

DUCT INVERTER SPLIT GREAT CAPACITY MUCHR-H8 Series

NEW!

MUNDOCLIMA®
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.
- Weekly programmer.
- Centralized controller CCM (optional).



WDC-120G/WK



Quality motor



High protection



High Pressure



Servicing easier

R410A



Mod. 20 to 26



Mod. 40 and 45



Mod. 20 to 26



Mod. 40 and 45

TECHNICAL SPECIFICATIONS

Model			MUCHR-20-H8	MUCHR-22-H8	MUCHR-26-H8	MUCHR-40-H8	MUCHR-45-H8	
Code			CL 23 915	CL 23 916	CL 23 917	CL 23 918	CL 23 919	
Cooling ⁽¹⁾	Capacity	kW	19.60	22.48	25.89	39.20	44.10	
	Consumption	kW	7.09	7.79	8.80	13.70	15.40	
	EER	kW	2.76	2.89	2.94	2.86	2.86	
Heating ⁽²⁾	Capacity	kW	19.76	22.07	25.65	40.43	44.92	
	Consumption	kW	7.09	6.89	8.00	12.90	14.50	
	COP	kW	2.79	3.20	3.21	3.13	3.10	
Indoor unit	MVD model-		200T1DN1	250T1DN1	280T1DN1	400T1DN1	450T1DN1	
	Code		CL 23 531	CL 23 532	CL 23 533	CL 23 534	CL 23 535	
	Power supply	Ph, V, Hz	1N-, 220-240V, 50Hz					
	Nominal intensity	A	6.70					
	Air flow rate ⁽³⁾	m ³ /h	4330/4230/4130/4030/3930/3830/3730				6500/6150/5800/5450/5100/4750/4400	
	Static pressure available	Pa	170 (20 - 250)				300 (100 - 400)	
	Sound pressure ⁽⁴⁾	dB(A)	57/56/55/54/53/52/50				60/59/58/57/55/54/52	
	Dimensions (W x H x D)	mm	1440 x 505 x 925				1937 x 680 x 905	
	Weight	kg	130				210	
	Drain connection	mm	Ø32				Ø32	
Power cable ⁽⁵⁾	mm ²	2 x 2.5 + T				2 x 4 + T		
Outdoor Unit	MVD model-		V200W/DRN1	V224W/DRN1	V260W/DRN1	V400W/DRN1	V450W/DRN1	
	Code		CL 23 269	CL 23 270	CL 23 271	CL 23 272	CL 23 273	
	Power supply	Ph, V, Hz	3N-, 400V, 50Hz					
	Nominal intensity	A	14.50	16.20	18.70	33.00	44.00	
	Air flow rate	m ³ /h	10,999	10,494	10,494	16,575	16,575	
	Static pressure available	Pa	0					
	Sound pressure	dB(A)	59	59	60	62	62	
	Dimensions (W x H x D)	mm	1120 x 1558 x 414	1120 x 1558 x 414	1120 x 1558 x 414	1360 x 1650 x 540	1460 x 1650 x 540	
	Weight	kg	137	147	147	240	275	
	Power cable ⁽⁵⁾	mm ²	4 x 6 + T	4 x 6 + T	4 x 10 + T	4 x 25 + T	4 x 35 + T	
Refrigerant	Type / PCA		R410A / 2088					
	Preloaded amount	kg/TCO ₂ eq	4.8 / 10.02	6.2 / 12.95	6.2 / 12.95	9.0 / 18.79	12.0 / 25.06	
	Additional load (from 0 m)	kg/m	0.057					
Connection pipes ⁽⁶⁾	Liquid Line	mm (inches)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")	
	Gas Line	mm (inches)	19.1 (3/4")	22.2 (7/8")	22.2 (7/8")	25.4 (1")	25.4 (1")	
Pipe length ⁽⁷⁾	Max. Vertical	m	25				25	
	Total	m	60				100	
Communication cable	mm ²	3 x 0,75 (shielded)						
Wired remote control	Model		WDC-120G/WK					
	No. of wires		2					
Temp. Range Operation	Cooling	°C	-15 to 43					
	Heating	°C	-15 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 of 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⁾ On model 45 for a distance equal to or greater than 90 m the gas pipe will be 28.6 mm (1 1/8").

⁽⁷⁾ Refrigeration 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.