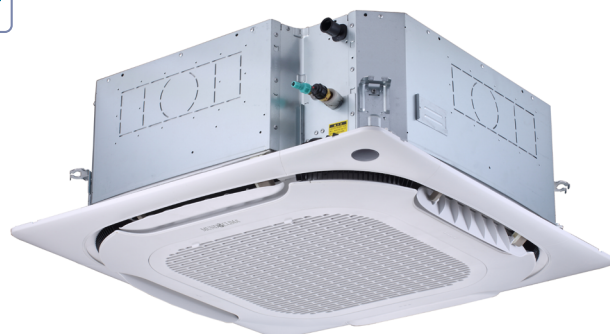


## MVD INDOOR UNITS 4 way V8 Cassette

**MUNDOCLIMA®**  
SUPER DC INVERTER



- DC Fan Motors
- 360° Panel
- Digital display with possibility to turn it off
- Air exhaust to adjacent room.
- Condensate removal pump
- Possibility of limiting temperatures.
- Maximum installation height up to 4.5 m (10 ft) high
- Presence sensor
- Operation signal, ON / OFF and alarm
- Controller not included



### TECHNICAL SPECIFICATIONS

Model			MVD-71Q4N18	MVD-80Q4N18	MVD-90Q4N18	MVD-112Q4N18	MVD-140Q4N18	MVD-160Q4N18	MVD-180Q4N18
Code			CL23710	CL23711	CL23712	CL23713	CL23714	CL23715	CL23716
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	7.1	8.0	9.0	11.2	14.0	16.0	18.0
	Power consumption	W	31	41	43	61	89	110	145
Heating <sup>(2)</sup>	Capacity	kW	8.0	9.0	10.0	12.5	16.0	18.0	20.0
	Power consumption	W	27.3	30.7	34.1	61	89	110	145
Fan	Air flow rate <sup>(3)</sup>	m³/h	1000/943/886/829/772/715/658	1330/1239/1148/1057/965/874/783	1600/1497/1393/1290/1186/1083/979	1730/1624/1518/1412/1306/1200/1094	2100/1900/1760/1630/1500/1380/1270	2300/2140/1960/1770/1600/1430/1270	
	Sound pressure (4)	dB (A)	37/36/34/33/32/30/29	38/37/35/34/32/31/29	41/40/38/37/36/34/33	43/42/40/39/37/36/34	48/46/44/43/41/39/37	52/49/47/45/42/39/38	
	Sound power	dB (A)	51/50/49/48/47/46/46	53/52/51/50/49/48/47	54/53/52/51/50/49/48	57/56/55/54/53/52/51	58/57/56/55/54/53/52	57/56/54/52/50/47/46	60/58/56/54/52/49/46
Indoor unit (body)	Dimensions (W x H x D)	mm	840 x 246 x 840	840 x 246 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	950 x 300 x 950	950 x 300 x 950
	Weight	kg	22	22	22	24	26.5	32.6	32.7
Panel	Model		T-MBQ4-01E1	T-MBQ4-01E1	T-MBQ4-01E1	T-MBQ4-01E1	T-MBQ4-01E1	T-MBQ4-02E1	T-MBQ4-02E1
	Dimensions (W x H x D)	mm	950 x 53 x 950	950 x 53 x 950	950 x 53 x 950	950 x 53 x 950	950 x 53 x 950	1050 x 55 x 1050	1050 x 55 x 1050
	Weight	kg	5.6	5.6	5.6	5.6	5.6	7.4	7.4
Outside air inlet		mm	Ø105	Ø105	Ø105	Ø105	Ø105	Ø75	Ø75
Drainage	Connection	mm	Ø25	Ø25	Ø25	Ø25	Ø25	Ø25	Ø25
	Pump height <sup>(5)</sup>	mm	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"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas	inch	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	3/4"
Electrical connections <sup>(6)</sup>	Power wiring	mm²	2 x 2.5 + T (L < 20m)						
	Signal wiring	mm²	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)