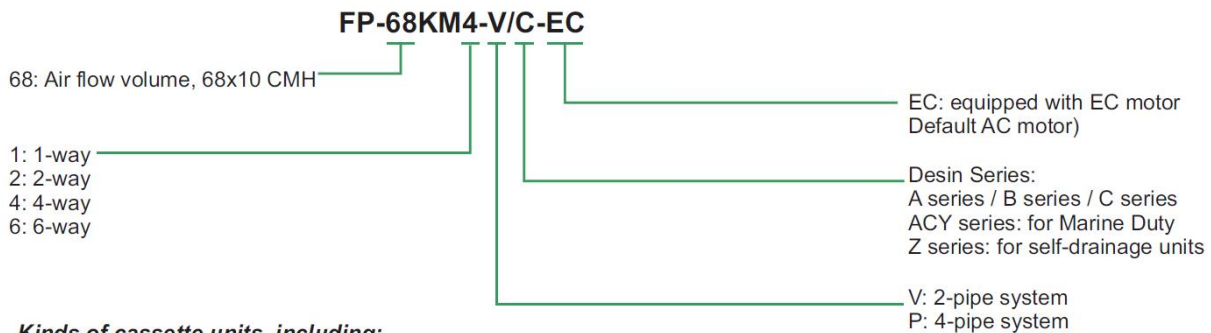


# Cassette Fan Coil Unit (for water AC system)



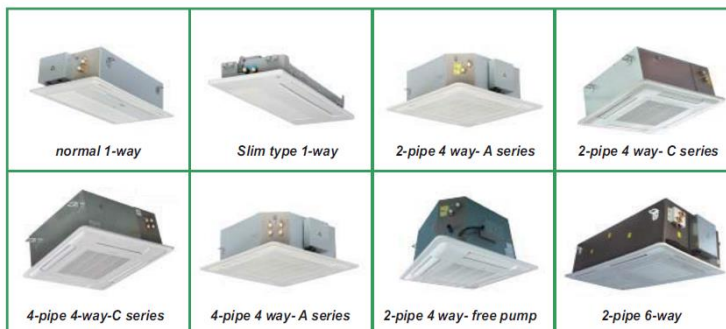
cassette fan coil unit are terminals of a hydronic system for installation in ceiling. They are suitable for chilled and/or hot water air conditioning system

## Nomenclature



### Kinds of cassette units, including:

- 1-way cassette units (Normal Type)
- 1-way cassette units (Slim Type)
- 2-pipe 4-way cassette units
- 4-pipe 4-way cassette units
- 2-pipe 2-way cassette units
- 2-pipe 6-way cassette units
- 2-pipe 4 way Cassette units  
(self-drainage, drain by nature)
- 2-pipe 4-way cassette units(Marine Duty)



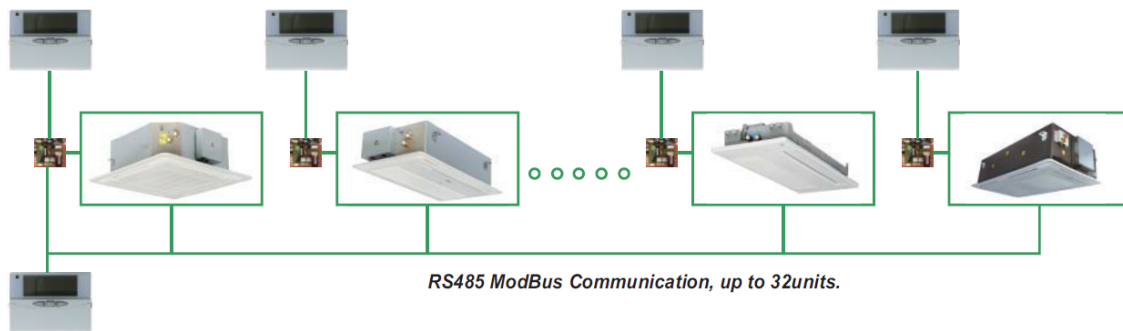
### Network control module --- optional for cassette fan coil unit

The NCM module offers the possibility to control the fan coil unit together. There are two kinds of network control:

A. Master-slave network control. In this way, use wire wall pad and PCB together to control all the FCUs. One group can control at most 32 pcs of FCU.

