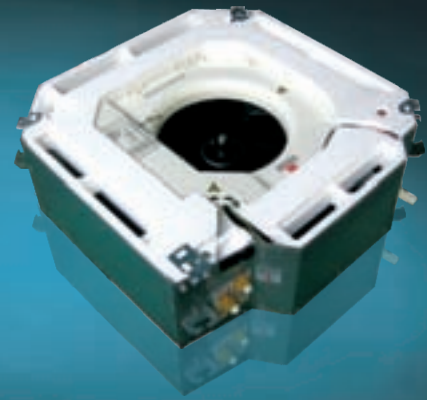


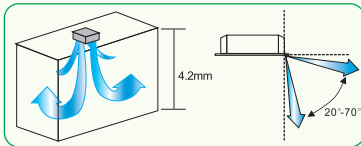


**4-way cassette type fan coil unit
(drain pump inside)**



Characteristic

1、4-way air flowing, which can uniform temperature distribution in the room



2、Thin design unit which can be installed in a limit ceiling (the Min. thickness is 260mm)

3、Easy to be installed, Low installation cost

Comparing to the ceiling conceal ducted FCU, we do not need to install the air inlet and outlet, and also the ducted connection and insulation.



4、Remote controller is standard and wire controller is optional



5、Auto swing

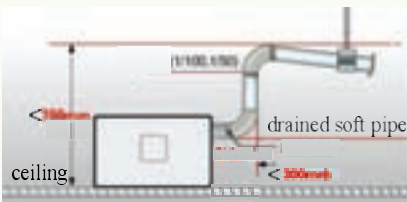
Using advanced 3D software to design the centrifugal fan with streamline and big diameter turbine.

6、Quiet running

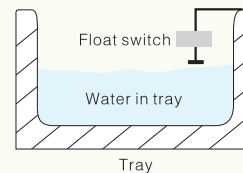
The efficiency of airflow rate, heavy wind volume and low noise is excellent. Because the ventilator wheel is processed to sine strip seam, which enhances its flexibility, and drops the vibration of ventilator during revolving in large scale, simultaneously reduced the motor noise caused by ventilator swinging.



7、High lift water drained pump (750mm), easy to plan the condensate drained pipe



8、Float switch inside to prevent from leaking

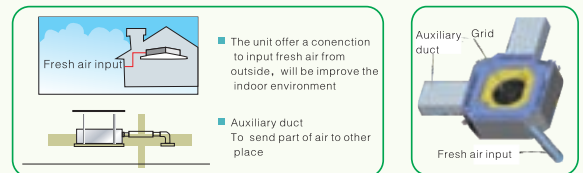


After the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

9、Fresh air can be inputed from outside

Fresh air inlet can import some fresh wind from outside, and ensure the quality of indoor air.

Thus, the consumer can share the fresh and clean air to lessen illness caused by air condition.



10、Auxiliary duct is available to send part of air to other place, in order to improve indoor temperature and air quality

11、Negative ion generator is optional

12、The water remain in the tray is easy to drained by manual.

There are a rubber plug on the water collecting tray, we can drained out the dirty water by manual.

Because the water remained inside the tray will keep for a long time, then there will be very dirty and there might be lots bacterial inside too, draining out the dirty water is benefit to the health and also reduce the possible of pump blocking.

13、Griall is optional to prevent from hand injury

14、“C” type heat exchanger, blue fin

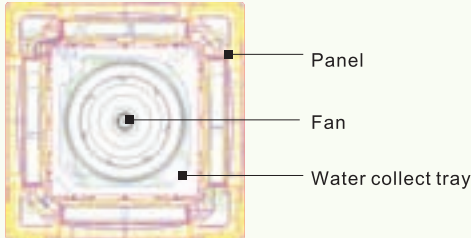
“C” type exchanger is helpful to improve the well-distributed of terminal air duct and refrigerate system, make the efficiency of multi flow more even and it reduced the probable of system leak.

Blue fin extremely reduced the coagulate water detained in the aluminum flake, so it reduce the wind resistance, improved the efficiency of heat exchanger.



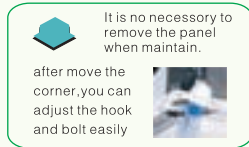
15、 Fan and fan motor is easy to maintain

After take out the air grid of the panel, we can easily take out the electric box, then the fan and fan motor can be easily taken out too.

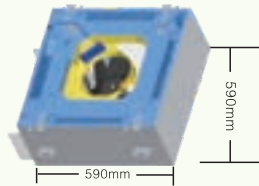


16、 Square panels ,which can choose the direction of inlet/outlet water connection freely

17、 Corner cover design makes installation and maintain conveniently.



18、 The dimension of E1 unit is only 590×590mm, which can be installed in a standard ceiling opening.

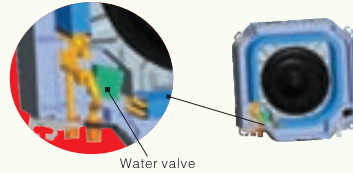


19、 Easily interfaced with most widely used BMS and proprietary supervisory system based on mod Bus protocol.



20、 Water valve can be installed inside the unit(optional).

Water valve is used to control the on/off water flowing to the unit, we installed the valve into the unit, so the user do not need to installed it by themself.



21、 Stainless steel hose can be installed to the unit and act as the inlet/outlet water connection of the unit(optional)

Stainless steel hose is used to reduce the concussion of water pipe ,big concussion will cause to broken and leaking.

we installed the stainless steel hose inside the unit, so the user do not need to install it again. The pre-installed hose reduce also the leaking possible



22、 4-tube system is optional

There are both cooling and heating water circle coil inside the unit, so the unit can deal with cooling or heating at the same time.

4pipe system is always used in the place where need to deal with heating and cooling by refrigeration system at the same time. For example, a room need heating and another need cooling. 5-star hotel always use this kinds FCU.

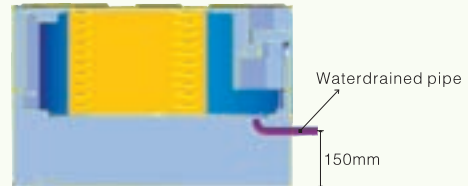


Characteristic

- 1、 Drained by nature, running stable because without water pump, P.C.B which is easy to damaged
- 2、 4-way air flowing, which can uniform temperature distribution in the room
- 3、 Easy to be installed, Low installation cost

Comparing to the ceiling conceal ducted FCU, we do not need to install the air inlet and outlet, and also the ducted connection and insulation.

