Yilaide

Taizhou Yilaide Air Conditioning Equipment Co., Ltd.

Company Introduction

Established in 2004, Taizhou Yilaide Air Conditioning Equipment Co.,Ltd, is one of the professional manufacturers which specialized in the production of Central Air-Conditioner and terminal units. Yilaide participates in drafting the national standard of the fan-coil unit in China.

Yilaide is located in Taizhou City, Zhejiang, China, with 20,000m2 factory. The company has many equipments like laser cutting machines, plastic injection machines, CNC machines, fin press and coil production machines, assembly lines and many other machines for sheet metal process. Yilaide developed an high-performance enthalpy difference testing lab, it's not only for Yilaide use but also for customers use.

The company adhering to the concept of development of "dedicated in the heart, diligence in line", and always follow the technology as the guide to ensure quality, energy conservation and environmental protection as a fundamental to continuous innovation. Yilaide produces13 series products which including ceiling cassette units, ceiling concealed units, universal units and high static pressure fan coils. water system, refrigerant system, 2-pipe system, 4-pipe system and so on. Many of the products have been granted the national patents and more than 80% has independent intellectual property rights.

Yilaide has implemented overall quality management and has complete quality assurance system. Every step of production is carried out according to the standards and inspected by Technical Supervision Department. We focus on high quality products and doing OEM for many customers in China and over the world. We take price in servicing our customers and stick to the four principles of business integrity, business-focusing, win-win cooperation, pioneering and innovation. It is our goal to gain the trust and supports of our customers by providing quality products and superior service and fair competition.

2004

Yilaide®
Established

2009

Airsun Trading Company

2010

ISO9001-2000

2011

Acquired a tooling company

2012

Start to build a new factory

2013

Patent for floor convector

2014

Move to the new factory

2015

1-way slim type cassette unit

2017

Start heat pump business

2018

360 degree round cassette unit

2019

8-way cassette FCUs

2020

New teyp ceiling concealed FCUs

2022

Moved to the new factory

COMPANY CERTIFICATES


全国工业产品生产许可证
（副　本）
台州市亿莱德空调设备有限公司
经审查，你单位生产的下列产品符合取得生产许可证条件，特发此证。
产品名称：制冷设备(明细附后)
住　　所：台州市椒江区海门街道群辉村
生产地址：浙江省台州市椒江区海门街道群辉村
证书编号：XK06-015-01682
有效期至：2021年02月28日
2016 年 03 月 01 日


高新技术企业
证书
企业名称：台州市亿莱德空调设备有限公司
证书编号：GR201733001756
发证时间：2017年11月13日
有 效 期：三年
批准机关：


市级高新技术研究开发中心
证书
名　　称：亿莱德先进空调设备
市级高新技术研究开发中心
依托单位：台州市亿莱德空调设备有限公司
文 件 号：台科[2017]35号
编　　号：TZYFZX2017012
台州市科学技术局
2017年7月


台州市级高新技术企业证书
经认定，台州市亿莱德空调设备有限公司
为台州市级高新技术企业
批准文号：台科[2017]40号
台州市科学技术局
2017年7月
TZGXQY2017024


浙江省科技型中小企业
证书
企业名称：台州市亿莱德空调设备有限公司
证书编号：20163310000235
浙江省科学技术厅


北京中物联联合认证中心
质量管理体系认证证书
注册号：06516Q20451ROM
台州市亿莱德空调设备有限公司
GB/T19001-2008/ISO 9001：2008
空调风机盘管机组的生产及其售后服务（资质范围内）
CNAS
IAF

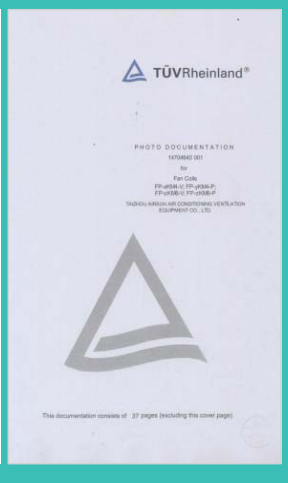

发明专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


TÜVRheinland®
PHOTO DOCUMENTATION


检 验 报 告
Inspection Report
合肥通用机电产品检测院


椒江区2016年度
科技型企业
台州市椒江区人民政府
二〇一六年八月

Yilaide®

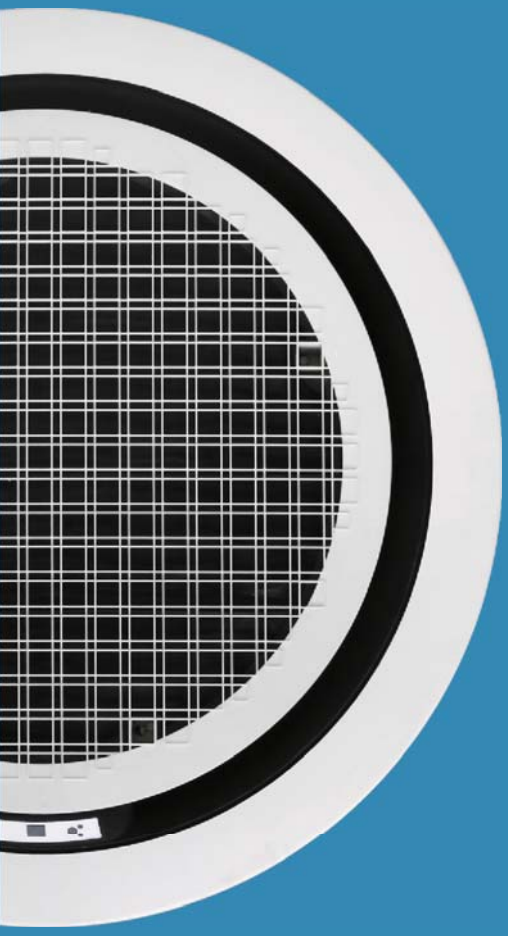
Product Contents

FAN COIL UNIT-for water system

Refrigerant Indoor Unit

FAN COIL UNIT

- for hot/chilled water systerm



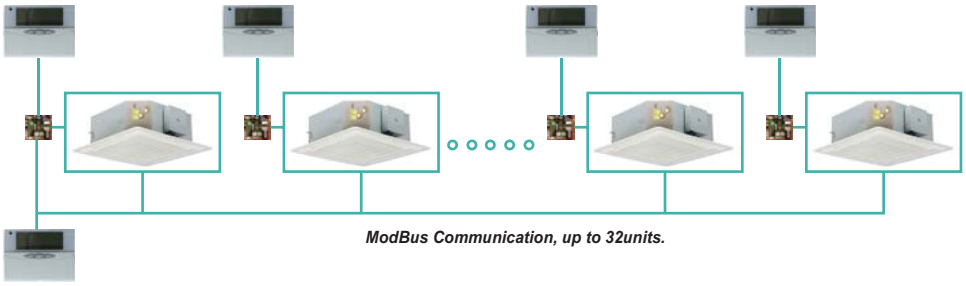
Nomenclature

FP □ □ □ □ □ □ □ □

- ESP
  Default: Low static pressure FCU
  G+ESP value: High static pressure FCU
- Motor Type
  Default: AC motor
  YC: Permanent magnet synchronous motor
- 2(coil rows): 2-pipe system with coil rows
  4(coil cooling+ heating rows) : 4-pipe system
- Left type or right type
  Z: Left type - Viewing from the air outlet, water pipe is located at the left side
  Y: Right type - Viewing from the air outlet, water pipe is located at the right side
- Installation type
  M: Open installation FCUs
  A: Concealed installation FCUs
- Structure type
  W: horizontal
  L: Vertical
  K: Cassette
- Specifications
  Rated air flow rate (m^3/h)÷10
- Application
  Default: General type
  G: Dry type
  R: Heating only
- Product Code(FP)

Master-slave network control *--- optional for cassette fan coil unit*

The Master-slave network control system offers the possibility to control the fan coil unit together:
In this way, it can use wire wall pad or wireless remote control and PCB together to control all the FCUs. One group can control at most 32 pcs of FCUs.



ModBus Communication, up to 32units.

There are two methods to use the master-slave network control function, one is by remote controller, and the other is using wire wall pad.

360° Round Cassette FCU

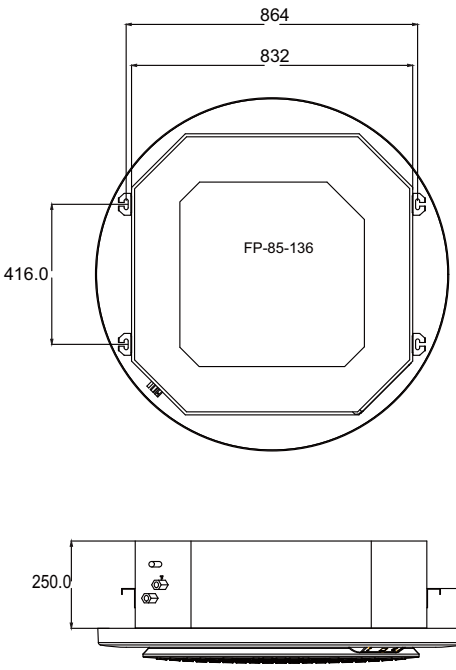
AC
EC Optional

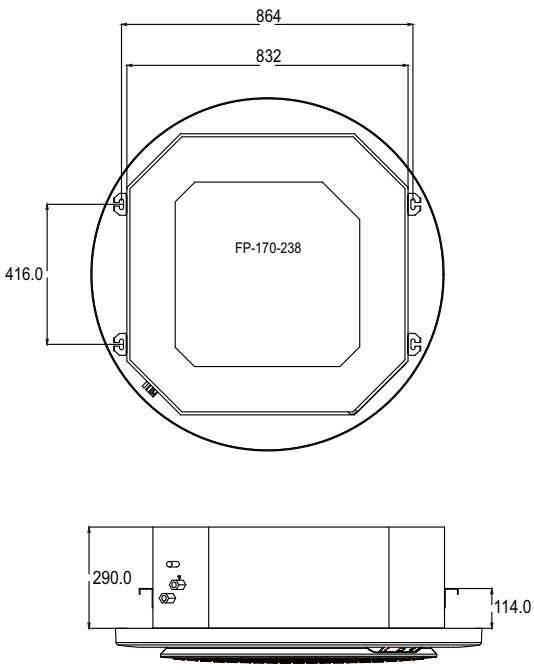
Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. RS485 ModBus, master-slave network control-Optional

Dimensions:

Unit: mm





Design Features

Round Cassette with an innovative 360° airflow ensures optimal air conditioning which also eliminates dead zones. 360 degree directional wind coming out from circular heat exchanger can deliver air evenly throughout every corner in any space.

Unit Body

Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly-with digital LED display

Aesthetic panel design, in ABS material with synthetic washable and removal air filter and equipped with digital LED display.

Plastic Wheel-Quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors.

Fresh air intake

Fresh air intake is standard for the unit

Circular Heat Exchanger

High efficiency circular coil are made of copper tubes and high exchange surface area aluminum blue fins.

Condensate Drain Pan

In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch

700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Air Flow: 500 ~ 1400cfm
Cooling Capacity: 4.5KW ~12.6KW

Model: FP-*KMY-V/A				FP-85KMY-V/A	FP-102KMY-V/A	FP-136KMY-V/A	FP-170KMY-V/A	FP-204KMY-V/A	FP-238KMY-V/A
CFM				500	600	800	1000	1200	1400
Air Flow Rate		H	m^3/h	850	1020	1360	1700	2040	2380
		M	m^3/h	640	790	1030	1290	1500	1800
		L	m^3/h	430	520	690	860	1030	1200
Cooling	Total Capacity	H	KW	4.5	5.6	7.0	9.1	10.8	12.6
		M	KW	4.2	4.3	5.7	7.9	8.6	10.0
		L	KW	3.0	3.6	4.5	6.0	6.8	8.0
	Sensible Capacity	H	KW						
		M	KW						
		L	KW						
	Water flow rate		l/h	780	970	1260	1710	1920	2160
	Water pressure drop		kPa	16	18	19	17	19	22
Heat	Heating Capacity	H	KW	7.0	8.4	11.2	13.9	16.7	19.5
		M	KW	6.3	6.5	8.5	12.0	12.6	15.6
		L	KW	5.0	5.2	6.7	9.0	10.2	12.0
Power supply				220~240V/1PH/50Hz(or 60HZ)					
Power Input			W	76	96	132	152	189	220
Sound pressure			dB(A)	31	36	46	51	50	52
Fan	Type			Centrifugal Fan					
	Model			Ø450*138	Ø450*138	Ø450*138	Ø476*169	Ø476*169	Ø476*169
	Quantity		Nr.	1	1	1	1	1	1
Motor	Type			3-speed Motor					
	Quantity		Nr.	1	1	1	1	1	1
Coil	Coil Rows		Nr.						
	Max. working pressure		MPa	1.6					
	Tuber Diameter		inch	3/8"					
Dimensions	Unit body		mm	835X835x255			835X835x290		
	Panel assembly		mm	1100x105			1100x105		
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"					
	Condensate discharge		mm	26					
Weight(with feet, with casing)			kg	25	25	25	34	34	34

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

2-pipe 4-way Cassette - C series

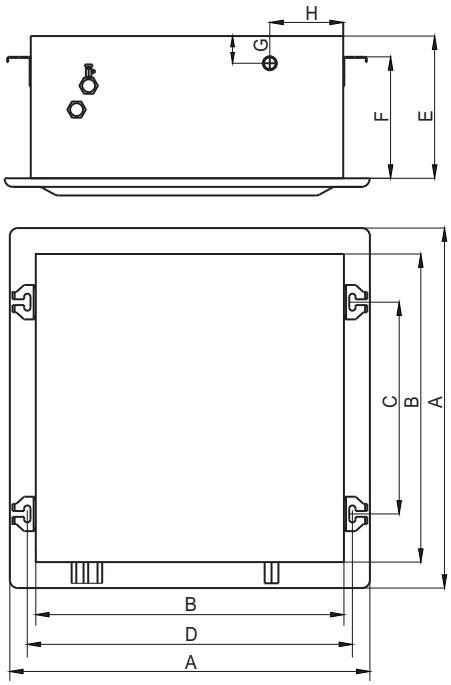
AC
EC Optional

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. PCB cab be built-in or external

Dimensions:

Unit: mm



Dim.	FP-34KM4-V/C FP-51KM4-V/C FP-68KM4-V/C FP-80KM4-V/C	FP-85KM4-V/C FP-102KM4-V/C FP-136KM4-V/C	FP-170KM4-V/C FP-204KM4-V/C FP-238KM4-V/C
A	680	830	980
B	582	712	827
C	400	544	655
D	614	744	859
E	265	290	290
F	255	220	220
G	51	89	88
H	137	142	146

Design Features

Suitable for hot/chilled water system, ceiling installation

Unit Body
Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly
Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic Wheel-Quite running
One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors.

Fresh air intake
Fresh air intake is standard

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan
In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Air Flow: 200 ~ 1400cfm
Cooling Capacity: 2.0KW~12.6KW

Model: FP-*KM4-V/C				FP-34KM4-V/C	FP-51KM4-V/C	FP-68KM4-V/C	FP-80KM4-V/C	FP-85KM4-V/C	FP-102KM4-V/C	FP-136KM4-V/C	FP-170KM4-V/C	FP-204KM4-V/C	FP-238KM4-V/C
CFM				200	300	400	450	500	600	800	1000	1200	1400
Air Flow Rate		H	m³/h	340	510	680	800	850	1020	1360	1700	2040	2380
		M	m³/h	280	390	520	600	680	790	1030	1400	1500	1850
		L	m³/h	180	260	350	410	490	520	590	950	1030	1500
Cooling	Total Capacity	H	KW	2.0	2.7	3.7	4.2	4.7	5.8	7.2	9.2	11.0	12.6
		M	KW	1.7	2.3	2.8	3.3	3.8	4.6	5.8	8.0	9.0	10.5
		L	KW	1.1	1.4	2.0	2.3	2.7	3.9	4.3	6.5	7.0	9.0
	Sensible Capacity	H	KW	1.4	1.9	2.5	2.9	3.2	4.0	5.0	6.3	7.6	8.7
		M	KW	1.2	1.6	1.9	2.2	3.1	3.2	3.9	5.5	6.0	7.1
		L	KW	0.8	1.0	1.4	1.7	2.4	2.5	2.8	4.3	4.6	6.1
	Water flow rate		l/h	345	470	640	720	808	995	1240	1580	1890	2160
	Water pressure drop		kPa	15	27	15	16	12	16	21	37	40	47
Heat	Heating Capacity	H	KW	2.8	4.2	5.6	6.3	7.0	8.4	11.2	13.9	16.7	19.5
		M	KW	2.5	3.5	4.2	4.9	5.7	6.9	8.7	12.0	13.5	15.7
		L	KW	1.7	2.1	3.0	3.5	4.0	5.8	6.4	9.7	10.5	13.5
Power supply				220~240V/1PH/50Hz(or 60HZ)									
Power Input			W	39	52	62	65	76	96	132	152	189	220
Sound pressure			dB(A)	37	39	41	42	43	45	46	47	50	52
Fan	Type			Centrifugal Fan									
	Model			Ø315	Ø315	Ø315	Ø315	Ø380	Ø380	Ø380	Ø476	Ø476	Ø476
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1
Motor	Type			3-speed Motor									
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1
Coil	Coil Rows		Nr.	2									
	Max. working pressure		MPa	1.6									
	Tuber Diameter		inch	3/8"									
Dimensions	Unit body		mm	582x582x265				712x712x290			827x827x290		
	Panel assembly		mm	680x680x30				830x830x30			980x980x30		
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"									
	Condensate discharge		mm	26									
Weight(with feet, with casing)			kg	20	20	20	20	26	26	26	36	36	36

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

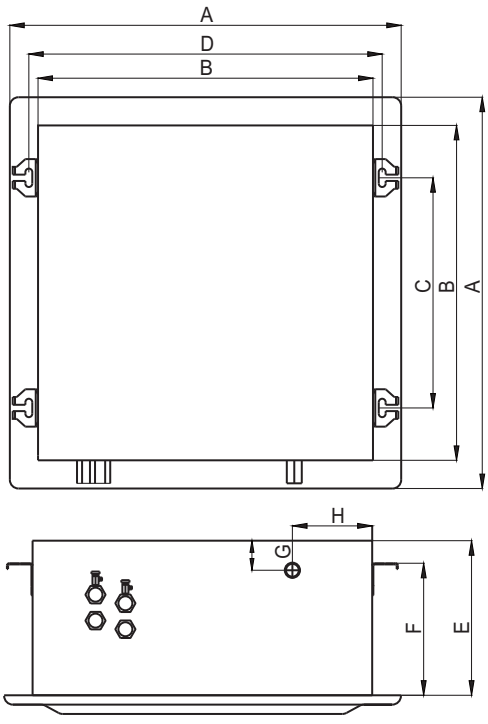
4-pipe 4-way Cassette - C series

AC EC Optional

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5. auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:



Dim.	FP-68KM4-P/C FP-80KM4-P/C	FP-85KM4-P/C FP-102KM4-P/C FP-136KM4-P/C	FP-170KM4-P/C FP-204KM4-P/C FP-238KM4-P/C
A	680	830	980
B	582	712	827
C	400	544	655
D	614	744	859
E	265	290	290
F	255	220	220
G	51	89	88
H	137	142	146

Unit: mm

Design Features

Suitable for hot/chilled water system, ceiling installation;

Unit Body

Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic Wheel-Quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors.

Fresh air intake

Fresh air intake is standard

High Efficiency Coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan

In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch

700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Air Flow: 400 ~ 1400cfm
Cooling Capacity: 2.7KW~8.8KW

Model: FP-*KM4-P/C				FP-68KM4-P/C	FP-80KM4-P/C	FP-85KM4-P/C	FP-102KM4-P/C	FP-136KM4-P/C	FP-170KM4-P/C	FP-204KM4-P/C	FP-238KM4-P/C
CFM				400	450	500	600	800	1000	1200	1400
Air Flow Rate		H	m^3/h	680	800	850	1020	1360	1700	2040	2380
		M	m^3/h	520	600	680	790	1030	1290	1500	1800
		L	m^3/h	350	410	490	520	690	860	1030	1200
Cooling	Total Capacity	H	KW	2.7	3.1	3.4	3.8	5.0	6.3	7.3	8.8
		M	KW	2.1	2.4	2.6	2.8	3.8	4.8	5.4	6.7
		L	KW	1.4	1.6	1.9	2.0	2.6	3.2	3.8	4.5
	Sensible Capacity	H	KW	1.9	2.2	2.4	2.7	3.6	4.5	5.1	6.2
		M	KW	1.5	1.7	1.8	2.0	2.8	3.5	3.9	4.7
		L	KW	1.0	1.1	1.4	1.5	1.8	2.3	2.8	3.1
	Water flow rate		l/h	464	504	585	650	860	1080	1255	1513
	Water pressure drop		kPa	11	13	18	22	24	27	30	35
Heat	Heating Capacity	H	KW	3.2	3.8	4.5	5.1	5.8	7.8	8.7	10.5
		M	KW	2.4	3.0	3.6	4.0	4.4	6.0	6.4	8.0
		L	KW	1.7	2.1	2.4	2.6	3.1	4.0	4.4	5.4
Power supply				220~240V/1PH/50Hz(or 60HZ)							
Power Input			W	62	65	76	96	132	152	189	220
Sound pressure			dB(A)	41	42	43	45	46	47	50	52
Fan	Type			Centrifugal Fan							
	Model			Ø315	Ø315	Ø380	Ø380	Ø380	Ø476	Ø476	Ø476
	Quantity		Nr.	1	1	1	1	1	1	1	1
Motor	Type			3-speed Motor							
	Quantity		Nr.	1	1	1	1	1	1	1	1
Coil	Coil Rows		Nr.	2							
	Max. working pressure		MPa	1.6							
	Tuber Diameter		inch	3/8"							
Dimensions	Unit body		mm	582x582x265		712x712x290			827x827x290		
	Panel assembly		mm	680x680x30		830x830x30			980x980x30		
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"							
	Condensate discharge		mm	26							
Weight(with feet, with casing)			kg	21	21	26	26	26	35	35	35

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

2-pipe 4-way Cassette - A series

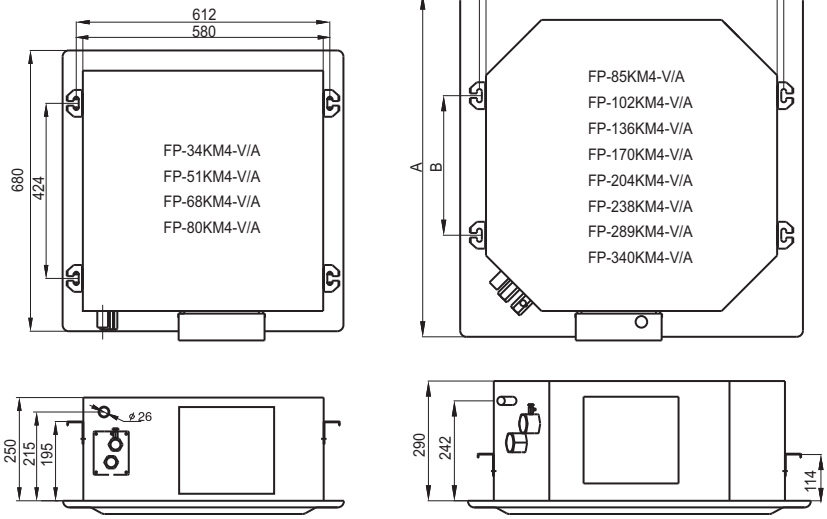
AC
EC Optional

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5. auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. RS485 ModBus, master-slave network control is optional

Dimensions:

Unit: mm



Dim.	FP-85KM4-V/A FP-102KM4-V/A FP-136KM4-V/A	FP-170KM4-V/A FP-204KM4-V/A FP-238KM4-V/A	FP-289KM4-V/A FP-340KM4-V/A
A	830	980	1140
B	338	416	488
C	737	864	992
D	705	832	960

Design Features

Suitable for hot/chilled water system, ceiling installation;

Unit Body
Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly
Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic Wheel-Quite running
One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors.

