

## CL HIGH CAPACITY DUCT INVERTER

### MUCHR-H6 Series

- DC Inverter Compressor.
- Accurate temperature control.
- High static pressure.
- Parameters check function.
- Built-in wired remote control with temperature sensor (KJR-29B).



Wired remote control KJR-29B



Quality motor



Comprehensive protection



High ESP



Easier maintainability



Models: 20/22/26



Models: 40/45



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#### SPECIFICATIONS:

MODEL			MUCHR-20-H6	MUCHR-22-H6	MUCHR-26-H6	MUCHR-40-H6A	MUCHR-45-H6A
Code			CL 23 904	CL 23 905	CL 23 906	CL 23 909	CL 23 910
Cooling (1)	Capacity	kW	19.66	22.53	25.95	39.32	44.23
		Kcal/h	16,910	19,378	22,320	33,820	38,043
	Consumption	kW	6.90	7.60	8.40	12.00	13.68
	EER	kW	2.85	2.96	3.09	3.28	3.23
Heating (2)	Capacity	kW	19.86	22.18	25.78	40.63	45.15
		Kcal/h	17,082	19,077	22,174	34,946	38,384
	Consumption	kW	6.90	6.70	8.40	12.08	13.57
	COP	kW	2.88	3.31	3.07	3.36	3.32
Indoor unit	Model		MVD-200T1/DHN1-B	MVD-250T1/DHN1-B	MVD-280T1/DHN1-B	MVD-D400T1/N1	MVD-D450T1/N1
	Code		CL 23 381	CL 23 382	CL 23 383	CL 23 184	CL 23 185
	Power supply	F, V, Hz	1N-, 220-240V	1N-, 220-240V	1N-, 220-240V	1N-, 220-240V	1N-, 220-240V
	Max. current	A	6	6	6	12.5	12.5
	Air flow (H / M / L)	m <sup>3</sup> /h	4820/4660/4620	4820/4660/4620	4820/4660/4620	7474/6072/4995	7474/6072/4995
	Static pressure avail. (ESP)	Pa	62 (40 ~ 200)	62 (40 ~ 200)	62 (40 ~ 200)	200 (50 ~ 280)	200 (50 ~ 280)
	Sound pressure (H / M / L) <sup>(3)</sup>	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 <sup>(5)</sup>	mm <sup>2</sup>	2x2,5 + T	2x2,5 + T	2x2,5 + T	2x4 + T	2x4 + T	
Outdoor unit	Model		MVD-V200W/DRN1	MVD-V224W/DRN1	MVD-V260W/DRN1	MVD-	MVD-
	Code:		CL23269	CL23270	CL23271	CL23303	CL23304
	Power supply	F, V, Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz
	Max. current	A	14.50	17.20	18.70	25.90	25.90
	Air flow (H)	m <sup>3</sup> /h	10.999	10.494	10.494	14.000	14.000
	Static pressure avail. (ESP)	Pa	0	0	0	20 (0 - 40)	20 (0 - 40)
	Sound pressure <sup>(4)</sup>	dB(A)	59	59	60	62	62
	Dimensions (W x H x D)	mm	1120x1558x414	1120x1558x414	1120x1558x414	1340x1635x790	1340x1635x790
Weight	Kg	137	146.5	147	315	315	
Power cable <sup>(5)</sup>	mm <sup>2</sup>	4x6 + T	4x6 + T	4x6 + T	4x10 + T	4x10 + T	
Refrigerant	Type / Preloaded amount	-/kg	R410A / 4.8	R410A / 6.2	R410A / 6.2	R410A / 13.0	R410A / 13.0
	Additional load (from 0 m)	kg/m	0.057	0.057	0.057	0.110	0.110
Refrigerant connection	Liquid Line	mm	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")
	Gas Line	mm	19.1 (3/4")	22,2 (7/8")	22.2 (7/8")	28,6 (1 1/8")	28,6 (1 1/8")
Refrigeration distances <sup>(6)</sup>	Max. vertical	m	20	20	20	90	90
	Total	m	60	60	60	175	175
Communication cable		mm <sup>2</sup>	3x0.75(Shielded)	3x0.75(Shielded)	3x0.75(Shielded)	3x0.75(Shielded)	3x0.75(Shielded)
Temp. range performance	Cooling	°C	-15 to 46	-15 to 46	-15 to 46	-5 to 48	-5 to 48
	Heating	°C	-15 to 24	-15 to 24	-15 to 24	-20 to 24	-20 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 semi-anechoic chamber at 1m front distance and 1.4 m height.

(4) Noise level measured in semi-anechoic chamber at 1m front distance and 1.2 m height (1.3 m for 20-26 kW models)

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

(6) Pipe length when the outdoor unit is lower installed than indoor units. Otherwise, see part MVD.

**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.**