

Ultra-Thin Water FAN Coil

GROHOD

**STRONG HEART INSIDE
EXCELLENT PERFORMANCE OUTSIDE**



ULTRA-THIN WATER FAN COILS

NEW



Ultra-thin Water Fan Coils

Compared with the traditional heating radiators, Ultra-thin Water Fan Coils can save more than 30% energy consumption. The advanced control makes well-proportioned 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 of 30dB(A) and ultra-thin casing of 130mm, the units stand out of the terminal markets.

Concentrate on Advanced Fan Coil Technology



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.



ULTRA-THIN Casing

Thanks to the specialized internal structure design, Ultra-thin Fan Coils of 130mm thickness casing comparing with that of the common fan coils (generally of 250mm), save more space for your room.



03

HIGH Efficiency

Heating capacity of the fan coil units is twice higher than that of the common radiators. As the heat averagely distributed to the rooms, the units can save 30% energy consumption comparing with the common heating radiators.



The capacity of 1 Water Fan Coil is equal to that of 3 common radiators.

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.



Ceiling Mounted



Floor Standing



Wall Mounted

05

SMART Control

We provide you with **different types of controllers** for your option. You can choose the controller with control buttons which is the easiest way for operation. Also you can select the advanced one with touch screen or directly use the remote controller to control the units.



Easy Operation Controller

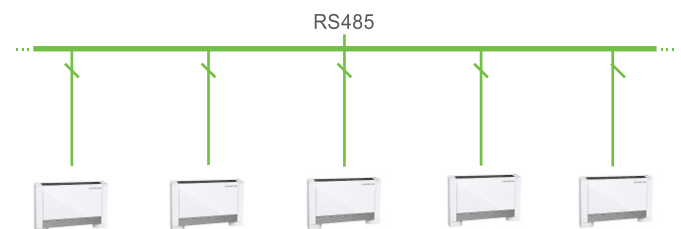
Remote Controller

Touch Screen Controller

The fan coils can also be controlled by your **wall thermostat**, which is another convenient way for controlling.



Wall Thermostat



Moreover, **RS485 communication** is now available for users. Centralized control can be realized for fan coils based on modbus protocol.

More Models, More Choices

1. We provide you totally with **five different sizes** vertical water fan coils in different casings. You can pick one which best meets your requirement for heating/cooling.



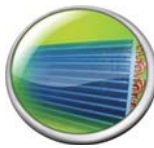
2. We provide you with **different nice-lookings** vertical water fan coils. Except for the classic one that is with white galvanized appearance, we also offer units with black glass panel design which can perfectly match with your room decorations and bring your house some special scenery.



Creative and Detail-oriented



GROHOD multi-functional PCB can communicate with the wall thermostat, control the heat pump or boiler ON/OFF, and switch heating/cooling mode.



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



The units run stably with adoption of 3-way motorized valve which can improve the power utilization and reduce the energy consumption largely.