Fresh air intake
Fresh air intake is optional

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan
In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Air Flow: 200 ~ 2000cfm
Cooling Capacity: 2.0KW~17.6KW

Model: FP-*KM4-V/A				FP-34KM4-V/A	FP-51KM4-V/A	FP-68KM4-V/A	FP-80KM4-V/A	FP-85KM4-V/A	FP-102KM4-V/A	FP-136KM4-V/A	FP-170KM4-V/A	FP-204KM4-V/A	FP-238KM4-V/A	FP-289KM4-V/A	FP-340KM4-V/A
CFM				200	300	400	450	500	600	800	1000	1200	1400	1700	2000
Air Flow Rate		H	m^3/h	340	510	680	800	850	1020	1360	1700	2040	2380	2890	3400
		M	m^3/h	280	390	520	580	640	790	1030	1290	1500	1800	2100	2600
		L	m^3/h	180	260	350	390	430	520	690	860	1030	1200	1600	1900
Cooling	Total Capacity	H	KW	2.0	2.7	3.7	4.2	4.5	5.6	7.0	9.1	10.8	12.6	15.3	17.6
		M	KW	1.8	2.3	3.1	3.8	4.2	4.3	5.7	7.9	8.6	10.0	11.7	13.5
		L	KW	1.6	1.8	2.6	2.8	3.0	3.6	4.5	6.0	6.8	8.0	9.3	9.9
	Sensible Capacity	H	KW	1.5	1.9	2.6	2.9	3.5	3.9	5.0	6.4	7.7	9.0	11.5	14.8
		M	KW	1.3	1.7	2.0	2.6	3.2	3.3	4.3	5.9	6.5	7.5	8.4	11.1
		L	KW	1.2	1.4	1.8	1.9	2.8	2.9	3.6	4.8	5.4	6.4	6.4	7.8
	Water flow rate		l/h	345	470	640	720	780	970	1260	1710	1920	2160	2640	3027
	Water pressure drop		kPa	7	9	11	14	16	18	19	17	19	22	36	48
Heat	Heating Capacity	H	KW	2.8	4.2	5.6	6.3	7.0	8.4	11.2	13.9	16.7	19.5	23.7	25.5
		M	KW	2.5	3.4	4.5	5.5	6.3	6.5	8.5	12.0	12.6	15.6	17.5	18.6
		L	KW	2.0	2.7	4.0	4.5	5.0	5.2	6.7	9.0	10.2	12.0	13.8	13
Power supply				220~240V/1PH/50Hz(or 60HZ)											
Power Input			W	39	52	62	68	76	96	132	152	189	220	330	340
Sound pressure			dB(A)	37	39	41	42	43	45	46	47	50	52	57	65
Fan	Type			Centrifugal Fan											
	Model			Ø315	Ø315	Ø315	Ø315	Ø380	Ø380	Ø380	Ø476	Ø476	Ø476	Ø530	Ø530
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1	1	1
Motor	Type			3-speed Motor											
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1	1	1
Coil	Coil Rows		Nr.	2											
	Max. working pressure		MPa	1.6											
	Tuber Diameter		inch	3/8"											
Dimensions	Unit body		mm	580X580X250				705x705x290			832x832x290			960x960x290	
	Panel assembly		mm	680X680X30				830x830x30			980x980x30			1140x1140x30	
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"											
	Condensate discharge		mm	26											
Weight(with feet, with casing)			kg	20	20	20	20	25	25	25	34	34	34	52	50

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

4-pipe 4-way Cassette - A series

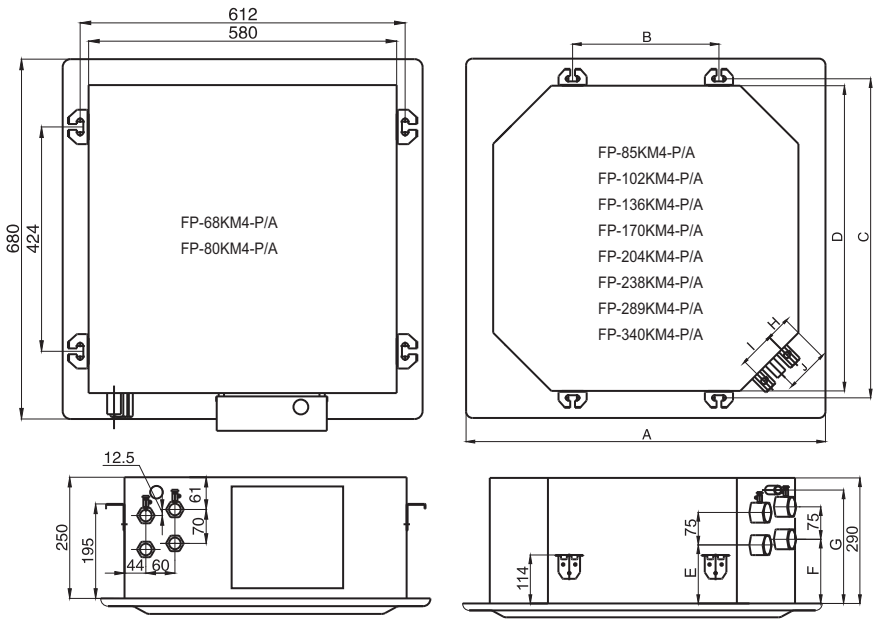
AC
EC Optional

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5. auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. RS485 ModBus, master-slave network control is optional

Dimensions:

Unit: mm



Dim.	FP-85KM4-P/A FP-102KM4-P/A FP-136KM4-P/A	FP-170KM4-P/A FP-204KM4-P/A FP-238KM4-P/A	FP-289KM4-P/A FP-340KM4-P/A
A	830	980	1140
B	338	416	488
C	737	864	992
D	705	832	960
E	135	139	139
F	148	127	127
G	262	250	250
H	55	65	65
I	80	80	80
J	95	95	100

Design Features

Suitable for hot/chilled water system, ceiling installation;

Unit Body

Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic Wheel-Quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors.

Fresh air intake

Fresh air intake is optional

High Efficiency Coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan

In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch

700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Air Flow: 400~2000cfm
Cooling Capacity: 2.6KW~11.5KW

Model: FP-*KM4-P/A				FP-68KM4-P/A	FP-80KM4-P/A	FP-85KM4-P/A	FP-102KM4-P/A	FP-136KM4-P/A	FP-170KM4-P/A	FP-204KM4-P/A	FP-238KM4-P/A	FP-289KM4-P/A	FP-340KM4-P/A
CFM				400	450	500	600	800	1000	1200	1400	1700	2000
Air Flow Rate		H	m^3/h	680	800	850	1020	1360	1700	2040	2380	2890	3400
		M	m^3/h	520	580	640	790	1030	1290	1500	1800	2100	2600
		L	m^3/h	350	390	430	520	690	860	1030	1200	1600	1900
Cooling	Total Capacity	H	KW	2.6	2.8	3.1	3.6	4.8	6.0	7.0	8.4	10.3	11.5
		M	KW	2.0	2.2	2.4	2.8	3.7	4.7	6.0	6.5	7.5	8.3
		L	KW	1.4	1.6	1.8	2.1	3.0	3.6	4.6	5.0	5.7	6.3
	Sensible Capacity	H	KW	1.8	2.0	2.2	2.5	3.4	4.2	4.9	5.9	8.5	9.5
		M	KW	1.5	1.6	1.8	2.1	2.8	3.5	4.5	4.9	6.2	6.9
		L	KW	1.1	1.2	1.4	1.7	2.4	2.9	3.7	4.0	4.7	5.2
	Water flow rate		l/h	450	468	540	625	830	1050	1400	1500	1800	2000
	Water pressure drop		kPa	11	13	17	22	24	27	30	35	40	52
Heat	Heating Capacity	H	KW	2.6	3.1	3.5	4.3	4.9	6.5	7.2	8.7	11.9	15.2
		M	KW	2.0	2.3	2.7	3.2	4.3	5.4	5.6	7.6	8.7	11.3
		L	KW	1.4	1.7	2.1	2.5	3.5	4.2	4.3	5.8	6.6	8.7
Power supply				220~240V/1PH/50Hz(or 60HZ)									
Power Input			W	62	68	76	96	132	152	189	220	330	340
Sound pressure			dB(A)	41	42	43	45	46	47	50	52	57	65
Fan	Type			Centrifugal Fan									
	Model			Ø315	Ø315	Ø380	Ø380	Ø380	Ø476	Ø476	Ø476	Ø530	Ø530
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1
Motor	Type			3-speed Motor									
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1
Coil	Coil Rows		Nr.	2									
	Max. working pressure		MPa	1.6									
	Tuber Diameter		inch	3/8"									
Dimensions	Unit body		mm	580x580x250		705x705x290			832x832x290			980x980x290	
	Panel assembly		mm	680x680x30		830x830x30			980x980x30			1140x1140x30	
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"									
	Condensate discharge		mm	26									
Weight(with feet, with casing)			kg	21	21	26	26	26	35	35	35	53	53

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

Marine Duty 4-way Cassette FCU

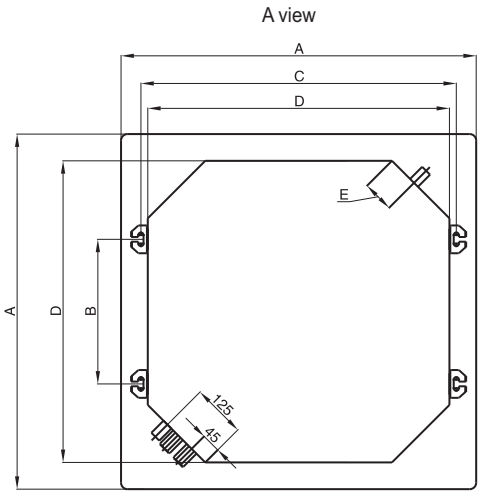
AC
EC Optional

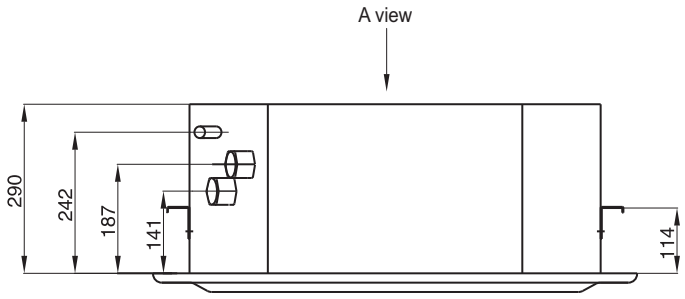
Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. RS485 ModBus, master-slave network control is optional

Dimensions:

Unit: mm





Dim.	FP-85KM4-V/ACY FP-102KM4-V/ACY FP-136KM4-V/ACY	FP-170KM4-V/ACY FP-204KM4-V/ACY FP-238KM4-V/ACY
A	830	980
B	338	416
C	737	861
D	705	832
E	75	65

(mm)

Design Features

Ceiling mounted and suitable for chilled/hot water systems.
Two drain pump design, no spills when the vessel is 22 degree tilted.

Air Filter: Synthetic washable and removable

Housing: Galvanized steel with high density foam insulation inside

Heat Exchanger: Copper tube and hydrophilic AL fins with air release valve

Drian pan: High density polystyrene foam materia

Drain Pump: 700mm head with float switch and no-return vavle; 2 drain pump inside; 1200mm head is optional

Fan/Motor: Centrifugal fan with 3 speed motor or EC motor

Control System: Built-in electric control or external electric control, remote controller or wired controller

Performance Date:

Air Flow: 500 ~ 1400cfm
Cooling Capacity: 4.5KW~12.6KW

Model: FP-*KM4-V/ACY				FP-85KM4-V/ACY	FP-102KM4-V/ACY	FP-136KM4-V/ACY	FP-170KM4-V/ACY	FP-204KM4-V/ACY	FP-238KM4-V/ACY
CFM				500	600	800	1000	1200	1400
Air Flow Rate		H	m^3/h	850	1020	1360	1700	2040	2380
		M	m^3/h	640	790	1030	1290	1500	1800
		L	m^3/h	430	520	690	860	1030	1200
Cooling	Total Capacity	H	KW	4.5	5.6	7.0	9.1	10.8	12.6
		M	KW	3.4	4.4	5.3	6.9	8.0	9.6
		L	KW	2.3	2.9	3.6	4.6	5.6	6.5
	Sensible Capacity	H	KW	3.1	3.8	4.9	6.3	7.3	8.6
		M	KW	2.4	2.9	3.7	4.8	5.5	6.7
		L	KW	1.5	2.0	2.5	3.1	3.9	4.3
	Water flow rate		l/h	780	970	1200	1570	1860	2160
	Water pressure drop		kPa	16	18	19	17	19	22
Heat	Heating Capacity	H	KW	7.0	8.4	11.2	13.9	16.7	19.5
		M	KW	5.3	6.5	8.4	10.6	12.3	14.8
		L	KW	3.6	4.3	5.7	7.1	8.5	10.0
Power supply				220~240V/1PH/50Hz(or 60HZ)					
Power Input			W	86	106	142	162	200	230
Sound pressure			dB(A)	43	45	46	47	50	52
Fan	Type			Centrifugal Fan					
	Model			Ø380	Ø380	Ø380	Ø476	Ø476	Ø476
	Quantity		Nr.	1	1	1	1	1	1
Motor	Type			3-speed Motor					
	Quantity		Nr.	1	1	1	1	1	1
Coil	Coil Rows		Nr.	2					
	Max. working pressure		MPa	1.6					
	Tuber Diameter		inch	3/8"					
Dimensions	Unit body		mm	705x705x290			832x832x290		
	Panel assembly		mm	830x830x30			980x980x30		
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"					
	Condensate discharge		mm	26					
Weight(with feet, with casing)			kg	25	25	25	34	34	34

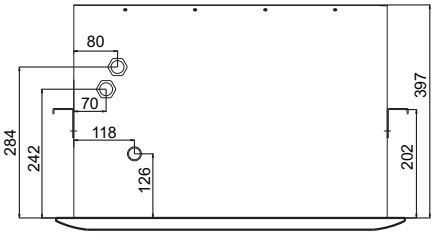
1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

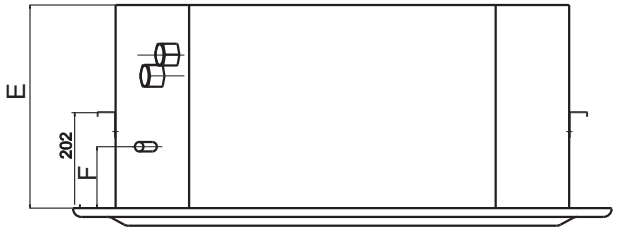
Self-Drainage 4-way Cassette

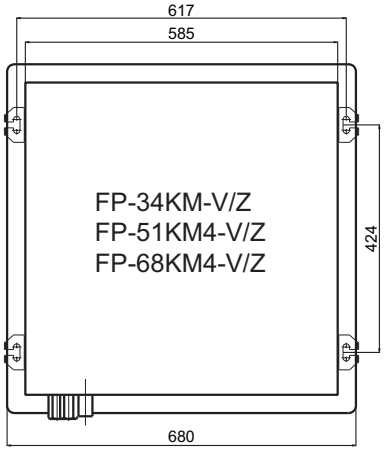
AC EC Optional

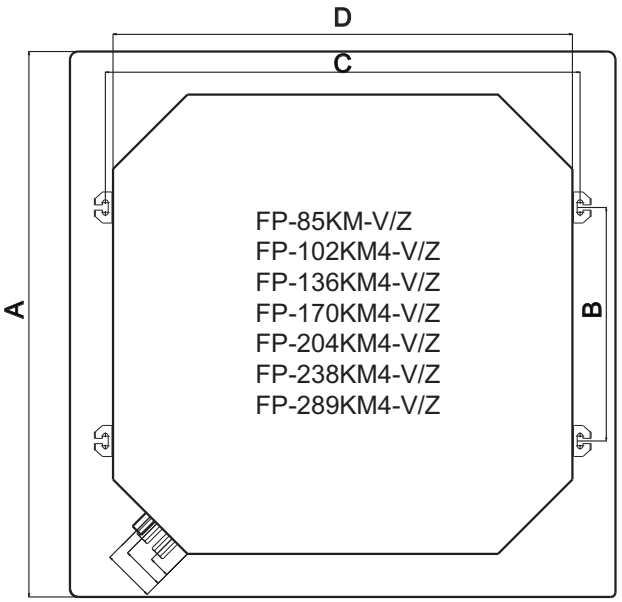
Dimensions:

Unit: mm









尺寸	FP-85KM4-V/Z FP-102KM4-V/Z FP-136KM4-V/Z	FP-170KM4-V/Z FP-204KM4-V/Z FP-238KM4-V/Z	FP-289KM4-V/Z
A	830	980	1140
B	338	416	488
C	737	864	992
D	705	832	960
E	397	397	430
F	115	115	130

Design Features

Free drain pump, Self drainage, for hot/chilled water system and ceiling installation

Drained by nature
without drain pump inside, running stable because of no drain pump P.C.B which is easy to damaged.

Unit Body
The unit height is suitable for the places where have enough installation space.

Panel Assembly
Aesthetic panel design, in ABS material with synthetic washable and removal air filter. Adjust the lover by manual, auto-swing function and remote controller is optional after installing the PCB system.

Condensate Drain Pan
Special design condensate drain pan with high drained dropping, it drains water quickly.

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Quite running
One-time injection forming wheel, no welding between the fan blades and inlet cone/end plate, it makes the wheels good balancing; an anti-vibration rubber is installation in the hub to ensure less vibration, low noise on the wheels and motors.

Grille
The finger grille is optional to prevent from hand injury

Performance Data - 2 pipe, 2 rows

Model: FP-*KM4-V/Z				FP-34KM4-V/Z	FP-51KM4-V/Z	FP-68KM4-V/Z	FP-85KM4-V/Z	FP-102KM4-V/Z	FP-136KM4-V/Z	FP-170KM4-V/Z	FP-204KM4-V/Z	FP-238KM4-V/Z	FP-289KM4-V/Z
CFM				200	300	400	500	600	800	1000	1200	1400	1700
Air Flow Rate		H	m^3/h	340	510	680	850	1020	1360	1700	2040	2380	2890
		M	m^3/h	280	390	520	640	790	1030	1290	1500	1800	2100
		L	m^3/h	180	260	350	430	520	690	860	1030	1200	1600
Cooling	Total Capacity	H	KW	2.0	2.7	3.7	5.0	5.6	7.0	9.1	10.8	12.8	15.3
		M	KW	1.8	2.3	3.1	4.2	4.3	5.7	7.9	8.6	10.0	11.7
		L	KW	1.6	1.8	2.6	3.5	3.6	4.5	6.0	6.8	8.0	9.3
	Sensible Capacity	H	KW	1.5	1.9	2.6	3.5	3.9	5.0	6.4	7.7	9.0	11.5
		M	KW	1.3	1.7	2.0	3.2	3.3	4.3	5.9	6.5	7.5	8.4
		L	KW	1.2	1.4	1.8	2.8	2.9	3.6	4.8	5.4	6.4	6.4
	Water flow rate		l/h	345	470	640	780	970	1260	1710	1920	2160	2640
	Water pressure drop		kPa	7	9	11	16	18	19	17	19	22	36
Heat	Heating Capacity	H	KW	2.8	4.2	5.6	7.0	8.4	11.2	13.9	16.7	19.5	23.7
		M	KW	2.5	.3.4	4.5	6.3	6.5	8.5	12.0	12.6	15.6	17.5
		L	KW	2.0	2.7	4.0	5.0	5.2	6.7	9.0	10.2	12.0	13.8
Power supply				220~240V/1PH/50Hz(or 60HZ)									
Power Input			W	39	54	58	71	84	127	170	175	234	330
Sound pressure			dB(A)	37	39	41	43	45	46	47	50	52	57
Fan	Type			Centrifugal Fan									
	Model			Ø315	Ø315	Ø315	Ø380	Ø380	Ø380	Ø476	Ø476	Ø530	Ø530
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1
Motor	Type			3-speed Motor									
	Quantity		Nr.	1	1	1	1	1	1	1	1	1	1
Coil	Coil Rows		Nr.	2									
	Max. working pressure		MPa	1.6									
	Tuber Diameter		inch	3/8"									
Dimensions	Unit body		mm	585x585x397			705x705x397			832x832x397			950x950x430
	Panel assembly		mm	680x680x30			830x830x30			980x980x30			1140x1140x30
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"									
	Condensate discharge		mm	26									
Weight(with feet, with casing)			kg	21	21	21	25	25	25	34	34	34	52

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

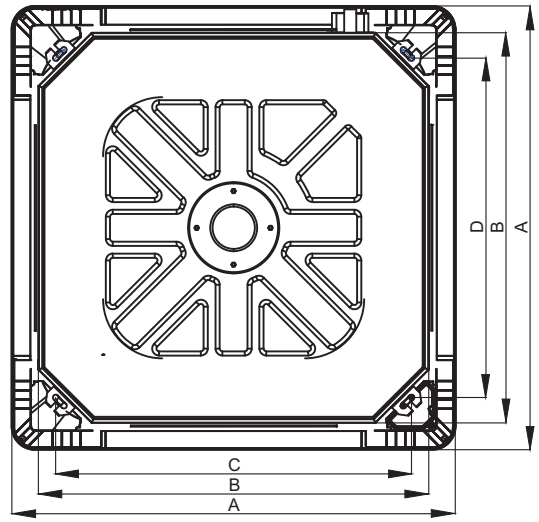
8-way Cassette

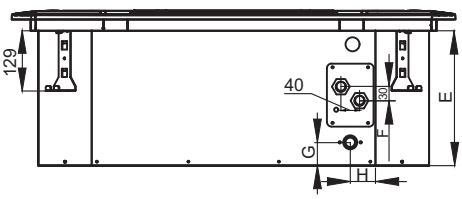
AC
EC Optional

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. Main PCB is installed outside of the unit body
7. RS485 ModBus and master-slave network control can be supplied as Optional

Dimensions:





Dim.	FP-34/51KM-2-D8 FP-68/80KM-2-D8	FP-85/102KM-2-D8 FP-119/128KM-2-D	FP-136KM-2-D8 FP-170KM-W-D8	FP-204KM-2-D8	FP-238KM-2-D8
A	750	750	850	950	950
B	660	660	760	836	860
C	578	578	678	763	763
D	542	542	642	727	727
E	200	290	290	290	290
F	85	140	140	140	140
G	34	50	50	50	50
H	62	50	50	54	54

Design Features

Aesthetic panel design, in ABS material; Curved rounded corners and 3D squares leather pattern which make the panel looks on a high level and can match a variety of decoration styles; Digital display on the panel and using the current most popular light transmittance design; The panel and the unit are connected by 4 Angle buckles, making installation and maintenance more convenient; 8-way air outlet design can reduce the indoor air supply resistance and send the air to every corners very quickly, which can make the room temperature more uniform and realizing the low-noise operation as well.