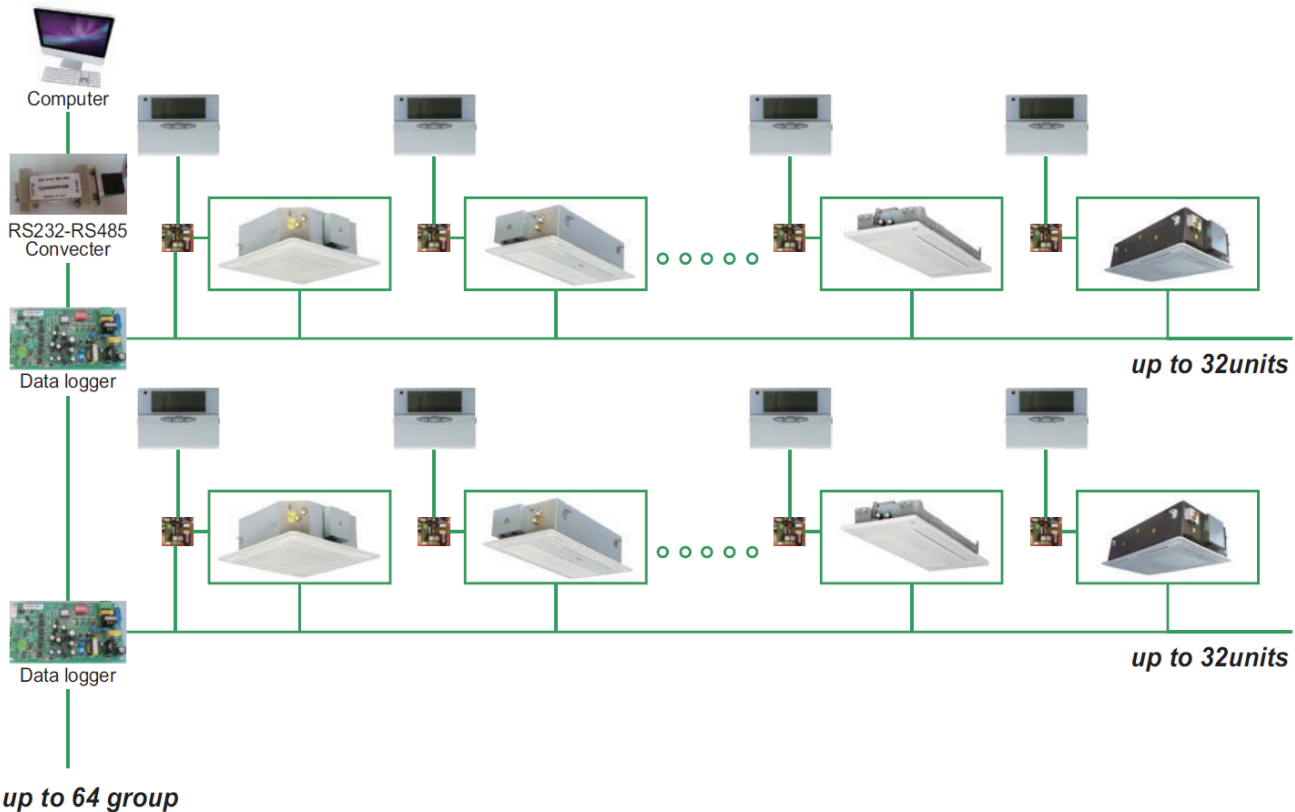
B. Host computer network control. In this way, use computer, converter, data logger and PCB to control all FCUs. The maximum network size is 64 data loggers x 32 FCUs = 2048 FCUs connected to a computer based control system.

### Master-slave network control



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.

### Host computer network control system



**1-way Cassette Fan Coil Unit**  
**(Drain pump inside) (Normal Type)**  
**--- for chilled/hot water AC system**

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



**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. (the height of the cassette body is only 235mm)*

**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 3/8"(9.52mm) O.D copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 30bar(3Mpa) air pressure. with 3/4"pipe connections and air bleed vent.

**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.

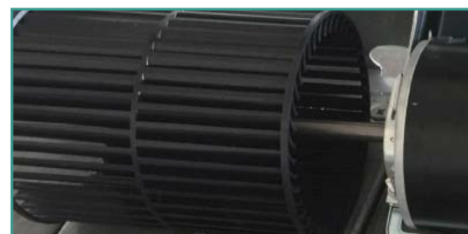
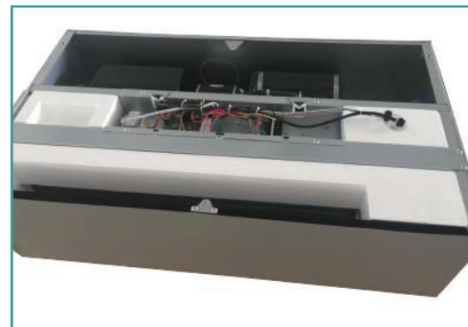
**Fresh air intake**

Pre-stamped hole for fresh air connection

**Optional:**

- a. Wired wall controller
- b. Drainage hose
- c. On/off 2-way or 3 way valve
- d. Electric heater control
- e. 5-speed motor
- f. RS485 ModBus, master-slave network control
- g. BMS computer net control.
- h. External control box as optional
- i. 1200 head drain pump

\* In case of optional "f" and optional "g", the control box will be installed outside of the unit body. Built-in main board with no fuction of "f" and "g".



**Microprocessor control system**

Wireless remote controller is standard and wired controller is optional; on/off valve controller; daily timer; auto reset; operation mode control; with room sensor & coil sensor; auto-diagnose, protections and error code display; jumpers configurations on electronic board

