

# GROHOD

*The most precise fit makes the best choice!*



## *Fan Coil Unit*

**Ultra-thin ceiling concealed FCU**

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## Ultra-thin ceiling concealed FCU



Auxiliary Drain Pan



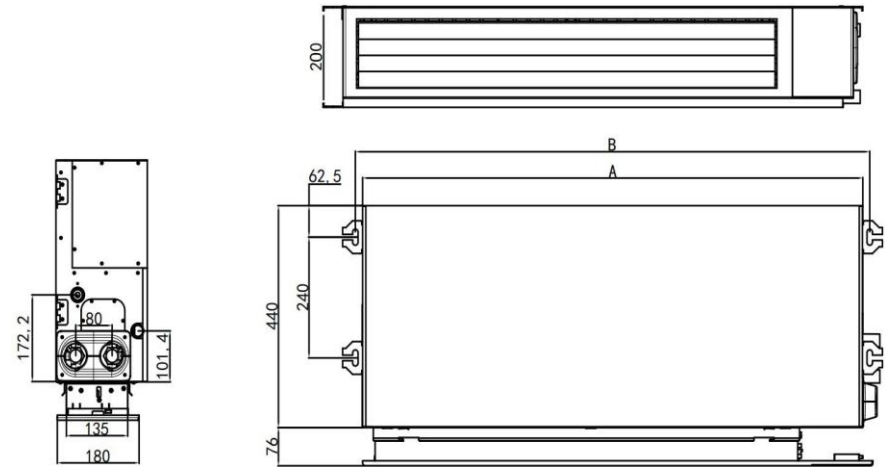
## Control System



- Wireless remote controller is standard; Wired wall controller is optional;
- Auto reset, operation mode control; with room sensor & coil sensor;
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board
- RS485 ModBus, master-slave network control-Optional

## Dimensions

Unit:mm



## Design Features

### ✓ 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 30bar(3Mpa) 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.

Model: FCUltraThin			FCIO200D	FCIO300D	FCIO400D	FCIO500D	FCIO600D	FCIO800D	
CFM			200	300	400	500	600	800	
Air Flow Rate	H	m³/h	340	510	680	850	1020	1360	
	M	m³/h	280	390	520	680	790	1030	
	L	m³/h	180	260	350	490	520	590	
Cooling	Cooling Capacity	H	kW	1.8	2.7	3.6	4.5	5.4	7.2
		M	kW	1.5	2.3	2.8	3.8	4.6	5.8
		L	kW	1.1	1.4	2	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	kW	2.5	3.5	4.2	5.7	6.9	8.7
		L	kW	1.7	2.1	3.0	4.0	5.8	6.4
Fan blower		Type	Centrifugal Fan						
		Model	YPB145-145						
		Quantity	pcs	2	2	2	2	3	3
Power Supply		220V/1Ph/50Hz							
Electric	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				37	39	41	43	45	46
Unit Dimensions		A	mm	700		900		1100	
		B	mm	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, 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