Air Filter	Synthetic removable and washable
Unit Body	Galvanized steel with pre-formed expanded polystyrene air passages,fresh air intake
Heat Exchanger	Copper tube and hydrophilic AL fins with air vent valve
Drain Pan	Thermoforming high density expanded polystyrene condensate drain pan
Drain Pump	120cm head drain pump, with no return valve and float switch
Fan	Centrifugal Fan
Control System	Main board, transformer, built-in or built-out Electric control box

Performance Date:

Air Flow: 300 ~ 1400cfm
Cooling Capacity: 1.8KW~12.6KW

Model				FP-34KM -2-D8	FP-51KM -2-D8	FP-68KM -2-D8	FP-80KM -2-D8	FP-85KM -2-D8	FP-102KM -2-D8	FP-119KM -2-D8	FP-128KM -2-D8	FP-136KM -2-D8	FP-170KM -2-D8	FP-204KM -2-D8	FP-238KM -2-D8
Air Flow		H	m³/h	340	510	680	800	850	1020	1190	1280	1360	1700	2040	2380
		M		255	383	510	600	638	765	893	960	1020	1275	1530	1785
		L		170	255	340	400	425	510	595	640	680	850	1020	1190
Cooling Capacity		H	kW	1.80	2.70	3.60	4.23	4.50	5.40	6.30	6.78	7.20	9.00	10.80	12.60
		M		1.44	2.16	2.88	3.38	3.60	4.32	5.04	5.42	5.76	7.20	8.64	10.08
		L		1.08	1.62	2.16	2.54	2.70	3.24	3.78	407	4.32	5.40	6.48	7.56
Heating Capacity	Heating 60°C Water Entering	H	kW	2.70	4.05	5.40	6.35	6.75	8.10	9.45	10.17	10.80	13.50	16.20	18.90
		M		2.16	3.24	4.32	5.07	5.40	6.48	7.56	8.14	8.64	10.80	12.96	15.12
		L		1.62	2.43	3.24	3.81	4.05	4.86	5.67	6.10	6.48	8.10	9.72	11.34
	Heating 45°C Water Entering	H	kW	1.80	2.70	3.60	4.23	4.50	5.40	6.30	6.78	7.20	9.00	10.80	12.60
		M		1.44	2.16	2.88	3.38	3.60	4.32	5.04	5.42	5.76	7.20	8.64	10.08
		L		1.08	1.62	2.16	2.54	2.70	3.24	3.78	4.07	4.32	5.40	6.48	7.56
Water Pressure Drop			kPa	30	30	30	30	30	40	40	4.0	40	40	40	50
Water flow rate			L/h	320	500	610	720	780	940	1100	1160	1200	1650	1850	2150
Energy efficiency ratio	Cooling		(W/W)	46	49	54	54	54	51	49	49	49	53	51	48
	Heating 60°C WET			68	73	81	81	82	76	74	74	73	79	77	71
	Heating 45°C WET			46	49	54	54	54	51	49	49	49	53	51	48
Electrical parameters	Power Supply		V/Ph/Hz	220/1/50											
	Input Power		W	36	50	60	70	74	93	112	122	130	147	183	221
	Running Current		A	0.16	0.23	0.27	0.32	0.34	0.42	0.51	0.55	0.59	0.67	0.83	1.00
Sound			dB(A)	37	39	41	42	43	45	46	46	46	48	50	52
Fan	Type			Centrifugal Fan											
	Dim.		mm	Φ370	Φ370	Φ370	Φ370	Φ380	Φ380	Φ380	Φ380	Φ476	Φ476	Φ476	Φ476
	Qty.			1	1	1	1	1	1	1	1	1	1	1	1
Control Mode				Wireless remote control(Wird wall control is optional)											
Unit Dimensions			mm	660*660*200				660*660*290				760*760*290		836*836*290	860*860*290
Panel Dimensions			mm	750*750*45				750*750*45				850*850*45		950*950*45	950*950*45
Net Weight			kg	16.0				20.0				20.0		20.0	20.0
Water pipe Connection	Water in		in	ZG3/4"											
	Water out		in	ZG3/4"											
Drainage pipe(OD)			in	26											

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

1-way Cassette FCU-Normal type

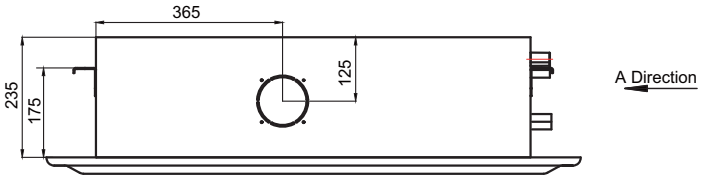
AC
EC Optional

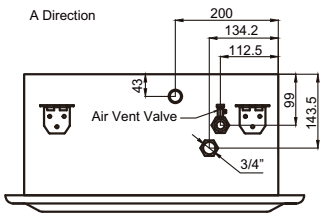
Control System:

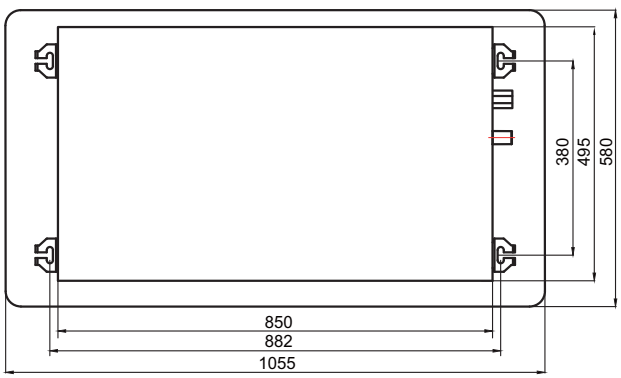
1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic boar

Dimensions:

Unit: mm







Standard build-in main board and external control box as optional;

Design Features

1-way cassette units, which is easy to be installed in the side of ceiling; and the unit which can be installed in a limited ceiling.

Unit Body
Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly
Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Quite running
DIDW centrifugal fans with 3 speed motor

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan
In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Fresh air intake
Pre-stamped hole for fresh air connection

Performance Date:

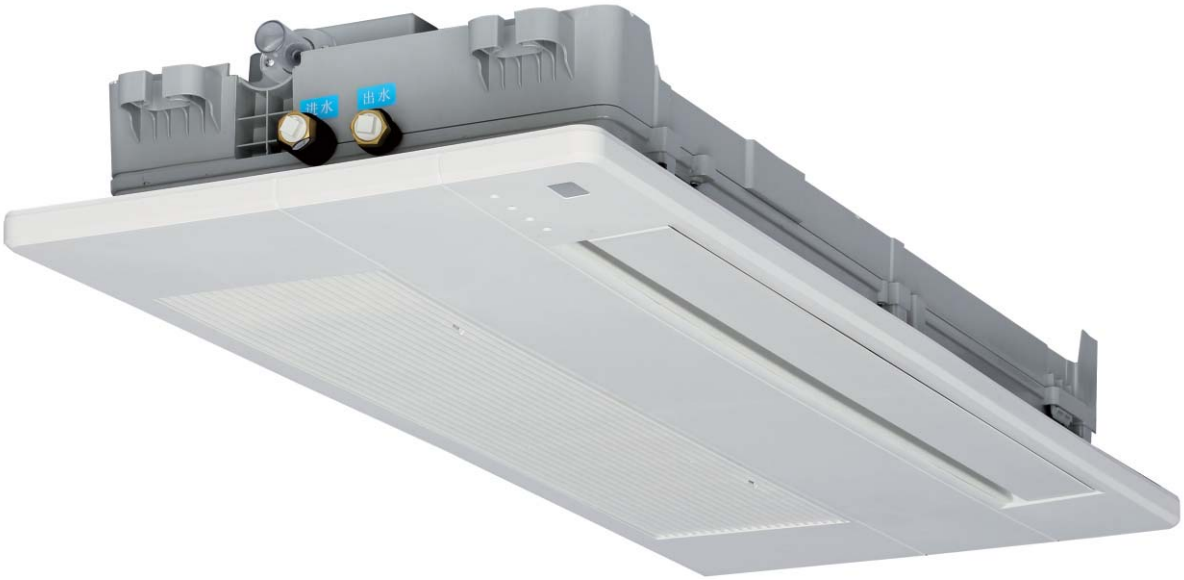
Air Flow: 200 ~ 600cfm
Cooling Capacity: 1.9KW ~ 5.4KW

Model: FP-*KM1-V/A CFM				FP-34KM1-V/A	FP-51KM1-V/A	FP-68KM1-V/A	FP-80KM1-V/A	FP-85KM1-V/A	FP-102KM1-V/A
				200	300	400	450	500	600
Air Flow Rate		H	m^3/h	340	510	680	800	850	1020
		M	m^3/h	270	400	520	650	640	750
		L	m^3/h	190	300	400	500	490	600
Cooling	Total Capacity	H	KW	1.9	2.7	3.6	4.0	4.5	5.4
		M	KW	1.5	2.2	2.8	3.3	3.4	4.0
		L	KW	1.0	1.6	2.2	2.6	2.6	3.2
	Sensible Capacity	H	KW	1.3	1.9	2.5	2.8	3.2	3.8
		M	KW	1.1	2.1	2.1	2.3	2.5	2.8
		L	KW	0.8	1.7	1.7	1.8	2.0	2.4
	Water flow rate		l/h	330	480	625	688	780	930
	Water pressure drop		kPa	10	15	18	20	25	31
Heat	Heating Capacity	H	KW	2.7	4.1	5.4	6.6	7.0	8.0
		M	KW	2.2	2.4	4.2	4.8	5.2	6.0
		L	KW	1.5	3.2	3.2	3.5	3.9	4.8
Power supply				220~240V/1PH/50Hz(or 60HZ)					
Power Input			W	45	54	62	70	100	110
Sound pressure			dB(A)	39	39	40	42	43	45
Fan	Type			Centrifugal Fan					
	Model			Ø156*175	Ø156*175	Ø156*175	Ø156*175	Ø156*175	Ø156*175
	Quantity		Nr.	2	2	2	2	2	2
Motor	Type			3-speed Motor					
	Quantity		Nr.	1	1	1	1	1	1
Coil	Coil Rows		Nr.	2	2	3	3	4	4
	Max. working pressure		MPa	1.6					
	Tuber Diameter		inch	3/8”					
Dimensions	Unit body		mm	850X480x235					
	Panel assembly		mm	1055x580x30					
Connection	Water inlet/outlet pipe		inch	ZG3/4” / ZG3/4”					
	Condensate discharge		mm	26					
Weight(with feet, with casing)			kg	22	22	22	22	23	23

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

1-way Cassette FCU-Slim type

AC EC Optional

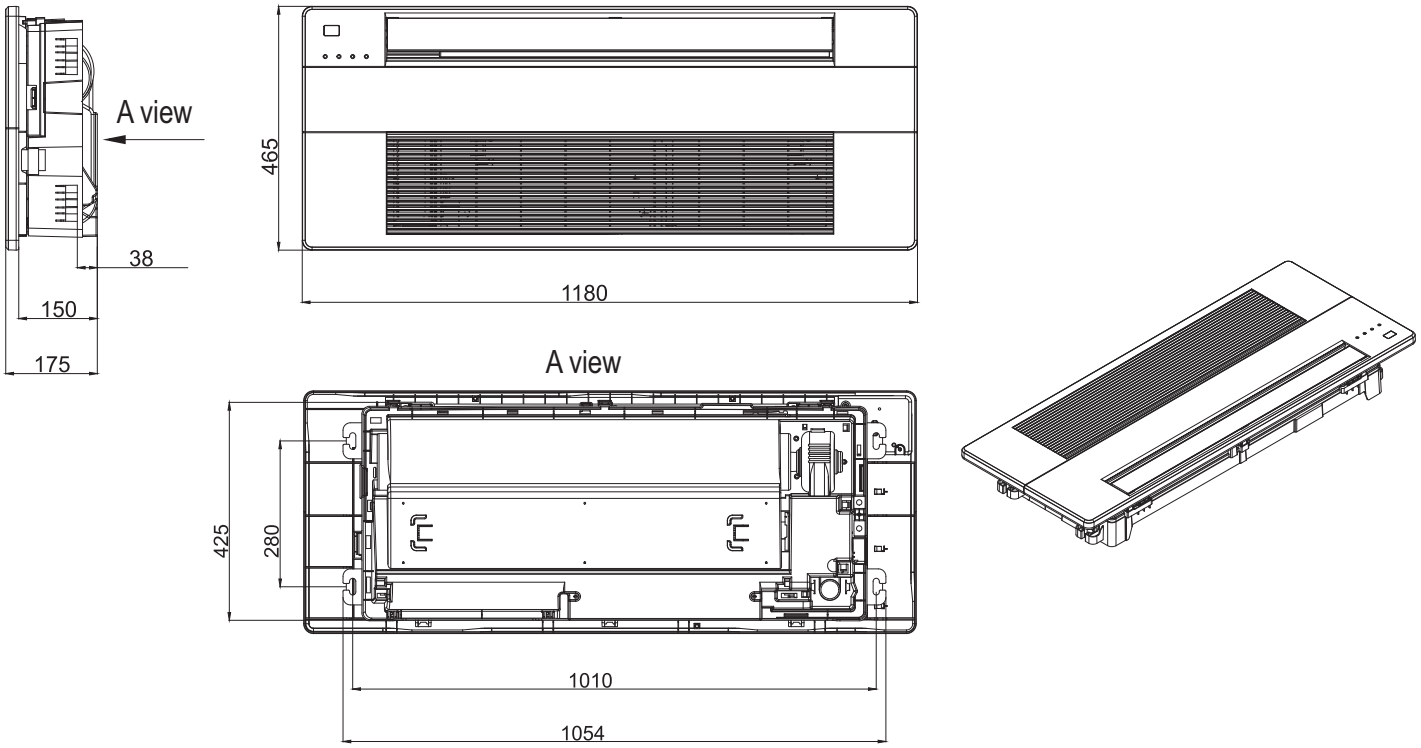


Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm



Design Features

1-way slim type casstte units, the height of the body is only 150mm, which is suitable for some very limited space and narrow space. It's panel and body are made by ABS, high production efficiency, exact dimension and good consistency.

Unit Body
Aesthetic design, in ABS material and very slim, suitable for some limited space and narrow space.

Panel Assembly
Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Blower with motor
Cross flow blower with 3 speed motor.

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan
The drain pan is produced by ABS material via injection forming, with high polystyrene insulation outside.

Drain pump and Float Switch
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Air Flow: 300 ~ 450cfm
Cooling Capacity: 3.0KW ~4.2KW

Model: FP-*KM1-V/S				FP-51KM1-V/S	FP-68KM1-V/S	FP-80KM1-V/S
CFM				300	400	450
Air Flow Rate		H	m^3/h	510	680	750
		M	m^3/h	400	520	650
		L	m^3/h	300	400	500
Cooling	Total Capacity	H	KW	3.0	3.8	4.2
		M	KW	2.6	3.1	3.6
		L	KW	2.2	2.6	3.0
	Sensible Capacity	H	KW	2.2	2.8	3.0
		M	KW	1.8	2.3	2.7
		L	KW	1.5	1.9	2.2
	Water flow rate		l/h	516	655	720
	Water pressure drop		kPa	15	18	20
Heat	Heating Capacity	H	KW	5.1	6.4	7.0
		M	KW	4.5	5.2	6.1
		L	KW	3.8	4.5	5.0
Power supply				220~240V/1PH/50Hz(or 60HZ)		
Power Input			W	40	45	50
Sound pressure			dB(A)	37	39	40
Fan	Type			Cross Flow Fan		
	Model			Ø97	Ø97	Ø97
	Quantity		Nr.	1	1	1
Motor	Type			3-speed Motor		
	Quantity		Nr.	1	1	1
Coil	Coil Rows		Nr.	2		
	Max. working pressure		MPa	1.6		
	Tuber Diameter		inch	3/8"		
Dimensions	Unit body		mm	1054X425X169		
	Panel assembly		mm	1180X465X25		
Connection	Water inlet/outlet pipe		inch	ZG1/2" / ZG1/2"		
	Condensate discharge		inch	26		
Weight(with feet, with casing)			kg	14		

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

2-way Cassette FCU

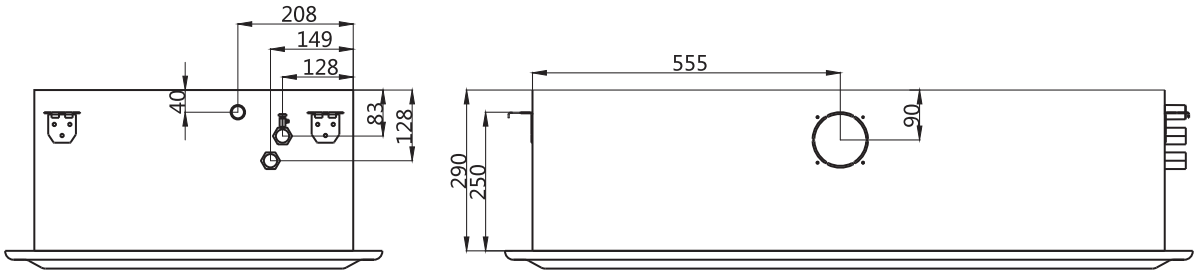
AC
EC Optional

Control System:

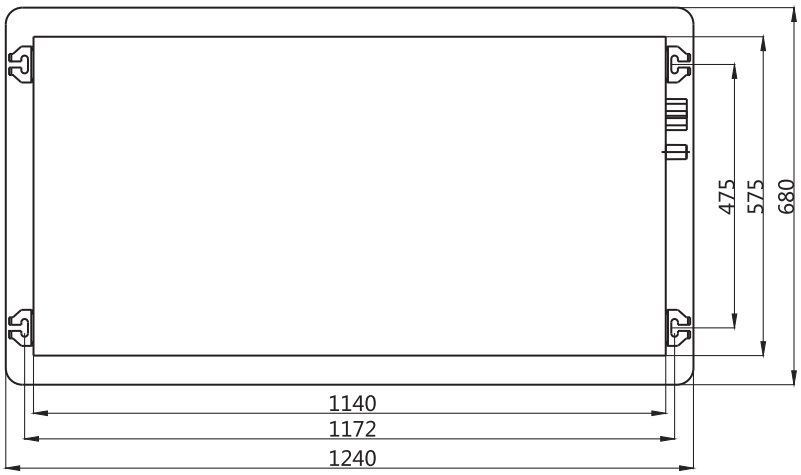
1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. Built-in Main PCB: with no function of RS485 ModBus;
7. Main PCB is installed outside of the unit body, then RS485 ModBus, master-slave network control can be supplied as Optional

Dimensions:

Unit: mm



Standard build-in main board and external control box as optional



Design Features

Unit Body
Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly
Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Quite running
DIDW centrifugal fans with 3 speed motor

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan
In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Fresh air intake
Pre-stamped hole for fresh air connection

Grille
The finger grille is optional to prevent from hand injury

Performance Date:

Air Flow: 400 ~ 800cfm
Cooling Capacity: 3.6KW~7.2KW

Model: FP-*KM2-V/A				FP-68KM2-V/A	FP-85KM2-V/A	FP-102KM2-V/A	FP-136KM2-V/A
CFM				400	500	600	800
Air Flow Rate		H	m^3/h	680	850	1020	1360
		M	m^3/h	520	640	765	1050
		L	m^3/h	400	490	600	800
Cooling	Total Capacity	H	KW	3.6	4.5	5.4	7.2
		M	KW	2.8	3.4	4.1	5.6
		L	KW	2.2	2.6	3.2	4.3
	Sensible Capacity	H	KW	2.6	3.2	3.8	5.0
		M	KW	2.2	2.6	3.1	4.3
		L	KW	1.9	2.2	2.6	3.5
	Water flow rate		l/h	620	776	730	1245
	Water pressure drop		kPa	20	28	23	40
Heat	Heating Capacity	H	KW	5.5	6.8	8.0	10.8
		M	KW	4.2	5.2	6.2	8.2
		L	KW	3.2	4.0	4.8	6.4
Power supply				220~240V/1PH/50Hz(or 60HZ)			
Power Input			W	64	100	110	130
Sound pressure			dB(A)	42	43	45	46
Fan	Type			Centrifugal Fan			
	Model			Ø142	Ø155	Ø155	SYP150/200J
	Quantity		Nr.	2	2	2	2
Motor	Type			3-speed Motor			
	Quantity		Nr.	1	1	1	1
Coil	Coil Rows		Nr.	2	3	4	4
	Max. working pressure		MPa	1.6			
	Tuber Diameter		inch	3/8”			
Dimensions	Unit body		mm	1140x575x290			
	Panel assembly		mm	1240x680x30			
Connection	Water inlet/outlet pipe		inch	ZG3/4” / ZG3/4”			
	Condensate discharge		mm	26			
Weight(with feet, with casing)			kg	32	32	34	34

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

2-pipe 6-way Cassette FCU

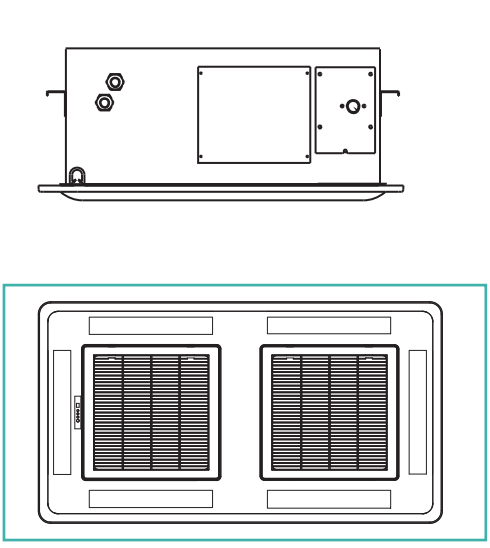
AC
EC Optional

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm



Design Features

Unit Body
Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly
Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Quite running
DIDW centrifugal fans with 3 speed motor

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Condensate Drain Pan
In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Fresh air intake
Pre-stamped hole for fresh air connection

Performance Date:

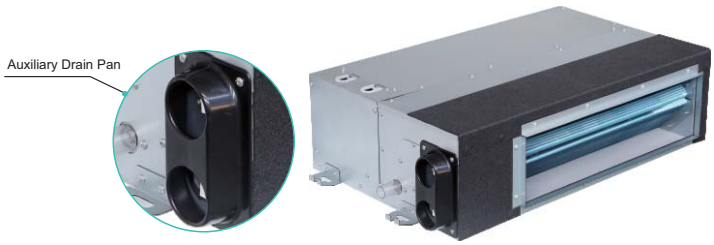
Air Flow: 500 ~ 1000cfm
Cooling Capacity: 6.0KW~9.0KW

Model: FP-*KM6-V/B				FP-85KM6-V/B	FP-102KM6-V/B	FP-136KM6-V/B	FP-170KM6-V/B
CFM				500	600	800	1000
Air Flow Rate		H	m^3/h	850	1020	1360	1700
		M	m^3/h	700	870	1120	1350
		L	m^3/h	550	720	900	1100
Cooling	Total Capacity	H	KW	6.0	7.0	8.0	9.0
		M	KW	5.1	6.0	6.9	7.7
		L	KW	4.2	5.4	6.1	6.9
	Sensible Capacity	H	KW	4.1	5.0	6.0	7.0
		M	KW	3.5	4.3	5.4	6.3
		L	KW	2.9	3.8	4.5	5.5
	Water flow rate		l/h	1030	1200	1375	1550
	Water pressure drop		kPa	8	10	13	16
Heat	Heating Capacity	H	KW	9.0	10.5	12.0	13.5
		M	KW	7.6	9.0	10.8	12.0
		L	KW	6.5	8.0	9.2	10.7
Power supply				220~240V/1PH/50Hz(or 60HZ)			
Power Input			W	105	110	118	195
Sound pressure			dB(A)	45	49	52	54
Fan	Type			Centrifugal Fan			
	Model			Ø315	Ø315	Ø315	Ø315
	Quantity		Nr.	2	2	2	2
Motor	Type			3-speed Motor			
	Quantity		Nr.	1	1	1	1
Coil	Coil Rows		Nr.	2			
	Max. working pressure		MPa	1.6			
	Tuber Diameter		inch	3/8”			
Dimensions	Unit body		mm	1133x575x290			
	Panel assembly		mm	1240x680x30			
Connection	Water inlet/outlet pipe		inch	ZG3/4” / ZG3/4”			
	Condensate discharge		mm	26			
Weight(with feet, with casing)			kg	42	42	42	42

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

Ultra-thin, ceiling concealed FCU

AC
EC Optional



Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Design Features

Ultra-thin, ceiling concealed type FCUs, suitable for hot/chilled water system

Centrifugal Fan
Well-known brand centrifugal fan with statically and dynamically balanced.