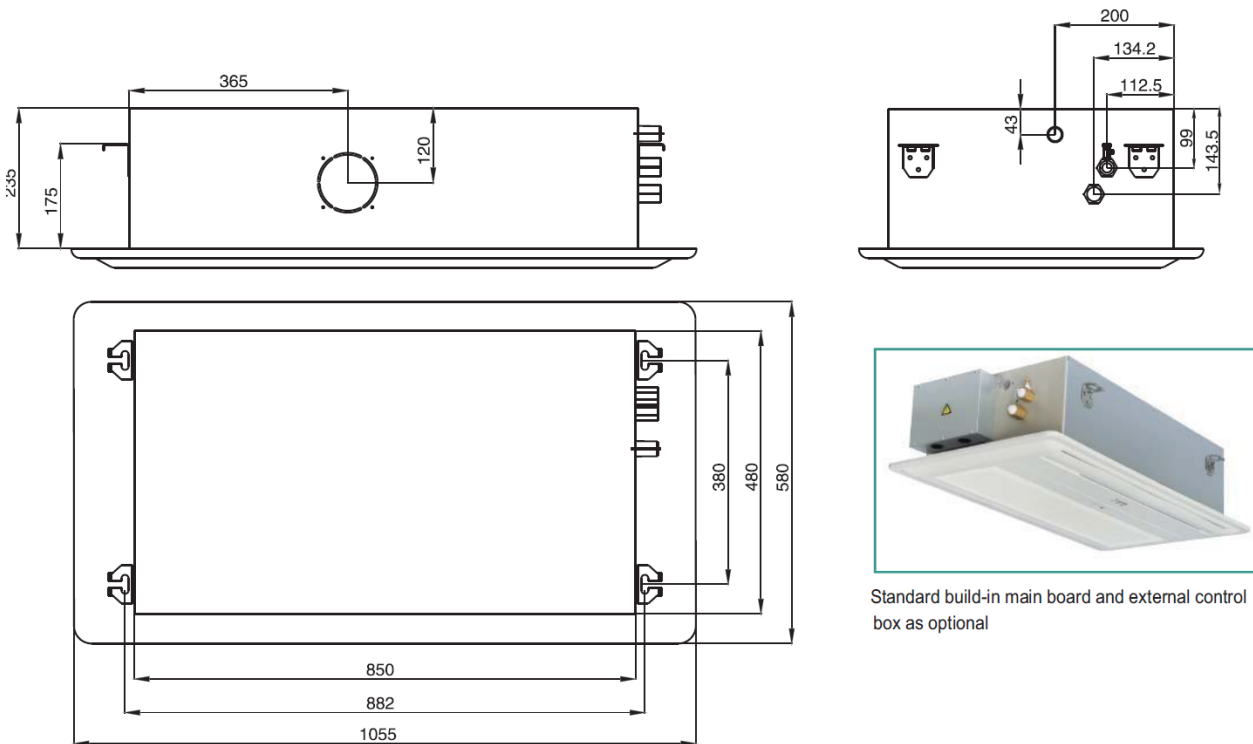


**Cassette type Fan Coil Unit - for Chilled/Hot Water AC System**

**Performance Data - 2 pipe, 2 rows**

Model: FP-*KM1-V/A			FP-34KM1-V/A	FP-51KM1-V/A	FP-68KM1-V/A	FP-80KM1-V/A	FP-85KM1-V/A	FP-102KM1-V/A	
CFM			200	300	400	450	500	600	
Air Flow Rate	H	m³/h	340	510	680	800	850	1020	
	M	m³/h	270	400	520	650	640	750	
	L	m³/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	Ø142							
	Quantity	Nr. 2							
Motor	Type	3-speed Motor							
	Quantity	Nr. 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	inch	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 Fan Coil Unit  
(Drain pump inside) (Slim Type)  
--- for chilled/hot water AC system**

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



**Design Features**

*1-way slim type cassette 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 3/8"(9.52mm) O.D copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 30bar(3Mpa) air pressure. with 1/2"pipe connections and air bleed vent.

**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.

**Optional:**

- a. Wired wall controller
- b. drainage hose
- c. On/off 2-way or 3 way valve
- d. 5-speed motor
- e. RS485 ModBus, master-slave network control
- f. BMS computer net control.
- g. 1200mm head drain pump



**Microprocessor control system**

- Wireless remote controller is standard and wired controller is optional;
- on/off valve controller;
- daily timer; auto reset;
- operation mode control;
- with room sensor & coil sensor;
- auto-diagnose, protections and error code display;
- jumpers configurations on electronic board

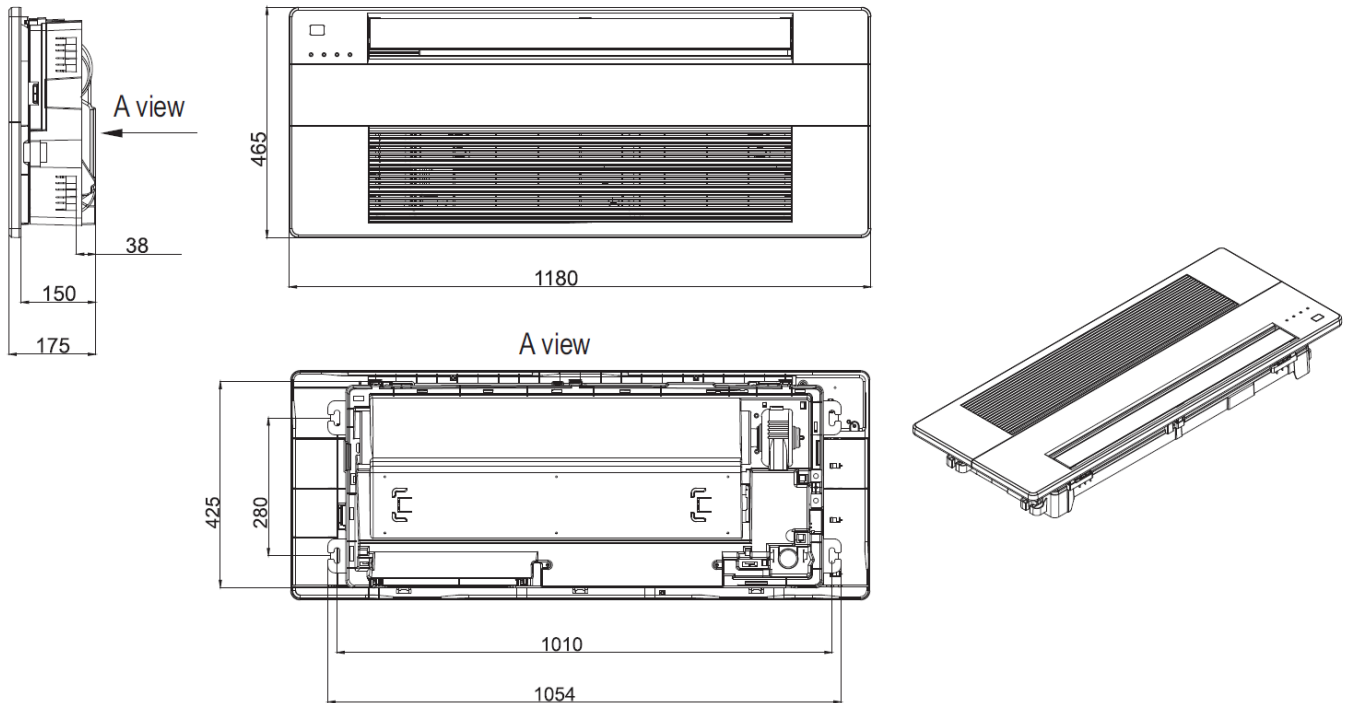


**Cassette type Fan Coil Unit - for Chilled/Hot Water AC System**

**Performance Data - 2 pipe, 2 rows**

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	m³/h	510	680	750	
	M	m³/h	400	520	650	
	L	m³/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



## 4-way cassette units

**(Drain pump inside) - including A series & C series, for both 2-pipe & 4-pipe**  
**--- for chilled/hot water AC system**

### Design Features for A series & C Series

#### 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. The design unit which can be installed in a limited ceiling. (the Min. height is 265mm.)