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

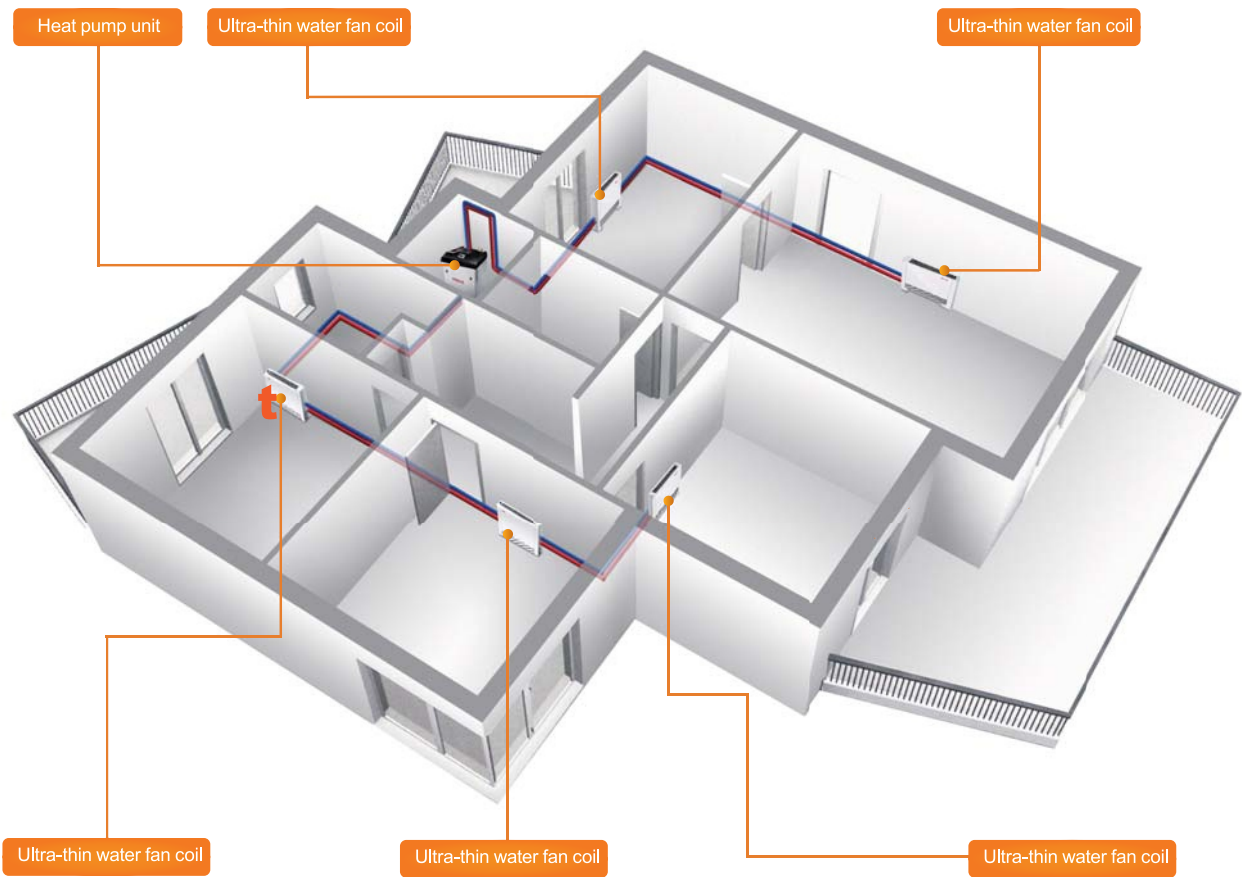
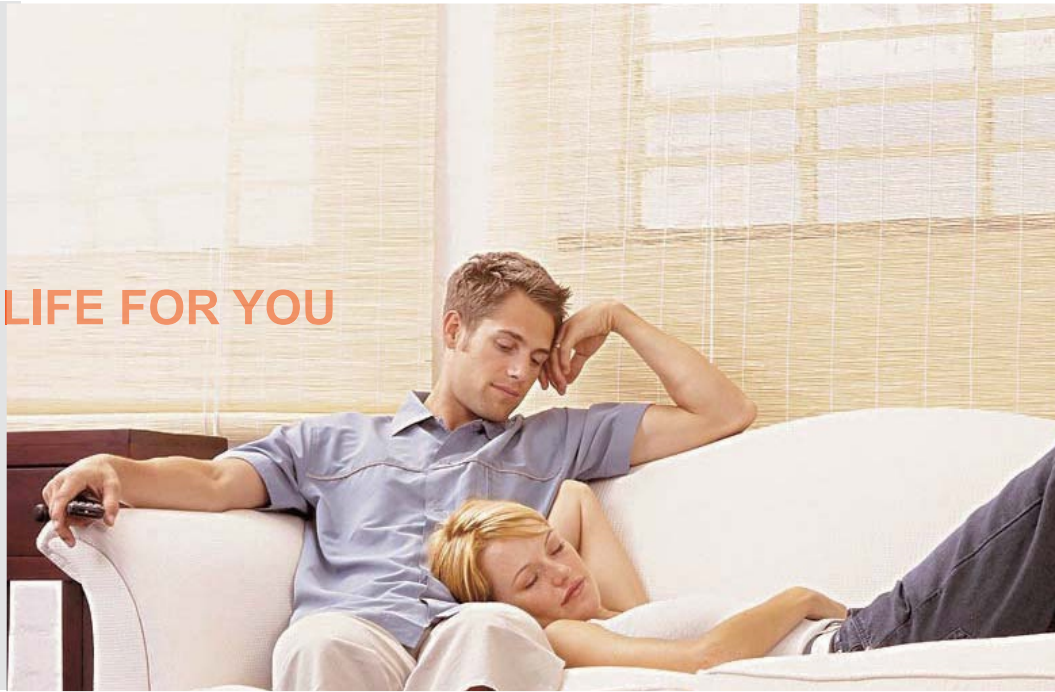