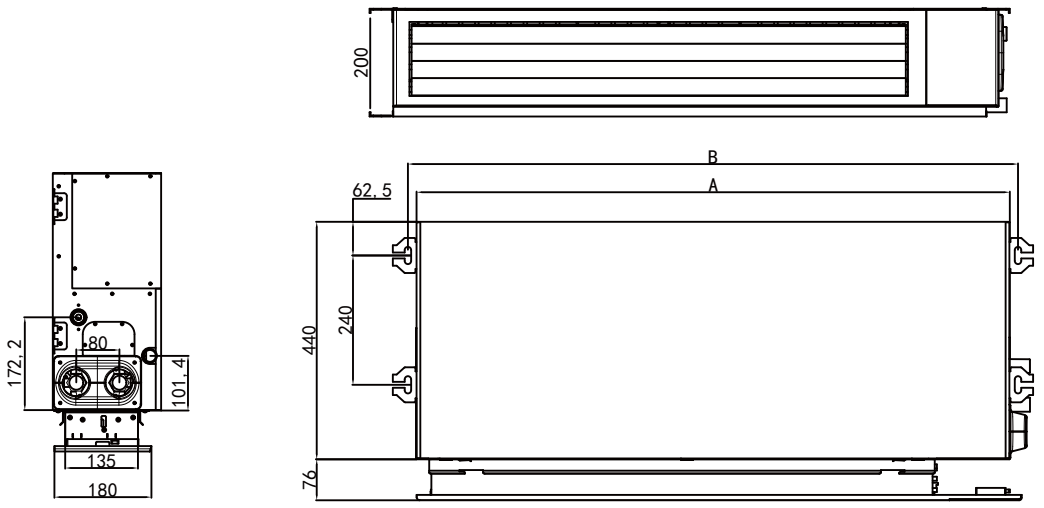
High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Drain Pan
Steel drain pan with powder coating for easy cleaning and corrosion resistance, anti-rust. The drain pan is insulated to prevent condensation water.

Drian pump
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking.

Dimensions:

Unit: mm



Performance Date:

Cooling Capacity: 1.8KW ~7.2KW
Static Pressure: 10-30Pa

Model				FP-34WAZN	FP-51WAZN	FP-68WAZN	FP-85WAZN	FP-102WAZN	FP-136WAZN
Air Flow Rate		H	m^3/h	340	510	680	850	1020	1360
		M		280	390	520	680	790	1030
		L		180	260	350	490	520	590
Cooling	Cooling Capacity	H	KW	1.8	2.7	3.6	4.5	5.4	7.2
		M		1.5	2.3	2.8	3.8	4.6	5.8
		L		1.1	1.4	2.0	2.7	3.9	4.3
	Water Flow Rate		L/h	345	465	620	775	930	1240
	Water Pressure Drop		KPa	15	27	15	12	16	21
Heating	Heating Capacity	H	KW	2.7	4.2	5.4	6.7	8.1	10.8
		M		2.5	3.5	4.2	5.7	6.9	8.7
		L		1.7	2.1	3.0	4.0	5.8	6.4
Fan Blower	Type			Centrifugal Fan					
	Model			YPB145-145					
	Qty.			2	2	2	2	3	3
Electric	Power Supply		V/Ph/Hz	220/1/50					
	Input Power		W	39	52	62	76	96	132
	Current		A	0.18	0.24	0.27	0.35	0.45	0.58
Sound Pressure			dB(A)	37	39	41	43	45	46
Unit Dimensions (mm)			A	700		900		1100	
			B	732		932		1132	
Control				Wireless Remote Control(Wired wall control is optional)					
Net Weight			Kg	15.9		19		23	
Water Connection	in		inch	ZG3/4"					
	Out		inch	ZG3/4"					
	Drian pipe(OD)		mm	26					

1. Cooling: inlet air temp. DB+27°C/WB+19.5°C, outdoor air-intake DB+35°C/WB+24°C
2. Heating: air inlet temp.+20°C, outdoor air-intake DB+7°C/WB+6°C

Floor Standing/Wall mounted FCU

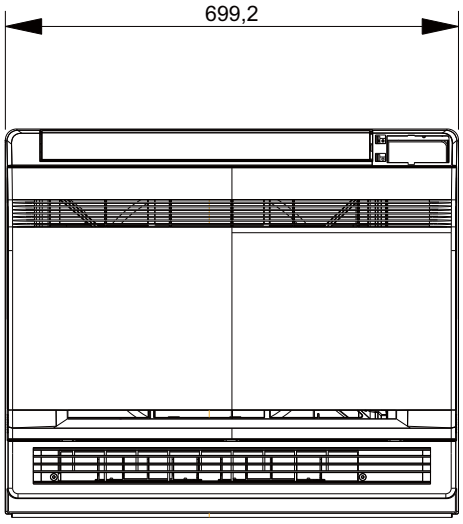
AC
EC Optional

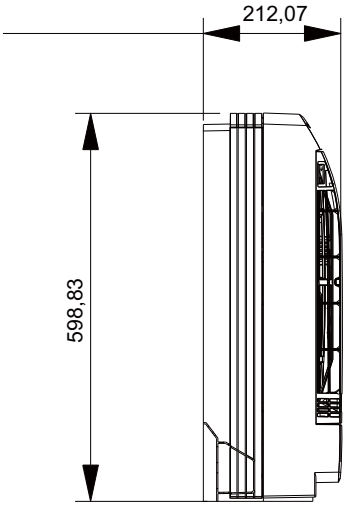
Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm





Design Features

Suitable for hot/chilled water system

Panel Assembly
One-to-one unit, small occupied space, no need to destroy the structure of the house and easy installation

Easy Maintainance
Simple structure and easy maintenance

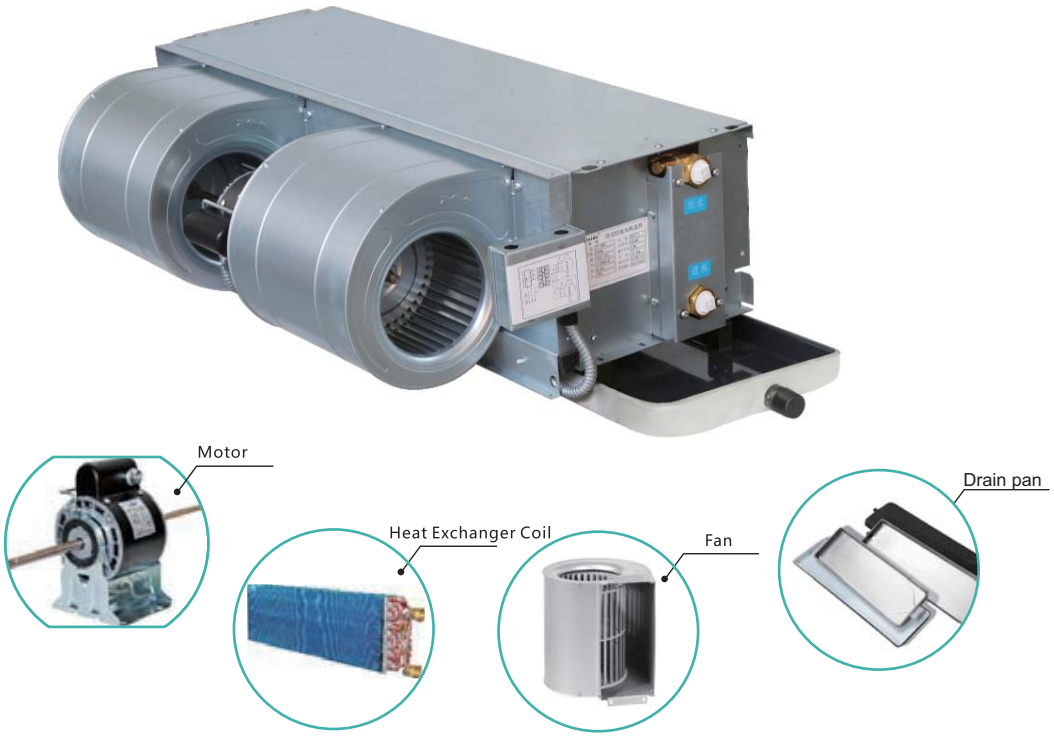
DC Inverter Technolgy
Both indoor unit and outdoor unit use brushless DC motors for high efficiency and energy saving. It can reach Class 1 energy efficiency at the heating season, and can reduce operating noise effectively.

				FP-51	FP-68
Air Flow Rate		H	m^3/h	510	680
		M		400	520
		L		300	400
Cooling	Cooling Capacity	H	kW	3.0	3.8
		M		2.6	3.1
		L		2.2	2.6
	Water Flow Rate		L/h	516	655
	Water Pressure Drop		kPa	15	18
Heating	Heating Capacity	H	kW	4. 2	5.6
		M		3.5	4.2
		L		2.1	3.0
Fan Blower	Type			Centrilfugal Fan	
	Qty.			1	
Electric	Power Supply		V/Ph/Hz	220/1/50	
	Input Power		W	40	45
	Current		A	0.19	0.22
Sound Pressure			dB(A)	37	39
Control				Wireless Remote Control	
Unit Dimensions LxWxH)			mm	705*605*220	
Net Weight			kg	14	
Water Connection	in		inch	ZG1/2"	
	Out		inch	ZG1/2"	
	Drian pipe(OD)		mm	26	

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

Ceiling Concealed -12Pa/30Pa/50Pa

AC
EC Optional



Design Features

Centrifugal Fan
Well-known brand centrifugal fans, with galvanized steel and which is statically and dynamically balanced.

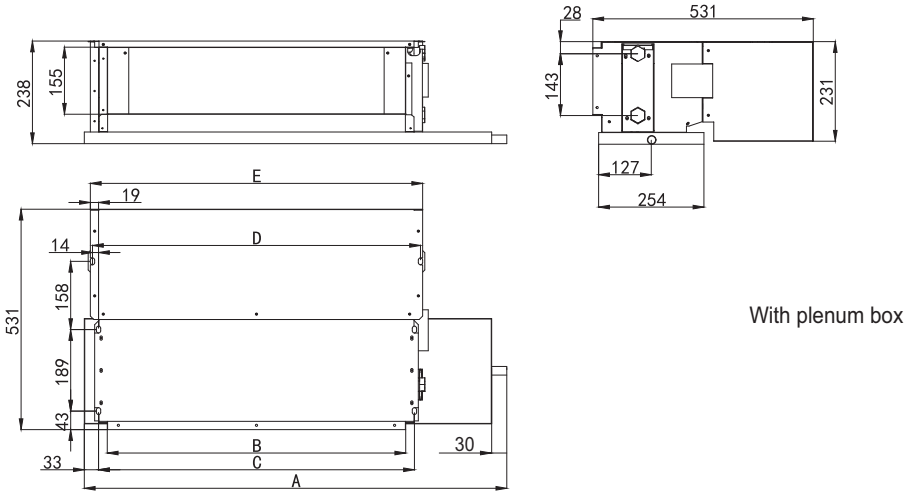
High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

One-time Punched Drain Pan
Cold roll steel drain pan with powder coating for easy cleaning and corrosion resistance, anti-rust; one-time mould processing joint with no welding joint. The drain pan is insulated to prevent condensation water.

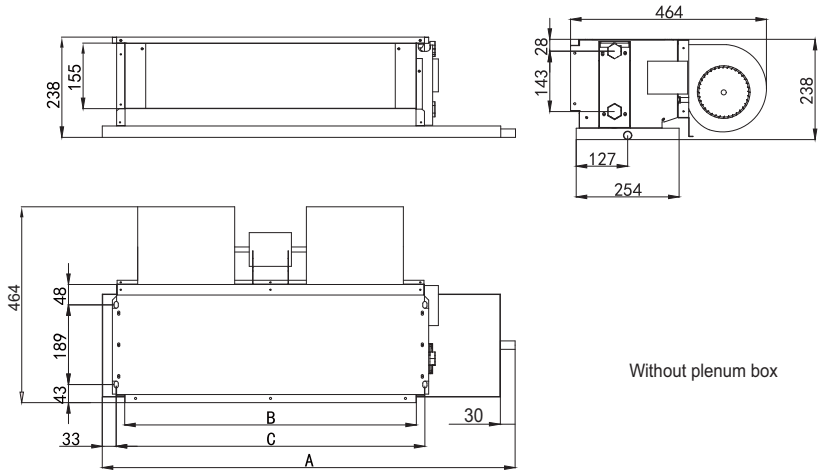
Water pipe connection
symmetrical design, it is easy to change the unit from left(right) water pipe connection to right(left) water pipe connection.

Standard:
-ESP: 12Pa or 30Pa or 50Pa
-Drain pan: Powder coating,standard length
-AC motor
-Without plenum box, without air filter; Plenum box and air filter is optional

Dimensions:



With plenum box



Without plenum box

Model	FP-34WA-V	FP-51WA-V	FP-68WA-V	FP-85WA-V	FP-102WA-V	FP-136WA-V	FP170WA-V	FP-204WA-V	FP-238WA-V
A (Standard Drain Pan)	620	760	860	940	1040	1370	1470	1670	1820
A (Extended Drain Pan)	739	879	979	1059	1159	1489	1589	1789	1939
B	452	592	692	772	872	1202	1302	1502	1652
C	492	632	732	812	912	1242	1342	1542	1692
D	520	660	760	840	940	1270	1370	1570	1720
E	530	670	770	850	950	1280	1380	1580	1730

Unit: mm

Performance Date - 2 pipe 3 rows:

Air Flow: 200 ~ 1400cfm
Cooling Capacity: 2.0KW~12.6KW

Model: FP-*WA-V				FP-34WA	FP-51WA	FP-68WA	FP-85WA	FP-102WA	FP-136WA	FP-170WA	FP-204WA	FP-238WA
CFM				200	300	400	500	600	800	1000	1200	1400
Air Flow Rate		H	m^3/h	340	510	680	850	1020	1360	1700	2040	2380
		M	m^3/h	280	418	558	697	836	1115	1394	1673	1952
		L	m^3/h	170	255	340	425	510	680	850	1020	1190
Cooling	Total Capacity	H	KW	2.0	2.7	3.6	4.5	5.4	7.2	9.0	10.8	12.6
		M	KW	1.8	2.3	3.1	4.2	4.3	5.7	7.9	8.6	10.0
		L	KW	1.6	1.8	2.6	3.0	3.6	4.5	6.0	6.8	8.0
	Sensible Capacity	H	KW	1.5	2.1	2.7	3.4	4.1	5.3	6.7	8.1	9.4
		M	KW	1.3	1.7	2.3	3.1	3.4	4.3	5.8	6.1	7.2
		L	KW	1.0	1.3	1.8	2.1	2.5	3.1	4.2	4.7	5.4
	Water flow rate		l/h	345	465	620	775	930	1240	1550	1860	2160
	Water pressure drop		kPa	12	21	12	23	30	33	26	33	38
Heat	Heating Capacity	H	KW	3.8	4.4	5.9	7.5	8.4	14.0	16.0	19.0	21.8
		M	KW	3.3	3.8	5.1	6.5	7.2	12.1	13.8	16.4	18.8
		L	KW	2.1	2.4	3.2	4.1	4.5	7.6	8.6	10.3	11.8
Power supply				220~240V/1PH/50Hz(or 60HZ)								
Power Input	12Pa		W	37	52	62	76	96	134	152	189	228
	30Pa		W	44	59	72	87	108	156	174	212	253
	50Pa		W	49	66	84	100	118	174	210	250	300
Sound pressure	12Pa		dB(A)	37	39	41	43	45	46	48	50	52
	30Pa		dB(A)	40	42	44	46	47	48	50	52	54
	50Pa		dB(A)	42	44	46	47	49	50	52	54	56
Fan	Type			DIDW centrifugal fans with forward curved blades								
	Model			SYP150/200J	SYP150/150J	SYP150/200J	SYP150/200J	SYP150/200J	SYP150/200J	SYP150/150J	SYP150/200J	SYP150/240J
	Quantity		Nr.	1	2	2	2	2	3	4	4	4
Motor	Type			3-speed Motor								
	Quantity		Nr.	1	1	1	1	1	2	2	2	2
Coil	Coil Rows		Nr.	3								
	Max. working pressure		MPa	1.6								
	Tuber Diameter		inch	3/8”								
Water inlet/outlet pipe			inch	ZG3/4“ / ZG3/4”								
Condensate discharge			mm	G3/4”								
Weight(no plenum box)			kg	10.9	12.9	15.3	16.2	17.2	26	28.8	31.4	38
Weight(with plenum box)			kg	13.9	16.5	19.3	20.5	21.8	32	35.2	38.6	46.2

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

Performance Date - 4 pipe 3+1 rows:

Air Flow: 200 ~ 1400cfm
Cooling Capacity: 1.8KW~12.0KW

Model: FP-*WA-P				FP-34WA	FP-51WA	FP-68WA	FP-85WA	FP-102WA	FP-136WA	FP-170WA	FP-204WA	FP-238WA
CFM				200	300	400	500	600	800	1000	1200	1400
Air Flow Rate		H	m^3/h	320	490	650	820	990	1310	1630	1980	2310
		M	m^3/h	240	370	490	610	740	980	1220	1480	1730
		L	m^3/h	160	240	320	410	490	650	810	980	1150
Cooling	Total Capacity	H	KW	1.8	2.6	3.5	4.3	5.2	6.8	8.5	10.2	12.0
		M	KW	1.6	2.2	2.95	3.96	4.2	6.0	7.4	8.9	10.4
		L	KW	1.2	1.68	2.45	2.9	3.5	4.7	5.9	7.0	8.2
	Sensible Capacity	H	KW	1.4	2.0	2.6	3.2	3.9	5.0	6.2	7.4	8.8
		M	KW	1.2	1.6	2.1	2.8	3.1	4.2	5.3	6.2	7.4
		L	KW	0.8	1.2	1.7	2.0	2.4	3.2	4.0	4.8	5.6
	Water flow rate		l/h	310	464	619	757	911	1169	1462	1754	2064
	Water pressure drop		kPa	11	15	21	23	32	30	35	30	40
Heat	Heating Capacity	H	KW	1.7	2.4	3.3	4.1	5.1	6.2	8.0	9.7	11.2
		M	KW	1.5	2.0	2.9	3.5	4.5	5.4	7.0	8.4	9.8
		L	KW	1.2	1.6	2.3	2.8	3.5	4.3	5.6	6.6	7.7
Power supply				220~240V/1PH/50Hz(or 60HZ)								
Power Input	12Pa		W	37	52	62	76	96	134	152	189	228
	30Pa		W	44	59	72	87	108	156	174	212	253
	50Pa		W	49	66	84	100	118	174	210	250	300
Sound pressure	12Pa		dB(A)	37	39	41	43	45	46	48	50	52
	30Pa		dB(A)	40	42	44	46	47	48	50	52	54
	50Pa		dB(A)	42	44	46	47	49	50	52	54	56
Fan	Type			Centrifugal Fan								
	Model			SYP150/200J	SYP150/150J	SYP150/200J	SYP150/200J	SYP150/200J	SYP150/200J	SYP150/150J	SYP150/200J	SYP150/240J
	Quantity		Nr.	1	2	2	2	2	3	4	4	4
Motor	Type			3-speed Motor								
	Quantity		Nr.	1	1	1	1	1	2	2	2	2
Coil	Chilled Coil Rows		Nr.	3								
	Hot Coil Rows		Nr.	1								
	Max. working pressure		MPa	1.6								
	Tuber Diameter		inch	3/8"								
Water inlet/outlet pipe			inch	ZG3/4" / ZG3/4"								
Condensate discharge			mm	G3/4"								
Weight(no plenum box)			kg	10.9	12.9	15.3	16.2	17.2	26	28.8	31.4	38
Weight(with plenum box)			kg	13.9	16.5	19.3	20.5	21.8	32	35.2	38.6	46.2

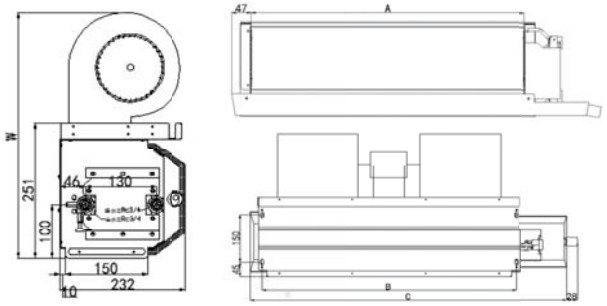
1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

Ceiling Concealed FCU-12Pa/30Pa/50Pa

High Efficiency	The heat exchanger is made of high quality copper tube and hydrophilic aluminum fins, use advanced mechanical expansion tube technology to achieve high heat exchange efficiency. Large air flow and low noise fan is used to strengthen the heat transfer and get the maximum heat transfer efficiency
Low Noise	All units have been matched and optimized, to ensure it can operate in quiet and efficiency. With low noise ABS forward curved centrifugal impeller.
No Condensation	The drain pan is pressed as a whole and formed once without any welding or solder joint. The non-flammable insulation material is adhered to the drain plate as a whole to eliminate any phenomenon of dripping water and condensation
Easy Maintenance	The motor use high precision ball bearing, without refueling, self lubrication, low noise and long life; its shaft has been treated with tempering and surface anticorrosion, which make it durable

Unit： mm

Model	A	B	C	W	H	Air outlet Dim.
FP-34WA	435	465	635	452	232	435*150
FP-51WA	585	615	785	452	232	585*150
FP-68WA	665	695	865	452	232	665*150
FP-85WA	725	755	925	452	232	725*150
FP-102WA	825	855	1025	452	232	825*150
FP-119WA	1005	1035	1205	452	232	1005*150
FP-136WA	1205	1235	1405	452	232	1205*150
FP-170WA	1255	1285	1455	452	232	1255*150
FP-204WA	1505	1535	1705	452	232	1505*150
FP-238WA	1755	1785	1955	452	232	1755*150



