

INDOOR UNITS MVD

Cassette 4 ways compact DC2



- DC Fan Motor
- Panel 360°
- Digital display with possibility to turn it off
- Output of contribution to contiguous room
- Condensate removal pump
- 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-22Q4CDN1	MVD-28Q4CDN1	MVD-36Q4CDN1	MVD-45Q4CDN1
Code			CL23510	CL23511	CL23512	CL23513
Power supply			Ph, V, Hz	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50
Cooling ⁽¹⁾	Capacity	kW	2.2	2.8	3.6	4.5
	Power consumption	W	35	35	40	50
Heating ⁽²⁾	Capacity	kW	2.4	3.2	4.0	5.0
	Power consumption	W	35	35	40	50
Fan	Air flow rate ⁽³⁾	m ³ /h	576/552/524/503/462/441/405	576/552/524/503/462/441/405	604/573/541/516/478/434/400	604/573/541/516/478/434/400
	Sound pressure ⁽⁴⁾	dB(A)	35/34/33/29/26/23/22	35/34/33/29/26/23/22	41/38/35/32/30/29/28	41/38/35/32/30/29/28
	Sound power	dB(A)	51/50/49/45/42/39/38	51/50/49/45/42/39/38	56/53/50/47/45/44/43	56/53/50/47/45/44/43
Indoor unit (body)	Dim. (W x H x D)	mm	630 x 260 x 570	630 x 260 x 570	630 x 260 x 570	630 x 260 x 570
	Weight	kg	18	18	19.2	19.2
Panel	Dimensions (W x H x D)	mm	647 x 50 x 647	647 x 50 x 647	647 x 50 x 647	647 x 50 x 647
	Weight	kg	2.5	2.5	2.5	2.5
Drainage	Connection	mm	Ø32	Ø32	Ø32	Ø32
	Pump height ⁽⁵⁾	mm	600	600	600	600
Connection pipes	Liquid Line	mm (inches)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Gas Line	mm (inches)	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")
Electrical connections ⁽⁶⁾	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 7.5m 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⁾ Maximum height from the base of the unit with elbow 90° to 200 mm max.
⁽⁶⁾ 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)
Centralized control ⁽¹⁾		WIFI		
 CCM180A/BWS (CL 97 800)	 CCM270A/BWS (CL 97 801)	 CCM30/BKE (CL 92 871)	 CCM15 (CL 92 872)	 K-380EW (CO 14 907)
				Accessories
				 ON/OFF CONNECTOR (CL 94 398)

(1) Can only be connected via the outdoor unit