

DUCT INVERTER SPLIT GREAT CAPACITY MUCHR-H6 Series

MUNDOCLIMA®
SUPER DC INVERTER

- Outdoor unit front discharge.
- DC Inverter Compressor.
- Accurate temperature control.
- High static pressure.
- Wall control with "Follow me" function KJR-29B included.
- Wall control with week schedule KJR-120C (optional).
- Centralized controller CCM (optional).



KJR-29B



KJR-120C (Optional)
(code CL 92 946)



Quality motor



High protection



High Pressure



Servicing easier



Mods. 20/22/26



Mods. 40/45



Mods. 20/22/26



Mods. 40/45

TECHNICAL SPECIFICATIONS

MODEL			MUCHR-20-H6	MUCHR-22-H6	MUCHR-26-H6	MUCHR-40-H6	MUCHR-45-H6
Code			CL 23 904	CL 23 905	CL 23 906	CL 23 912	CL 23 913
Cooling ⁽¹⁾	Capacity	kW	19.66	22.53	25.95	38.96	43.95
		Kcal/h	16,910	19,378	22,320	33,509	37,801
	Consumption	kW	6.90	7.60	8.40	14.60	16.30
	EER	kW	2.85	2.96	3.09	2.67	2.70
Heating ⁽²⁾	Capacity	kW	19.86	22.18	25.78	41.35	45.38
		Kcal/h	17,082	19,077	22,174	35,565	39,031
	Consumption	kW	6.90	6.70	8.40	13.80	15.40
	COP	kW	2.88	3.31	3.07	3.00	2.95
Indoor unit	MVD model-		200T1/DHN1-B	250T1/DHN1-B	280T1/DHN1-B	D400T1/N1-F	D450T1/N1-F
	Code		CL23381	CL23382	CL23383	CL23187	CL23188
	Power supply	F, V, Hz	1N-, 220-240V, 50Hz				
	Nominal current	A	6	6	6	12.5	12.5
	Air Flow (High / Medium / Low)	m ³ /h	4.820/4.660/4.620	4.820/4.660/4.620	4.820/4.660/4.620	7.474/6.072/4.995	7.474/6.072/4.995
	Static pressure avail. (ESP)	Pa	62 (40 – 200)	62 (40 – 200)	62 (40 – 200)	200 (50 – 280)	200 (50 – 280)
	Sound pressure (High/Medium/Low) ⁽³⁾	dB(A)	57 / 53 / 50	57 / 53 / 50	57 / 53 / 50	61 / 59 / 56	61 / 59 / 56
	Dimensions (W x H x D)	mm	1443x470x810	1443x470x810	1443x470x810	1970x668x902.5	1970x668x902.5
	Weight	kg	108	108	108	232	232
	Drain connection	mm	Ø32	Ø32	Ø32	Ø32	Ø32
Power cable ⁽⁵⁾	mm ²	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	2 x 4 + T	2 x 4 + T	
Outdoor Unit	MVD model-		V200W/DRN1	V224W/DRN1	V260W/DRN1	V400W/DRN1	V450W/DRN1
	Code		CL23269	CL23270	CL23271	CL23272	CL23273
	Power supply	F, V, Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz
	Nominal current	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 avail. (ESP)	Pa	0	0	0	0	0
	Sound pressure ⁽⁴⁾	dB(A)	59	59	60	62	62
	Dimensions (W x H x D)	mm	1120x1558x414	1120x1558x414	1120x1558x414	1360x1650x540	1460x1650x540
	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		R410A	R410A	R410A	R410A	R410A
	Preloaded amount	kg	4.8	6.2	6.2	9.0	12.0
	Additional load (from 0 m)	kg/m	0.057	0.057	0.057	0.110	0.110
Connection pipes	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")	28.6 (1 1/8")	28.6 (1 1/8")
Refrigeration Distances ⁽⁶⁾	Max. Vertical	m	25	25	25	25	25
	Total	m	60	60	60	250	250
Communication cable	mm ²	3 x 0.75 (shielded)					
Remote control	Model		KJR-29B	KJR-29B	KJR-29B	KJR-29B	KJR-29B
	Type		Wiring	Wiring	Wiring	Wiring	Wiring
Temp. Range Operation	Cooling	°C	-15 to 43	-15 to 43	-15 to 43	-5 to 43	-5 to 43
	Heating	°C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Notes: ⁽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⁾ Noise level measured in anechoic chamber at 1 m front distance and 1.4 m height.

⁽⁴⁾ Noise level measured in anechoic chamber at 1 m distance front and 1.2 m high (1.3 m for models from 20 to 26 kW).

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

⁽⁶⁾ Pipe length when outdoor unit is lower installed 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.