Performance Date:

Model			FP-34WA-YC	FP-51WA-YC	FP-68WA-YC	FP-85WA-YC	FP-102WA-YC	FP-119WA-YC	FP-136WA-YC	FP-170WA-YC	FP-204WA-YC	FP-238WA-YC
Air Flow	H	m³/h	340	510	680	850	1020	1190	1360	1700	2040	2380
	M		255	383	510	638	765	893	1020	1275	1530	1785
	L		170	255	340	425	510	595	680	850	1020	1190
Cooling Capacity	H	kW	1.80	2.70	3.60	4.50	5.40	6.30	7.20	9.00	10.80	12.60
	M		1.44	2.16	2.88	3.60	4.32	5.04	5.76	7.20	8.64	10.08
	L		1.08	1.62	2.16	2.70	3.24	3.78	4.32	5.40	6.48	7.56
Heating Capacity 60°C Water Entering	H	kW	2.70	4.05	5.40	6.75	8.10	9.45	10.80	13.50	16.20	18.90
	M		2.16	3.24	4.32	5.40	6.48	7.56	8.64	10.80	12.96	15.12
	L		1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.10	9.72	11.34
Heating Capacity 45 °C Water Entering	H	kW	1.80	2.70	3.60	4.50	5.40	6.30	7.20	9.00	10.80	12.60
	M		1.44	2.16	2.88	3.60	4.32	5.04	5.76	7.20	8.64	10.08
	L		1.08	1.62	2.16	2.70	3.24	3.78	4.32	5.40	6.48	7.56
Water Pressure Drop		kPa	30	30	30	30	40	40	40	40	40	50
Water flow rate		L/h	320	500	610	780	940	1100	1200	1650	1850	2150
Energy Efficiency Ratio Cooling	12Pa	(W/W)	71	77	84	86	77	76	75	81	76	70
	30Pa		61	69	74	76	69	71	66	73	65	61
	50Pa		56	60	64	65	58	59	60	61	54	51
Energy Efficiency Ratio Heating 60°C Water Entering	12Pa		106	115	126	128	116	114	112	122	115	106
	30Pa		92	103	111	113	103	106	99	109	97	92
	50Pa		83	90	97	97	86	89	91	91	81	76
Energy Efficiency Ratio Heating 45°C Water Entering	12Pa		71	77	84	86	77	76	75	81	76	70
	30Pa		61	69	74	76	69	71	66	73	65	61
	50Pa		56	60	64	65	58	59	60	61	54	51
Electrical parameters Power Supply		V/Ph/Hz	220/1/50									
Input Power	12Pa	W	22	30	36	44	56	67	78	88	114	139
	30Pa		26	34	42	51	65	73	91	101	140	166
	50Pa		29	40	49	61	80	90	101	125	173	208
Running Current	12Pa	A	0.10	0.14	0.16	0.20	0.25	0.30	0.35	0.40	0.52	0.63
	30Pa		0.12	0.15	0.19	0.23	0.30	0.33	0.41	0.46	0.64	0.75
	50Pa		0.13	0.18	0.22	0.28	0.36	0.41	0.46	0.57	0.79	0.95
Sound	12Pa	dB(A)	37	39	41	43	45	46	46	48	50	52
	30Pa		40	42	44	46	47	48	48	50	52	54
	50Pa		42	44	46	47	49	50	50	52	54	56
Fan Type			Centrifugal Fan									
Dim. (mm)□			Φ156*175									
Qty.			1	2	2	2	2	2	3	4	4	4
N.W.(without plenum box)		kg	9.0	11.5	12.0	13.5	14.5	16.0	21.0	22.0	25.0	27.0
N.W.(with plenum box)		kg	12.0	15.0	16.0	17.5	19.0	21.5	27.5	28.5	32.5	35.5
Water pipe Connection	Water in	in	ZG3/4"									
	Water out	in	ZG3/4"									
Drainage pipe(OD)		in	R23/4"									

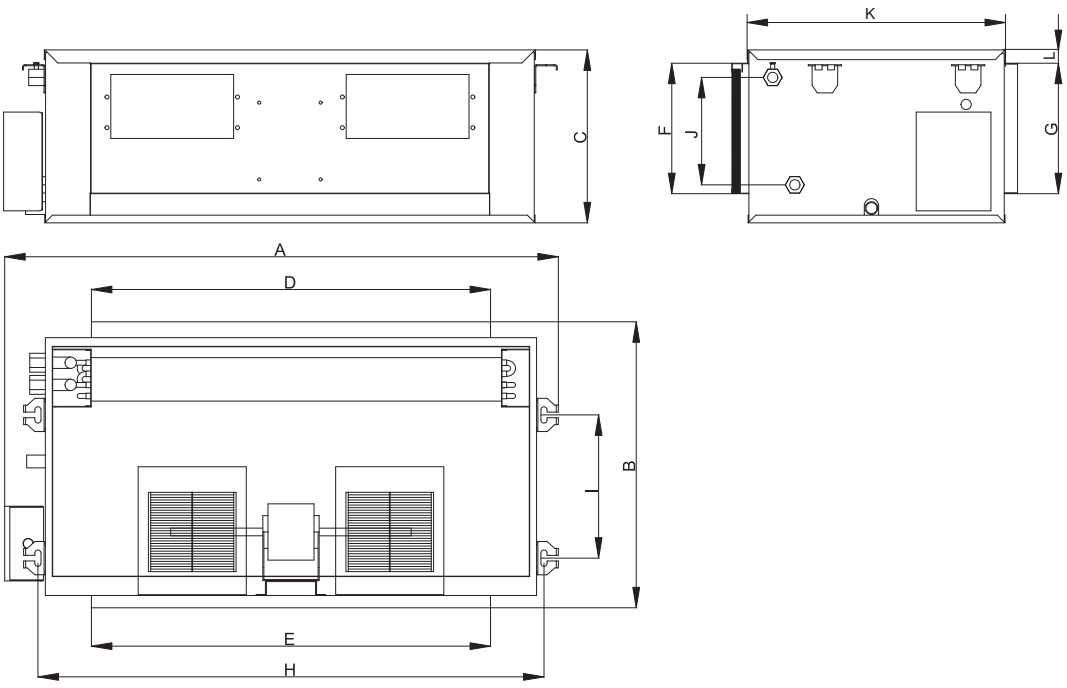
Testing Conditioning
1. Cooling: Inlet air temp. DB+27ºC/WB+19.5ºC, water entering temp. 7ºC/water leaving temp. 12ºC
2. Heating: Inlet air temp. DB+21ºC, water entering temp 60ºC/45ºC, same water flow rate as for the cooling

Model				FP-34WA	FP-51WA	FP-68WA	FP-85WA	FP-102WA	FP-119WA	FP-136WA	FP-170WA	FP-204WA	FP-238WA
2-Rows	Air flow rate	H	m³/h	345	510	680	860	1020	1180	1360	1720	2040	2380
		M		259	383	510	645	765	885	1020	1290	1530	1785
		L		173	255	340	430	510	590	680	860	1020	1190
	Cooling Capacity	H	kW	1.80	2.70	3.50	4.01	4.80	5.85	7.20	8.00	9.15	10.50
		M		1.44	2.16	2.80	3.21	3.84	4.68	5.76	6.40	7.32	8.40
		L		1.08	1.62	2.10	2.41	2.88	3.51	4.32	4.80	5.49	6.30
	Heating Capacity 60°C Water Entering	H	kW	2.70	4.05	5.25	6.02	7.20	8.78	10.80	12.00	13.73	15.75
		M		2.16	3.24	4.20	4.81	5.76	7.02	8.64	9.60	10.98	12.60
		L		1.62	2.43	3.15	3.61	1.32	5.27	6.48	7.20	8.24	9.45
	Heating Capacity 45°C Water Entering	H	kW	1.80	2.70	3.50	4.01	4.80	5.85	7.20	8.00	9.15	10.50
		M		1.44	2.16	2.80	3.21	3.84	4.68	5.76	6.40	7.32	8.40
		L		1.08	1.62	2.10	2.41	2.88	3.51	4.32	4.80	5.49	6.30
	Water Pressure Drop		kPa	30	28	30	27	30	40	40	40	40	50
	Water flow rate		L/h	367	486	678	706	839	1033	1271	1386	1584	1829
	Energy Efficiency Ratio Cooling	12Pa	(W/W)	46	55	52	49	47	43	45	48	45	44
		30Pa		38	44	43	43	41	42	42	42	40	39
		50Pa		37	38	40	39	38	35	38	36	34	32
	Heating 60°C Water Entering	12Pa		67	83	78	74	70	65	68	72	67	66
		30Pa		57	65	64	65	61	63	62	63	60	58
		50Pa		55	57	59	58	57	53	57	53	51	48
	Heating 45°C Water Entering	12Pa		45	55	52	49	47	43	45	48	45	44
		30Pa		38	44	43	43	41	42	42	42	40	39
		50Pa		37	38	40	39	38	35	38	36	34	32
	Electrical parameters Power Supply		V/Ph/Hz	220/1/50									
	Input Power	12Pa	W	36	44	60	74	93	120	140	150	190	225
		30Pa		43	57	74	86	108	125	154	170	210	252
		50Pa		45	66	81	97	118	150	170	204	245	291
	Running Current	12Pa	A	0.16	0.20	0.27	0.34	0.42	0.55	0.64	0.68	0.86	1.02
		30Pa		0.20	0.26	0.34	0.39	0.49	0.57	0.70	0.77	0.95	1.15
		50Pa		0.20	0.30	0.37	0.44	0.54	0.68	0.77	0.93	1.11	1.32
	Sound	12Pa	dB(A)	35	36	39	42	45	46	46	47.5	49.5	51
		30Pa		38	40.5	42	44.5	46	47.5	47	49.5	50.5	53
		50Pa		41	43.5	45.5	47	48	49	50	51	52.5	54
	Fan	Type		Centrifugal Fan Impeller									
		Dim.(mm)□		Φ156*175									
		Qty.		1	2	2	2	2	2	3	4	4	4
	N.W.(without plenum box)		kg	8.5	10.9	11.3	12.7	13.6	14.9	19.7	20.7	23.4	25.1
	N.W.(with plenum box)		kg	11.5	14.4	15.3	16.7	18.1	20.5	26.2	27.2	30.9	33.6
	Water pipe Connection	Water in	in	ZG3/4"									
		Water out	in	ZG3/4"									
	Drainage pipe(OD)		in	R23/4"									
3-Rows	Air flow rate	H	m³/h	340	510	680	850	1020	1190	1360	1700	2040	2380
		M		255	383	510	638	765	893	1020	1275	1530	1785
		L		170	255	340	425	510	595	680	850	1020	1190
	Cooling Capacity	H	kW	1.80	2.70	3.60	4.50	5.40	6.30	7.20	9.00	10.80	12.60
		M		1.44	2.16	2.88	3.60	4.32	5.04	5.76	7.20	8.64	10.08
		L		1.08	1.62	2.16	2.70	3.24	3.78	4.32	5.40	6.48	7.56
	Heating Capacity 60°C Water Entering	H	kW	2.70	4.05	5.40	6.75	8.10	9.45	10.80	13.50	16.20	18.90
		M		2.16	3.24	4.32	5.40	6.48	7.56	8.64	10.80	12.96	15.12
		L		1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.10	9.72	11.34
	Heating Capacity 45°C Water Entering	H	kW	1.80	2.70	3.60	4.50	5.40	6.30	7.20	9.00	10.80	12.60
		M		1.44	2.16	2.88	3.60	4.32	5.04	5.76	7.20	8.64	10.08
		L		1.08	1.62	2.16	2.70	3.24	3.78	4.32	5.40	6.48	7.56
	Water Pressure Drop		kPa	30	30	30	30	40	40	40	40	40	50
	Water flow rate		L/h	320	500	610	780	940	1100	1200	1650	1850	2150
	Energy Efficiency Ratio Cooling	12Pa	(W/W)	46	49	54	54	51	49	49	53	51	49
		30Pa		39	43	47	49	45	46	43	47	46	44
		50Pa		35	39	41	43	42	43	38	40	40	38
	Heating 60°C Water Entering	12Pa		68	73	81	82	76	74	73	79	77	72
		30Pa		58	65	70	73	68	69	64	70	69	66
		50Pa		53	59	61	64	63	64	58	60	60	57
	Heating 45°C Water Entering	12Pa		46	49	54	54	51	49	49	53	51	48
		30Pa		39	43	47	49	45	46	43	47	46	44
		50Pa		35	39	41	43	42	43	38	40	40	38
	Electrical parameters Power Supply		V/Ph/Hz	220/1/50									
	Input Power	12Pa	W	36	50	60	74	93	112	130	147	183	221
		30Pa		43	57	70	84	105	121	151	169	206	245
		50Pa		48	64	81	97	114	131	169	204	243	291
	Running Current	12Pa	A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00
		30Pa		0.20	0.26	0.32	0.38	0.48	0.55	0.69	0.77	0.94	1.11
		50Pa		0.22	0.29	0.37	0.44	0.52	0.60	0.77	0.93	1.10	1.32
	Sound	12Pa	dB(A)	37	39	41	43.5	43	45	46	46	48	52
		30Pa		40	42	44	37	46	47	48	48	50	54
		50Pa		42	44	46	32	47	49	50	50	52	56
	Fan	Type		Centrifugal Fan									
		Dim.(mm)□		Φ156*175									
		Qty.		1	2	2	2	2	2	3	4	4	4
	N.W.(without plenum box)		kg	9.0	11.5	12.0	13.5	14.5	16.0	21.0	22.0	25.0	27.0
	N.W.(with plenum box)		kg	12.0	15.0	16.0	17.5	19.0	21.5	27.5	28.5	32.5	35.5
	Water pipe Connection	Water in	in	ZG3/4"									
		Water out	in	ZG3/4"									
	Drainage pipe(OD)		in	R23/4"									

High Static Pressure Duct type FCU

AC
EC Optional

Dimensions:



Model	A	B	C	D	E	F	G	H	I	J	K	L
GFP–136WAV–4	1090	568	340	780	780	255	255	1000	280	213	504	26
GFP–170WAV–4	1190	568	340	880	880	255	255	1100	280	213	504	26
GFP–204WAV–4	1290	568	390	980	980	305	305	1200	280	260	504	26
GFP–238WAV–4	1450	688	390	1140	1000	305	305	1360	425	260	624	26
GFP–289WAV–4	1490	688	450	1180	1100	365	305	1400	425	310	624	26
GFP–340WAV–4	1620	863	450	1310	1200	365	305	1530	425	310	798	26
GFP–408WAV–4	1640	863	500	1330	1200	355	355	1550	575	360	798	26
GFP–510WAV–4	1940	863	500	1660	1500	355	355	1880	575	360	798	26

Unit: mm

Design Features

Centrifugal Fan

Well-known brand centrifugal fans, with galvanized steel and which is statically and dynamically balanced.

Condensate Drain Pan

Made of high quality steel plate, shape mould punched suitable for unit drainage.

High Efficiency Coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.

Performance Date:

Air Flow: 589 ~ 2982cfm
Cooling Capacity: 6.4KW~32.6KW
ESP: 110Pa

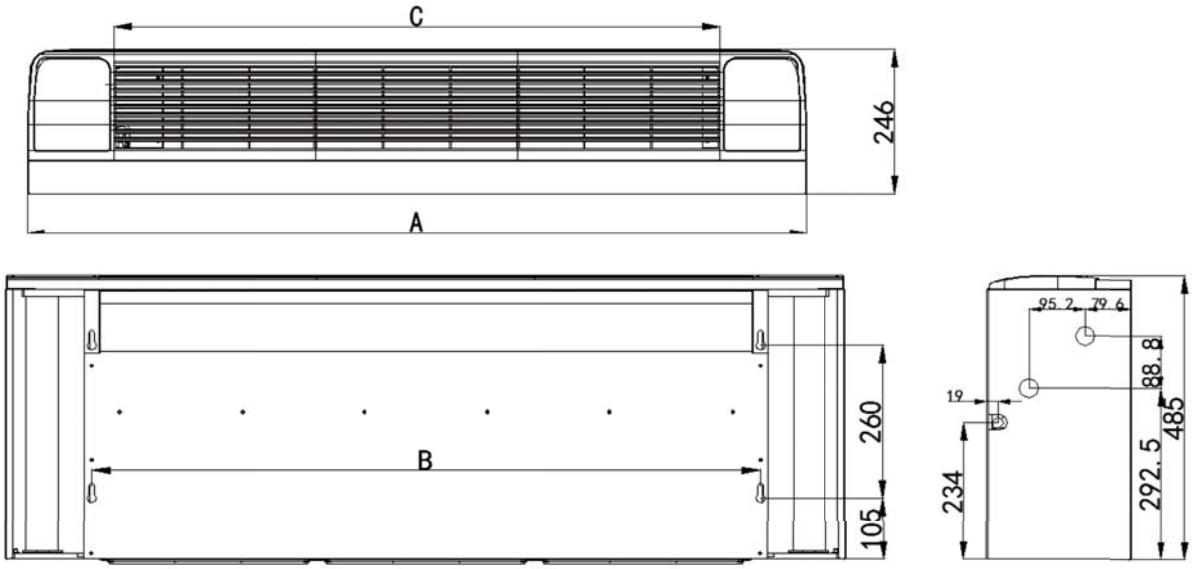
Model: GFP-*WAV-4				GFP-136WAV-4	GFP-170WAV-4	GFP-204WAV-4	GFP-238WAV-4	FP-289WAV-4	GFP-340WAV-4	GFP-408WAV-4	GFP-510WAV-4
CFM				589	892	1207	1415	1921	2111	2416	2982
Air Flow Rate		H	m^3/h	1001	1516	2053	2406	3267	3590	4108	5070
		M	m^3/h	892	1213	1643	1925	2613	2684	3286	3802
		L	m^3/h	669	910	1232	1444	1960	2013	2465	2851
Cooling	Total Capacity	H	KW	6.4	9.1	12.6	15.1	19.8	22.2	25.6	32.6
		M	KW	5.9	7.8	10.8	12.9	17.0	18.1	21.9	26.6
		L	KW	4.8	6.4	8.8	10.5	13.8	14.7	17.8	21.5
	Sensible Capacity	H	KW	4.5	6.5	8.8	10.5	13.9	15.4	17.7	22.3
		M	KW	4.1	5.5	7.5	8.9	11.7	12.4	15.0	18.0
		L	KW	3.3	4.4	6.0	7.1	9.4	9.9	12.0	14.3
	Water flow rate		l/h	1116	1584	2160	2592	3420	3816	4392	5616
	Water pressure drop		kPa	11.2	19.2	25.1	36.2	43.2	54.8	56.1	93.4
Heat	Heating Capacity	H	KW	9.7	13.7	18.8	22.6	29.7	33.3	38.3	48.9
		M	KW	8.9	11.7	16.1	19.3	25.5	27.2	32.8	39.8
		L	KW	7.2	9.6	13.1	15.7	20.7	22.1	26.7	32.2
Power supply				220~240V/1PH/50Hz(or 60HZ)							
Power Input			W	368	460	564	650	845	934	1128	1445
Sound pressure			dB(A)	50	52	55	58	59	60	64	68
Fan	Type			Centrifugal Fan							
	Model			SYP200/190-1	SYP200/190-1	SYP225/200J	SYP225/200J	SYP225/250J	SYP225/250J	SYP225/250J	SYP250/250J-1
	Quantity		Nr.	2	2	2	2	2	2	2	2
Motor	Type			3-speed Motor							
	Quantity		Nr.	1	1	1	1	1	1	1	1
Coil	Coil Rows		Nr.	4							
	Max. working pressure		MPa	1.6							
	Tuber Diameter		inch	3/8"							
Connection	Water inlet/outlet pipe		inch	ZG3/4" / ZG3/4"		ZG1" / ZG1"					
	Condensate discharge		inch	G3/4"							
Weight			kg	43	46	52	62	69	80	92	108

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling
3. Testing ESP: 110Pa

Universal FCU

AC EC Optional

Dimensions:



Unit: mm

Model	A	B	C	Height of unit feet
FP-34LM	1015	735	710	100
FP-51LM	1015	735	710	100
FP-68LM	1015	735	710	100
FP-85LM	1015	735	710	100
FP-102LM	1370	1090	1065	100
FP-119LM	1370	1090	1065	100
FP-136LM	1725	1445	1420	100
FP-170LM	1725	1445	1420	100
FP-204LM	2080	1800	1775	100
FP-238LM	2080	1800	1775	100

Design Features

Suitable for horizontal and/or vertical installation; inlet air grille is made of ABS; front air inlet or bottom air inlet (optional)

Air Filter	Synthetic removable and washable
Heat Exchanger	Copper tube and hydrophlic AL fins with air vent valve
Drain Pan	L-shape, suitable for horizontal/vertical installation
Fan and Motor	Centrifugal fan, 3 speed motor
Valve	2-way valve or 3-way valve (optional)
Control System	3 speed switch, thermostat, wireless remote control

Performance Date:

Air Flow: 200 ~ 1200cfm
Cooling Capacity: 2.0KW~10.80KW

Model					FP-34LM	FP-51LM	FP-68LM	FP-85LM	FP-102LM	FP-119LM	FP-136LM	FP-170LM	FP-204LM	FP-238LM
Air flow rate			H	m³/h	340	510	680	850	1020	1190	1360	1700	2040	2380
			M		255	383	510	638	765	893	1020	1275	1530	1785
			L		170	255	340	425	510	595	680	850	1020	1190
Cooling Capacity			H	kW	1.80	2.70	3.60	4.50	5.40	6.30	7.20	9.00	10.80	12.60
			M		1.44	2.16	2.88	3.60	4.32	5.04	5.76	7.20	8.64	10.08
			L		1.08	1.62	2.16	2.70	3.24	3.78	4.32	5.40	6.48	7.56
Heating Capacity	2 pipe	60°C water in	H	kW	2.70	4.05	5.40	6.75	8.10	9.45	10.80	13.50	16.20	18.90
			M		2.16	3.24	4.32	5.40	6.48	7.56	8.64	10.80	12.96	15.12
			L		1.62	2.43	3.24	4.05	4.86	5.67	6.48	8.10	9.72	11.34
		45°C water in	H	kW	1.80	2.70	3.60	4.50	5.40	6.30	7.20	9.00	10.80	12.60
			M		1.44	2.16	2.88	3.60	4.32	5.04	5.76	7.20	8.64	10.08
			L		1.08	1.62	2.16	2.70	3.24	3.78	4.32	5.40	6.48	7.56
Heating Capacity	4 pipe	60°C water in	H	kW	1.21	1.82	2.43	3.03	3.65	4.25	4.86	6.07	7.29	8.5
			M		0.97	1.46	1.94	2.42	2.92	3.40	3.88	4.86	5.83	6.8
			L		0.73	1.09	1.46	1.82	2.19	2.55	2.92	3.64	4.37	5.1
		45°C water in	H	kW	0.81	1.21	1.62	2.02	2.43	2.83	3.24	4.05	4.86	5.67
			M		0.65	0.97	1.29	1.62	1.94	2.26	2.59	3.24	3.89	4.54
			L		0.49	0.73	0.97	1.21	1.46	1.69	1.94	2.43	2.92	3.4
Water pressure drop				kPa	30	30	30	30	40	40	40	40	40	50
Water flow rate				L/h	320	500	610	780	940	1100	1200	1650	1850	2150
Energy Efficiency Ratio	2 pipe	Cooling		(W/W)	46	49	54	54	51	49	49	53	51	48
		Heating 60°C Water in			68	73	81	82	76	74	73	79	77	71
		Heating 45°C Water in			46	49	54	54	51	49	49	53	51	48
Energy Efficiency Ratio	4 pipe	Cooling		(W/W)	46	49	54	54	51	49	49	53	51	48
		Heating 60°C Water in			33	35	39	39	37	36	36	39	38	36
		Heating 45°C Water in			22	23	26	26	25	24	23	26	25	24
Electrical Parameters		Power Supply		V/Ph/Hz	220/1/50									
		Input Power		W	36	50	60	74	93	112	130	147	183	221
		Running Current		A	0.16	0.23	0.27	0.34	0.42	0.51	0.59	0.67	0.83	1.00
Sound				dB (A)	37	39	41	43	45	46	46	48	50	52
Fan		Type			Centrifugal fan impeller									
		Dim. (mm)			Φ156*175									
		Qty.			1	2	2	2	2	2	4	4	4	4
Motor		Qty.		dB (A)	1	1	1	1	1	1	2	2	2	2
Coil	2 pipe	Rows			1	2	3	3	3	3	3	3	3	3
	4 pipe	Rows			2+1	2+1	3+1	3+1	3+1	3+1	3+1	3+1	3+1	3+1
	Copper tube(OD)													
Dim.(with feet)			LxDxH)	mm	1015*584*246				1370*584*246		1725*584*246		2080*584*246	
N.W.(with feet)				kg	20.6		21.4		28.2		38.2		45.2	
Dim.(without feet)			(LxDxH)	mm	1015*484*246				1370*484*246		1725*484*246		2080*484*246	
N.W.(without feet)				kg	19.9		20.4		27.5		37.5		44.5	
Water pipe Connection		Water pipe in		in	ZG3/4"									
		Water pipe out		in	ZG3/4"									
Drainage pipe(OD)				mm	26									

