

## INDOOR UNITS MVD Floor Unit without 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-22F3DN1	MVD-28F3DN1	MVD-36F3DN1	MVD-45F3DN1	MVD-56F3DN1	MVD-71F3DN1	MVD-80F3DN1	
Code		CL23590	CL23591	CL23592	CL23593	CL23594	CL23595	CL23596	
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
	Power consump.	W	40	45	55	60	88	110	130
Heating <sup>(2)</sup>	Capacity	kW	2.6	3.2	4	5	6.3	8	9
	Power consump.	W	40	45	55	60	88	110	130
Fan	Air flow rate <sup>(3)</sup>	m <sup>3</sup> /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 <sup>(4)</sup>	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	840x545x212	840x545x212	1036x639x305	1036x639x305	1340x545x212	1340x545x212	1340x545x212
	Weight	kg	21	21	25.5	25.5	30.5	30.5	32
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")
	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 <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)

#### 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)

#### 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