#### 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 added in the hub to ensure less vibration, low noise on the wheels and motors. Each wheel will be balanced under G0.5mm/s.

#### High Efficiency Coil

Coil are made of 3/8"(9.52mm) O.D copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 30bar(3Mpa) air pressure. with 3/4" pipe connections and air bleed vent.

#### Condensate Drain Pan

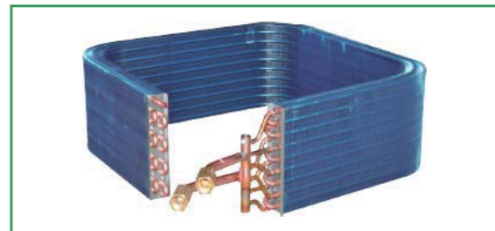
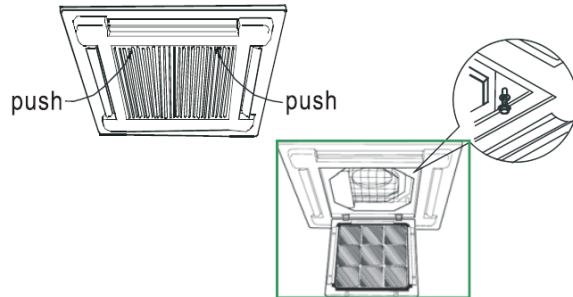
In thermoforming high density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

#### 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

Fresh air intake is standard for 4-way C series, and is an optional for 4-way A series.



#### Microprocessor control system

Wireless remote controller is standard and wired controller is optional; on/off valve controller; daily timer; auto reset; operation mode control; with room sensor & coil sensor; auto-diagnose, protections and error code display; jumpers configurations on electronic board

#### Optional for 4-way cassette (A & C series)

- a. Wired wall controller
- b. Finger Grille
- c. drainage hose
- d. Fresh Air intake for A series
- e. On/off 2-way or 3 way valve
- f. Electric heater control
- g. 5-speed motor
- h. RS485 ModBus, master-slave network control
- i. BMS computer net control.
- j. 1200mm head drain pump

\* In case of optional "h" and optional "i", the control box will be installed outside of the unit body for "C" series; Built-in main board with no function of optional "h" and "i" for "C" series.

## 2-pipe 4-way cassette units (C series)

--- for chilled/hot water AC system

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

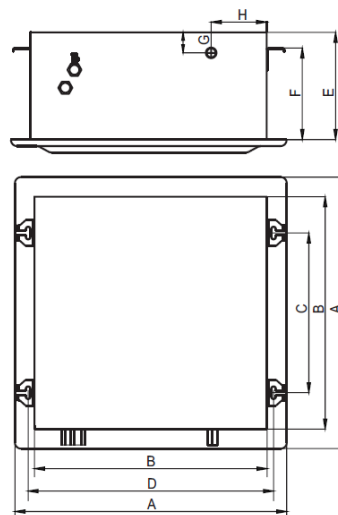
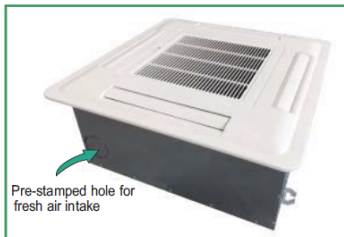
Standard build-in main board and external control box as optional; (no MBS function in case of the build-in system)



### Performance Data - 2 pipe, 2 rows

Model: FP- <sup>*</sup> 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	inch	26											
Weight(with feet, with casing)			kg	20	20	20	20	26	26	26	36	36	36	

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



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

(mm)



## 4-pipe 4-way cassette units (C series)

--- for chilled/hot water AC system

**Air Flow:** 200 ~ 1400cfm  
**Cooling Capacity:** 2.7KW ~ 8.8KW

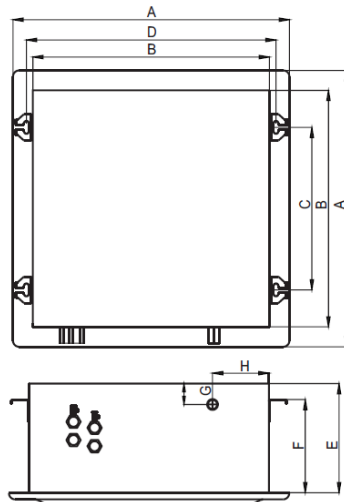
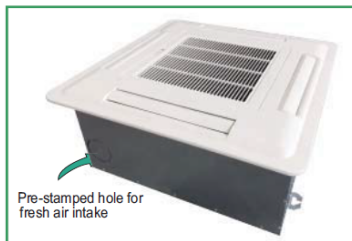
Standard build-in main board and external control box as optional; (no MBS function in case of the build-in system)



### Performance Data - 4 pipe, 2 rows

Model: FP- <sup>*</sup> 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 <sup>3</sup> /h	680	800	850	1020	1360	1700	2040	2380	
		M	520	600	680	790	1030	1290	1500	1800	
		L	350	410	490	520	690	860	1030	1200	
Cooling	Total Capacity	H	2.7	3.1	3.4	3.8	5.0	6.3	7.3	8.8	
		M	2.1	2.4	2.6	2.8	3.8	4.8	5.4	6.7	
		L	1.4	1.6	1.9	2.0	2.6	3.2	3.8	4.5	
	Sensible Capacity	H	1.9	2.2	2.4	2.7	3.6	4.5	5.1	6.2	
		M	1.5	1.7	1.8	2.0	2.8	3.5	3.9	4.7	
		L	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	3.2	3.8	4.5	5.1	5.8	7.8	8.7	10.5	
		M	2.4	3.0	3.6	4.0	4.4	6.0	6.4	8.0	
		L	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	inch	26								
Weight(with feet, with casing)		kg	21	21	26	26	26	35	35	35	