Testing Conditioning
1. Cooling: Inlet air temp. DB+27ºC/WB+19.5ºC, water entering temp. 7ºC/water leaving temp. 12ºC
2. Heating: Inlet air temp. DB+21ºC, water entering temp 60ºC/45ºC, same water flow rate as for the cooling

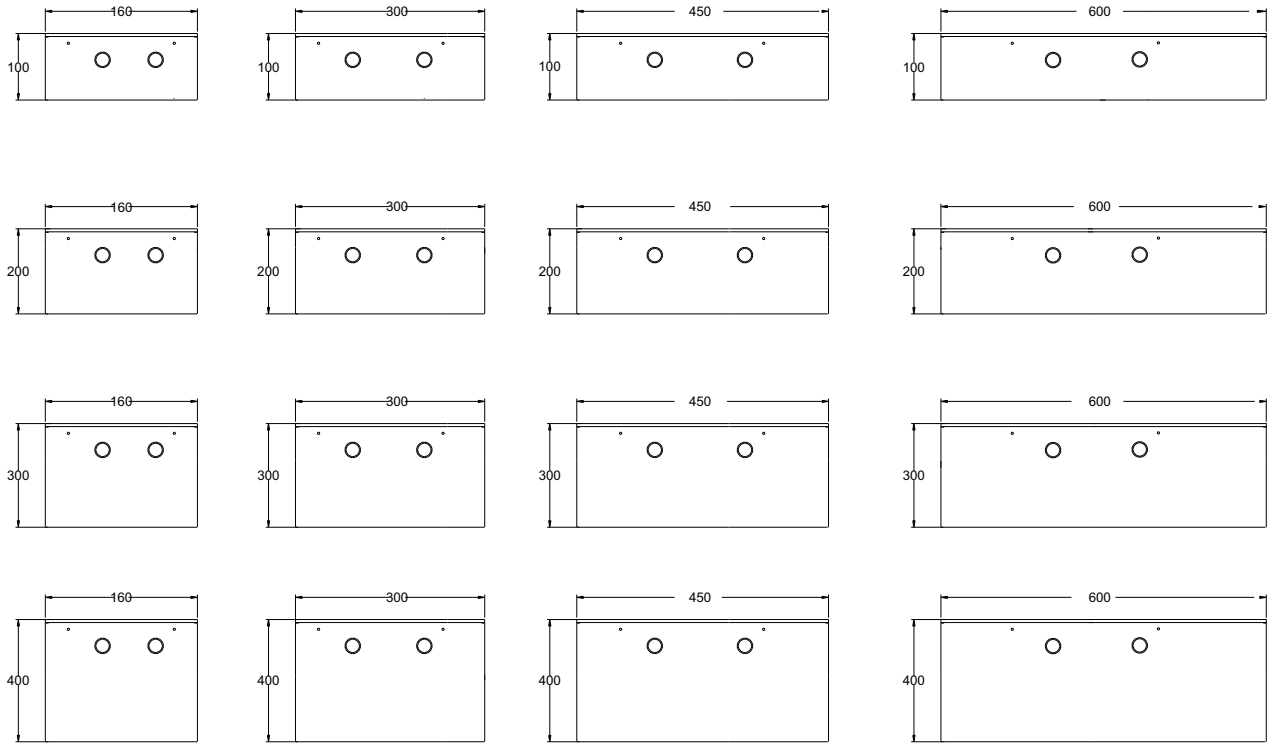
Radiating Floor Convector

Description

The radiator floor convector is used for heating the room by natural cross flow of the air through the heat exchanger. The convector is installed flush with the floor, saving the valuable space. There is no air moving noise and it provides a high level of comfort.

Dimensions:

Unit: mm



Performance Date:

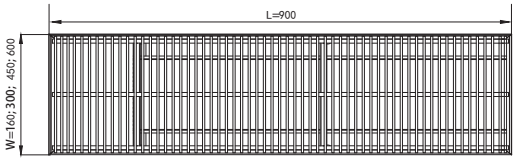
100 Series																
Model		AQ16				AQ30				AQ45				AQ60			
H*W	(mm)	100X160				100*300				100*450				100*600			
Length	mm	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250
Rated Heat	w	234	467	701	934	409	818	1227	1636	582	1165	1747	2329	770	1539	2309	3078

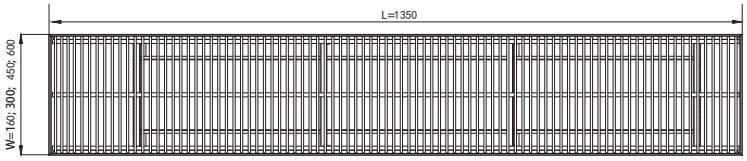
200 Series																
Model		BQ16				BQ30				BQ45				BQ60			
H*W	(mm)	200*160				200*300				200*450				200*600			
Length	mm	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250
Rated Heat	w	325	650	974	1209	576	1153	1729	2306	812	1623	2435	3246	971	1943	2914	3885

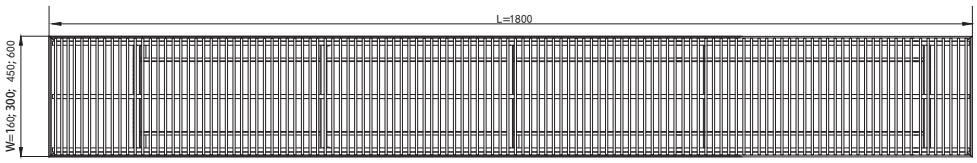
300 Series																
Model		CQ16				CQ30				CQ45				CQ60			
H*W	(mm)	300*160				300*300				300*450				300*600			
Length	mm	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250
Rated Heat	w	295	590	885	1180	520	1040	1560	2080	761	1523	2284	3046	1025	2050	3074	4099

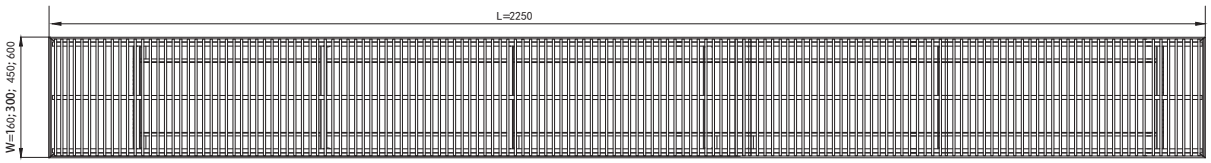
400 Series																
Model		DQ16				Dq30				Dq45				Dq60			
H*W	(mm)	400*160				400*300				400*450				400*600			
Length	mm	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250	900	1350	1800	2250
Rated Heat	w	435	870	1305	1740	777	1554	2331	3108	1222	2445	3667	4889	1493	2986	4479	5972

Unit: mm

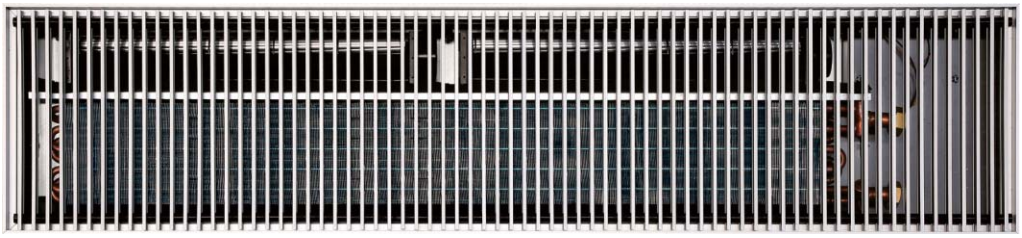








Fan Powered Floor Convector

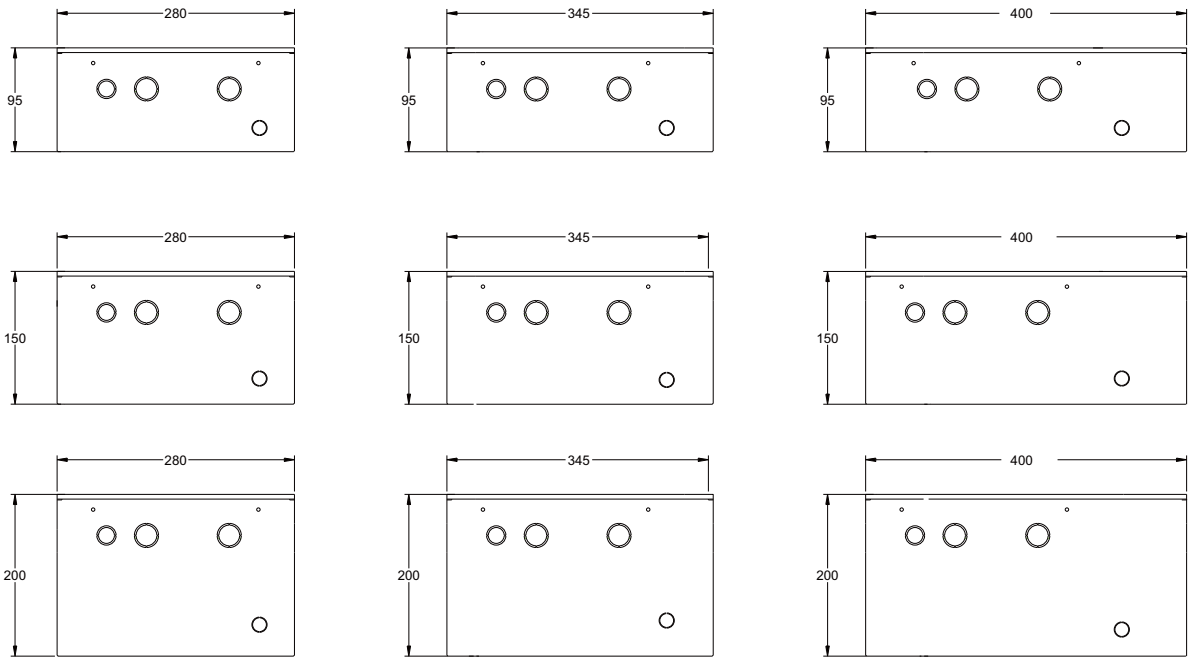


Description

The fan powered floor convector can be bused for heating and cooling. The heat exchanging capacity is enhanced by forced air movement. It is installed flush with the floor, saving the space.

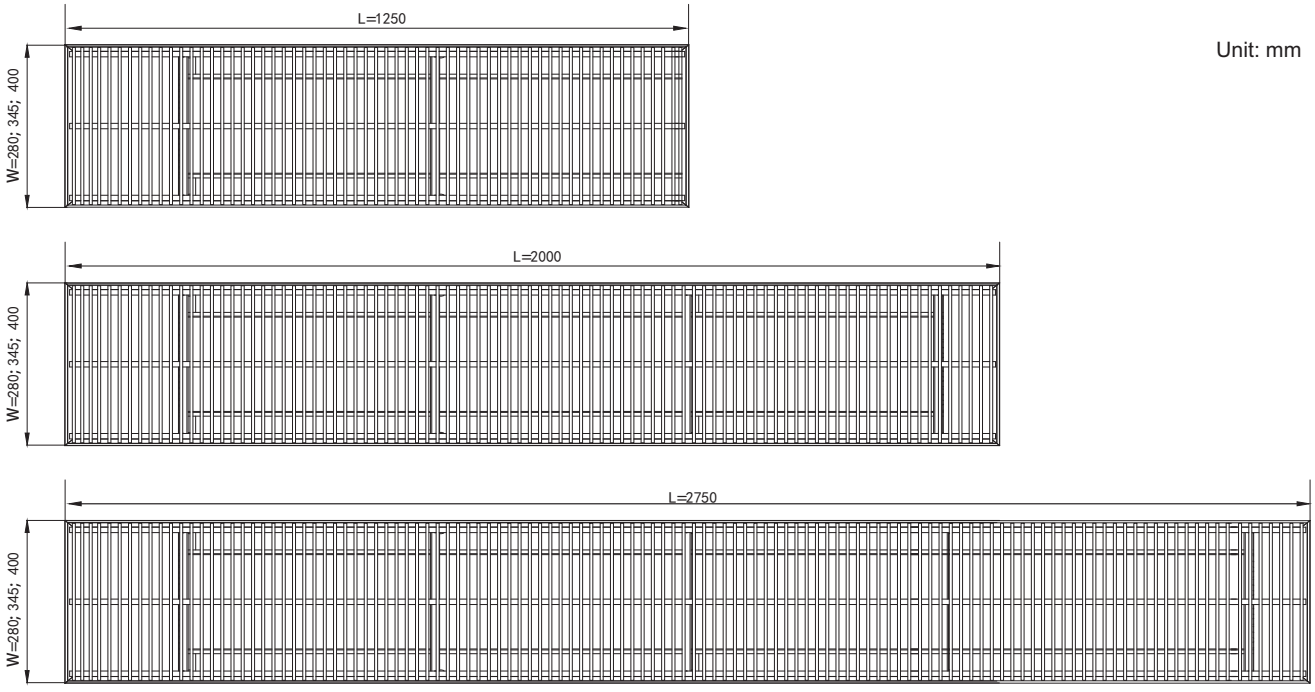
Dimensions:

Unit: mm



Performance Date:

FJ Series										
H xW (mm)		95*280			150*345			200*400		
Length mm		1250	2000	2750	1250	2000	2750	1250	2000	2750
Air Flow Volume m3/h		200	400	600	350	700	1050	600	1200	1800
Rated Heating w	55/45°C	925	1850	2650	2373	4747	7120	3792	7584	11376
Rated Cooling w	7/12°C	714	1428	1942	1856	3712	5568	2780	5560	8340
	16/45°C	328	657	915	854	1708	2561	1279	2558	3836
Input Power W		14	28	35	30	60	90	50	100	150
Sound Pressure dB(A)		36	39	42	48	50	51	49	51	52
Water Pressure Drop (kPa)	Cooling	6	14	21	13	18	20	17	24	26
	Heating	5	12	15	11	17	17	16	22	25
Unit Net Weight kg		21	32	42	35	55	75	42	65	88



Unit: mm

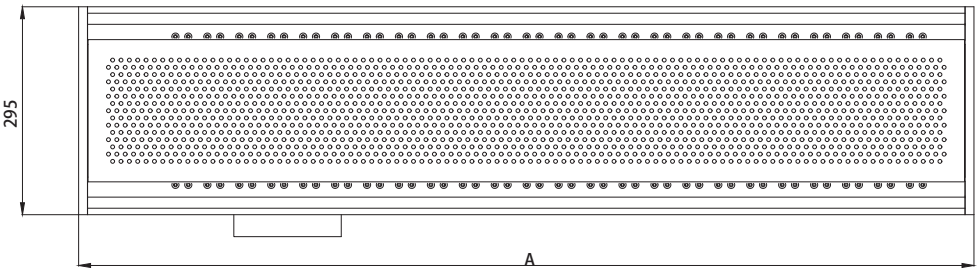
Induced Chilled Beam

Description

The induced chilled beam works by forming the negative pressure near the heat exchager from the fresh air or the air condition's air flow through the inducing holes. This induces the heat exchanges by the indoor air and heat exchanger to achieve the air conditioning. Such a system does not have fans, has a low noise and reaches a higher level of the comfort.

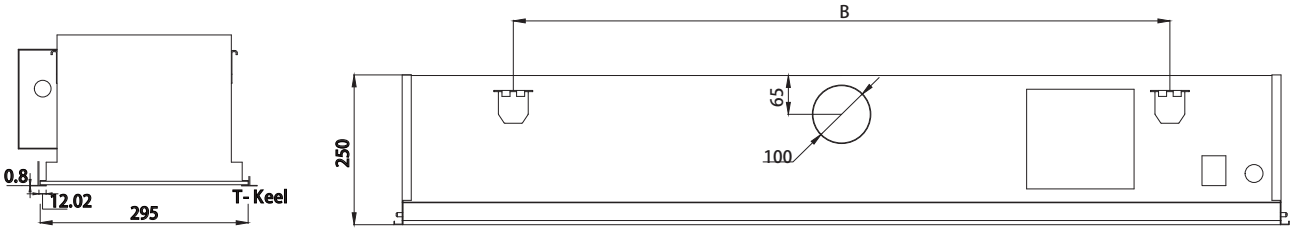
Dimensions:

单位:mm



A=1200;1500;1800;2100mm

B=A-400mm



Performance Date:

Unit Dim. (mm)			Primary air temperature different															
L	M	H	4				6				8				10			
1200	295	250	Water temperature different ΔT															
Nozzle	Noise dB(A)	Volume m3/h	4	6	8	10	4	6	8	10	4	6	8	10	4	6	8	10
S	30	40	149	196	244	291	176	223	271	318	203	250	298	345	230	277	325	372
	40	60	214	280	346	412	254	320	386	452	295	361	427	493	336	402	468	534
	47	80	275	358	442	525	330	413	496	579	384	467	550	634	438	522	605	688
M	30	80	238	302	366	431	292	356	421	485	346	411	475	540	401	465	530	594
	37	100	290	367	444	521	358	435	512	589	426	503	580	657	494	571	648	725
	43	120	342	431	520	609	423	512	602	691	505	594	683	772	586	676	765	854
L	34	100	277	348	418	489	345	416	486	557	413	484	554	625	481	552	622	693
	40	120	327	409	490	572	408	490	572	654	490	572	654	735	572	653	735	817
	46	140	376	468	561	653	471	563	656	749	566	659	751	844	661	754	846	939

Unit Dim. (mm)			Primary air temperature different															
L	M	H	4				6				8				10			
1500	295	250	Water temperature different ΔT															
Nozzle	Noise		4	6	8	10	4	6	8	10	4	6	8	10	4	6	8	10
S	34	60	228	301	374	447	268	341	414	487	309	382	455	528	350	423	496	569
	41	80	293	385	478	570	348	440	532	624	402	494	586	679	456	549	641	733
	47	100	356	467	577	687	424	535	645	755	492	603	713	823	560	671	781	891
M	29	100	307	393	478	564	375	461	546	632	443	529	614	700	511	597	682	768
	38	130	388	494	600	705	476	582	688	794	564	670	776	882	653	758	864	970
	43	150	441	559	678	796	543	661	780	898	645	763	882	1000	747	865	984	1102
L	32	120	345	436	526	617	426	517	608	699	508	599	690	780	590	680	771	862
	40	150	421	529	638	746	523	631	740	848	625	733	842	950	727	835	944	1052
	46	180	496	622	748	873	618	744	870	996	740	866	992	1118	863	988	1114	1240

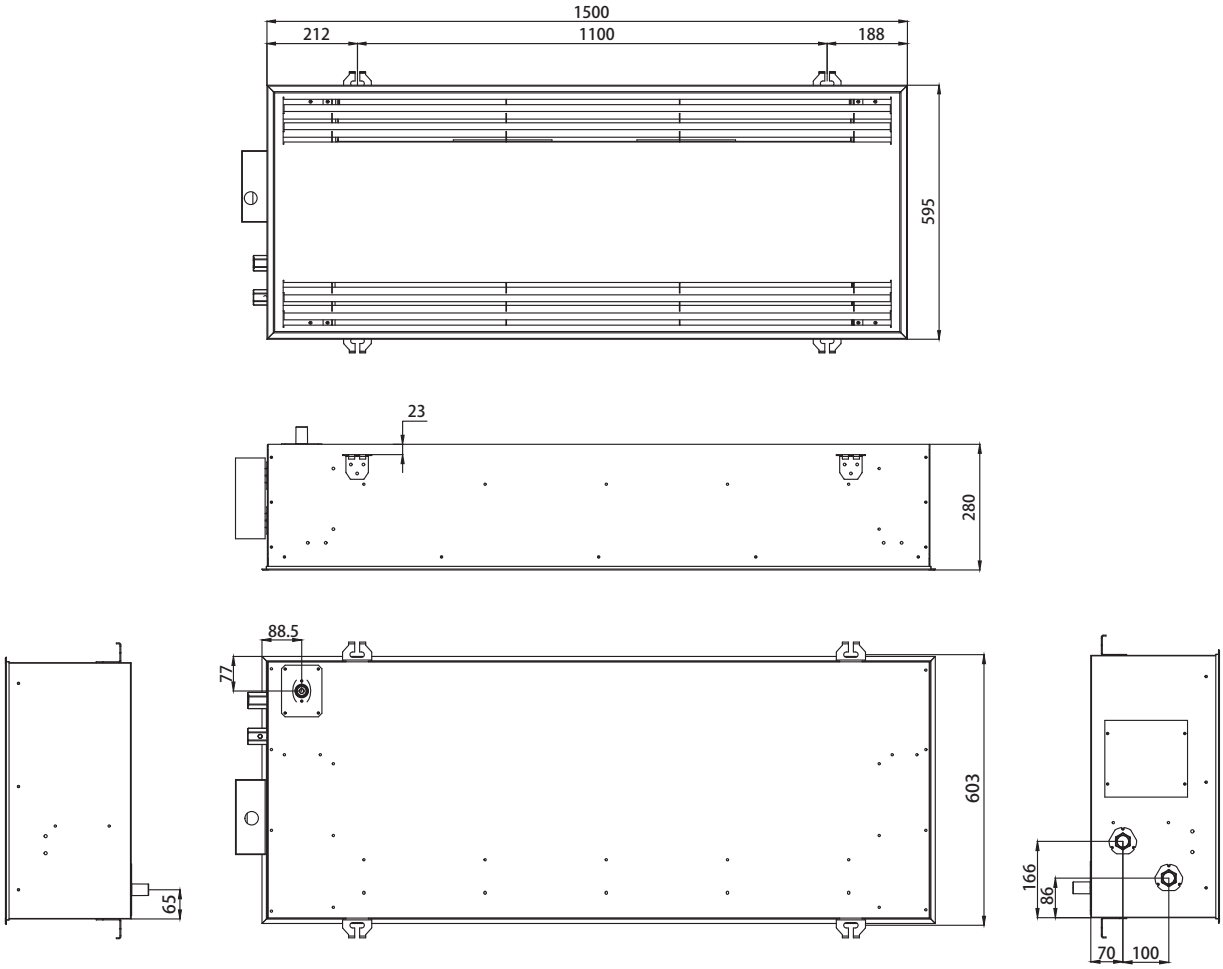
Unit Dim. (mm)			Primary air temperature different															
L	M	H	4				6				8				10			
1800	295	250	Water temperature different ΔT															
Nozzle	Noise		4	6	8	10	4	6	8	10	4	6	8	10	4	6	8	10
S	31	80	301	397	493	589	355	451	547	643	410	506	602	698	464	560	656	752
	39	100	366	480	595	710	434	548	663	778	502	616	731	846	570	684	799	914
	45	120	429	562	695	828	511	644	777	910	592	725	858	991	674	807	940	1073
M	41	120	369	472	575	678	451	554	657	760	532	635	738	841	614	717	820	923
	46	150	451	575	698	822	553	677	800	924	655	779	902	1026	757	881	1004	1128
	50	180	530	673	816	958	652	795	938	1081	774	917	1060	1203	897	1039	1182	1325
L	37	140	404	511	618	725	500	607	714	821	595	702	809	916	690	797	904	1011
	44	180	506	637	768	899	629	760	891	1022	751	882	1013	1144	873	1004	1135	1266
	48	210	582	730	878	1026	724	872	1021	1169	867	1015	1163	1311	1009	1158	1306	1454

Unit Dim. (mm)			Primary air temperature different															
L	M	H	4				6				8				10			
2100	295	250	Water temperature different ΔT															
Nozzle	Noise		4	6	8	10	4	6	8	10	4	6	8	10	4	6	8	10
S	30	90	340	448	557	666	401	509	618	727	462	570	679	788	523	631	740	849
	40	120	438	575	713	850	520	657	794	932	601	739	876	1013	683	820	958	1095
	45	140	502	657	813	968	597	752	908	1064	692	848	1003	1159	787	943	1098	1254
M	40	130	404	518	632	746	493	607	721	835	581	695	809	923	669	783	897	1011
	47	180	540	688	836	984	663	811	959	1107	785	933	1081	1229	907	1055	1203	1351
	49	200	594	756	917	1078	730	892	1053	1214	866	1028	1189	1350	1002	1164	1325	1486
L	37	160	462	585	707	830	570	693	816	938	679	801	924	1047	787	910	1032	1155
	43	200	566	713	860	1007	702	849	996	1143	838	985	1132	1279	974	1121	1268	1415
	48	240	677	848	1018	1189	845	1016	1186	1357	1013	1184	1354	1525	1181	1352	1522	1693

Active Chilled Beam

Dimensions:

Unit: mm



Description

Active chilled beam can be used for both heating and cooling. The fan drives the heat exchanging with a higher capacity. It can be used for both dry and wet cooling conditioning.
It can be equpped with drain pump and is eady to install, has a low noise level and high level of comfort.

