

SPLIT DUCT INVERTER GREAT CAPACITY MUCHR-H7 Series

MUNDCLIMA®
SUPER DC INVERTER

- DC Inverter Compressor
- DC Fan Motors
- Configurable static pressure
- Remote ON / OFF signal and alarm.
- Wall control with "Follow me" function KJR-29B included.
- Wall control with week schedule and "Follow me" function KJR-120C (optional).
- Centralized controller CCM (optional).



KJR-29B



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



Automatic restart

Recovery of the adjustments before the electrical cut.



Different speeds of the external fan

Accurate adjustment of fan speed thanks to fan DC.



Configurable static pressure

The static pressure of the fan can be adjusted using the electronic board, in this way, the machine can be adapted to each installation.



Timer function

The timer can be set to start and stop at any point in a 24-hour period.



Trouble shooting

Error codes are showed in the indoor panel, wall control and outdoor PCB.



Wide working temperature range

Cooling operation until 46°C and in heating up to -15°C.



Remote signal (CP)

The indoor unit has an ON/OFF input and an alarm output.



Cooling under low temperatures

Operation in cooling up to -15 °C outdoor temperature.



Follow Me Function

The wireless remote control incorporates a temperature sensor.



Centralized control CCM

Possibility to control several units from only one control. It can directly control up to 64 units of different systems (Air conditioners Inverter H6, H7, MVD and Fan coil units W7 series) (optional).

TECHNICAL SPECIFICATIONS

Model			MUCHR-96-H7T	
Code			CL20259	
Cooling ⁽¹⁾	Nominal capacity	kW	28.0	
	Nominal rating	W	9.0	
	EER	W/W	3.11	
Heating ⁽²⁾	Nominal capacity	kW	31.5	
	Nominal rating	W	8.5	
	COP	W/W	3.71	
Indoor unit	Air flow rate (High / Medium / Low)		m ³ /h 4.075 / 3.900 / 3.880	
	Static pressure	Rated	Pa 50	
		Configurable ⁽³⁾	Pa 0 ~ 150	
	Sound pressure (High / Medium / Low)		dB(A) 52 / 51 / 49	
	Drain connection		mm Ø32	
	Power supply		V-Hz-Ph 220-240V~ 50Hz, 1F	
	Inner power cable		mm ² 2 x 2.5 + T	
	Wired remote control		KJR-29B	
	Provided cable length (4 wires)		m 6	
	Dimensions (Width x Height x Depth)		mm 1470 x 512 x 775	
	Weight		kg 83	
Outdoor unit	Air flow (High)		m ³ /h 9,800	
	Sound pressure (High)		dB(A) 59	
	Compressor (Brand / Model)		MITSUBISHI / LNB53FCAMC	
	Power supply		V-Hz-Ph 380-415V~ 50Hz, 3F	
	Outdoor power cable		mm ² 4 x 6 + T	
	Dimensions (Width x Height x Depth)		mm 1120 x 1558 x 414	
Weight		kg 148		
Whole set	Communication cable		mm ² 3 x 0,75 (shielded)	
	Refrigerant	Type	R410A	
		Load	kg 7.2	
		Preloading until	m 5	
		Additional load (from 5 m)	g/m 30	
	Design pressure		MPa 4,4 / 2,6	
	Connection pipes	Liquid / Gas		mm (inch) Ø9,52 / Ø25,1 (3/8" / 1")
		Max. Length ⁽⁴⁾	Higher outdoor unit	m 50
			Lower outdoor unit	m 25
	Max. Drop Height	Higher outdoor unit	m 25	
Lower outdoor unit		m 30		
Operation temperature	Indoor (Cooling / Heating)	°C 17 ~ 32 / 0 ~ 30		
	Outdoor (Cooling / Heating)	°C -15 ~ 43 / -15 ~ 24		

Notes: ⁽¹⁾ Nominal cooling conditions: ind. ut. 27°C DB, 19°C WB and outd. ut. 35°C DB, 24°C WB, for a pipe length of 7.5 m and a height difference of 0 m.

⁽²⁾ Nominal heating conditions: ind. ut. 20°C DB, 15°C WB and outd. ut. 7°C DB, 6°C WB, for a pipe length of 7.5 m and a height difference of 0 m.

⁽³⁾ Configurable pressure via Micro-switch ENC2 on the indoor PCB of the indoor unit.

⁽⁴⁾ Pipes minimum length of 2 m.

- The above design and specifications are subject to change due product improvement without prior notice.

- The values of noise level match with values obtained in the anechoic chamber.