

INDOOR UNITS Floor without casing DC2

MUNDOCLIMA®



- DC Fan Motors
- Digital display with the possibility to turn it off.
- Air inlet at the bottom.
- Possibility to limit temperatures with the new 2 wired controllers (WDC)
- Temperature setting of 0.5°C and 7 fan speeds (with RM12D and WDC controllers)
- Controller not included

TECHNICAL SPECIFICATIONS

Model			MVD-22F3DN1A	MVD-28F3DN1A	MVD-36F3DN1A	MVD-45F3DN1A	MVD-56F3DN1A	MVD-71F3DN1A	MVD-80F3DN1A	
Code			CL23470	CL23471	CL23472	CL23473	CL23474	CL23475	CL23476	
Power supply		Ph, V, Hz	1N-, 220-240, 50							
Cooling ⁽¹⁾	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8	
	Power Consumption	W	18	18	25	41	37	75	87	
Heating ⁽²⁾	Capacity	kW	2.4	3.2	4	5	6.3	8	9	
	Power Consumption	W	17	18	22	37	23	73	83	
Fan	Air flow rate ⁽³⁾	m ³ /h	509/499/489/479 /469/459/449	509/499/489/479 /469/459/449	547/526/498/480 /464/428/409	623/591/560/531 /486/461/388	623/591/560/531 /486/461/388	967/916/866/805 /740/681/631	967/916/866/805 /740/681/631	
	Sound pressure ⁽⁴⁾	dB(A)	36/35/34/33 /31/30/29	36/35/34/33 /31/30/29	37/36/35/34 /32/31/30	37/36/35/34 /32/31/30	41/39/37/35 /33/32/31	44/42/40/39 /37/35/33	44/42/40/39 /37/35/33	
	Sound power	dB(A)	49/48/48/47 /47/46/46	49/48/48/48 /47/470/46	51/50/49/48 /48/47/46	52/51/50/49 /48/47/46	51/51/49/49 /48/47/47	55/54/53/52 /52/51/50	55/54/53/52 /52/51/50	
Indoor unit	Dim. (W x H x D)	mm	915 x 470 x 200			1133 x 470 x 200		1253 x 566 x 200		
	Weight	kg	16.5	16.5	17.8	20.9	24.6	26.5	26.5	
Drainage	Connection	mm	Ø18,5	Ø18,5	Ø18,5	Ø18,5	Ø18,5	Ø18,5	Ø18,5	
Connection pipes	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.53 (3/8")	9.53 (3/8")	
	Gas Line	mm	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	15.9 (5/8")	15.9 (5/8")	
Electrical connections ⁽⁵⁾	Power wiring	mm ²	2 x 2,5 + T (L<20m)							
	Signal wiring	mm ²	3 x 0,75 (shielded)							

Notes:

⁽¹⁾Nominal cooling conditions: Indoor 27 °C DB, 19 °C WB and outdoor 35 °C DB, 24°C WB, pipe length of 7.5 m and a height difference of 0 m.

⁽²⁾Nominal heating conditions: Indoor 20 °C DB, 15 °C WB and outdoor 7 °C DB, 6 °C WB, for a pipe length of 7.5m and a height difference of 0 m.

⁽³⁾Air flow rate from the highest to the lowest speed, each equipment has 7 speeds overall.

⁽⁴⁾Sound pressure from the highest to the lowest speed, in total each equipment has 7 speeds. Measured 1.4 m below the unit in a semi-anechoic chamber.


⁽⁵⁾Power wiring recommended for L < 20 m, for longer distances it should be recalculated.

OPTIONALS


More information on the options in "MUNDOCLIMA CONTROL SYSTEMS"

Wireless control

NEW!




RM12F
(CL 97 820)



RM12D
(CL 97 821)

RECOMMENDED


NEW!




WDC-120G/WK(A)
(CL 97 813)

Wired remote control


NEW!



WDC-86E/KD(A)
(CL 97 814)




KJR-29B1/BK-E
(CL 92 869)




KJR-86C-E
(CL 92 870)

Centralized controller




CCM-180A/WS
(CL 97 800)




CCM-270B/WS
(CL 97 802)


BACnet



IMMP-BAC(A)⁽²⁾
(CL 97 826)




CCM30/BKE⁽¹⁾
(CL 92 871)




CCM15
(CL 92 872)

Software control⁽²⁾




IMMP-S(A)
(CL 97 825)

App




K-380EW
(CO 14 907)

BMS⁽²⁾




GW-MOD(A)
(CL 97 828)



GW-LON(A)
(CL 97 829)

Accessories



ON/OFF CONNECTOR
(CL 94 398)

⁽¹⁾ Only if the outdoor unit is Mini V4+ series.

⁽²⁾ Only if the outdoor unit is V6M, V6X or V6R series.

⁽³⁾ ON/OFF Connector required (CL 94 398).

Note: The connection of centralized control systems and BMS systems is made to the external unit (XYE port).