

INDOOR UNITS MVD

AC2 Wall Split

- Digital display with the possibility to turn it off
- Possibility to limit temperatures with the new 2 wired controllers (WDC)
- Temperature setting of 0.5°C and 7 fan speeds and other parameters (with RM12F and WDC controllers)
- Controller not included



TECHNICAL SPECIFICATIONS

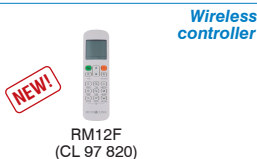
Model			MVD-D22GN1	MVD-D28GN1	MVD-D36GN1	MVD-D45GN1	MVD-D56GN1	MVD-D71GN1	MVD-D80GN1	MVD-D90GN1
Code			CL 23 500	CL 23 501	CL 23 502	CL 23 503	CL 23 504	CL 23 505	CL 23 506	CL 23 507
Power supply		Ph, V, Hz	1N-, 220-240, 50							
Cooling ⁽¹⁾	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0
	Power consumption	W	29	29	31	45	54	77	77	90
Heating ⁽²⁾	Capacity	kW	2.4	3.2	4.0	5.0	6.3	8.0	9.0	10.0
	Power consumption	W	29	29	31	45	54	77	77	90
Fan	Type		AC	AC	AC	AC	AC	AC	AC	AC
	Air flow rate ⁽³⁾	m³/h	446/429/424/ 409/394/382/373	457/445/433/421/ 419/410/402	447/429/399/369/ 339/333/303	648/618/582/563/ 546/505/476	795/764/723/691/ 665/627/595	1240/1170/1107/ 1045/976/914/869	1248/1194/1119/ 1056/993/914/863	1427/1403/1303/ 1232/1186/1096/1043
	Sound pressure ⁽⁴⁾	dB(A)	34/33/33/32/ 32/31/31	33/33/32/32/ 31/31/31	36/35/34/33/ 32/32/32	37/36/34/34/ 33/32/31	42/41/40/39/ 38/37/36	48/47/45/44/ 42/36/38	48/47/45/43/ 42/39/38	52/51/50/49/ 47/45/43
	Sound power	dB(A)	44/45/45/46/ 46/46/47	44/45/45/45/ 45/46/47	44/45/45/46/ 47/49/49	45/46/47/47/ 48/49/50	49/51/52/53/ 54/55/55	54/55/55/57/ 58/60/60	52/53/54/56/ 59/60/61	56/57/59/61/ 63/64/65
Indoor unit	Dimensions (W x H x D)	mm	835 x 280 x 203	835 x 280 x 203	835 x 280 x 203	990 x 315 x 223	990 x 315 x 223	1194 x 343 x 262	1194 x 343 x 262	1194 x 343 x 262
	Weight	kg	8.5	8.5	9.7	13.8	13.8	17.4	17.6	17.6
Drainage	Connection	mm	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16	Ø16
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Connection pipes	Liquid Line	mm (inches)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Gas Line	mm (inches)	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")
Electrical connections ⁽⁵⁾	Power Wiring	mm²	2 x 2.5 + T (L<20m)							
	Signal Wiring	mm²	3 x 0.75 (shielded)							

Note:

⁽¹⁾ Nominal cooling conditions: indoor 27°C DB, 19°C WB and outdoor 35°C DB, 24°C WB for a pipe length of 7.5 m 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, for a pipe length of 7.5 m and a height difference of 0 m.⁽³⁾ Air flow rate from the highest to the lowest speed, each equipment has 7 speeds overall.⁽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 recalculated.

OPTIONALS

More information on optional components in "CONTROL SYSTEMS"



Modbus

BMS⁽²⁾

Accessories



(1) Only if the outer unit is a V5X, VR4+ or Mini V4+.

(2) Only if the outer unit is a V6M, V6X or V6R.