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



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

Cassette type Fan Coil Unit - for Chilled/Hot Water AC System

2-pipe 4-way cassette units (A series)

--- for chilled/hot water AC system

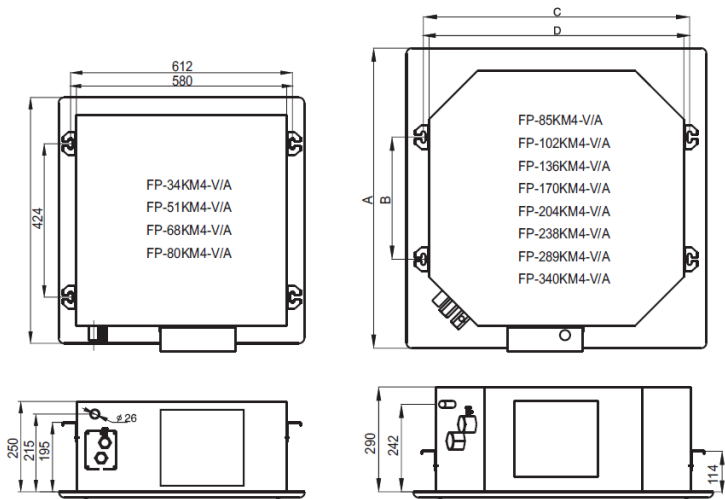
Air Flow: 200 ~ 2000cfm  
Cooling Capacity: 2.0~17.6KW



Performance Data - 2 pipe, 2 rows

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	m³/h	340	510	680	800	850	1020	1360	1700	2040	2380	2890	3400				
		M	m³/h	280	390	520	580	640	790	1030	1290	1500	1800	2100	2600			
		L	m³/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	inch	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



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

(mm)



## 4-pipe 4-way cassette units (A series)

--- for chilled/hot water AC system

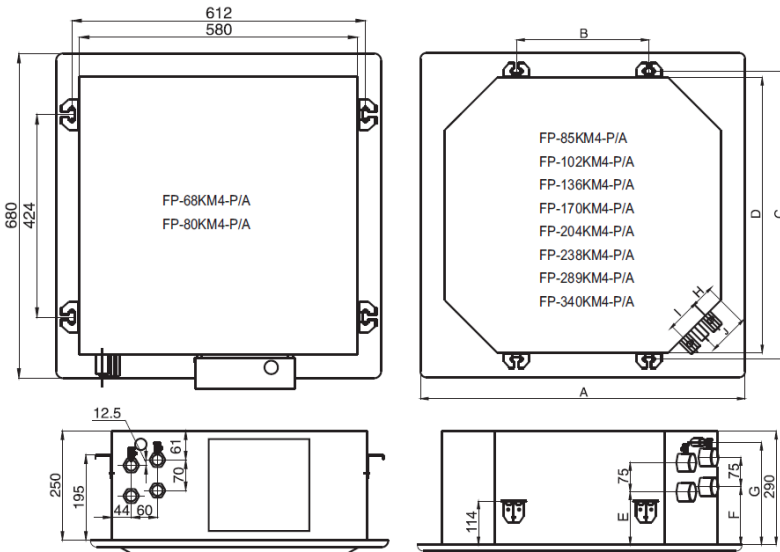
Air Flow: 400~2000cfm  
Cooling Capacity: 2.6KW~11.5KW



### Performance Data - 4 pipe, 2 rows

Model: FP- <sup>A</sup> 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	m³/h	680	800	850	1020	1360	1700	2040	2380	2890	3400		
	M	m³/h	520	580	640	790	1030	1290	1500	1800	2100	2600		
	L	m³/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	inch	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



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

(mm)



**4-way cassette units  
(Free drain pump, Self drainage) (Z series)  
--- for chilled/hot water AC system**

**System:** 2-pipe/4pipe  
**Air Flow:** 200 ~ 1700cfm  
**Cooling Capacity:** 2.0KW ~15.3KW



2-pipe system

**Design Features**

**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 397mm(Size 289 is 430mm) which 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 3/8"(9.52mm) O.D copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 30bar(3Mpa) air pressure. with 3/4"pipe connections and air bleed vent.

**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 added in the hub to ensure less vibration, low noise on the wheels and motors. Each wheel will be balanced under G0.5mm/s.

**Grille**

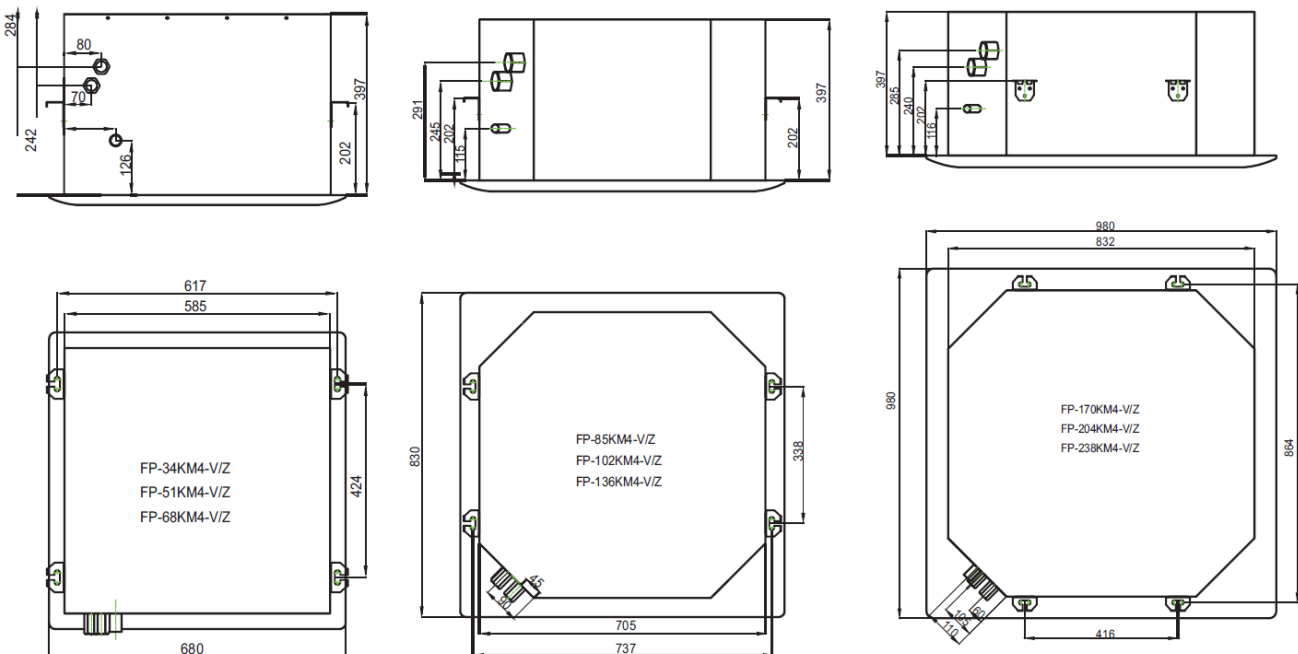
The finger grille is optional to prevent from hand injury

