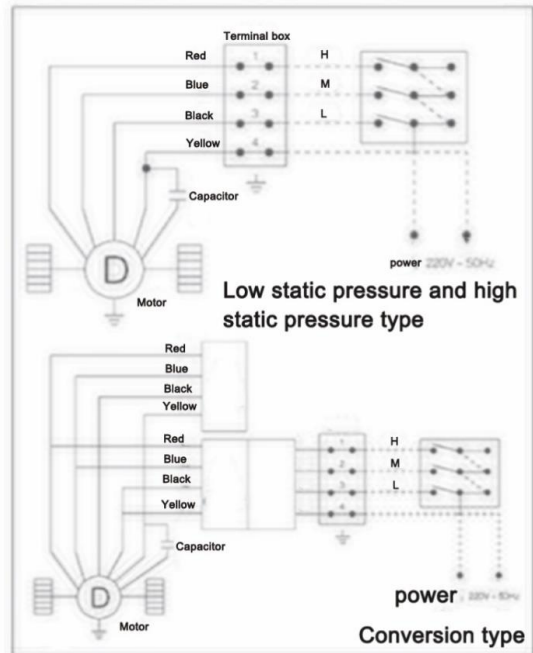
High static pressure 30Pa unit outlet static pressure and air volume performance curve



High static pressure 30Pa unit outlet static pressure and air volume performance curve



Fan coil unit control principle



Installation and use instruction

- The floor standing type must be installed on the horizontal ground, keeping vertical direction ; The 4 points of the horizontal type must be kept horizontal, in order to prevent the spilling of the condensed water.
- Valves should be installed on the water in and out pipes, so it will be easily checked and repaired. And you should pay attention to the cleaning and heat preservation for the in and out pipes. The plastic pipe of the condensed water must not be flattened and have dog legs to ensure the condensed water pipe unblocked.
- The 3 speeds adjusting switch must be started from high speed to low speed. The machine must be controlled individually.
- Ground lead must be installed on the shell of the machine. If it is difficult to start the machine, please check the power source, and affirm that if the fan and volute are touched or not. Pay attention to the shell when the machine is installed. Do not destroy the fins of the heating exchanger and fans, which will result in not beautiful.
- The temperature of the chilled water must not be lower than 7 °C. The water must be softened before using.
- The rated maximum pressure is 1.6 MPa.
- The filter should be cleaned at fixed period.
- Clear the heat exchanger at fixed period to keep cleaning and ensure good performance.
- After power on, starting the fan to check its direction of rotation.
- If the machine is concealed installed, checking window should be reserved so as to maintained year by year.
- Power dump, when repairing.

Order guide

- Please ensure the specification and the location of the in and out pipe.
- When you need wind back box for the horizontal concealed installation fan coils, please give clear indication of wind back direction of the box.
- There are 3 kinds of the horizontal concealed installation fan coil units such as low, medium and high static pressure , please give clear indication of the static pressure , if not, we will afford the low pressure kind.
- Any special requirements can be indicated in the technical contract before ordering.



Ultra-thin fan coil



Type		68LM	85LM
Performance			
Air volume (m ³ /h)		680	850
Cooling capacity (W)		3600	4500
Heating capacity (W)		5400	6750
Noise (db) A		< 45	< 48
Chilled water temperature of inlet/ outlet		7 - 12°C	
Hot water temperature of inlet/ outlet		60 - 50°C	
Power source (V/Hz)		220V/50Hz, 110V/60Hz	
Pipe dimension of inlet/ outlet		ZG 3/4"	
Adopt area (m ²)		20-25	25-30
Boundary dimension (mm)	2016 Type	850×110×600	970×110×605
	2017 A - 68	915×110×520	
	2017 A - 68		920×120×550
	2018 Type	950×570×130	1050×130×570
	Concealed	950×130×585	950×130×585
Carton dimension (mm)	2016 Type	920×150×630	1050×160×680
	2018 Type	980×150×600	1070×150×600
	Concealed	980×160×600	1000×160×600
Input power (W)		18	20



