

INDOOR UNITS MVD Floor Unit with Casing DC2



- DC Fan Motor
- Digital display with possibility to turn it off
- Front air inlet
- Possibility of limiting temperatures with the new 2-wire wired controls (WDC)
- Temperature setting of 0.5°C and 7 fan speeds (with RM12D and WDC controls)
- Control is not included



TECHNICAL SPECIFICATIONS

Model			MVD-22F4DN1	MVD-28F4DN1	MVD-36F4DN1	MVD-45F4DN1	MVD-56F4DN1	MVD-71F4DN1	MVD-80F4DN1
Code			CL23580	CL23581	CL23582	CL23583	CL23584	CL23585	CL23586
Power supply		Ph, V, Hz	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50
Cooling ⁽¹⁾	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8
	Power consump.	W	40	45	55	60	88	110	130
Heating ⁽²⁾	Capacity	kW	2.4	3.2	4	5	6.3	8	9
	Power consump.	W	40	45	55	60	88	110	130
Fan	Air flow rate ⁽³⁾	m ³ /h	530/504/478/456 /439/418/400	569/540/515/485/ /462/443/421	624/591/557/522 /473/420/375	660/625/583/542 /501/475/440	1150/1094/1028/970 /925/886/830	1380/1290/1205/1100 /1033/955/870	1380/1290/1205/1100 /1033/955/870
	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)	54/53/52/51/ 49/48/47	54/53/52/51/ 49/48/47	55/54/53/52/ 51/49/48	55/54/53/52/ 51/49/48	59/57/55/53/ 51/50/49	62/60/58/57/ 55/53/51	62/60/58/57/ 55/53/51
Indoor unit	Dim. (W x H x D)	mm	1200x596x225	1200x596x225	1200x596x225	1200x596x225	1200x596x225	1200x596x225	1200x596x225
	Weight	kg	28	28	33	33	40	40	41.5
Drainage	Connection	mm	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16
	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")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas Line	mm	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")
Electrical connections ⁽⁵⁾	Wiring Power	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 7.5m 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, pipe length of 7.5m and a height difference of 0 m.

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

⁽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 calculated.

OPTIONALS

More information about the options in the section "CONTROL SYSTEMS"

Wireless control



RM12D
(CL 97 821)

RECOMMENDED



WDC-120G/WK
(CL 97 810)



WDC-86E/KD
(CL 97 811)



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



KJR-86C-E
(CL 92 870)

Integral control ⁽¹⁾



IMM4
(CL 97 160-163)



CCM08/E
(CL 92 915)



LONGW64/E
(CL 92 877)



MD-AC-MBS
(CL 99 097/
CL 99 114-116)



MD-AC-KNX
(CL 94 792 /
CL 99 094-095)



IS-IR-KNX-1i
(CL 99 096)

BMS ⁽¹⁾

Centralized control ⁽¹⁾



CCM180A/BWS
(CL 97 800)



CCM270A/BWS
(CL 97 801)



CCM30/BKE
(CL 92 871)



CCM15
(CL 92 872)



K-380EW
(CO 14 907)

WIFI

Accessories



ON/OFF CONNECTOR
(CL 94 398)

(1) Can only be connected via the outdoor unit