**Optional for 4-way cassette (Z series)**

- a. Auto-Swing functin and remote control
- b. BMS computer control system
- c. drainage hose
- d. 4-pipe system
- e. 2-way/3-way valve
- f. Electric Heater
- g. Finger Grille
- h. 5 speed motor



4-pipe system



Cassette type Fan Coil Unit - for Chilled/Hot Water AC System

Performance Data - 2 pipe, 2 rows

Model: FP- <sup>*</sup> 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 <sup>3</sup> /h	340	510	680	850	1020	1360	1700	2040	2380	2890	
		M	280	390	520	640	790	1030	1290	1500	1800	2100	
		L	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	860	970	1260	1710	1920	2200	2640	
Water pressure drop		kPa	7	9	11	16	18	19	17	19	22	36	
Heat	Heating Capacity	H	KW	2.0	3.0	4.0	5.0	6.0	8.0	10.0	12.0	14.0	17.1
		M	KW	1.7	2.3	3.1	3.8	4.7	6.1	7.6	8.9	10.6	12.4
		L	KW	1.1	1.5	2.1	2.8	3.1	4.1	5.1	6.1	7.1	9.4
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	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	inch	26										
Weight(with feet, with casing)		kg	24	24	24	26	26	26	34	34	35	57	

- 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 Data - 4 pipe, 2 rows

Model: FP- <sup>*</sup> KM4-P/Z			FP-68KM4-P/Z	FP-85KM4-P/Z	FP-102KM4-P/Z	FP-136KM4-P/Z	FP-170KM4-P/Z	FP-204KM4-P/Z	FP-238KM4-P/Z	FP-289KM4-P/Z		
CFM			400	500	600	800	1000	1200	1400	1700		
Air Flow Rate	H	m <sup>3</sup> /h	680	850	1020	1360	1700	2040	2380	2890		
		M	520	648	780	1050	1310	1570	1800	2100		
		L	350	500	600	800	1010	1210	1200	1600		
Cooling	Total Capacity	H	KW	2.6	3.1	3.6	4.8	6.0	7.0	8.4	10.3	
		M	KW	2.0	2.4	2.8	3.7	4.7	6.0	6.5	7.5	
		L	KW	1.4	1.8	2.1	3.0	3.6	4.6	5.0	5.7	
	Sensible Capacity	H	KW	1.8	2.2	2.5	3.4	4.2	4.9	5.9	8.5	
		M	KW	1.5	1.8	2.1	2.8	3.5	4.5	4.9	6.2	
		L	KW	1.1	1.4	1.7	2.4	2.9	3.7	4.0	4.7	
Water flow rate		l/h	450	540	625	830	1050	1400	1500	1800		
Water pressure drop		kPa	11	17	22	24	27	30	35	40		
Heat	Heating Capacity	H	KW	3.0	4.0	4.9	5.6	7.5	8.3	8.7	11.9	
		M	KW	2.3	3.1	3.7	5.0	6.2	6.4	7.6	8.7	
		L	KW	1.6	2.4	2.9	4.0	4.8	4.9	5.8	6.6	
Power supply			220-240V/1PH/50Hz(or 60HZ)									
Power Input		W	58	71	84	127	170	175	220	330		
Sound pressure		dB(A)	41	41	44	48	46	50	52	57		
Fan	Type	Centrifugal Fan										
	Model	Ø315	Ø380	Ø380	Ø380	Ø476	Ø476	Ø476	Ø476	Ø530		
	Quantity	Nr.	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	inch	26									
Weight(with feet, with casing)		kg	24	26	26	26	34	34	35	57		

- 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



**Cassette type Fan Coil Unit - for Chilled/Hot Water AC System**

**2-pipe 4-way cassette units**

**(for Marine Duty) (ACY series)**

**--- for chilled/hot water AC system**



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

**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

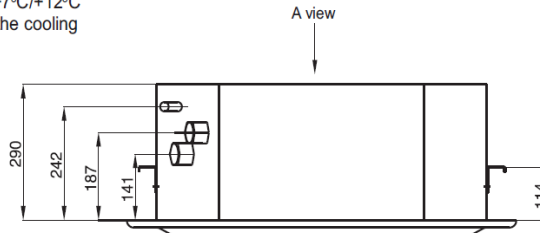
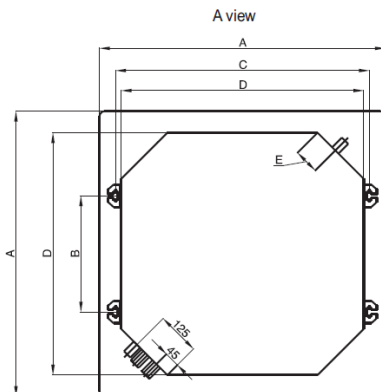
**Fan/Motor:** Centrifugal fan wiht 3 speed motor or EC motor

