

MCM - Ceiling convertible

FAN COILS



EW Series



DW Series

Cooling capacity: 4,54 kW ÷ 13,2 kW
Heating capacity: 5,72 kW ÷ 15,1 kW



GENERAL CHARACTERISTICS

- Ceiling Convertible feature offers flexibility on installation
- 2 way air discharge ensure better air distribution
- Automatic Air swing (MCM-DW)
- Able to communicate with the versatile NIM for fan coil units networking
- Self diagnosis feature
- Wireless G17 control: mode selection, fan speed, 24 hours real timers

OPTIONS ON REQUEST

- **Electronic controls** for wall installation:
 - SLM 3
 - NETWARE 3

TECHNICAL DATA MCM - Ceiling convertible

MCM		015EW	020EW	025EW	030DW	040DW	050DW
Nominal Air Flow (High/Medium/Low)	m³/h	850/763/680	986/901/833	1775/1652/1530	1184/1170/1102	1620/1541/1512	1800/1750/1620
Total Cooling Capacity¹	kW	4,54	5,95	6,15	7,21	9,41	13,2
Total Sensible Capacity¹	kW	3,72	4,52	4,73	5,19	7,50	9,20
Heating Capacity²	kW	5,72	7,33	8,21	8,70	12,4	15,1
Water Flow Rate (cooling)	l/s	0,216	0,283	0,294	0,345	0,436	0,630
Water Pressure Drop (cooling)	kPa	27,4	48,1	57,1	49,4	24	37,7
Sound Pressure Level³	dB(A)	50/43/41	53/51/49	56/51/44	51/50/48	54/53/52	54/53/52
Power Input⁴	kW	0,100	0,110	0,110	0,130	0,240	0,240
Current Input⁴	A	0,46	0,49	0,52	0,57	0,98	1,03
Standard Voltage	V/ph/Hz	220-240 V / 1ph / 50Hz					
Water Connections	inches	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
Condensate Drain Connections	inches	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

NOTES:

- (1) At the following nominal conditions: 7/12°C inlet/outlet water temperature; 27°C db / 19°C wb inlet air temperature; high speed
(2) At the following nominal conditions: 50°C inlet water temperature; 20°C inlet air temperature; same water flow as for cooling; high speed
(3) At High/Medium/Low speed; position of the measurement point 1 m in front of the unit and 1 m below the unit (according to JIS B8615) - MCM 030/040/050 DW; position of measurement point: 1 m in front and 0,8 m below the vertical centre line of the unit
(4) High speed

Weight and dimensions		015EW	020EW	025EW	030DW	040DW	050DW
Shipping weight	kg	27	27	27	45	70	70
(A) Length	mm	1090	1090	1090	1214	1714	1714
(B) Width	mm	630	630	630	670	670	670
(C) Height	mm	213	213	213	214	249	249