Performance Date:

Cooling		Temperature Difference (K)								
		4	5	6	7	8	9	10	11	12
Air Flow Volume (m3/h)		Heating Capacity (W)								
H	345	355	438	525	610	685	775	865	950	1085
M	274	295	365	438	510	580	650	725	790	813
L	205	230	275	340	400	460	515	565	625	680

Heating		Temperature Difference (K)								
		20	25	30	35	40	45	50	55	60
Air Flow Volume (m3/h)		Heating Capacity (W)								
H	345	1750	2200	2650	3100	3570	4000	4480	4930	5400
M	274	1475	1825	2200	2600	2980	3360	3740	4120	4500
L	205	1150	1420	1720	2030	2320	2620	2920	3220	3520

Yilaide®

AC INDOOR UNIT

- for refrigerant system


Yilaide
亿莱德

Floor standing indoor unit

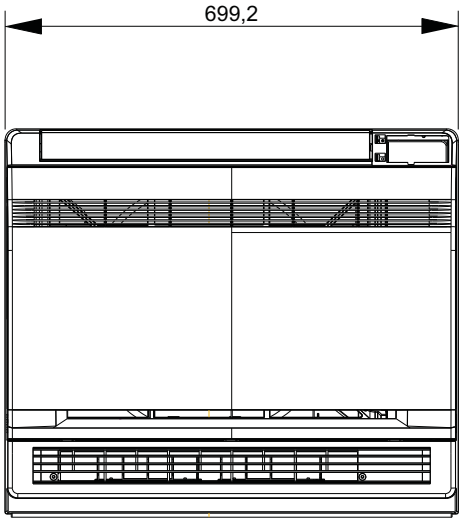
AC
EC Optional

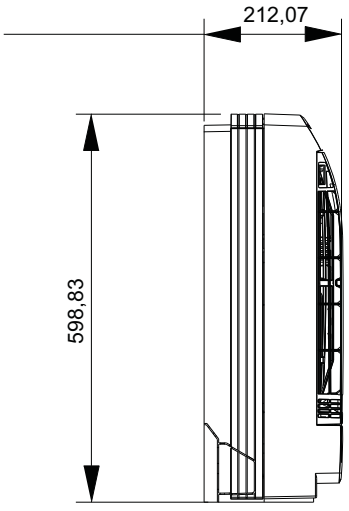
Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm





Design Features

Suitable for refrigerant system

Safety and environmental protection
Use new efficient environmental protection refrigerants and clean energy to lead low-carbon life. Without destroying the ozone layer, and the ozone layer destruction potential value is 0, can reduce the greenhouse effect effectively.

Panel Assembly
One-to-one unit, small occupied space, no need to destroy the structure of the house and easy installation

Easy Maintenance
Simple structure and easy maintenance

No infrastructure investment
Little impact on the power grid, no need to do the power grid renovation

DC Inverter Technology
Both indoor unit and outdoor unit adopt brushless DC motor for high efficiency and energy saving. It can reach Class 1 energy efficiency at the heating season, and can reduce operating noise effectively.

Low temperature heating, no attenuation
Through the reliability design, the unit can keep the heating capacity with no attenuation when the outdoor temperature is -20°C.

Size	Rated Heating	H Temp. Heating	L Temp. Heating	Remark
	Outdoor-20°C	Outdoor 7°C	Outdoor -20°C	
30	2980W	2980W	2980W	L Temp.-20°C Keep getting the heating capacity
40	4150W	4150W	4150W	

Performance Date:

Model				YLD-30DZW	YLD-40DZW
Seasonal energy efficiency			W/W	3.25	3.25
Heating Capacity	Low Temperature	-20	W	2980	4150
	Rated Load	-14(107%)		3250	4280
	The Rated	-12		2980	4150
	High Temperature	7		2980	4150
	High Temperature	2		6600	7500
	The minimum	7		400	400
	Part of the load	-7(83%)		2700	3320
		2 (52%)		1680	2080
		7 (34%)		1120	1360
Heating Power	Low Temperature	-20		1500	2000
	Rated Load	-14(107%)		1380	1960
	The Rated	-12		1364	1818
	High Temperature	7		833	1111
	High Temperature	2		2550	2680
	The minimum	7		90	90
	Part of the load	-7(83%)		1035	1300
		2(52%)		430	525
		7(34%)		215	260
Energy Efficiency	High Temperature	7		3.6	3.6
	Rated Load	-12		2.2	2.2
	Low Temperature	-20		2.0	2.0
Circulating air volume			m^3/h	630	650
Weight	Indoor Unit		kg	15	15
Indoor unit Sound Pressure	Mute		dB(A)	24	24
	L			29	29
	M			34	34
	H			38	38
	Super			42	42
Indoor unit Dimensions	Width		mm	705	705
	Height			605	605
	Deep			220	220

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

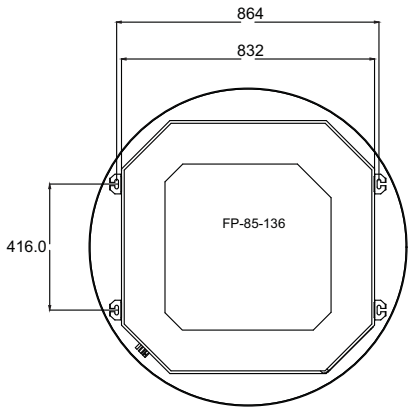
360° Round Cassette Indoor unit

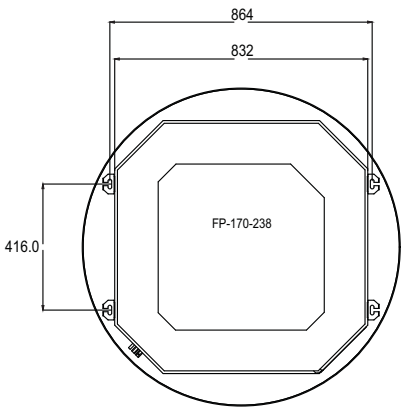
Control System:

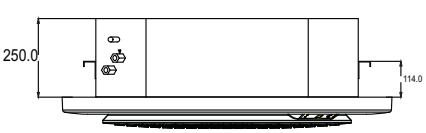
1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board
6. RS485 ModBus, master-slave network control-Optional

Dimensions:

Unit: mm







Design Features

Round Cassette with an innovative 360° airflow ensures optimal air conditioning which also eliminates dead zones. 360 degree directional wind coming out from circular heat exchanger can deliver air evenly throughout every corner in any space. Suitable for refrigerant system.

Unit Body
Made of Galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel Assembly-with digital LED display
Aesthetic panel design, in ABS material with synthetic washable and removal air filter and equipped with digital LED display.

Plastic Wheel-Quite running
One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is added in the hub to ensure less vibration, low noise on the wheels and motors.

Fresh air intake
Fresh air intake is standard for the unit

Circular Heat Exchanger
High efficiency circular coil are made of copper tubes and high exchange surface area aluminum blue fins. With built-in EEV, external EEV is optional.

Condensate Drain Pan
In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and Float Switch
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Performance Date:

Model			KFP-71QY	KFP-120QY
Air Flow Rate(H/M/L)		m^3/h	1360	1700
Cooling	Cooling Capacity	kW	7.1	12
Heating	Heating Capacity	kW	7.8	13
Fan	Type		Centrifugal Fan	
	Model	mm	Φ450*138	Φ476*169
	Qty.		1	
Electric	Power Supply	V/Ph/Hz	220/1/50	
	Input Power	W	132	152
	Current	A	0.58	0.78
Sound Pressure		dB(A)	45	47
Control			Wireless remote control(wired wall control is optional)	
Unit Dimensions (LXWXH)		mm	835*835*255	835*835*290
Panel Dimensions (LXWXH)		mm	1100*105	
Net Weight		kg	28	29.5
Water Connection	Liquid Pipe	in	3/8″	3/8″
	Gas Pipe	in	5/8″	3/4″
Drian pipe(OD)		mm	26	

1.Cooling: inlet air temp. DB+27°C/WB+19.5°C, water inlet/outlet temp. +7°C/+12°C
2. Heating: +21°C, water inlet temp. +60°C; Same water flow rate as for the cooling

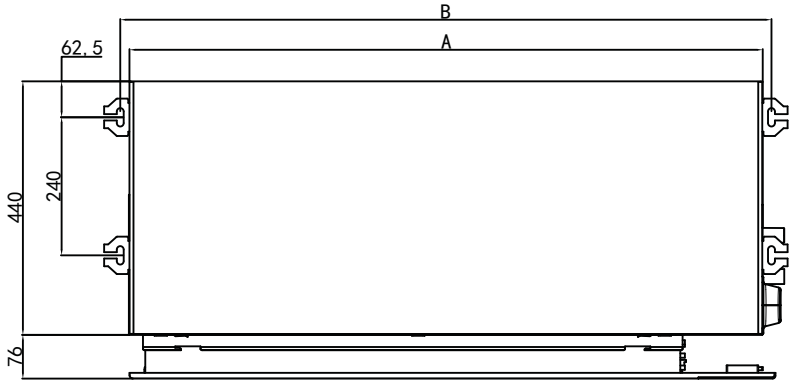
Ultra-thin Concealed duct Indoor Unit

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control; with room sensor & coil sensor;
4. daily timer or weekly timer
5.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm



Design Features

Ultra-thin, ceiling concealed type indoor unit, suitable for refrigerant system

Centrifugal Fan
Well-known brand centrifugal fan with statically and dynamically balanced.

High Efficiency Coil
Coil are made of copper tubes and high exchange surface area aluminum blue fins.

Drain Pan
Steel drain pan with powder coating for easy cleaning and corrosion resistance, anti-rust. The drain pan is insulated to prevent condensation water.

Drain pump
700mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking.

Performance Date:

Cooling Capacity: 2.8KW ~7.1KW
Static Pressure: 10-30Pa

Model				KFR-28QW	KFR-50QW	KFR-71QW
Air Flow Rate		H	m^3/h	510	850	1360
		M		390	680	1030
		L		260	490	590
Cooling	Cooling Capacity		KW	2.8	5	7.1
Heating	Heating Capacity		KW	3.1	5.5	7.8
Fan		Type		Centrifugal Fan		
		Model		YPB145-145		
		Qty.		2	2	3
Electric	Power Supply		V/Ph/Hz	220/1/50		
	Input Power		W	52	76	132
	Current		A	0.24	0.35	0.58
Sound Pressure			dB(A)	37	43	46
Unit Dimensions			A	700	900	1100
			B	732	932	1132
Control				Wireless remote control(wired wall contraol is optional)		
Net Weight			Kg	15.9	19	23
Water Connection		Liquid Pipe	inch	1/4"	1/4"	3/8"
		Gas Pipe	inch	3/8"	1/2"	5/8"
Drian pipe(OD)			mm	26		

1.Cooling: inlet DB/WB: +27°C/+19°C, Outlet DB/WB:. +35°C/+24°C
2. Heating: inlet DB/WB: +20°C, outlet DB/WB: +7°C/6°C;

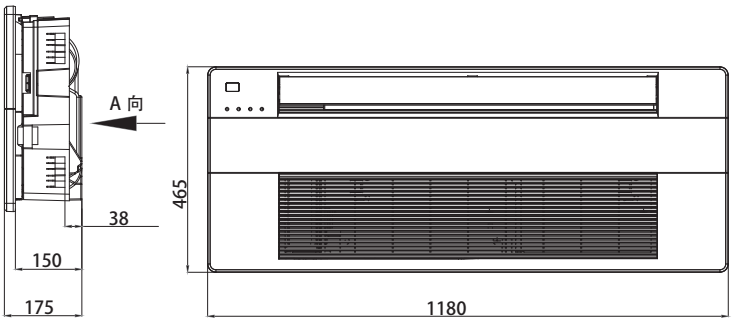
1-Way Cassette Indoor Unit-Slim type

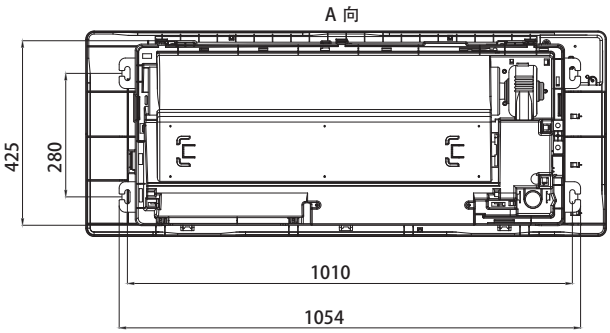
Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control;
4.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm





Design Features

Suitable for refrigerant system

Air Filter: Synthetic removable and washable
Housing: Galvanized steel with high density foam insulation inside
Heat Exchanger: Copper tube and hydrophilic AL fins, built-in or external electric expansion valve(optional)
Drain Pan: High density polystyrene foam
Drain pump: 70cm head, with float switch and no return valve
Fan/Motor: Centrifugal fan, 3 speed motor or 5 speed motor
Control System: Main board, transformer, built-in electric control.

Performance Data

Model: KFR-*Q1/S				KFR-32Q1/S	KFR-40Q1/S
Cooling	Cooling Capacity	KW		3.2	4.0
Heating	Heating Capacity	KW		3.5	4.5
Blower	Type			Cross flow Fan	
	Dia.	mm		Ø97	Ø97
	Qty.			1	1
Electric Parameter	Power Supply	V/Ph/Hz		220~240V/1PH/50Hz	
	Input Power	W		45	50
	Current	A		0.24	0.28
Air Flow		m^3/h	H	510	680
			M	400	520
			L	300	400
Sound Pressure		dB(A)			
Control Mode				Remote controller and wired wall controller	
Unit Dim.(LxWxH)		mm		1054x425x169	
Panel Dim.		mm		1180x465x25	
Net Weight		KG		14	
Water Connection	Liquid Pipe	in		1/4”	
	Gas Pipe	in		1/2”	
	Drain Pipe	mm		26	

1.Cooling: inlet DB/WB: +27°C/+19°C, Outlet DB/WB:. +35°C/+24°C
2. Heating: inlet DB/WB: +20°C, outlet DB/WB: +7°C/6°C;

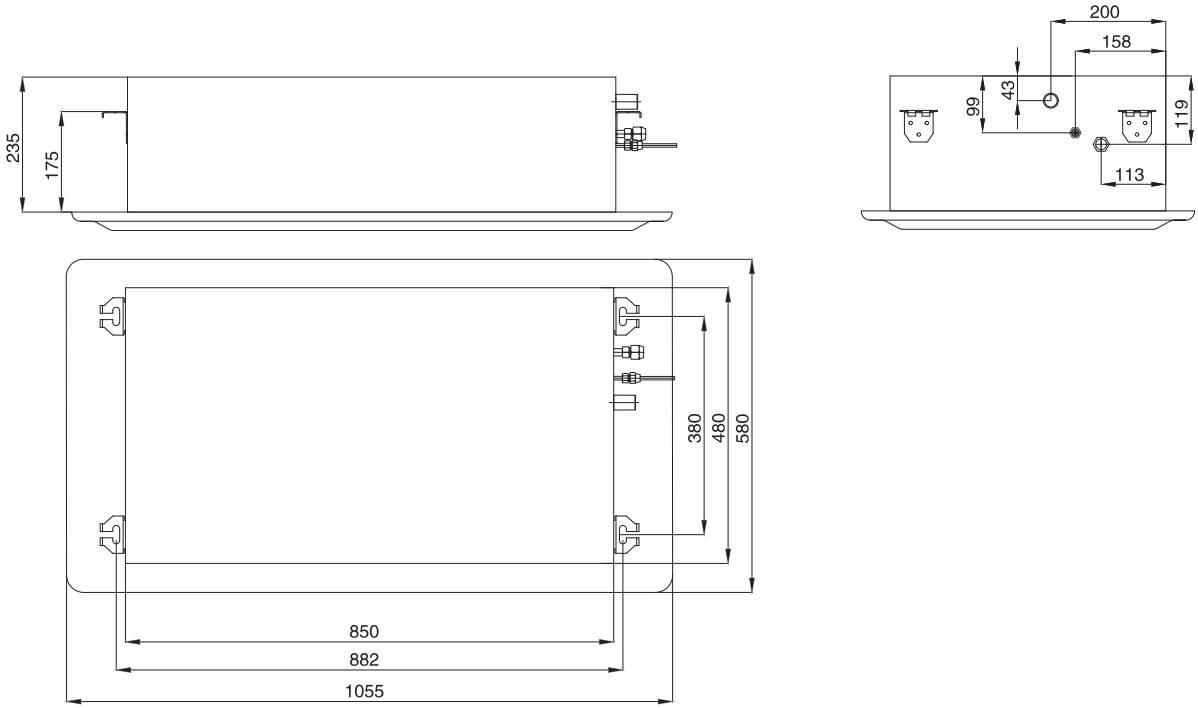
1-Way Cassette Indoor Unit-Normal type

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control;
4.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm



Design Features

Suitable for refrigerant system

Air Filter: Synthetic removable and washable
Housing: Galvanized steel with high density foam insulation inside
Heat Exchanger: Copper tube and hydrophilic AL fins, built-in or external electric expansion valve(optional)
Drain Pan: High density polystyrene foam
Drain pump: 70cm head, with float switch and no return valve
Fan/Motor: Centrifugal fan, 3 speed motor or 5 speed motor
Control System: Main board, transformer, built-in or external electric control.

Performance Data

Model: KFR-*Q1/A				KFR-28Q1/A	KFR-35Q1/A	KFR-50Q1/A
Cooling	Cooling Capacity	KW		2.8	3.5	5.0
Heating	Heating Capacity	KW		3.1	4.0	5.5
Blower	Type			Centrifugal Fan		
	Dia.	mm		Ø155	Ø155	Ø155
	Qty.			2	2	2
Electric Parameter	Power Supply	V/Ph/Hz		220~240V/1PH/50Hz(or 60HZ)		
	Input Power	W		54	62	76
	Current	A		0.24	0.28	0.35
Air Flow		m^3/h	H	510	680	800
			M	400	520	650
			L	300	400	500
Sound Pressure		dB(A)		39	40	42
Control Mode				Remote controller and wired wall controller		
Unit Dim.(LxWxH)		mm		850x480x235		
Panel Dim.		mm		1055x580x30		
Net Weight		KG		23	23	23
Water Connection	Liquid Pipe	in		1/4”	1/4”	1/4”
	Gas Pipe	in		3/8”	1/2”	1/2”
	Drain Pipe	mm		26		

1.Cooling: inlet DB/WB: +27°C/+19°C, Outlet DB/WB:. +35°C/+24°C
2. Heating: inlet DB/WB: +20°C, outlet DB/WB: +7°C/6°C;

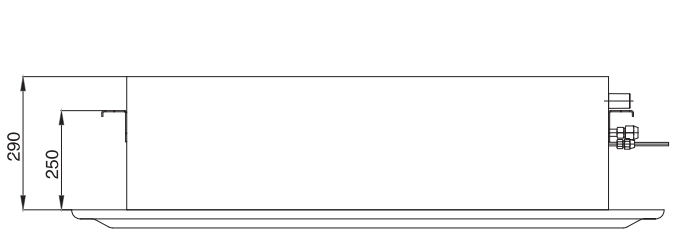
2-Way Cassette Indoor Unit

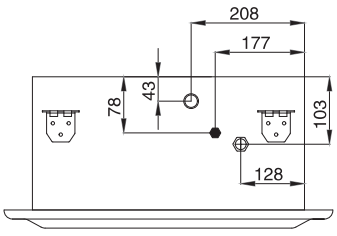
Control System:

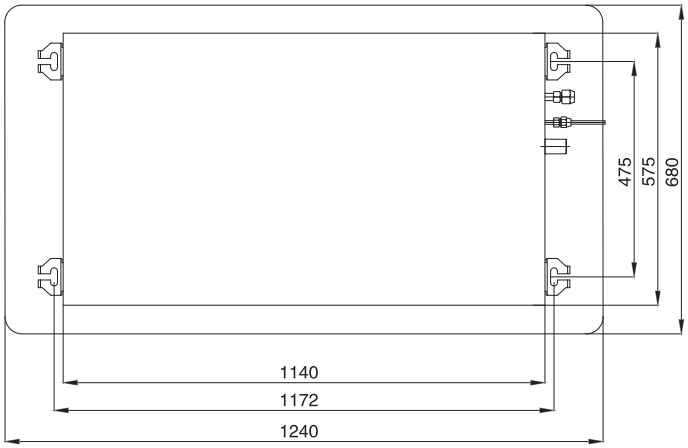
1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control;
4.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm







Design Features

Suitable for refrigerant system
Air Filter: Synthetic removable and washable
Housing: Galvanized steel with high density foam insulation inside
Heat Exchanger: Copper tube and hydrophilic AL fins, built-in or external electric expansion valve(optional)
Drain Pan: High density polystyrene foam
Drain pump: 70cm head, with float switch and no return valve
Fan/Motor: Centrifugal fan, 3 speed motor or 5 speed motor
Control System: Main board, transformer, external electric control.