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

**Performance Data - 2 pipe, 2 rows**

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 <sup>3</sup> /h	850	1020	1360	1700	2040	2380
	M	m <sup>3</sup> /h	640	790	1030	1290	1500	1800
	L	m <sup>3</sup> /h	430	520	690	860	1030	1200
Cooling	Total Capacity	H	4.5	5.6	7.0	9.1	10.8	12.6
		M	3.4	4.4	5.3	6.9	8.0	9.6
		L	2.3	2.9	3.6	4.6	5.6	6.5
	Sensible Capacity	H	3.1	3.8	4.9	6.3	7.3	8.6
		M	2.4	2.9	3.7	4.8	5.5	6.7
		L	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	7.0	8.4	11.2	13.9	16.7	19.5
		M	5.3	6.5	8.4	10.6	12.3	14.8
		L	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	inch	26					
Weight(with feet, with casing)		kg	25	25	25	34	34	34

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



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)

## 2-way cassette units

--- for chilled/hot water AC system

**System:** 2-pipe system  
**Air Flow:** 400 ~ 800cfm  
**Cooling Capacity:** 3.6KW~7.2KW

## 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 3/8"(9.52mm) O.D copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 30bar(3Mpa) air pressure. with 3/4" pipe connections and air bleed vent.

### 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

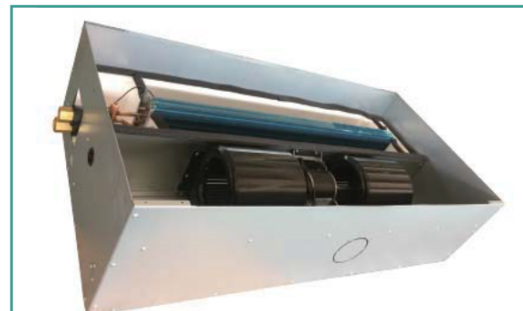
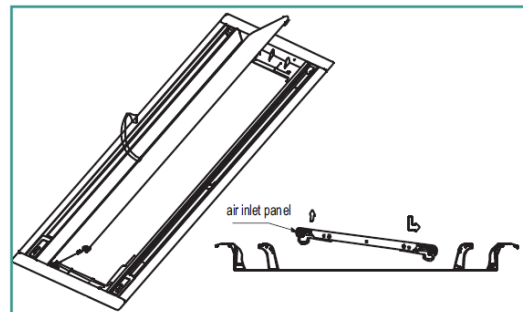
Pre-stamped hole for fresh air connection

### Grille

The finger grille is optional to prevent from hand injury

### Optional:

- a. Wired wall controller
- b. drainage hose
- c. On/off 2-way or 3 way valve
- d. Electric heater control
- e. 5-speed motor
- f. RS485 ModBus, master-slave network control
- g. BMS computer net control.
- h. External control box as optional
- i. 1200 head drian pump



### Microprocessor control system

- Wireless remote controller is standard and wired controller is optional;
- on/off valve controller;
- daily timer; auto reset;
- operation mode control;
- with room sensor & coil sensor;
- auto-diagnose, protections and error code disply;
- jumpers configurations on electronic board