4、 150mm drained dropping, drain water quickly.



4-way cassette type fan coil unit (without drain pump)



- 5、 Quiet running
- 6、 The air flowing direction can be change by adjust the air guide bar
- 7、 Autoswing function and remote controller is optional after install the P.C.B system
- 8、 Fresh air can be input from outdoor to better indoor air quality
- 9、 Griall is optional to prevent from hand injury
- 10、 Fan and fan motor is easy to maintain
- 11、 Square panels ,which can choose the direction of inlet/outlet water connection freely
- 12、 Corner cover design makes installation and maintian coveniently.
- 13、 The dimension of E1 unit is only 590×590mm, which can be installed in a standard ceiling opening.
- 14、 Stainless steel hose can be installed as inlet/outlet water connection(optional)

15、 Matching nano-photocatalyst cleaning device(optional)

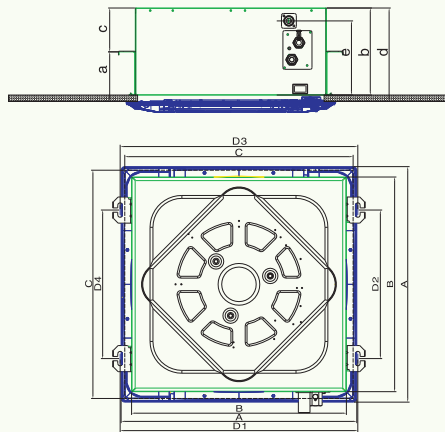
Efficient use of nano-TiO2 Photocatalyst purification, with the degradation of chemical pollution Stained strong capacity, including formaldehyde, benzene degradation rate in one hour reached 71%, 90 minutes to kill the natural flora percentage rate of 83 or more;

The use of advanced photocatalysis can use non-UV light source, thus avoiding hidden dangers caused by ultraviolet radiation leakage;

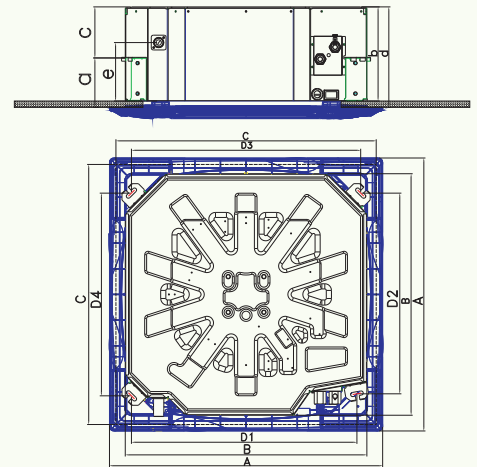


16、 4-tube system is optional

▶ Installing dimension



Applicable models:
FP-34/51/68/KM-E1series



Applicable models:
FP-85/102/136/170/204KM-E2(3) series

Model	Mark	"Luxury 2" type, "Luxury 3" type				"Luxury 1" type, "standard" type				
		MFP-34KM-QEE1	MFP-85KM-QEE2	MFP-136KM-QEE3	MFP-170KM-QEE3	MFP-34KM-EE1	MFP-85KM-EE2	MFP-136KM-EE3	MFP-170KM-EE3	
		MFP-51KM-QEE1	MFP-102KM-QEE2		MFP-204KM-QEE3	MFP-51KM-EE1	MFP-102KM-EE2		MFP-204KM-EE3	
		MFP-58KM-QEE1				MFP-68KM-EE1				
distance from hook to ceiling	a	(mm)	240-245	263-268	228-233	263-268	390-395	413-418	373-378	413-418
thickness of unit	b	(mm)	270	293	260	293	420	443	405	443
distance from hook to top of unit	c	(mm)	50	50	50	50	50	50	50	50
Min. Height of ceiling	d	(mm)	290-295	313-318	278-283	313-318	440-445	463-468	423-428	463-468
distance from drained pipe to ceiling	e	(mm)	230	182	202	182	136	136	136	136
width of panel	A	(mm)	650	850	950	950	650	850	950	950
width of unit	B	(mm)	590	752	822	822	590	752	822	822
ceiling opening dimension	C	(mm)	610-630	780-810	875-910	875-910	610-630	780-810	875-910	875-910
hooks distance 1	D1	(mm)	635	693	757	757	635	693	757	757
hooks distance 2	D2	(mm)	410	608	658	658	410	608	658	658
hooks distance 3	D3	(mm)	635	699	767	767	635	699	767	767
hooks distance 4	D4	(mm)	410	617	648	648	410	617	648	648



Professional, dedicated, expert

4-way cassette FCU performance
(2 tube system)

Model (2 -tube system)			MFP-34KM-(Q)EE1	MFP-51KM-(Q)EE1	MFP-68KM-(Q)EE1	MFP-85KM-(Q)EE2	MFP-102KM-(Q)EE2	MFP-136KM-(Q)EE3	MFP-170KM-(Q)EE3	MFP-204KM-(Q)EE3	
Model of unit			MFP-34KM-(Q)E1	MFP-51KM-(Q)E1	MFP-68KM-(Q)E1	MFP-85KM-(Q)E2	MFP-102KM-(Q)E2	MFP-136KM-(Q)E3	MFP-170KM-(Q)E3	MFP-204KM-(Q)E3	
Panel Type			MB-S****E1			MB-S****E2		MB-S****E3			
Power supply			220V,50Hz,1Ph								
Air volume	H	m ³ /h	340	510	680	850	1020	1360	1700	2040	
	M		280	380	515	660	765	1040	1280	1550	
	L		180	260	340	430	530	710	860	1050	
Static pressure		Pa	0	0	0	0	0	0	0	0	
Cooling capacity	TH	H	W	1800	2700	3600	4500	5400	7200	9000	10800
			BTU/h	6142	9212	12283	15354	18425	24566	30708	36850
			W	1311	1971	2700	3184	4196	5362	6707	8072
	SH	H	BTU/h	4473	6725	9212	10864	14317	18295	22884	27542
			W	1500	2460	3000	3715	4423	6435	7848	9296
			W	994	1555	1995	2426	3041	4236	5393	6603
	TH	M	W	1391	2057	2479	2921	3793	5604	7223	8534
			W	823	1200	1530	1826	2373	3284	4416	5248
			W	2700	4050	5400	6750	8100	10800	13500	16200
SH	M	W	1949	2770	3938	4902	5694	7924	10473	12997	
		W	1297	1774	2779	3505	3876	5421	6992	8645	
		W	37	39	41	43	45	46	48	50	
Heating capacity	H	W	2700	4050	5400	6750	8100	10800	13500	16200	
			1949	2770	3938	4902	5694	7924	10473	12997	
			1297	1774	2779	3505	3876	5421	6992	8645	
Noise	High speed	dB(A)	37	39	41	43	45	46	48	50	
			37	52	62	76	96	134	152	189	
Waterflow volume	High speed	m ³ /h	0.31	0.46	0.62	0.77	0.93	1.23	1.54	1.85	
Pressure dropping	High speed	kPa	11.8	11.8	22.4	27	29.6	29.6	35.4	35.4	
Water tube connection(inlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Water tube connection(outlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Coil			Type Hydrophilic aluminum fin to wear copper tube								
Max.working pressure			MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Condensing water pipe			mm	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	
Net dimension	Drained by pump Drained by nature Panel	L x W x H mm	590 x 590 x 270			752 x 752 x 293		822 x 822 x 260		822 x 822 x 293	
			590 x 590 x 420			752 x 752 x 443		822 x 822 x 405		822 x 822 x 443	
			650 x 650 x 45			850 x 850 x 45		950 x 950 x 45			
Net weight	Drained by pump Drained by nature Panel	kg	19	19	20	23	23	25	28	28	
			19	19	20	26	26	28	31	31	
			2.2			4.5			6		

