

## INDOOR UNITS MVD

### Wall split DC2

- DC Fan Motor
- Digital display with possibility to turn it off
- 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-22GDN1	MVD-28GDN1	MVD-36GDN1	MVD-45GDN1	MVD-56GDN1	MVD-71GDN1	MVD-80GDN1	MVD-90GDN1		
Code		CL23560	CL23561	CL23562	CL23563	CL23564	CL23565	CL23566	CL23567		
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 <sup>(1)</sup>	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	
	Power consump.	W	28	28	30	40	45	55	55	82	
Heating <sup>(2)</sup>	Capacity	kW	2.4	3.2	4.0	5.0	6.3	8.0	9.0	10.0	
	Power consump.	W	28	28	30	40	45	55	55	82	
Fan	Air flow rate <sup>(3)</sup>	m <sup>3</sup> /h	422/411/402/393 /380/368/356	417/402/386/370 /353/338/316	646/628/591/573 /544/515/488	594/563/535/507 /478/450/424	747/713/685/648 /613/578/547	1195/1130/1065/1005 /940/875/809	1195/1130/1065/1005 /940/875/809	1421/1300/1125/1067 /1005/934/867	
	Sound pressure <sup>(4)</sup>	dB(A)	31/30/30/30/29/29/29	31/30/30/30/29/29/29	33/32/32/31/31/30/30	35/34/33/33/32/31/31	38/34/36/36/35/34/34	44/43/42/39/38/37/36	44/43/42/39/38/37/36	48/46/45/43/41/40/38	
	Sound power	dB(A)	46/45/45/45/44/44/44	46/45/45/45/44/44/44	48/47/47/46/46/45/45	50/49/48/48/47/46/46	53/52/51/51/50/49/49	59/48/57/54/53/52/51	59/48/57/54/53/52/51	63/61/60/58/56/55/53	
Indoor unit	Dim. (W x H x D)	mm	835 x 280 x 203			990 x 315 x 223		1194 x 343 x 262			
	Weight	kg	8.4	9.5	11.4	12.8	12.8	17	17	17	
Drainage	Connection	mm	Ø16	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")	12.7 (1/2")	
Electrical connections <sup>(5)</sup>	Wiring Power	mm <sup>2</sup>	2 x 2.5 + T (L < 20m)								
	Signal wiring	mm <sup>2</sup>	3 x 0.75 (shielded)								

Notes: <sup>(1)</sup> 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.

<sup>(2)</sup> 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.

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

<sup>(4)</sup> 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.

<sup>(5)</sup> 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)

##### Wired remote control

##### Integral control <sup>(1)</sup>



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 <sup>(1)</sup>

##### Centralized control <sup>(1)</sup>



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