



United Technologies
turn to the experts

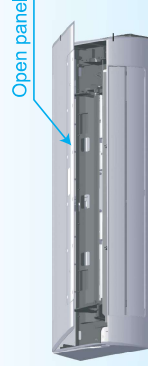
Carrier Hydronic Hiwall Fan Coil



Features

- 220-240V/1Ph/50Hz power supply is standard, 208-230V/1Ph/60Hz can be customized.
- Black panel is standard while white panel is alternative.
- Cross flow fan creates quiet and comfortable environment.
- Wireless remote controller with LED display is standard, wired controller is optional.
- Multi-connection outlet pipe method: left/right/rear, satisfy the need of different rooms.
- Built-in the 3-way electromagnetic valve.
- Easy maintenance has been realized as the front panel can be removed for easy access.
- Four-speed motor with one reserved for more choice.

Easy maintenance



Multi-connection outlet pipe



Specification

Model:40HP-		07	09	12	14	18	
Air flow	H/M/L	425/360/320	510/430/380	680/580/510	850/720/640	1020/870/770	
	H/M/L	250/210/180	300/250/220	400/340/300	500/420/380	600/510/450	
Capacity	H/M/L	2.2/1.8/1.65	2.6/2.2/2.05	3.0/2.6/2.27	4.0/3.7/3.324	4.45/4.18/3.74	
	H	378	454	530	700	765	
Water pressure drop	H	12	18	22	26	29	
	H/M/L	3.02/2.6/2.23	3.68/3.25/2.77	4.34/3.86/3.25	5.69/5.12/4.32	6.3/5.67/4.73	
Power supply	H	10	16.4	20.8	25.1	27.9	
	H	28	40	44	50	60	
Sound pressure level	H/M/L	30/24/20	35/29/24	37/31/26	39/33/28	40/34/29	
	Low noise 4-speed fan motor						
Fan motor	Type	1					
	Type	Tangential fan					
Fan	Quantity	1					
	Row	2					
Coil	Max. Working pressure	MPa					
	Diameter	mm					
Body	Dimensions	W×H×D	915×210×290	915×210×290	1070×210×316	1070×210×316	
		W×H×D	1020×300×385	1020×300×385	1180×300×410	1180×300×410	
	Net weight	kg	12	12	12	15	15
		Gross weight	kg	16	16.7	17	19
Pipe connection	Water inlet/outlet pipe	G3/4					
	Drain pipe	ODφ20					

Note:

1. H: high fan speed; M: medium fan speed; L: low fan speed.
2. Cooling conditions: entering water 7℃, temperature rise 5℃, entering air temperature 27℃ DB/19℃ WB.
Heating conditions: entering water 60℃, entering air temperature 20℃ DB, the same water flow as the cooling conditions.
3. The noise is tested in the semi-anechoic test room.

Controller (Wireless remote is standard, wired controller is optional)



Specification

- Working Rated Voltage: DC3V.
- Min. voltage for sending signal of CPU: DC2.4V.
- Working Environment: Temperature: -5~60℃.
- Effective receiving distance: 8~11m.
- Temperature Controlling Range: 17~30℃.
- Temperature Controlling Precision: ±1℃.

Function

- LCD display screen.
- Mode setting: auto/cool/heat/dry/fan.
- Fan speed selection: auto/high/medium/low.
- Time setting/temp. setting/ swing setting.

Specification

- Working Voltage: DC5V.
- Working Environment: Temperature: -15~43℃
Relative Humidity: 40%~90%.
- Temperature Controlling Range: 17~30℃.
- Temperature Controlling Precision: ±1℃.



Function

- Big LCD display screen.
- Mode setting: auto/cool/heat/dry/fan.
- Fan speed selection: auto/high/medium/low.
- Economic operation mode/time setting/temp. setting.
- ON/OFF mode setting.