4-way cassette FCU performance
(4 tube system)

Model (2 -tube system)			MFP-34KM4-(Q)EE1	MFP-51KM4-(Q)EE1	MFP-68KM4-(Q)EE1	MFP-85KM4-(Q)EE2	MFP-102KM4-(Q)EE2	MFP-136KM4-(Q)EE3	MFP-170KM4-(Q)EE3	MFP-204KM4-(Q)EE3	
Model of unit			MFP-34KM4-(Q)E1	MFP-51KM4-(Q)E1	MFP-68KM4-(Q)E1	MFP-85KM4-(Q)E2	MFP-102KM4-(Q)E2	MFP-136KM4-(Q)E3	MFP-170KM4-(Q)E3	MFP-204KM4-(Q)E3	
Panel Type			MB-S****E1			MB-S****E2		MB-S****E3			
Power supply			220V,50Hz,1Ph								
Air volume	H	m ³ /h	340	510	680	850	1020	1360	1700	2040	
	M		280	380	515	660	765	1040	1280	1550	
	L		180	260	340	430	530	710	860	1050	
Static pressure		Pa	0	0	0	0	0	0	0	0	
Cooling capacity	TH	H	W	1350	2030	2700	3380	4050	5400	6750	8100
			BTU/h	4606	6926	9212	11533	13819	18425	23031	27637
			W	1010	1520	2080	2450	3230	4130	5160	6220
	SH	H	BTU/h	3446	5186	7097	8359	11021	14092	17606	21223
			W	1130	1850	2250	2790	3320	4830	5890	6970
			W	770	1200	1540	1870	2340	3260	4150	5080
	TH	M	W	1040	1540	1860	2190	2840	4200	5420	6400
			W	630	920	1180	1410	1830	2530	3400	4040
			W	1080	1620	2160	2700	3240	4320	5400	6480
SH	M	W	780	1108	1575	1961	2278	3170	4189	5199	
		W	519	710	1112	1402	1550	2168	2797	3458	
		W	37	39	41	43	45	46	48	50	
Heating capacity	H	W	2700	4050	5400	6750	8100	10800	13500	16200	
			1949	2770	3938	4902	5694	7924	10473	12997	
			1297	1774	2779	3505	3876	5421	6992	8645	
Noise	High speed	dB(A)	37	39	41	43	45	46	48	50	
			37	52	62	76	96	134	152	189	
Waterflow volume	High speed	Cool	0.23	0.35	0.46	0.58	0.69	0.93	1.16	1.39	
		Heat	0.09	0.14	0.19	0.23	0.28	0.37	0.46	0.56	
Pressure dropping	High speed	Cool	8.26	8.26	15.68	18.9	20.72	20.72	24.78	24.78	
		Heat	3.54	3.54	6.72	8.1	8.88	8.88	10.62	10.62	
Water tube connection(inlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Water tube connection(outlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Coil			Type Hydrophilic aluminum fin to wear copper tube								
Max.working pressure			MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Condensing water pipe			mm	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	
Net dimension	Drained by pump Drained by nature Panel	L x W x H mm	590 x 590 x 270			752 x 752 x 293		822 x 822 x 260		822 x 822 x 293	
			590 x 590 x 420			752 x 752 x 443		822 x 822 x 405		822 x 822 x 443	
			650 x 650 x 45			850 x 850 x 45		950 x 950 x 45			
Net weight	Drained by pump Drained by nature Panel	kg	19	19	20	23	23	25	28	28	
			19	19	20	26	26	28	31	31	
			2.2			4.5			6		



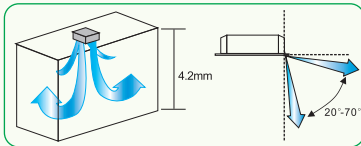
'K' style

4-way cassette type fan coil unit (drain pump inside)



Characteristic

1、4-way air flowing, which can uniform temperature distribution in the room



2、Thin design unit which can be installed in a limit ceiling (the Min. thickness is 260mm)

3、Easy to be installed, Low installation cost

Comparing to the ceiling conceal ducted FCU, we do not need to install the air inlet and outlet, and also the ducted connection and insulation.



4、Remote controller is standard and wire controller is optional



5、Auto swing

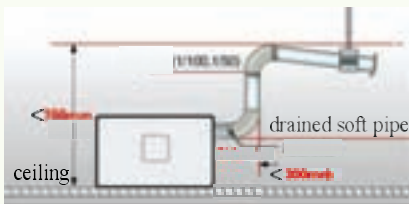
Using advanced 3D software to design the centrifugal fan with streamline and big diameter turbine.

6、Quiet running

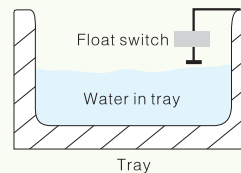
The efficiency of airflow rate, heavy wind volume and low noise is excellent. Because the ventilator wheel is processed to sine strip seam, which enhances its flexibility, and drops the vibration of ventilator during revolving in large scale, simultaneously reduced the motor noise caused by ventilator swinging.



