

MVD INDOOR UNITS V8 High Pressure Duct



- DC Fan Motors
- Condensate removal pump
- Possibility of limiting temperatures.
- Constant air flow adjustment
- Automatic static pressure adjustment
- Humidity sensor
- Operation signal, ON/OFF and alarm
- Controller not included



Model 160



200 to 335 models



Models 140 to 560

TECHNICAL SPECIFICATIONS

Model		MVD-160T1N18	MVD-200T1N18	MVD-252T1N18	MVD-280T1N18	MVD-335T1N18	MVD-400T1N18	MVD-450T1N18	MVD-560T1N18	
Code		CL23730	CL23731	CL23732	CL23733	CL23734	CL23735	CL23736	CL23737	
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 ⁽¹⁾	Capacity	kW	16.0	20.0	25.2	28.0	33.5	40.0	56.0	
	Power consumption	W	339	780	780	780	810	1850	2030	
Heating ⁽²⁾	Capacity	kW	18.0	22.5	26.0	31.5	38.0	45.0	63.0	
	Power consumption	W	339	780	780	780	810	1850	2030	
Fan	Air flow rate ⁽³⁾	m ³ /h	2600/2448/2297/2145/1993/1842/1690	4700/4387/4073/3760/3447/3133/2820				7500/7000/6500/6000/5500/5000/4500		8400/7840/7280/6720/6160/5600/5040
	Sound pressure ⁽⁴⁾	dB (A)	44 / 43 / 41 / 40 / 38 / 37 / 35	51 / 50 / 48 / 46 / 44 / 43 / 42				52 / 51 / 49 / 48 / 46 / 44 / 43		58 / 56 / 54 / 52 / 50 / 49 / 48
	Sound power	dB (A)	68 / 66 / 64 / 62 / 60 / 59 / 57	74 / 72 / 70 / 68 / 66 / 64 / 62				74 / 72 / 70 / 68 / 66 / 63 / 61		79 / 78 / 76 / 74 / 72 / 70 / 67
	Nominal static pressure (min.-max.)	Pa	100 (0 - 250)	200 (0 - 400)	200 (0 - 400)	200 (0 - 400)	200 (0 - 400)	300 (0 - 400)	300 (0 - 400)	300 (0 - 400)
Indoor unit	Dimensions (W x H x D)	mm	1400 x 299 x 750	1300 x 580 x 900				1850 x 580 x 900		
	Weight	kg	46.5	125	125	125	128	166	166	170
Drainage	Connection	mm	Ø25	Ø32	Ø32	Ø32	Ø32	Ø32	Ø32	Ø32
	Pump height ⁽⁵⁾	mm	1200	1200	1200	1200	1200	1200	1200	1200
Refrigerant	Type		R410A / R32	R410A / R32	R410A / R32	R410A / R32	R410A / R32	R410A / R32	R410A / R32	
Connection pipes	Liquid	inch	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"
	Gas	inch	5/8"	3/4"	7/8"	7/8"	1"	1"	1 1/8"	1 1/8"
Electrical connections ⁽⁶⁾	Power wiring	mm ²	2 x 2.5 + T (L < 20 m)				2 x 4 + T (L < 20 m)			
	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 7.5 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) Maximum height measured from the unit's base. The elbow is set horizontally at 200 mm maximum.
 (6) Recommended power wiring for L < 20 m, for longer distances it should be recalculated.

OPTIONALS

More information on optionals in "MUNDOCLIMA CONTROL SYSTEMS"

Wireless control



RM12F
(CL09101)

Wired control with WiFi

RECOMMENDED



WDC3-86T
(CL09221)

Software control



IMMPRO II
(CL09306)

Centralized controller



CCM-180A/WS
(CL09300)



TC3-10.1
(CL09305)



GW3-CLOUD
(CL09304)



GW3-BAC
(CL09308)

Accessories



R32 Leak detector
(CL09436)