

SPLIT DUCT INVERTER HIGH CAPACITY MUCHR-H8A Series

MUNDCLIMA®
SUPER DC INVERTER

- Outdoor vertical discharge unit
- DC Inverter Compressor.
- DC Fan Motors
- Static pressure configurable from the microswitches or from the new WDC control.
- Possibility of limiting temperatures.
- Temperature setting of 0.5 °C and 7 fan speeds
- Week programmer.
- Centralized controller CCM (optional).

R410A

NEW!



Quality motor



High protection



High Pressure



Servicing easier



WDC-120G/WK



Mod. 28



Mod. 56



Mods. 28/56

TECHNICAL SPECIFICATIONS

Model			MUCHR-28-H8A	MUCHR-56-H8A
Code			CL23920	CL23923
Cooling ⁽¹⁾	Capacity	kW	26.62	54.40
	Consumption	kW	8.69	18.74
	EER	kW	3.06	2.90
Heating ⁽²⁾	Capacity	kW	27.95	57.48
	Consumption	kW	8.09	16.27
	COP	kW	3.45	3.53
Indoor unit	MVD model-		280T1DN1	560T1DN1
	Code		CL23533	CL23536
	Power supply	Ph, V, Hz	1N-, 220-240V, 50Hz	
	Nominal intensity	A	6.7	15.4
	Air flow rate ⁽³⁾	m ³ /h	4330/4230/4130/4030/3930/3830/3730	7400/7000/6600/6200/5800/5400/5000
	Static pressure available	Pa	170 (20 – 250)	300 (100 – 400)
	Sound pressure ⁽⁴⁾	dB(A)	57/56/55/54/53/52/50	59/58/57/56/55/53/51
	Dimensions (W x H x D)	mm	1440 x 505 x 925	2095 x 670 x 929
	Weight	kg	130	218
	Drain connection	mm	Ø32	Ø32
	Power cable ⁽⁵⁾	mm ²	2 x 2.5 + T	2 x 4 + T
Outdoor unit	MVD model-		V5X280W/V2GN1	V5X560W/V2GN1
	Code		CL23301	CL23306
	Power supply	Ph, V, Hz	3N-, 400V, 50Hz	
	Nominal intensity	A	21.00	41.20
	Air flow rate	m ³ /h	12,000	16,000
	Static pressure available	Pa	20 (0 – 40)	
	Sound pressure ⁽⁴⁾	dB(A)	59	63
	Dimensions (W x H x D)	mm	990 x 1635 x 790	1340 x 1635 x 790
	Weight	kg	219	340
Power cable ⁽⁵⁾	mm ²	4 x 6 + T	4 x 16 + T	
Refrigerant	Type / PCA		R410A / 2088	
	Preloaded amount	kg / TCO ₂ eq	9.0 / 18.79	16.0 / 33.41
	Additional load (from 0 m)	kg/m	0.06	0.17
Connection pipes	Liquid Line	mm (inches)	9,52 (3/8")	15,9 (5/8")
	Gas Line	mm (inches)	22,2 (7/8")	28.6 (1 1/8")
Pipe length ⁽⁶⁾	Max. Vertical	m	110	
	Total	m	175	
Communication cable		mm ²	3 x 0,75 (shielded)	
Wired remote control	Model		WDC-120G/WK	
	Nr. threads		2	
Temp. Range Operation	Cooling	°C	-5 to 43	
	Heating	°C	-20 to 24	

Note: ⁽¹⁾ Nominal cooling conditions: Indoor 27 °C DB, 19 °C WB and outdoor 35 °C DB, pipe length of 8 m and a height difference of 0 m.

⁽²⁾ Nominal heating conditions: Indoor 20 °C DB, 15 °C WB and outdoor 7 °C DB, pipe length of 8 m and a height difference of 0 m.

⁽³⁾ Air flow from the highest to the lowest speed, in total each equipment has 7 speeds.

⁽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 calculated.

⁽⁶⁾ Pipe length when the outdoor unit is installed lower than the indoor units, otherwise instead of 110 m is 90 m.

Caution: Before starting up the equipment (and without supply), you have to configure the whole micro-switch S6 in OFF position in the outdoor unit.