7、High lift water drained pump (750mm), easy to plan the condensate drained pipe

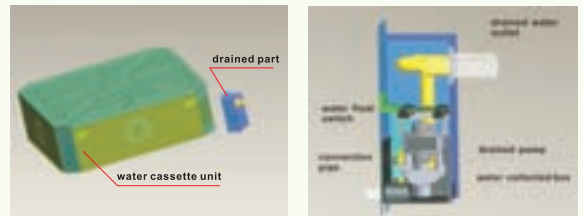


8、Float switch inside to prevent from leaking



After 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.

9、External drained part is optional



A external drained part can be connected to the drained tray, so it is very easy to change a damaged drained pump or float switch.

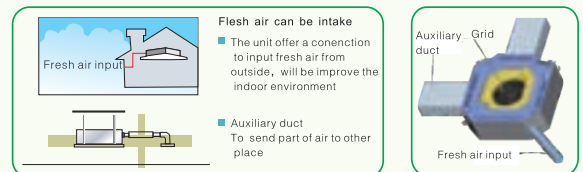
We need only to pull the part out and install a new one, it is so easy that we do not need to open the panel.

While it is very difficult when a pump is installed in a traditional unit. We need remove the panel, then remove the electric box, and remove the tray, the last we can do maintain, after maintain we need to install all parts back the unit, it will cost lots time.

10、Fresh air can be input from outside

Fresh air inlet can import some fresh wind from outside, and ensure the quality of indoor air.

Thus, the consumer can share the fresh and clean air to lessen illness caused by air condition



11、Auxiliary duct is available to send part of air to other place, in order to improve indoor temperature/air quality

12、Negative ion generator is optional

13、Griall is optional to prevent from hand injury

14. The water remain in the tray is easy to drained by manual.

There are a rubber plug on the water collecting tray, we can drained out the dirty water by manual.
Because the water remained inside the tray will keep for a long time, then there will be very dirty and there might be lots bacterial inside too, draining out the dirty water is benefit to the health and also reduce the possible of pump blocking.

15. "C" type heat exchanger, blue fin

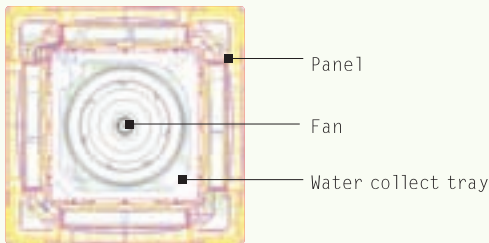
"C" type exchanger is helpful to improve the well-distributed of terminal air duct and refrigerate system, make the efficiency of multi flow more even and it reduced the probable of system leak.

Blue fin extremely reduced the coagulate water detained in the aluminum flake, so it reduce the wind resistance, improved the efficiency of heat exchanger.



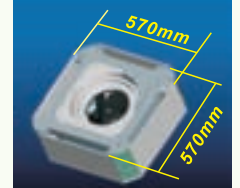
16. Fan and fan motor is easy to maintain

After take out the air grid of the panel, we can easily take out the electric box, then the fan and fan motor can be easily taken out too.



17. Square panels, which can choose the direction of inlet/outlet water connection freely

18. The dimension of K1 unit is only 570x570mm, which can be installed in a standard ceiling opening.



19. Easily interfaced with most widely used BMS and proprietary supervisory system based on mod Bus protocol.



20. Water valve can be installed outside the unit(optional).

Water valve is used to control the on/off water flowing to the unit, we installed the valve outside the unit, so the user do not need to installed it by themselves.



21. 4-tube system is optional

There are both cooling and heating water circle coil inside the unit, so the unit can deal with cooling or heating at the same time.

4pipe system is always used in the place where need to deal with heating and cooling by refrigeration system at the same time. For example, a room need heating and another need cooling. 5-star hotel always use this kinds FCU.



4-way cassette type fan coil unit (without drain pump)

'K' style

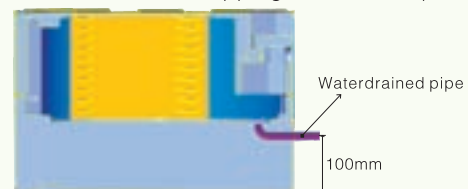


Characteristic

1. Drained by nature, running stable because without water pump, P.C.B which is easy to damaged
2. 4-way air flowing, which can uniform temperature distribution in the room
3. Easy to be installed, Low installation cost

Comparing to the ceiling conceal ducted FCU, we do not need to install the air inlet and outlet, and also the ducted connection and insulation.

4. 100mm drained dropping, drain water quickly.



- 5、Quiet running
- 6、The air flowing direction can be change by adjust the air guide bar
- 7、Autoswing function and remote controller is optional after install the P.C.B system
- 8、Fresh air can be input from outdoor to better indoor air quality
- 9、Griall is optional to prevent from hand injury
- 10、Fan and fan motor is easy to maintain
- 11、Square panels ,which can choose the direction of inlet/outlet water connection freely
- 12、The dimension of E1 unit is only 590×590mm, which can be installed in a standard ceiling opening.
- 13、4-tube system is optional

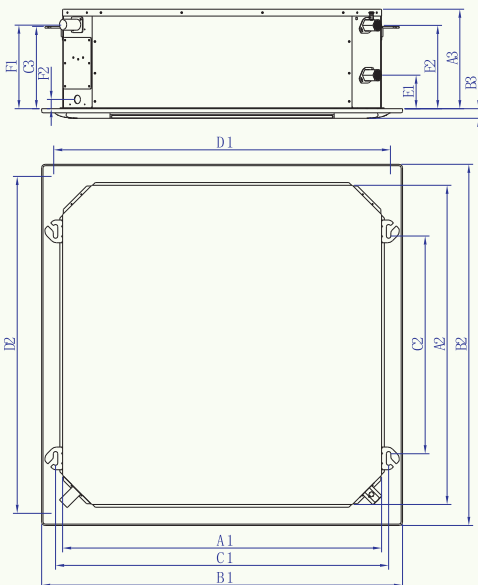
14、Matching nano-photocatalyst cleaning device(optional)

Efficient use of nano-TiO₂ Photocatalyst purification, with the degradation of chemical pollution Stained strong capacity, including formaldehyde, benzene degradation rate in one hour reached 71%, 90 minutes to kill the natural flora percentage rate of 83 or more;

The use of advanced photocatalysis can use non-UV light source, thus avoiding hidden dangers caused by ultraviolet radiation leakage;