The brushless fan motors make the units be with lower noise and higher speed in operation.



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

HIGH QUALITY LIFE FOR YOU



SOLUTION

This solution is specially designed for residential use. Ultra-thin Fan Coils cooperating with GROHOD Heat Pumps provide heating and cooling for the families. The advantages of ultra-thin design, elegant appearance together with super quiet feature provide a fashionable and comfortable life for you.





PARAMETER(50Hz)

Model		GH-FCS025-A/C	GH-FCS040-A/C	GH-FCS060-A/C	GH-FCS080-A/C	GH-FCS100-A/C
*Heating Capacity	W	2550	3950	5750	7200	9400
	BTU/h	8670	13430	19550	24480	31960
*Water Flow Rate	m3/h	0.22	0.34	0.49	0.62	0.81
*Water Pressure Drop	kPa	10.6	12.2	26.2	27.5	28.2
**Heating Capacity	W	1350	2500	3350	4300	5200
	BTU/h	4590	8500	11390	14620	17680
**Water Flow Rate	m3/h	0.23	0.43	0.58	0.74	0.89
**Water Pressure Drop	kPa	10.8	13.1	27.5	27.9	28.5
***Cooling Capacity	W	1000	1900	2500	3500	4350
	BTU/h	3400	6460	8500	11900	14790
***Water Flow Rate	m3/h	0.17	0.33	0.43	0.60	0.75
***Water Pressure Drop	kPa	11.1	13.3	27.7	28.3	30.6
Air Volume(DC Motor)	m3/h	160	320	460	580	650
Noise Pressure at Max Air Flow(A Type)	dB(A)	30	32	37	39	41
Noise Pressure at Min Air Flow(A Type)	dB(A)	24	27	28	28	30
Noise Pressure at Max Air Flow(C Type)	dB(A)	40	44	46	47	48
Noise Pressure at Min Air Flow(C Type)	dB(A)	24	27	28	28	30
Power Supply	/	220-240V~/50Hz				
Power Input	W	15	20	23	25	32
Water In/Out	inch	3/4				
Drain Connection	mm	16				
Net Dimensions(L/W/H)	mm	700/130/670	900/130/670	1100/130/670	1300/130/670	1500/130/670
Shipping Dimensions(L/W/H)	mm	740/180/730	940/180/730	1140/180/730	1340/180/730	1540/180/730

*Heating: Ambient temp.(DB/WB): 20°C/-, Water temp.(In/Out): 70°C/-;

**Heating: Ambient temp.(DB/WB): 20°C/-, Water temp.(In/Out): 50°C/-;

***Cooling: Ambient temp.(DB/WB): 27°C/19°C, Water temp.(In/Out): 7°C/12°C.

The data above is only a reference. For model specifications, please refer to the nameplate on the unit.