



The newly designed Ultra-thin Water Fan Coils with smaller and more exquisite body can be perfect decoration for your rooms. The efficiency of this kinds of units is as excellent as before with its compact structure and scientific design. All these characteristics can bring your family a super quality life.

The main features are as follows:

- ▶ **Petite size to better fit your room;**
- ▶ **Portable body to remove;**
- ▶ **130mm thickness casing easily mounted and save more space;**
- ▶ **Save 30% energy consumption;**

ULTRA-THIN WATER FAN COILS





Ultra-thin Water Fan Coils

Macon Ultra-thin Water Fan Coils are based on the forced-convection heat transfer technology which makes the heat dissipation more efficient. Compared with the traditional heating radiators, the units can save more than 30% energy consumption. The advanced control makes uniform temperature distribution and people feel more comfortable. When combined with heat pump units, the fan coil units can meet different heating or cooling requirements. With low noise only 25dB (A) and ultra-thin casing 130mm, the units stand out of the terminals markets.

Concentrate on Advanced Fan Coil Technology



01 ULTRA-THIN Casing

Due to the individual structure design inside, MACON Ultra-thin Fan Coils just with 130mm thickness casing comparing with that of the common fan coils, which are comparing with that of the common fan coils, which are 250mm, can save more space for your room.



02 HIGH Efficiency

Heat dissipation capacity of the fan coil units is twice higher than of the common radiators. As the heat is uniformly distributed by the units inside the rooms, they can save 30% energy consumption comparing with the common heating radiators. Radiators only offer heating, but our ultra-thin FCU can offer both heating and cooling.



The capacity of one MACON Water Fan Coil is equal to that of three common radiators

03 SUPER Quiet

The use of cross-flow fans combined with newly wind-guiding technology makes the units with lower noise, thus people can enjoy a healthier and more comfortable sleep. Using metal cross flow fan, not only decrease operating noise, but also increase air pressure.

04 EASY Installation

The units are flexible to be installed wherever you want because of their varied installation ways. Except for the ceiling installation, you can choose floor standing or wall mounted installation as well.



05 INTELLIGENT Control

With the application of intelligent controllers designed by MACON, the units can adjust the heat dissipation automatically according to the environment condition. Remote controllers are optional for more convenient control for users.



Stand on the ground



Hand it on the wall

PARAMETER(50Hz)

Model		MFP-20CM	MFP-30CM	M FP-40CM	MFP-50CM	MFP-60CM
Power supply		220V,50Hz,1Ph				
Air volume max	m ³ /h	200	300	400	500	600
Air volume min	m ³ /h	80	120	180	220	260
Cooling capacity	W	1000	1900	2800	3500	4000
	Btu/h	3400	6500	9550	12000	13700
Heating capacity (1)	W	1500	2850	4200	5250	6000
	Btu/h	5100	9700	14300	17900	20500
Heating capacity (2)	W	2000	3800	5550	6950	8000
	Btu/h	6800	12950	18950	23700	27300
Noise	dB(A)	30	32	36	38	40
Power input	W	18	24	35	40	45
Waterflow volume	m ³ /h	0.17	0.33	0.49	0.6	0.64
Pressure dropping	kPa	12	14	18	20	24
Water tube connection(inlet)		R1/2"				
Water tube connection(outlet)		R1/2"				
Coil	Type	high efficient copper pipe to wear Hydrophilic aluminum coil				
Maximum working pressure	Mpa	1.6				
Condensation pipe size (diameter)	mm	φ 21				
Net dimension(L*W*H)	mm	700X130X681	900X130X681	1100X130X681	1300X130X681	1500X130X681

① Cooling

Entering air temperature: Dry bulb 27°C, Wet bulb 19.5°C
 Entering/out water temperature: 7°C/ 12°C

② Heating(1)

Entering air temperature: 20°C
 Entering water temperature: 60°C, Same water flow rate as for the cooling

③ Heating(2)

Entering air temperature: 20°C
 Entering water temperature: 70°C, Same water flow rate as for the cooling



Creative and Detail-oriented



The active carbon filter net set inside the unit not only can isolate the poisonous gases and refreshes the air, but also is easy for cleaning.



The newly design controller with fashionable appearance and simple controlling display makes the operation of the unit easier and more user-friendly.



The brushless fan motors makethe units be with lower noise and higher speed in operation.



Superior quality cross-flow fan brings the unit big air volume and low noise.



The unit runs stably with adoption of 3-way motorized vale which can improve the power utilization and reduce the energy consumption largely.



Copper tube/aluminum fin coil with hydrophilic coating heat exchanger ensure the unit higher efficiency and a longer service life.

Certifications





HIGH QUALITY
LIFE FOR YOU

ACTUAL APPLICATION



RoHS