▶ Installing dimension



‘Drained by water pump’ style					
MODEL	MARK		MFP-34KM-QKK1 MFP-51KM-QKK1 MFP-68KM-QKK1 MFP-80KM-QKK1	MFP-85KM-QKK2 MFP-102KM-QKK2 MFP-136KM-QKK2	MFP-170KM-QKK3 MFP-204KM-QKK3 MFP-238KM-QKK3
length of unit	A1	(mm)	570	730	930
width of unit	A2	(mm)	570	730	930
height of unit	A3	(mm)	290	290	290
length of panel	B1	(mm)	650	850	1050
width of panel	B2	(mm)	650	850	1050
height of panel	B3	(mm)	28	28	28
distance of hooks (1)	C1	(mm)	611	769	969
distance of hooks (2)	C2	(mm)	275	433	633
vertical position of hook	C3	(mm)	239	239	239
length of ceiling opening	D1	(mm)	620	810	1010
width of ceiling opening	D2	(mm)	620	810	1010
water inlet position	E1	(mm)	98	98	98
water outlet position	E2	(mm)	242	242	242
water drain pipe position	F1	(mm)	242	242	242
water drain pipe position(Reserved)	F2	(mm)	26	26	26

‘Drained by nature’ style					
MODEL	MARK		MFP-34KM-KK1 MFP-51KM-KK1 MFP-68KM-KK1 MFP-80KM-KK1	MFP-85KM-KK2 MFP-102KM-KK2 MFP-136KM-KK2	MFP-170KM-KK3 MFP-204KM-KK3 MFP-238KM-KK3
length of unit	A1	(mm)	570	730	930
width of unit	A2	(mm)	570	730	930
height of unit	A3	(mm)	390	390	390
length of panel	B1	(mm)	650	850	1050
width of panel	B2	(mm)	650	850	1050
height of panel	B3	(mm)	28	28	28
distance of hooks (1)	C1	(mm)	611	769	969
distance of hooks (2)	C2	(mm)	275	433	633
vertical position of hook	C3	(mm)	339	339	339
length of ceiling opening	D1	(mm)	620	810	1010
width of ceiling opening	D2	(mm)	620	810	1010
water inlet position	E1	(mm)	198	198	198
water outlet position	E2	(mm)	342	342	342
water drain pipe position	F2	(mm)	126	126	126



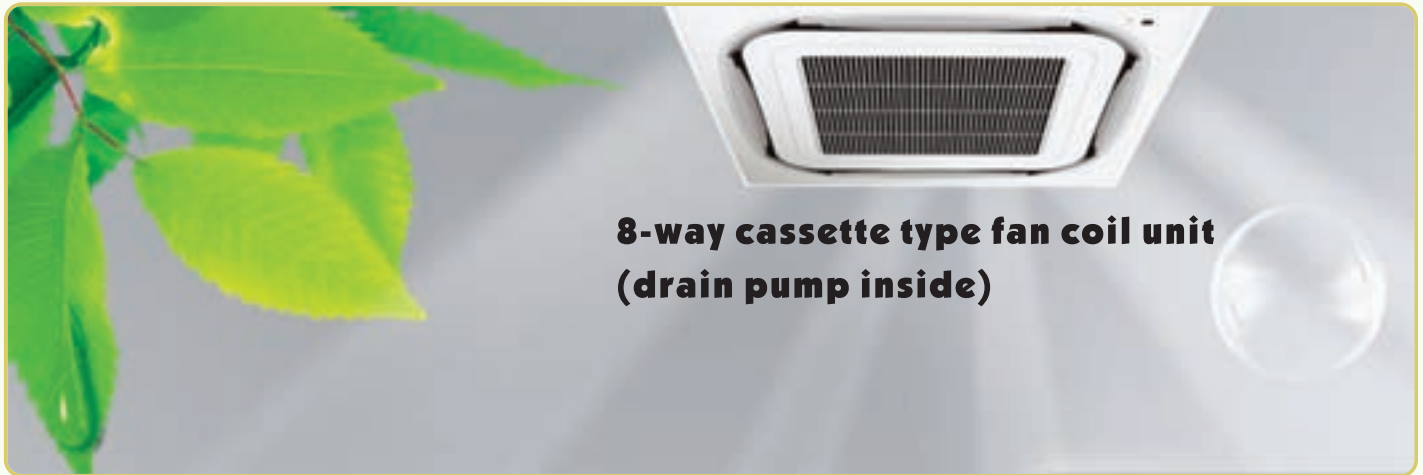
Professional, dedicated, expert

Model (2 -tube system)			MFP-34KM-(Q)KK1	MFP-51KM-(Q)KK1	MFP-68KM-(Q)KK1	MFP-80KM-(Q)KK1	MFP-85KM-(Q)KK2	MFP-102KM-(Q)KK2	MFP-136KM-(Q)KK2	MFP-170KM-(Q)KK3	MFP-204KM-(Q)KK3	MFP-238KM-(Q)KK3		
Model of unit			MFP-34KM-(Q)K1	MFP-51KM-(Q)K1	MFP-68KM-(Q)K1	MFP-80KM-(Q)K1	MFP-85KM-(Q)K2	MFP-102KM-(Q)K2	MFP-136KM-(Q)K2	MFP-170KM-(Q)K3	MFP-204KM-(Q)K3	MFP-238KM-(Q)K3		
Panel Type			MB-S****K1				MB-S****K2			MB-S****K3				
Power supply			220V,50Hz,1Ph											
Air volume	H	m ³ /h	340	510	680	800	850	1020	1360	1700	2040	2380		
	M		290	400	540	650	700	850	1110	1400	1670	1950		
	L		200	290	400	500	550	680	860	1100	1300	1520		
Static pressure		Pa	0	0	0	0	0	0	0	0	0	0		
Cooling capacity	TH	W	1800	2700	3600	4200	4500	5400	7200	9000	10800	12600		
		BTU/h	6142	9212	12283	14300	15354	18425	24566	30708	36850	42991		
		SH	W	1365	2100	2790	3200	3365	4085	5702	6780	8240	9320	
	SH	BTU/h	4657	7165	9519	10918	11481	13938	19455	23133	28115	31800		
		TH	W	1555	2341	3080	3570	3811	4510	6187	7600	9221	10513	
			SH	W	1092	1680	2186	2500	2604	3130	4300	5301	6490	7300
	SH	TH	W	1367	2059	2700	3201	3362	4040	5515	6733	8230	9390	
		SH	L	W	883	1316	1743	2055	2117	2532	3485	4314	5314	5857
			H	W	2700	4050	5400	6350	6750	8100	10800	13500	16200	18900
Heating capacity	M	W	2187	3210	4375	5108	5435	6550	8691	11000	13259	15300		
	L	W	1896	2812	3751	4396	4673	5570	7413	9319	11312	12890		
	Noise	dB(A)	37	39	41	42	43	45	46	48	50	51		
Power input	High speed	W	37	52	62	65	76	96	134	152	189	228		
		Waterflow volume	m ³ /h	0.31	0.46	0.62	0.73	0.77	0.93	1.23	1.54	1.85	2.16	
Pressure dropping	kPa	11.8	12.9	22.1	24.3	18.2	26.8	28.4	33.2	35.9	38.4			
Water tube connection(inlet)		ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"		
Water tube connection(outlet)		ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"		
Coil		Type	Hydrophilic aluminum fin to wear copper tube											
Max.working pressure		MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6		
Condensing water pipe		mm	φ26	φ26	φ26	φ26	φ26	φ26	φ26	φ26	φ26	φ26		
Net dimension	Unit	L x W x H mm	570 x 570 x 290				730 x 730 x 290			930 x 930 x 290				
	Panel	mm	650 x 650 x 45				850 x 850 x 45			1050 x 1050 x 45				
Net weight	Unit	kg	21	21	23	24	27	28	28	31	32	33		
	Panel	kg	3				6			9				

