

# DUCT INVERTER SPLIT GREAT CAPACITY MUCHR-H8 Series

**MUNDCLIMA®**  
**SUPER DC INVERTER**

- Outdoor unit front discharge.
- 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).

**NEW!**

Quality motor



High protection



High Pressure



Servicing easier

**R410A**

WDC-120G/WK



## TECHNICAL SPECIFICATIONS

Model			MUCHR-20-H8	MUCHR-22-H8	MUCHR-26-H8
Code			CL23915	CL23916	CL23917
Cooling <sup>(1)</sup>	Capacity	kW	19.01	21.81	25.12
	Consumption	kW	7.09	7.79	8.80
	EER	kW	2.68	2.80	2.85
Heating <sup>(2)</sup>	Capacity	kW	19.52	21.81	25.34
	Consumption	kW	7.09	6.89	8.00
	COP	kW	2.75	3.17	3.17
Indoor unit	MVD model-		200T1DN1	250T1DN1	280T1DN1
	Code		CL23531	CL23532	CL23533
	Power supply	Ph, V, Hz	1N-, 220-240V, 50Hz		
	Nominal intensity	A	6.70		
	Air flow rate <sup>(3)</sup>	m³/h	4330/4230/4130/4030/3930/3830/3730		
	Static pressure available	Pa	170 (20 – 250)		
	Sound pressure <sup>(4)</sup>	dB(A)	57/56/55/54/53/52/50		
	Dimensions (W x H x D)	mm	1440 x 505 x 925		
	Weight	kg	130		
	Drain connection	mm	Ø32		
	Power cable <sup>(5)</sup>	mm²	2 x 2.5 + T		
Outdoor unit	MVD model-		V200W/DRN1	V224W/DRN1	V260W/DRN1
	Code		CL23269	CL23270	CL23271
	Power supply	Ph, V, Hz	3N-, 400V, 50Hz		
	Nominal intensity	A	14.50	16.20	18.70
	Air flow rate	m³/h	10,999	10,494	10,494
	Static pressure available	Pa	0		
	Sound pressure	dB(A)	59	59	60
	Dimensions (W x H x D)	mm	1120 x 1558 x 414	1120 x 1558 x 414	1120 x 1558 x 414
	Weight	kg	137	147	147
	Power cable <sup>(5)</sup>	mm²	4 x 6 + T	4 x 6 + T	4 x 10 + T
	Type / PCA		R410A / 2088		
Refrigerant	Preloaded amount	kg / TCO <sub>2</sub> eq	4.8 / 10.02	6.2 / 12.95	6.2 / 12.95
	Additional load (from 0 m)	kg/m	0.06		
Connection pipes	Liquid Line	mm (inches)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Gas Line	mm (inches)	19,1 (3/4")	22,2 (7/8")	22,2 (7/8")
Pipe length <sup>(6)</sup>	Max. Vertical	m	25		
	Total	m	60		
Communication cable		mm²	3 x 0.75 (shielded)		
Wired remote control	Model		WDC-120G/WK		
	Nr. threads		2		
Temp. Range Operation	Cooling	°C	-15 to 43		
	Heating	°C	-15 to 24		

Note: <sup>(1)</sup> 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.

<sup>(2)</sup> 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.

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

<sup>(4)</sup> 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.

<sup>(5)</sup> Power wiring recommended for L < 20 m, for longer distances it should be calculated.

<sup>(6)</sup> Refrigerating distances when the outdoor unit is installed lower than the indoor units, otherwise instead of 25 m is 20 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.**