

DUCT INVERTER SPLIT GREAT CAPACITY MUCHR-H6A Series



- Outdoor unit vertical 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



Mod. 28



Mods. 40/45/56



Mods. 28/40/45/56

TECHNICAL SPECIFICATIONS

MODEL			MUCHR-28-H6A	MUCHR-40-H6A	MUCHR-45-H6A	MUCHR-56-H6A
Code			CL 23 907	CL 23 909	CL 23 910	CL 23 911
Cooling ⁽¹⁾	Capacity	kW	27.50	39.32	44.23	54.40
		Kcal/h	23,653	33,820	38,043	46,790
	Consumption	kW	7.02	12.00	13.68	17.91
	EER	kW	3.92	3.28	3.23	3.04
Heating ⁽²⁾	Capacity	kW	28.24	40.63	45.15	57.48
		Kcal/h	24,290	34,946	38,834	49,439
	Consumption	kW	6.74	12.08	13.57	18.69
	COP	kW	4.19	3.36	3.33	3.08
Indoor unit	MVD model-		280T1/DHN1-B	D400T1/N1-F	D450T1/N1-F	D560T1/N1
	Code		CL23383	CL23187	CL23188	CL23186
	Power supply	F, V, Hz	1N-, 220-240V, 50Hz			
	Nominal current	A	6	12.5	12.5	15.5
	Air Flow (High / Medium / Low)	m ³ /h	4820 / 4660 / 4620	7474 / 6072 / 4995	7474 / 6072 / 4995	9550 / 7950 / 6600
	Static pressure avail. (ESP)	Pa	62 (40 – 200)	200 (50 – 280)	200 (50 – 280)	200 (50 – 280)
	Sound pressure (High / Medium / Low) ⁽³⁾	dB(A)	57 / 53 / 50	61 / 59 / 56	61 / 59 / 56	63 / 60 / 57
	Dimensions (W x H x D)	mm	1443 x 470 x 810	1970 x 668 x 902.5	1970 x 668 x 902.5	1970 x 668 x 902.5
	Weight	kg	108	232	232	232
	Drain connection	mm	Ø32	Ø32	Ø32	Ø32
Power cable ⁽⁵⁾	mm ²	2 x 2.5 + T	2 x 4 + T	2 x 4 + T	2 x 4 + T	
Outdoor Unit	MVD model-		V5X280W/V2GN1	V5X400W/V2GN1	V5X450W/V2GN1	V5X560W/V2GN1
	Code		CL23301	CL23303	CL23304	CL23306
	Power supply	F, V, Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz	3N-, 400V, 50Hz
	Nominal current	A	21.00	27.30	29.90	41.20
	Air flow rate	m ³ /h	12,000	14,000	14,000	16,000
	Static pressure avail. (ESP)	Pa	20 (0 - 40)	20 (0 - 40)	20 (0 - 40)	20 (0 - 40)
	Sound pressure ⁽⁴⁾	dB(A)	59	62	62	63
	Dimensions (W x H x D)	mm	990 x 1635 x 790	1340 x 1635 x 790	1340 x 1635 x 790	1340 x 1635 x 790
	Weight	kg	219	315	315	340
	Power cable ⁽⁵⁾	mm ²	4 x 6 + T	4 x 6 + T	4 x 10 + T	4 x 16 + T
Refrigerant	Type		R410A	R410A	R410A	R410A
	Preloaded amount	kg	9.0	13.0	13.0	16.0
	Additional load (from 0 m)	kg/m	0.057	0.110	0.110	0.170
Connection pipes	Liquid Line	mm (inches)	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")	15.9 (5/8")
	Gas Line	mm (inches)	22.2 (7/8")	28.6 (1 1/8")	28.6 (1 1/8")	28.6 (1 1/8")
Pipe length ⁽⁶⁾	Max. Vertical	m	110	110	110	110
	Total	m	175	175	175	175
Communication cable		mm ²	3 x 0.75 (shielded)			
Remote control	Model		KJR-29B	KJR-29B	KJR-29B	KJR-29B
	Type		Wiring	Wiring	Wiring	Wiring
Temp. Range Operation	Cooling	°C	-5 to 43	-5 to 43	-5 to 43	-5 to 43
	Heating	°C	-20 to 24	-20 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 anechoic chamber at 1 m front distance and 1.4 m height.

⁽⁴⁾ Noise level measured in anechoic chamber at 1 m front distance and 1.3m height.

⁽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 110m is 90m.

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.
- Model 56 does not include air filter.