4-way cassette fcu performance (2 tube system)

Model (4 -tube system)			MFP-34KM4-(Q)KK1	MFP-51KM4-(Q)KK1	MFP-68KM4-(Q)KK1	MFP-80KM4-(Q)KK1	MFP-85KM4-(Q)KK2	MFP-102KM4-(Q)KK2	MFP-136KM4-(Q)KK2	MFP-170KM4-(Q)KK3	MFP-204KM4-(Q)KK3	MFP-238KM4-(Q)KK3		
Model of unit			MFP-34KM4-(Q)K1	MFP-51KM4-(Q)K1	MFP-68KM4-(Q)K1	MFP-80KM4-(Q)K1	MFP-85KM4-(Q)K2	MFP-102KM4-(Q)K2	MFP-136KM4-(Q)K2	MFP-170KM4-(Q)K3	MFP-204KM4-(Q)K3	MFP-238KM4-(Q)K3		
Panel Type			MB-S****K1				MB-S****K2			MB-S****K3				
Power supply			220V,50Hz,1Ph											
Air volume	H	m ³ /h	340	510	680	800	850	1020	1360	1700	2040	2380		
	M		290	400	540	650	700	850	1110	1400	1670	1950		
	L		200	290	400	500	550	680	860	1100	1300	1520		
Static pressure		Pa	0	0	0	0	0	0	0	0	0	0		
Cooling capacity	TH	W	1400	2100	2800	3250	3500	4200	5600	7000	8400	9850		
		BTU/h	4777	7165	9554	11089	11942	14330	19107	23884	28661	33608		
		SH	W	1050	1570	2098	2448	2650	3217	4200	5250	6300	7350	
	SH	BTU/h	3583	5357	7158	8353	9042	10976	14330	17913	21496	25078		
		TH	W	1200	1793	2342	2794	2989	3570	4760	5950	7140	8355	
			SH	W	850	1262	1619	1976	2100	2499	3332	4165	4998	5850
	SH	TH	W	1060	1571	2110	2467	2612	3150	4200	5250	6300	7347	
		SH	L	W	675	1000	1340	1580	1643	1998	2667	3333	4009	4663
			H	W	1080	1620	2160	2460	2700	3240	4320	5400	6480	7200
Heating capacity	M	W	870	1310	1762	2000	2160	2620	3489	4374	5251	5832		
	L	W	752	1102	1497	1700	1845	2233	2978	3726	4453	4968		
	Noise	dB(A)	37	39	41	42	43	45	46	48	50	52		
Power input	High speed	W	37	52	62	65	76	96	134	152	189	228		
		Waterflow volume	High speed	Cool	0.24	0.36	0.48	0.56	0.60	0.72	0.96	1.21	1.45	1.70
Pressure dropping	Cool		Heat	0.09	0.14	0.18	0.21	0.23	0.27	0.36	0.45	0.54	0.60	
		Heat	kPa	8.22	8.54	12.88	13.54	16.45	21.07	22.15	25.32	26.67	29.44	
Water tube connection(inlet)	Cooling and heating coil	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"		
		ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"		
Coil		Type	Hydrophilic aluminum fin to wear copper tube											
Max.working pressure		MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6		
Condensing water pipe		mm	φ26	φ26	φ26	φ26	φ26	φ26	φ26	φ26	φ26	φ26		
Net dimension	Unit	L x W x H mm	570 x 570 x 290				840 x 840 x 240			840 x 840 x 285			960 x 960 x 290	
	Panel	mm	650 x 650 x 45				950 x 950 x 45			1140 x 1140 x 45				
Net weight	Unit	kg	22	22	24	25	28	29	29	32	33	34		
	Panel	kg	3				6			9				

4-way cassette fcu performance (4 tube system)



**8-way cassette type fan coil unit
(drain pump inside)**

Characteristic

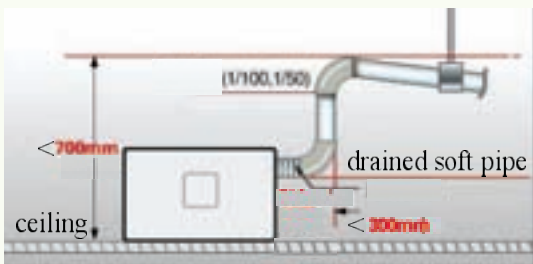
- 1、Surround Air flowing (8-way), there wind can arrive every where in the room



- 2、Fashion designs, the panel is beautiful and elegant
- 3、Thin design unit which can be installed in a limit ceiling (the Min. thickness is 240mm)
- 4、Remote controller is standard and wire controller is optional

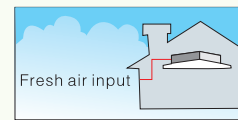


- 5、Quiet running
Because adopt bigger diameter fan,we can reduce the running speed of the fan, which will cause to lower noise.
- 6、High lift water drained pump (750mm),easy to plan the Condensate drained pipe



- 7、Auto swing
- 8、Float switch inside to prevent from leaking

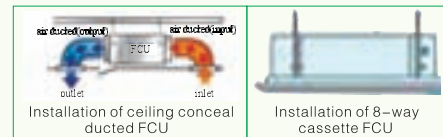
- 9、Fresh air can be inputed from outside



Fresh air can be input
■ The unit offer a conection to input fresh air from outside , will be improve the indoor environment

- 10、Negative ion generator is optional
- 11、The water remain in the tray is easy to drained by manual.
There are a rubber plug on the water collecting tray,we can drained out the dirty water by manual.
Because the water remained inside the tray will keep for a long time, then there will be very dirty and there might be lots bacterial inside too,draining out the dirty water is benefit to the health and also reduce the possible of pump blocking.

