

## FAN COIL UNIT

MCK 200~1200

FAN COIL UNIT MCK Series  
Chilled water cassette fan coil unit

### Characteristics

Chilled water cassette unit for false ceiling installation with direct air inlet and outlet

Low noise

Optimizer diffusing type

Self-supporting structure made of galvanized sheet metal complete with device for the natural discharge and condensate pump

3-speed fan motor

Infrared remote controller

### Available configurations

MCK 200 C 2 - R - 1  
(1) (2) (3) (4)

(1) Nominal Air Volume:CFM

(2) Quantity of Coils:

2: Two pipes

4: Four pipes

(3) Direction of Nozzle:

L Left hand side

R Right hand side

(4) Power Supply:

1 220/1/50

3 230/1/60

6 Other power supply

### Applications



arts and crafts



industry



commerce



workshop



agriculture



domestic use

### Functions and features



Indoor inst.



Refrig. water



### Optional

3-way valve

2-way valve

Stainless steel flexible connection pipe

### 2 pipes installation

Model	MCK	Size	200C			300C			400C			600C			800C			1000C			1200C					
		Speed	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L			
Air side	Air flow	m <sup>3</sup> /h	350	260	220	500	450	330	710	620	540	1020	840	660	1250	950	720	1600	1250	900	2000	1600	1320			
	Nominal cooling capacity	KW	2	1.8	1.6	2.8	2.52	2.24	3.5	3.15	2.8	5.5	4.95	4.4	6.6	5.94	5.28	8.5	7.65	6.8	11	9.9	8.8			
	Sensible cooling capacity	KW	1.44	1.30	1.15	2.02	1.81	1.61	2.52	2.27	2.02	3.96	3.56	3.17	4.75	4.28	3.80	6.12	5.51	4.90	7.92	7.13	6.34			
General	Nominal Heating capacity	KW	3	2.55	2.19	4.2	3.57	3.06	5.25	4.46	3.83	8.25	7.0	6.03	9.9	8.41	7.23	12.75	10.82	9.30	16.5	14.05	12.05			
	Water flow	l/s	0.178			0.238			0.28			0.326			0.344			0.399			0.454					
	Pressure drop	KPa	18			21			22			29			31			34			37					
Coil side	Maximum working pressure	MPa	1.60																							
	Power input	W	35			40			50			105			115			155			210					
	Current input	A	0.16			0.18			0.22			0.45			0.51			0.68			0.92					
Motor	Noise	dB(A)	41	35	28	43	37	29	43	37	29	44	38	30	46	41	32	48	43	33	49	45	34			
	Power supply	220V/1P/50Hz																								
	Controller	Remote or wall pad																								
Dimension	Width	mm	650			650			650			950			950			950			950					
	Depth	mm	650			650			650			950			950			950			950					
	Height	mm	285			285			285			310			310			315			315					
Pipe size	Inlet/outlet nozzle	DN	20																							
	Condensate pipe diameter	DN	20																							
	Weight	kg	24			25			27			38			48			50			52					

### 4 pipes installation

Model	MCK	Size	200C			300C			400C			600C			800C			1000C			1200C					
		Speed	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L			
Air side	Air flow	m <sup>3</sup> /h	350	260	220	500	450	330	710	620	540	1020	840	660	1250	950	720	1600	1250	900	2000	1600	1320			
	Nominal cooling capacity	KW	1.83	1.647	1.32	2.5	2.31	2.01	3.2	2.8	2.4	5.2	4.2	3.3	5.8	4.7	3.7	7.7	5.2	5.00	8.5	6.8	5.5			
	Sensible cooling capacity	KW	1.32	1.19	0.95	1.80	1.66	1.45	2.30	2.02	1.73	3.74	3.02	2.38	4.18	3.38	2.66	5.54	4.66	3.60	6.12	4.90	3.96			
General	Nominal Heating capacity	KW	1.5	1.3	0.85	2.12	1.56	1.31	2.33	2.08	1.86	3.6	3.08	2.63	4.24	3.66	3.1	6.00	5.16	4.42	6.66	5.73	4.92			
	Water flow	l/s	0.178			0.238			0.28			0.326			0.344			0.399			0.454					
	Pressure drop	KPa	18			21			22			29			31			34			37					
Coil side	Maximum working pressure	MPa	1.60																							
	Power input	W	35			40			50			105			115			155			210					
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	Depth	mm	650			650			650			950			950			950			950					
	Height	mm	285			285			285			310			310			315			315					
Pipe size	Inlet/outlet nozzle	DN	20																							
	Condensate pipe diameter	DN	20																							
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### Note:

Cooling rated conditions: air inlet 27°C(DB)/19.5°C(WB). Water inlet 7°C, water inlet/outlet temperature difference 5 °C.

Heating rated conditions: air inlet 20°C(DB), hot water inlet 60°C, the hot water flow is the same as the cooling water flow.

Noise measured at 1m in open field.