

# Concealed fan coil unit

+cold

**Air Flow: 360-2380 m<sup>3</sup>/h**

Fan coil unit consists of centrifugal fan and cooling coil etc., it's terminal unit for central air conditioning system, widely applied in air conditioning systems in hotel, restaurant, factory, hospital, exhibition hall, supermarket, office buildings etc.

## Specification

Concealed FCU, filter, air return plenum, 2 pipes, 3 rows.



Indoor inst.



Horizontal



Chilled water

Model		BCP034	BCP051	BCP068	BCP085	BCP102	BCP136	BCP170	BCP204	BCP238	
Specification											
Rated flow rate (m <sup>3</sup> /h)	H	360	560	690	850	1020	1360	1700	2040	2380	
	M	260	390	510	640	770	1020	1280	1530	1790	
	L	170	260	340	430	510	680	850	1020	1190	
Cooling capacity (kW)		2.35	3.45	4.48	5.35	7.16	8.79	10.8	12.2	14	
Heating capacity (kW)		3.88	5.1	7.72	8.45	10	13.7	16.9	19.4	23.7	
Power Input (W)	12Pa	H	34	48	61	76	94	124	152	182	228
	30Pa	H	44	59	72	87	108	156	174	212	253
	50Pa	H	49	66	84	100	118	174	210	250	300
Noise dB (A)	12Pa	H	37	39	41	43	45	46	48	50	52
	30Pa	H	40	42	44	46	47	48	50	52	54
	50Pa	H	42	44	46	47	49	50	52	54	56
Water flow rate (kg/h)		416	611	794	948	1268	1557	1906	2161	2480	
Water pressure drop (kPa)		≤30	≤30	≤30	≤30	≤40	≤40	≤40	≤40	≤50	
Net weight (kg)		13.5	16	18.5	20	21	30	34	37	41	
Dimension (mm)	Lenght	730	880	980	1080	1250	1500	1660	1830	1940	
	Width	477	477	477	477	477	477	477	477	477	
	Height	230	230	230	230	230	230	230	230	230	
Optional FCU lenght with		880	980	1080	1250	1500	1660	1830	1940	1940	
Water pipe connection (Inch)		3/4									
Drain pipe size (Inch)		3/4									
Power supply (V/Hz/Ph)		220/1/50									

## Concealed Fan Coil Unit



1. Cooling standard condition: Inlet air DB temp. 27°C, WB temp. 19.5°C, water inlet temp. 7°C, water outlet temp. 12°C.
2. Heating standard condition: Inlet air DB 21°C, water inlet temp. 60°C.
3. DC motor, thermostat, 2 way motorized valve is optional.
4. The performance is 20% higher than Chinese National Standard GB/T19232-2003.

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