- 12、Easy to be installed, Low installation cost



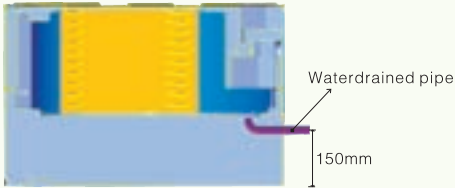
- 13、Fan and fan motor is easy to maintain
- 14、Square panels ,which can choose the direction of inlet/outlet water connection freely
- 15、Corner cover design makes installation and maintian conveniently.
- 16、The dimension of G1 unit is only 570×570, which can be installed in a standard ceiling opening.
- 17、Easily interfaced with most widely used BMS and proprietary supervisory system based on mod Bus protocol.



- 18、Water valve can be installed inside the unit(optional).
- 19、Stainless steel hose can be installed to the unit and act as the inlet/outlet water connection of the unit(optional)
- 20、4-tube system is optional

Characteristic (8-way cassette FCU without drained pump)

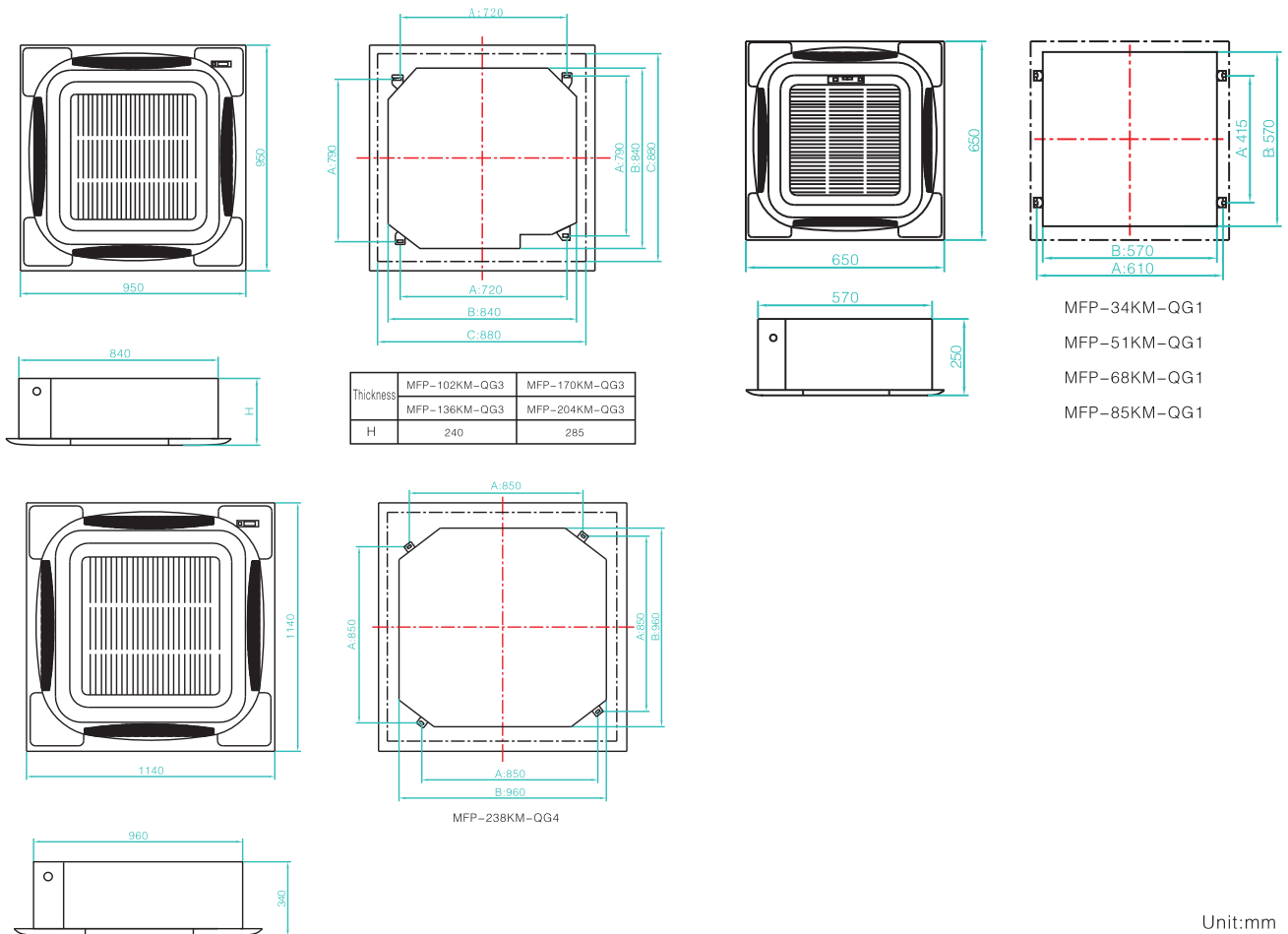
1. Surround Air flowing (8-way), there wind can arrive every where in the room
2. Fashion designs, the panel is beautiful and elegant
3. The air flowing direction can be change by adjust the air guide bar
4. 150mm drained dropping, drain water quickly.



5. Quiet running
Because adopt bigger diameter fan, we can reduce the running speed of the fan, which will cause to lower noise.

6. Fresh air can be inputed from outside
7. Easy to be installed, Low installation cost
8. Fan and fan motor is easy to maintain
9. Square panels ,which can choose the direction of inlet/outlet water connection freely
10. Corner cover design makes installation and maintian conveniently.
11. The dimension of G1 unit is only 570×570, which can be installed in a standard ceiling opening.
11. Stainless steel hose can be installed to the unit and act as the inlet/outlet water connection of the unit(optional)
13. 4-tube system is optional

Installing dimension



MECO

TAIZHOU MECO REFRIGERATION
EQUIPMENT CO., LTD.