Wall-mounted fan coil



Performance		Type	FP-68BG	FP-85BG	FP-102BG
		Air volume (m ³ /h)	H	630	800
	M	520	600	780	
	L	400	510	600	
Cooling capacity	H	3010	3870	4560	
	M	2580	3010	3440	
	L	2060	2410	2750	
Heating capacity	H	4510	5800	6840	
	M	3870	4510	5160	
	L	3100	3610	4130	
Noise db (A)		≤45	≤48	≤48	
T of chilled water		7? to 12?			
T of hot water		60? to 50?			
Power source		220V /50Hz, 110V/60Hz, AC			
Water pipe		ZG 3/4"			
Dimension (mm)		900×170×300	1045×185×300	1080×215×300	
Adopted area (m ²)		20	25	30	
Carton box (mm)		1000×260×360	1100×260×360	1200×260×360	
Input power (W)		20	25	30	



Cabinet type fan coil



Performance \ Type		60 Holes	72Holes	90 Holes	120 Holes	168 Holes	10 HP
		Air volume (m ³ /h)	H 1100 M 900 L 600	1400 1200 900	1700 1500 1200	2000 1740 1420	2500 2100 1700
Cooling capacity	H 5400 M 5000 L 4000	6360 5500 4300	7300 6280 5160	10000 9000 7000	12500 11250 8750	25000	
Heating capacity	H 8100 M 7300 L 6100	9550 8260 6450	10960 9420 7740	15000 12000 10000	18800 15500 13000	35000	
Noise db (A)		47	50	56	56	56	55
T of chilled water	7°C to 12°C						
T of hot water	60°C to 50°C						
Power source	220V /50Hz, 110V/60Hz, AC						
Water pipe	ZG 3/4"						
Dimension (mm)	500×285×1750	600×380×1900	600×380×1900	600×380×1900	600×380×1900	1180×400×1830	
Adopted area (m ²)	30-40	40-50	50-60	60-70	100-110	130	
Carton box (mm)	530×320×1770	620×410×1920	620×410×1920	620×410×1920	620×410×1920	1200×450×1860	
Input power (W)	100	150					

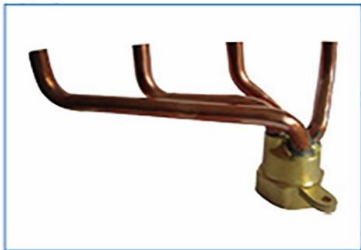


Fan coil accessories

Temperature control switch



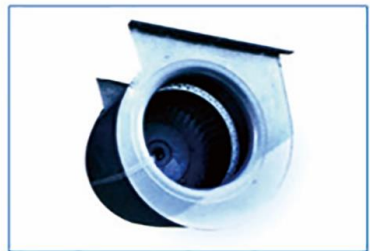
Stainless steel soft joint, water head



Ball valve

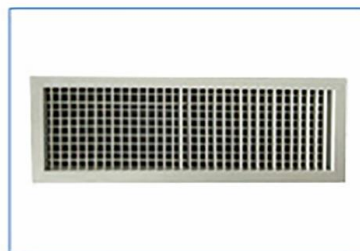


Volute

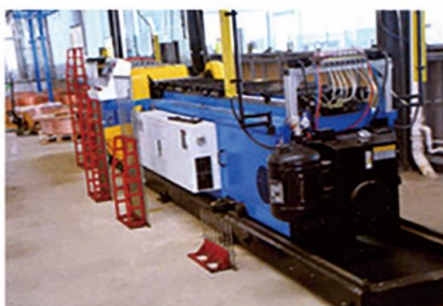




Air outlet series



Factory scene





诚信铸就品质|创新引领未来
CREDIT QUALITY CAST | INNOVATION TO LEAD THE FUTURE