Performance Data

Model: KFR-*Q2/A				KFR-28Q2/A	KFR-35Q2/A	KFR-50Q2/A	KFR-71Q2/A
Cooling	Cooling Capacity	KW		2.8	3.5	5.0	7.1
Heating	Heating Capacity	KW		3.1	4.0	5.5	7.8
Blower	Type			Centrifugal Fan			
	Dia.	mm		Ø155	Ø155	Ø155	Ø155
	Qty.			2	2	2	2
Electric Parameter	Power Supply	V/Ph/Hz		220~240V/1PH/50Hz(or 60HZ)			
	Input Power	W		55	62	70	110
	Current	A		0.26	0.29	0.31	0.49
Air Flow		m^3/h	H	490	640	850	1360
			M	370	490	640	1050
			L	280	370	490	800
Sound Pressure		dB(A)		37	40	43	46
Control Mode				Remote controller and wired wall controller			
Unit Dim.(LxWxH)		mm		1140x575x290			
Panel Dim.		mm		1240x680x30			
Net Weight		KG		32	32	34	34
Water Connection	Liquid Pipe	in		1/4”	1/4”	1/4”	3/8”
	Gas Pipe	in		3/8”	1/2”	1/2”	5/8”
	Drain Pipe	mm		26			

1.Cooling: inlet DB/WB: +27°C/+19°C, Outlet DB/WB:. +35°C/+24°C
2. Heating: inlet DB/WB: +20°C, outlet DB/WB: +7°C/6°C;

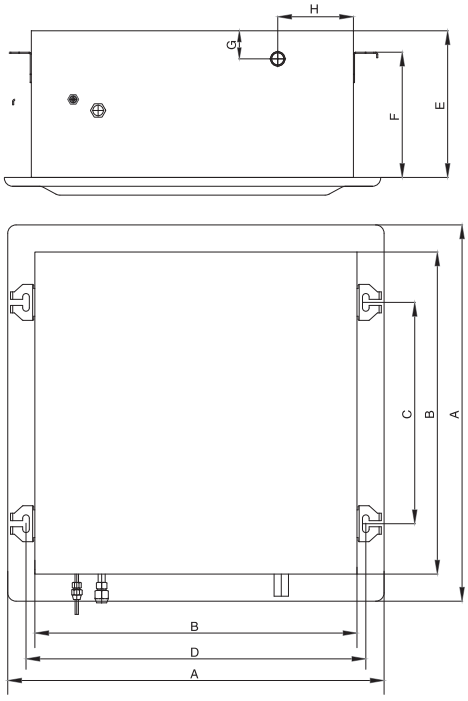
4-Way Cassette Indoor Unit

Control System:

1. Wireless remote controller is standard;
2. Wired wall controller is optional;
3. Auto reset, operation mode control;
4.auto-diagnose, protections and error code disply; jumpers configurations on electronic board

Dimensions:

Unit: mm



Dim.	KFR-28Q4/C KFR-35Q4/C KFR-50Q4/C	KFR-71Q4/C KFR-75Q4/C	KFR-120Q4/C KFR-140Q4/C KFR-180Q4/C
A	680	830	980
B	582	712	827
C	400	544	655
D	614	744	859
E	265	290	290
F	255	220	220
G	51	89	88
H	137	142	146

Design Features

Suitable for refrigerant system
Air Filter: Synthetic removable and washable
Housing: Galvanized steel with high density foam insulation inside
Heat Exchanger: Copper tube and hydrophilic AL fins, built-in or external electric expansion valve(optional)
Drain Pan: High density polystyrene foam
Drain pump: 70cm head, with float switch and no return valve
Fan/Motor: Centrifugal fan, 3 speed motor or 5 speed motor
Control System: Main board, transformer, external electric control.

Performance Data

Model: KFR-*Q4/C				KFR-28Q4/C	KFR-35Q4/C	KFR-50Q4/C	KFR-71Q4/C	KFR-75Q4/C	KFR-120Q4/C	KFR-140Q4/C	KFR-180Q4/C
Cooling	Cooling Capacity	KW		2.8	3.5	5.0	7.1	7.5	12.0	14.0	18.0
Heating	Heating Capacity	KW		3.1	4.0	5.5	7.8	8.1	13.0	15.4	20.0
Blower	Type			Centrifugal Fan							
	Dia.	mm		Ø315	Ø315	Ø315	Ø380	Ø380	Ø476	Ø476	Ø530
	Qty.			1	1	1	1	1	1	1	1
Electric Parameter	Power Supply	V/Ph/Hz		220~240V/1PH/50Hz(or 60HZ)							
	Input Power	W		45	52	76	132	132	152	189	330
	Current	A		0.21	0.27	0.33	0.58	0.58	0.78	0.8	1.43
Air Flow		m^3/h	H	510	600	850	1360	1360	1700	2040	2890
			M	390	450	640	1030	1030	1290	1500	2100
			L	260	350	430	690	690	860	1030	1600
Sound Pressure		dB(A)		39	40	43	45	46	47	50	57
Control Mode				Remote controller and wired wall controller							
Unit Dim.(LxWxH)		mm		582x582x265			712x712x290		827x827x290		950x950x290
Panel Dim.		mm		680x680x30			830x830x30		980x980x30		1140x1140x30
Net Weight		KG		21	21	21	27	28.5	35.5	35.5	52
Water Connection	Liquid Pipe	in		1/4”	1/4”	1/4”	3/8”	3/8”	3/8”	3/8”	5/8”
	Gas Pipe	in		3/8”	1/2”	1/2”	5/8”	5/8”	3/4”	3/4”	7/8”
	Drain Pipe	mm		26							

1.Cooling: inlet DB/WB: +27°C/+19°C, Outlet DB/WB:. +35°C/+24°C
2. Heating: inlet DB/WB: +20°C, outlet DB/WB: +7°C/6°C;

Yilaide®

ACCESSORIES and SPARE PARTS >>>

Spare parts for fan coil unit & refrigent Indoor Unit

More than 75 % main parts are produced in Yilaide own factory which including plastic panels, grilles, wheels, cones, heat exchangers and all of the sheet metals and etc. Yilaide is open to supply the parts and accessories.

Plastic Wheel

Quite and stable running with low noise, low vibration, long life and High reliability

- One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheels good balancing;
- an anti-vibration rubber is added in the hub to ensure less vibration, low noise on the wheels and motors.
- Each wheel will be balanced under G0.5mm/s.

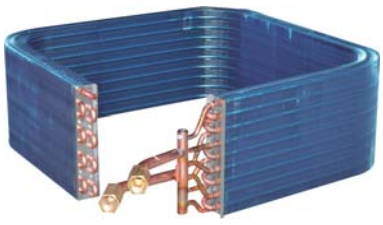


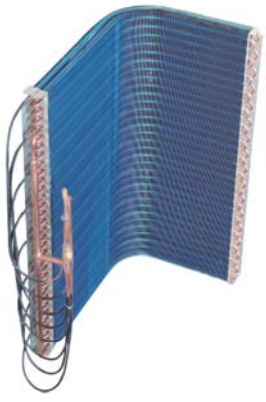
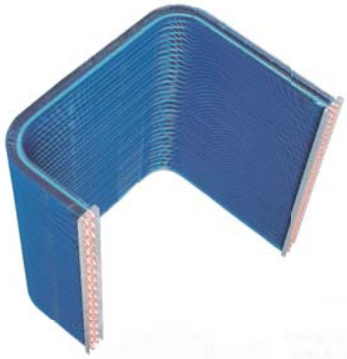
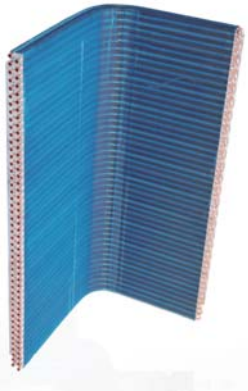
Size	S	M	L
Dim.x Height	Ø315*160	Ø380*161	Ø476*172

(mm)

Heat Exchanger

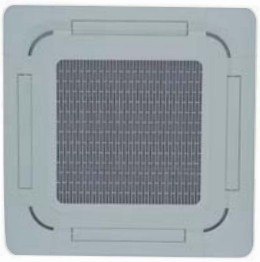
Yilida owns fin press and manchines to make the coils; the heat exchanger can be tailor made for each individual situation.



Plastic Panel

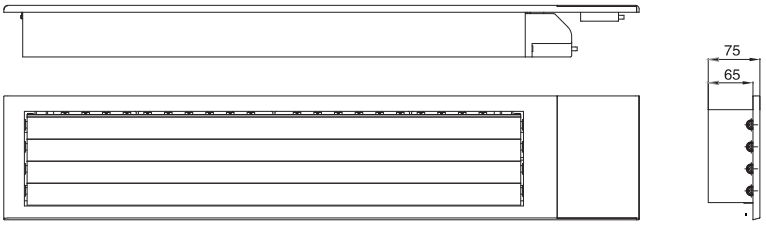
One-time injection of new fireproof ABS;
It is not easily deformed and turns yellow, easy installation

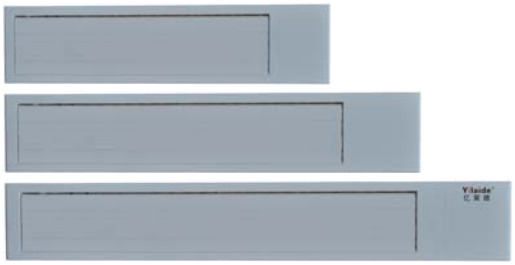
Description	Picture of Panel	Dimensions
4-way Cassette Panel		680x680x30 830x830x30 980x980x30 1140x1140x30
4-way Cassette Panel		680x680x30 830x830x30 980x980x30 1140x1140x30
8-way Cassette Panel		750x750x45 850x850x45 950x950x45
2-way Cassette Panel		1240x680x30
1-way Cassette Panel		1045x465x30 1055x480x30
6-way Cassette Panel		1240x680x30

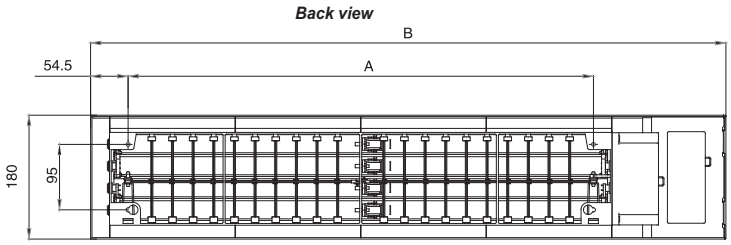
Plastic Auto-Damper

Auto-swing damper, with remote controller, control board, receiver board, transformer, one step motor for horizontal swing, and two step motors for vertical swing.

a) It can open or close damper, which can control the damper up and down, right and left independently. Louver can stay anywhere within its swing range or swing continuously, appealing for the needs of different air flow directions.
b) With thermostat, it can adjust the motor speed of the FCU high, medium, low; setting the room temperature; electric valve controller; cooling mode or heating mode is optional.

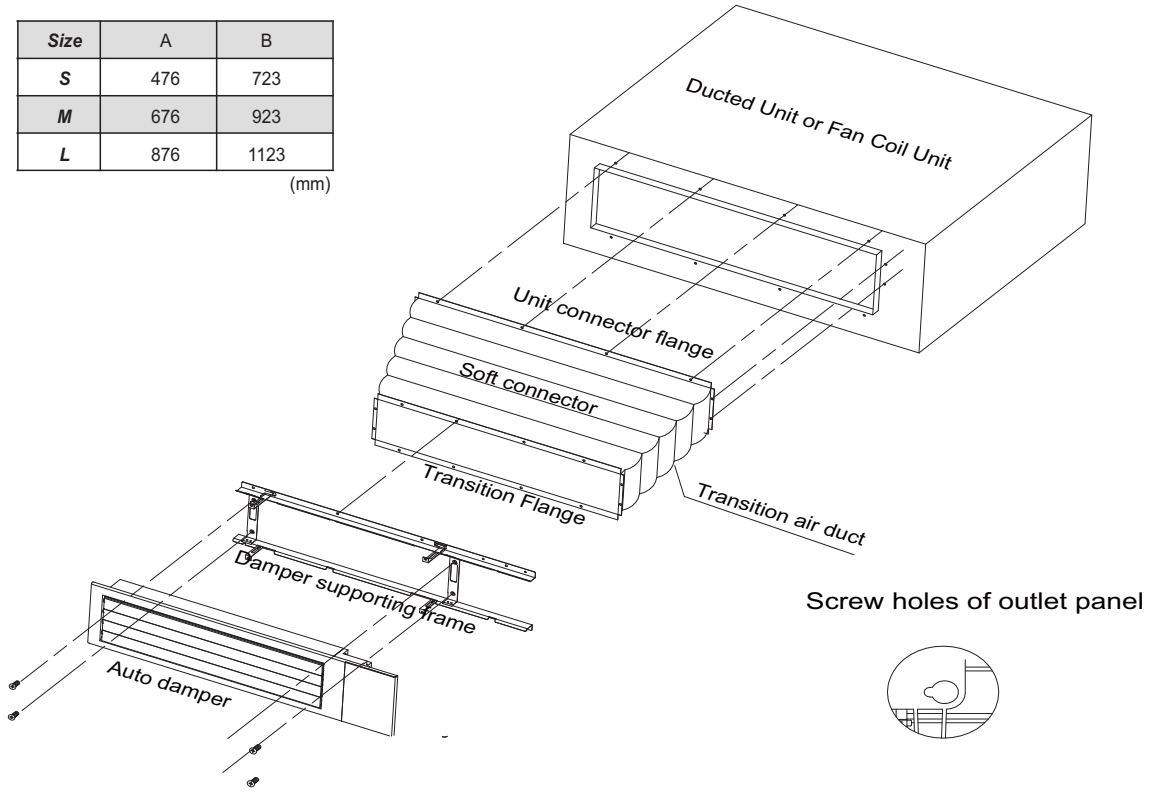






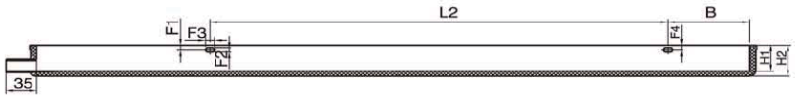
Size	A	B
S	476	723
M	676	923
L	876	1123

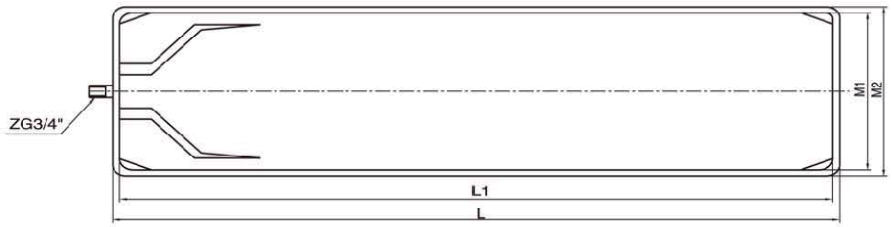
(mm)



Drain Pans *- 5 series: 200, 230. 242, 252, 330 (inner width), its length can be tailor made as per request.*

Cold-rolled steel with power coating on both side;
One-time pressing;
High quality insulation outside of the body;
Anti-corrosion and anti-condensatione

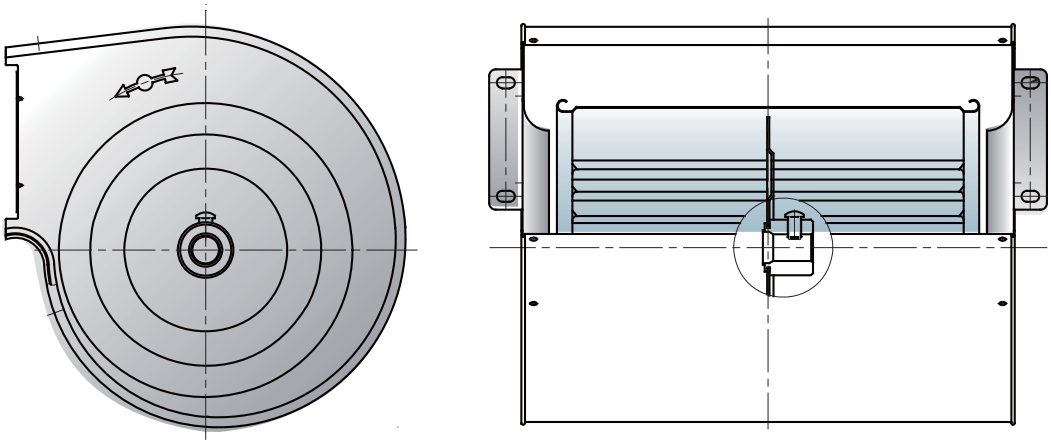




	W-L	L	L1	L2	B	F1	F2	F3	F4	H1	H2	M1	M2
200	200-560	566	560	370	40	6	5	10	8	28	35	200	206
	200-740	746	740	550	40	6	5	10	8	28	35	200	206
	200-840	846	840	650	40	6	5	10	8	28	35	200	206
	200-1040	1046	1040	850	40	6	5	10	8	28	35	200	206
	200-1230	1236	1230	1040	40	6	5	10	8	28	35	200	206
	200-1540	1546	1540	1350	40	6	5	10	8	28	35	200	206
	200-1690	1696	1690	1500	40	6	5	10	8	28	35	200	206
	200-1840	1846	1840	1650	40	6	5	10	8	28	35	200	206
	200-2040	2046	2040	1850	40	6	5	10	8	28	35	200	206
	200-2200	2206	2200	2010	40	6	5	10	8	28	35	200	206
230	230-550	562	550	330	30	6.5	5	10	9.5	31	38	230	242
	230-740	752	740	430	30	6.5	5	10	9.5	31	38	230	242
	230-840	852	840	510	30	6.5	5	10	9.5	31	38	230	242
	230-930	942	930	620	30	6.5	5	10	9.5	31	38	230	242
	230-1040	1052	1040	700	30	6.5	5	10	9.5	31	38	230	242
	230-1130	1142	1130	820	30	6.5	5	10	9.5	31	38	230	242
	230-1230	1242	1230	920	30	6.5	5	10	9.5	31	38	230	242
	230-1270	1282	1270	960	30	6.5	5	10	9.5	31	38	230	242
	230-1410	1422	1410	1100	30	6.5	5	10	9.5	31	38	230	242
	230-1490	1502	1490	1180	30	6.5	5	10	9.5	31	38	230	242
	230-1650	1662	1650	1340	30	6.5	5	10	9.5	31	38	230	242
	230-1790	1802	1790	1480	30	6.5	5	10	9.5	31	38	230	242
	230-1900	1912	1900	1560	30	6.5	5	10	9.5	31	38	230	242
	230-2120	2132	2120	1770	30	6.5	5	10	9.5	31	38	230	242
	230-2370	2382	2370	2020	30	6.5	5	10	9.5	31	38	230	242
242	242-600	612	600	400	40	10	5	10	12	37	44	242	254
	242-710	722	710	520	40	10	5	10	12	37	44	242	254
	242-810	822	810	620	40	10	5	10	12	37	44	242	254
	242-910	922	910	720	40	10	5	10	12	37	44	242	254
	242-1110	1122	1110	920	40	10	5	10	12	37	44	242	254
	242-1210	1222	1210	1020	40	10	5	10	12	37	44	242	254
	242-1350	1362	1350	1120	40	10	5	10	12	37	44	242	254
	242-1540	1552	1540	1320	40	10	5	10	12	37	44	242	254
	242-1740	1752	1740	1520	40	10	5	10	12	37	44	242	254
	242-1920	1932	1920	1720	40	10	5	10	12	37	44	242	254
	242-2140	2152	2140	1900	40	10	5	10	12	37	44	242	254
	242-2340	2352	2340	2100	40	10	5	10	12	37	44	242	254
252	252-570	582	570	310	45	5	5	10	8.5	31	38	252	264
	252-797	809	797	510	45	5	5	10	8.5	31	38	252	264
	252-1047	1059	1047	760	45	5	5	10	8.5	31	38	252	264
	252-1182	1194	1182	895	45	5	5	10	8.5	31	38	252	264
	252-1352	1364	1352	1055	45	5	5	10	8.5	31	38	252	264
	252-1467	1479	1467	1180	45	5	5	10	8.5	31	38	252	264
	252-1637	1649	1637	1350	45	5	5	10	8.5	31	38	252	264
	252-1887	1899	1887	1600	45	5	5	10	8.5	31	38	252	264
	252-2067	2079	2067	1780	45	5	5	10	8.5	31	38	252	264
	252-2340	2352	2340	2080	45	5	5	10	8.5	31	38	252	264
330	330-620	632	620	506	47	5	5	10	8.5	28	35	330	342
	330-780	792	780	606	47	5	5	10	8.5	28	35	330	342
	330-915	927	915	756	47	5	5	10	8.5	28	35	330	342
	330-1050	1062	1050	891	47	5	5	10	8.5	28	35	330	342
	330-1335	1347	1335	1176	47	5	5	10	8.5	28	35	330	342
	330-1505	1517	1505	1346	47	5	5	10	8.5	28	35	330	342
	330-1755	1767	1755	1596	47	5	5	10	8.5	28	35	330	342
	330-2060	2072	2060	1896	47	5	5	10	8.5	28	35	330	342
	330-2255	2267	2255	2050	47	5	5	10	8.5	28	35	330	342

SYP Fans *- For concealed duct type fan coil unit and universal fan coil unit*

Model (WxL)	Model (WxL)
SYP130/160J	SYP180/200J
SYP130/190J	SYP200/190J
SYP145/130J	SYP200/290J-1
SYP145/160J	SYP200/190J-2
SYP145/190J	SYP200/190J-3
SYP150/150J	SYP225/200J
SYP150/200J	SYP225/250J
SYP150/240J	SYP150/190J
SYP160/160J	SYP250/190J-1
SYP160/200J	SYP250/250J
SYP160/170J	SYP250/250J-1
SYP180/170J	



*This drawing is just for the reference, detailes as per SYP catalogue.

Optional Accessories

Valve Package

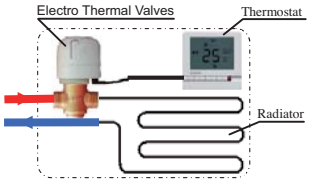
Factory installed 2-way valve or 3-way valve for 2-pipe system and/or 4-pipe system.
Inclucing the valve body, actuator and valve kits.

Electro Thermal Actuator

2-way

3-way

3-way 4-outlet



Control System Structure

Yilaide®


BOLE 320 EK
4


ONE LASER

Yilaide®

Taizhou Yilaide Air Conditioning Equipment Co., Ltd.

Taizhou Yilaide Import & Export Trading Co., Ltd

Yilaide Fan Coil (Taizhou) Co., Ltd.

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