

FAN COIL UNIT



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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 220V/50

3 230V/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	Size	200C			300C			400C			600C			800C			1000C			1200C			
		H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	
Air side	Speed																						
	Air flow	m ³ /h	350	280	220	500	450	330	710	620	540	1020	840	660	1250	950	720	1600	1250	900	2000	1600	1320
General	Nominal cooling capacity	KW	2	1.8	1.8	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
	Nominal Heating capacity	KW	3	2.55	2.19	4.2	3.57	3.06	5.25	4.48	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
Coil side	Water flow	l/s	0.178																				
	Pressure drop	KPa	18																				
Motor	Maximum working pressure	MPa	1.60																				
	Power input	W	35			40			50			105			115			155			210		
Controller	Current input	A	0.16																				
	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																					
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		
Loading qty 20' 40' 40H'	Pcs	120	287	305	120	287	305	120	287	305	64	144	154	64	144	154	64	144	154	64	144	154	

4 pipes installation

Model	Size	200C			300C			400C			600C			800C			1000C			1200C			
		H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	
Air side	Speed																						
	Air flow	m ³ /h	350	280	220	500	450	330	710	620	540	1020	840	660	1250	950	720	1600	1250	900	2000	1600	1320
General	Nominal cooling capacity	KW	1.83	1.67	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
	Nominal Heating capacity	KW	1.5	1.3	0.85	2.12	1.56	1.31	2.33	2.08	1.86	3.8	3.08	2.63	4.24	3.66	3.1	6.00	5.16	4.42	6.66	5.73	4.62
Coil side	Water flow	l/s	0.178																				
	Pressure drop	KPa	18																				
Motor	Maximum working pressure	MPa	1.60																				
	Power input	W	35			40			50			105			115			155			210		
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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.