

## Fan Coil Unit- MCW Series

Horizontal unit, rear air inlet and front air outlet for ceiling concealed installation.



### Features

- Ceiling concealed Installation.

### Composition

- **Construction:**
  - Galvanized steel panels.
  - Insulated internal walls.
- **Fan unit**
  - Centrifugal fan with galvanized steel turbines.
  - 3-speed motor

- **Water coil:**

- Copper tubes with corrugate / louver aluminum fins.

2 pipes installation- 3 rows main coil

Model MCW		200C			300C			400C			600C		
Speed		H	M	L	H	M	L	H	M	L	H	M	L
General	Nominal cooling kW	2.06	1.79	1.52	2.98	2.45	2.16	4.01	3.65	3.35	5.35	5.01	4.65
	Sensible cooling kW	1.48	1.29	1.09	2.15	1.76	1.56	2.89	2.63	2.41	3.85	3.61	3.35
	Nominal Heating kW	3.4	2.9	2.40	5.3	4.12	3.52	6.51	5.62	4.85	9.3	8.35	7.58
Air side	Air flow m <sup>3</sup> /h	340	260	220	510	460	330	680	540	420	1020	830	660
Coil side	Water flow l/s	0.11			0.15			0.21			0.28		
	Water drop kpa	14			25			20			35		
Motor	Power input W	30			35			50			87		
	Current input A	0.15			0.16			0.22			0.38		
Sound level at 1m dB(A)		34	28	23	36	28	24	39	33	27	44	38	30
Power supply V/Ph/Hz		230/1/50(60)											
Width mm		760			930			1060			1290		
Dimension	Depth mm	493			493			493			493		
	Height mm	230			230			230			230		
Weight kg		14			16			17			22		

Model MCW		800C			1000C			1200C			
Speed		H	M	L	H	M	L	H	M	L	
General	Nominal cooling kW	7.71	6.82	6.25	8.8	7.85	6.32	10.7	9.80	9.01	
	Sensible cooling kW	5.55	4.91	4.50	6.34	5.65	4.55	7.70	7.06	6.49	
	Nominal Heating kW	12.8	10.5	9.28	15.1	13.2	10.5	17.3	15.1	13.2	
Air side	Air flow m <sup>3</sup> /h	1360	1050	800	1700	1300	950	2040	1670	1300	
Coil side	Water flow l/s	0.39			0.45			0.55			
	Water drop kpa	35			40			40			
Motor	Power input W	110			160			174			
	Current input A	0.45			0.75			0.88			
Sound level at 1m dB(A)		46	41	32	47	42	32	49	45	34	
Power supply V/Ph/Hz		230/1/50									
Width mm		493	1510			1720			1920		
Dimension	Depth mm	1290	493			493			493		
	Height mm	230	230			230			230		
Weight kg		22	28			32			35		

**Notes:**

The sound pressure level refers to a room of 100 cubic meters and a measured reverberation time of 0.5 sec.

Cooling: Air: 27°C D.B. 19°C W.B. Water: 7/12°C; speed max.

Heating: Air: 20°C Water: 70/60°C; The hot water flow is the same as the cooling water flow.