FAN COIL UNIT

8-way cassette fcu performance
(2 tube system)

Model (2 -tube system)			MFP-34KM-(Q)AG1	MFP-51KM-(Q)AG1	MFP-68KM-(Q)AG1	MFP-85KM-(Q)AG1	MFP-102KM-(Q)GG3	MFP-136KM-(Q)GG3	MFP-170KM-(Q)GG3	MFP-204KM-(Q)GG3	MFP-238KM-(Q)GG4	
Model of unit			MFP-34KM-(Q)A1	MFP-51KM-(Q)A1	MFP-68KM-(Q)A1	MFP-85KM-(Q)A1	MFP-102KM-(Q)G3	MFP-136KM-(Q)G3	MFP-170KM-(Q)G3	MFP-204KM-(Q)G3	MFP-238KM-(Q)G4	
Panel Type			MB-S****G1				MB-S****G3				MB-S****G4	
Power supply			220V,50Hz,1Ph									
Air volume	H	m³/h	340	510	680	850	1020	1360	1700	2040	2380	
	M		280	380	515	660	765	1040	1280	1550	1800	
	L		180	260	340	430	530	710	860	1050	1280	
Static pressure		Pa	0	0	0	0	0	0	0	0	0	
Cooling capacity	TH	H	W	1800	2700	3600	4500	5400	7200	9000	10800	12600
			BTU/h	6142	9212	12283	15354	18425	24566	30708	36850	42991
			W	1311	1971	2700	3184	4196	5362	6707	8072	9070
	SH	M	W	4473	6725	9212	10864	14317	18295	22884	27542	30947
			BTU/h	1500	2460	3000	3715	4423	6435	7848	9296	10500
			W	994	1555	1995	2426	3041	4236	5393	6603	7190
TH	L	W	1391	2057	2479	2921	3793	5604	7223	8534	8900	
		BTU/h	823	1200	1530	1826	2373	3284	4416	5248	5500	
		W	823	1200	1530	1826	2373	3284	4416	5248	5500	
Heating capacity	H	W	2700	4050	5400	6750	8100	10800	13500	16200	18900	
	M	W	1949	2770	3938	4902	5694	7924	10473	12997	13900	
	L	W	1297	1774	2779	3505	3876	5421	6992	8645	9700	
Noise	High speed	dB(A)	37	39	41	43	45	46	48	50	51	
Power input	High speed	W	37	52	62	76	96	134	152	189	228	
Waterflow volume	High speed	m³/h	0.31	0.46	0.62	0.77	0.93	1.23	1.54	1.85	2.16	
Pressure dropping	High speed	kPa	11.8	11.8	22.4	27	29.6	29.6	35.4	35.4	40	
Water tube connection(inlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Water tube connection(outlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Coil	Type		Hydrophilic aluminum fin to wear copper tube									
Max.working pressure	MPa		1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Condensing water pipe	mm		φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	
Net dimension	Unit	L × W × H mm	570 × 570 × 255				840 × 840 × 240			840 × 840 × 285		960 × 960 × 290
	Panel	L × W × H mm	650 × 650 × 30				950 × 950 × 45			1140 × 1140 × 45		1140 × 1140 × 45
Net weight	Unit	kg	19	19	20	21	24	25	28	28	36	
	Panel	kg	2				6			8		8

8-way cassette fcu performance
(4 tube system)

Model (2 -tube system)			MFP-34KM4-(Q)AG1	MFP-51KM4-(Q)AG1	MFP-68KM4-(Q)AG1	MFP-85KM4-(Q)AG1	MFP-102KM4-(Q)GG3	MFP-136KM4-(Q)GG3	MFP-170KM4-(Q)GG3	MFP-204KM4-(Q)GG3	MFP-238KM4-(Q)GG4	
Model of unit			MFP-34KM4-(Q)A1	MFP-51KM4-(Q)A1	MFP-68KM4-(Q)A1	MFP-85KM4-(Q)A1	MFP-102KM4-(Q)G3	MFP-136KM4-(Q)G3	MFP-170KM4-(Q)G3	MFP-204KM4-(Q)G3	MFP-238KM4-(Q)G4	
Panel Type			MB-S****G1				MB-S****G3				MB-S****G4	
Power supply			220V,50Hz,1Ph									
Air volume	H	m³/h	340	510	680	850	1020	1360	1700	2040	2380	
	M		280	380	515	660	765	1040	1280	1550	1800	
	L		180	260	340	430	530	710	860	1050	1280	
Static pressure		Pa	0	0	0	0	0	0	0	0	0	
Cooling capacity	TH	H	W	1350	2030	2700	3380	4050	5400	6750	8100	9450
			BTU/h	4606	6926	9212	11533	13819	18425	23031	27637	32243
			W	1010	1520	2080	2450	3230	4130	5160	6220	6989
	SH	M	W	3446	5186	7097	8359	11021	14092	17606	21223	23846
			BTU/h	1130	1850	2250	2790	3320	4830	5890	6970	7873
			W	770	1200	1540	1870	2340	3260	4150	5080	5532
TH	L	W	1040	1540	1860	2190	2840	4200	5420	6400	6674	
		BTU/h	630	920	1180	1410	1830	2530	3400	4040	4234	
		W	630	920	1180	1410	1830	2530	3400	4040	4234	
Heating capacity	H	W	1080	1620	2160	2700	3240	4320	5400	6480	7560	
	M	W	780	1108	1575	1961	2278	3170	4189	5199	5560	
	L	W	519	710	1112	1402	1550	2168	2797	3458	3880	
Noise	High speed	dB(A)	37	39	41	43	45	46	48	50	51	
Power input	High speed	W	37	52	62	76	96	134	152	189	228	
Waterflow volume	High speed	Cool	m³/h	0.23	0.35	0.46	0.58	0.69	0.93	1.16	1.39	1.6
		Heat	m³/h	0.09	0.14	0.19	0.23	0.28	0.37	0.46	0.56	0.7
Pressure dropping	High speed	Cool	kPa	8.26	8.26	15.68	18.9	20.72	20.72	24.78	24.78	40
		Heat	kPa	3.54	3.54	6.72	8.1	8.88	8.88	10.62	10.62	16
Water tube connection(inlet)	Cooling and heating coil		ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Water tube connection(outlet)	Cooling and heating coil		ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Coil	Type		Hydrophilic aluminum fin to wear copper tube									
Max.working pressure	MPa		1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Condensing water pipe	mm		φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	φ 26	
Net dimension	Unit	L × W × H mm	570 × 570 × 255				840 × 840 × 240			840 × 840 × 285		960 × 960 × 290
	Panel	L × W × H mm	650 × 650 × 30				950 × 950 × 45			1140 × 1140 × 45		1140 × 1140 × 45
Net weight	Unit	kg	19	19	20	21	24	25	28	28	36	
	Panel	kg	2				6			8		8