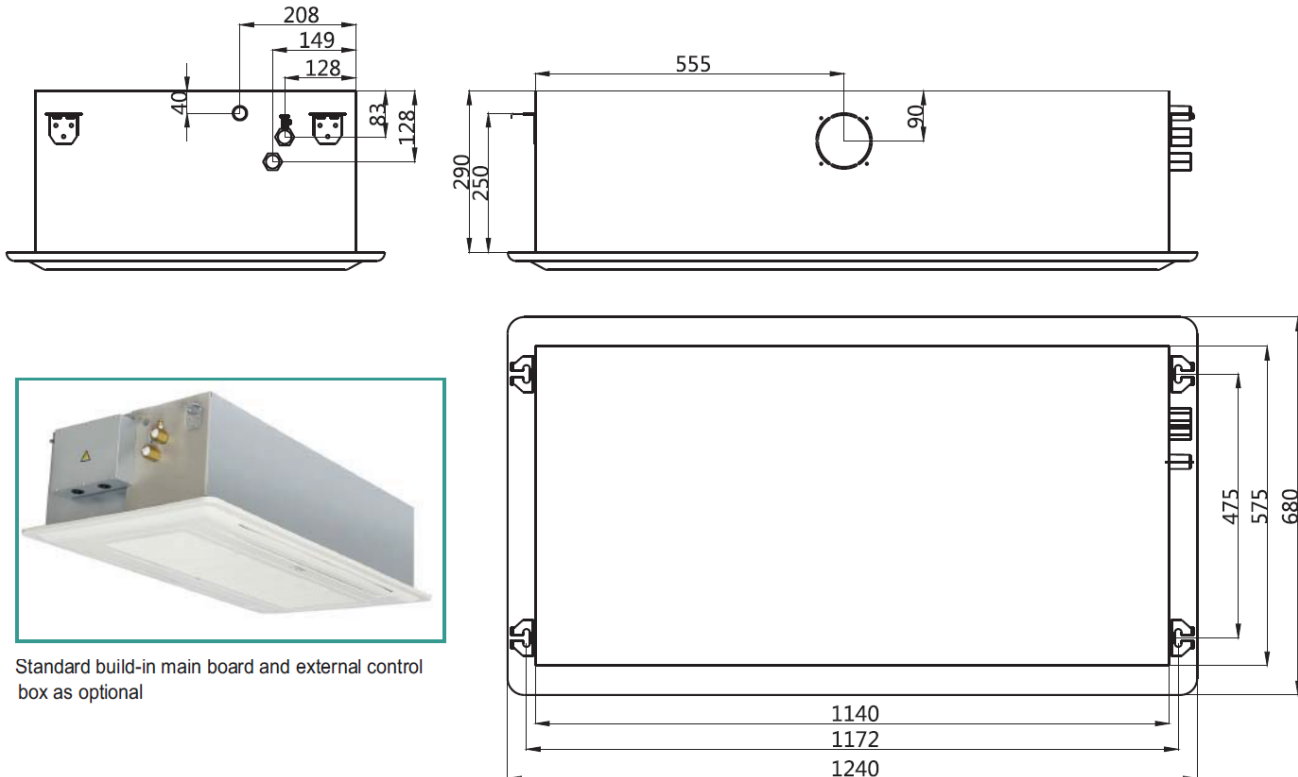


## Cassette type Fan Coil Unit - for Chilled/Hot Water AC System

### Performance Data - 2 pipe

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 <sup>3</sup> /h	680	850	1020	1360	
	M	m <sup>3</sup> /h	520	640	765	1050	
	L	m <sup>3</sup> /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	inch	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





## 6-way cassette units

### (Drain pump inside)

--- for chilled/hot water AC system

**System:** 2-pipe / 4-pipe  
**Air Flow:** 500 ~ 1000cfm  
**Cooling Capacity:** 6.0KW~9.0KW

## 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 3/8" (9.52mm) O.D copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 30bar(3Mpa) air pressure. with 3/4" pipe connections and air bleed vent.

### 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



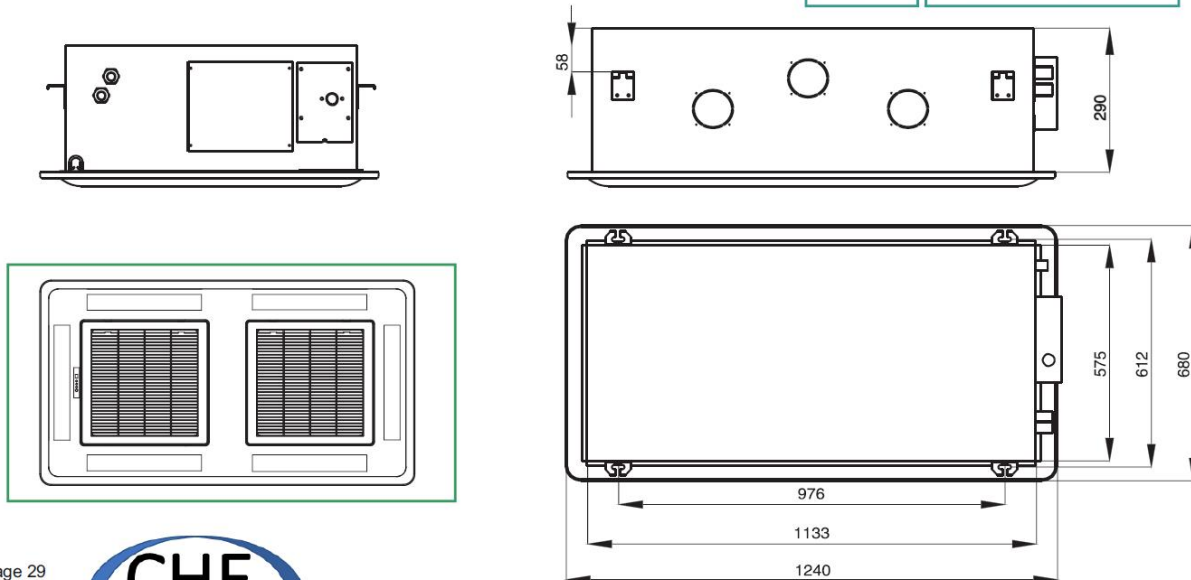
### Microprocessor control system

Wireless remote controller is standard and wired controller is optional; on/off valve controller; daily timer; auto reset; operation mode control; with room sensor & coil sensor; auto-diagnose, protections and error code display; jumpers configurations on electronic board

### Optional:

- a. Wired wall controller
- b. Finger Grille
- c. On/off 2-way or 3 way valve
- d. Electric heater control
- e. 5-speed motor
- f. RS485 ModBus, master-slave network control
- g. BMS computer net control.
- h. 1200mm head drain pump

\* External control box is standard, main board installed outside of the body



## Cassette type Fan Coil Unit - for Chilled/Hot Water AC System

### Performance Data - 2 pipe, 2 rows

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 <sup>3</sup> /h	850	1020	1360	1700	
	M	m <sup>3</sup> /h	700	870	1120	1350	
	L	m <sup>3</sup> /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					
	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	inch	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

### Performance Data - 4 pipe, 2 rows

Model: FP-*KM6-P/B			FP-85KM6-P/B	FP-102KM6-P/B	FP-136KM6-P/B	FP-170KM6-P/B	
CFM			500	600	800	1000	
Air Flow Rate	H	m <sup>3</sup> /h	850	1020	1360	1700	
	M	m <sup>3</sup> /h	700	870	1120	1350	
	L	m <sup>3</sup> /h	550	720	900	1100	
Cooling	Total Capacity	H	KW	5.0	6.0	6.5	7.5
		M	KW	4.3	5.3	5.8	6.4
		L	KW	3.6	4.6	5.3	5.9
	Sensible Capacity	H	KW	3.7	4.4	5.0	6.0
		M	KW	3.2	3.9	4.5	5.2
		L	KW	2.9	3.3	3.8	4.8
Water flow rate		l/h	860	1030	1120	1290	
Water pressure drop		kPa	18.5	19.0	22.0	26.0	
Heat	Heating Capacity	H	KW	7.6	8.4	9.6	10.4
		M	KW	6.5	7.7	8.6	9.0
		L	KW	5.4	6.6	7.9	8.4
Power supply			220~240V/1PH/50Hz(or 60HZ)				
Power Input		W	105	110	118	195	
Sound pressure		dB(A)	45	48	50	52	
Fan	Type	Centrifugal Fan					
	Model	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	inch	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