

INDOOR UNITS MVD Floor / Ceiling DC2

- DC Fan Motor
- Installation in ceiling or floor
- Digital display with possibility to turn it off
- Wide range of air distribution
- 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-36DLN1	MVD-45DLN1	MVD-56DLN1	MVD-71DLN1	MVD-80DLN1	MVD-90DLN1	MVD-112DLN1	MVD-140DLN1	
Code		CL23550	CL23551	CL23552	CL23553	CL23554	CL23555	CL23556	CL23557	
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	1N-, 220-240, 50	
Cooling (1)	Capacity	kW	3.6	4.5	5.6	7.1	8	9	11.2	14
	Power consump.	W	49	115	115	115	130	130	130	130
Heating (2)	Capacity	kW	4	5	6.3	8	9	10	12.5	15
	Power consump.	W	49	115	115	115	130	130	130	130
Fan	Air flow rate (3)	m³/h	550/525/500/480/460/440/420	930/895/860/860/830/792/755/720	930/895/860/860/830/792/755/720	930/895/860/860/830/792/755/720	1280/1245/1210/1170/1130/1085/1050	1280/1245/1210/1170/1130/1085/1050	1890/1830/1765/1700/1660/1620/1580	1890/1830/1765/1700/1660/1620/1580
	Sound pressure(4)	dB(A)	40/39/38/38/37/36/36	43/42/41/41/39/38/38	43/42/41/41/39/38/38	43/42/41/41/39/38/38	45/44/43/43/42/41/40	45/44/43/43/42/41/40	47/46/45/45/44/43/42	47/46/45/45/44/43/42
	Sound power	dB(A)	53/52/51/51/51/50/49/49	56/55/54/54/52/51/51	56/55/54/54/52/51/51	56/55/54/54/52/51/51	58/57/56/56/55/54/53	58/57/56/56/55/54/53	60/59/58/58/57/56/55	60/59/58/58/57/56/55
Indoor unit	Dim. (W x H x D)	mm	990x203x660				1280x203x660		1670x244x680	
	Weight	kg	26	28/34	28/34	28	35	35	48	48
Drainage	Connection	mm	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16
Connection pipes	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Gas Line	mm	12.7 (1/2")	12.7 (1/2")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")
Electrical connections (5)	Wiring Power	mm²	2 x 2.5 + T (L < 20m)							
	Signal wiring	mm²	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		Wired remote control			
 RM12D (CL 97 821)	 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)		BMS (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)
Centralized control (1)			WIFI		Accessories
 CCM180A/BWS (CL 97 800)	 CCM270A/BWS (CL 97 801)	 CCM30/BKE (CL 92 871)	 CCM15 (CL 92 872)	 K-380EW (CO 14 907)	 ON/OFF CONNECTOR (CL 94 398)

(1) Can only be connected via the outdoor unit