

MVD INDOOR UNITS V8 Medium 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

TECHNICAL SPECIFICATIONS

Model			MVD-15T2N18	MVD-22T2N18	MVD-28T2N18	MVD-36T2N18	MVD-45T2N18
Code			CL23720	CL23721	CL23722	CL23723	CL23724
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
Cooling ⁽¹⁾	Capacity	kW	1.5	2.2	2.8	3.6	4.5
	Power consumption	W	33	36	40	50	70
Heating ⁽²⁾	Capacity	kW	1.8	2.5	3.2	4.0	5.0
	Power consumption	W	33	36	40	50	70
Fan	Air flow rate ⁽³⁾	m ³ /h	470/438/407/375/ 343/312/280	500/467/433/400/ 367/333/300	540/503/467/430/ 393/357/320	575/535/495/455/ 415/375/335	665/623/580/538/ 495/453/410
	Sound pressure (4)	dB (A)	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	29/28/27/26/ 25/23/22	33/32/29.5/28/ 26.5/25/24
	Sound power	dB (A)	46/44.5/43/41.5/ 40/38.5/37	47/45.5/44/42.5/ 41/39.5/38	47/45.5/44/42.5/ 41/39.5/38	50/48.5/47/45/ 43/41/39	53/51/49/47/ 45/43/41
	Nominal Static Pressure (min-max)	Pa	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)
Indoor unit	Dimensions (W x H x D)	mm	600 x 245 x 750	600 x 245 x 750	600 x 245 x 750	600 x 245 x 750	600 x 245 x 750
	Weight	kg	18.5	18.5	18.5	18.5	19.5
Outside air inlet		mm	Ø110	Ø110	Ø110	Ø110	Ø110
Drainage	Connection	mm	Ø25	Ø25	Ø25	Ø25	Ø25
	Pump height ⁽⁵⁾	mm	1200	1200	1200	1200	1200
Refrigerant	Type		R410A / R32	R410A / R32	R410A / R32	R410A / R32	R410A / R32
Connection pipes	Liquid	inch	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	inch	1/2"	1/2"	1/2"	1/2"	1/2"
Electrical connections ⁽⁶⁾	Power wiring	mm ²	2 x 2.5 + 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.

TECHNICAL SPECIFICATIONS

Model			MVD-56T2N18	MVD-71T2N18	MVD-80T2N18	MVD-112T2N18	MVD-140T2DN1
Code			CL23725	CL23726	CL23727	CL23728	CL23729
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
Cooling ⁽¹⁾	Capacity	kW	5.6	7.1	8.0	11.2	14.0
	Power consumption	W	70	96	102	138	172
Heating ⁽²⁾	Capacity	kW	6.3	8.0	9.0	12.5	15.5
	Power consumption	W	70	96	102	138	172
Fan	Air flow rate ⁽³⁾	m ³ /h	970/904/838/773/ 707/641/575	1150/1068/986/904/ 822/740/660	1355/1263/1172/1080/ 988/897/805	1950/1817/1683/1550/ 1417/1283/1150	2105/1971/1837/1703/ 1568/1434/1300
	Sound pressure (4)	dB (A)	33/32/31/30/ 27.5/26/25	35/33.5/32/30.5/ 29/27.5/26	37/35.5/34/32.5/ 31/29.5/28	39/37/35/33/ 31/29/28	40/38/36/34/ 32/30/29
	Sound power	dB (A)	55/53/51/49/ 47/45/43	58/56/54/51.5/ 48/47/45	59/57/55/53/ 51/49/47	60/58/56.5/55/ 53.5/52/50	64/62/61.5/59.5/ 57.5/55/53
	Nominal static pressure (min.-max.)	Pa	30 (10-160)	30 (10-160)	40 (10-160)	40 (10-160)	50 (10-160)
Indoor unit	Dimensions (W x H x D)	mm	800 x 245 x 750	800 x 245 x 750	1050 x 245 x 750	1400 x 245 x 750	1400 x 245 x 750
	Weight	kg	24	25	30	37	39
Outside air inlet		mm	Ø110	Ø110	Ø110	Ø110	Ø110
Drainage	Connection	mm	Ø25	Ø25	Ø25	Ø25	Ø25
	Pump height ⁽⁵⁾	mm	1200	1200	1200	1200	1200
Refrigerant	Type		R410A / R32	R410A / R32	R410A / R32	R410A / R32	R410A / R32
Connection pipes	Liquid	inch	1/4"	3/8"	3/8"	3/8"	3/8"
	Gas	inch	1/2"	5/8"	5/8"	5/8"	5/8"
Electrical connections ⁽⁶⁾	Power wiring	mm ²	2 x 2.5 + T (L < 20 m)				
	Signal wiring	mm ²	3 x 0.75 (shielded)				

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OPTIONALS

More information on optionals in "MUNDOCLIMA CONTROL SYSTEMS"

Wireless control



RM12F
(CL09101)

Wired control with WiFi



WDC3-86T
(CL09221)

Software control



IMMPRO II
(CL09306)



CCM-180A/W5
(CL09300)



TC3-10.1
(CL09305)



GW3-CLOUD
(CL09304)



GW3-BAC
(CL09308)

Centralized controller

Accessories



R32 Leak detector
(CL09436)