

COLUMN TYPE SPLIT MUCOR-H9 Series

NEW

**SCOP
4.0**

**Gas
R32.
More
Ecological**



RG57B2/BGE
Included
(CL 94 982)



MUNDACLIMA®
SUPER DC INVERTER



Control panel

It adds a control panel to control the machine without any wireless remote control.



Horizontal and vertical blade swing

Better air distribution thanks to the automatic blade swing, horizontal and vertical.



Daily timer

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



Pipe compatibility

Possibility of increasing a size over the standard diameter in the gas pipe.



LED digital display

Equipment with a digital display showing the setpoint temperature during normal operation or room temperature in ventilation mode.



Refrigerant leak detection

The unit automatically detects the existence of possible leaks of refrigerant in the circuit.



Automatic restart

Recovery of the adjustments before the electrical cut.



Emergency operation

Possibility of unit operation with the manual button in case of activation of some alarms.



Cold air protection

In heating, the initial fan speed is adjusted in accordance with the coil temperature.



Turbo operation

Maximum cooling/heating time reduction.



Wide working temperature range

Cooling operation until 50 °C and in heating up to -15°C.



Trouble shooting

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



Quieter outdoor unit

Optimized design of air outlet grille with noise reduction.



Cooling under low temperatures

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



Different speeds of the external fan

Accurate adjustment of fan speed thanks to DC motor.



SUPER DC

Equipment that has both, DC Inverter compressor and DC fan motors.



R32

Unit that uses more environmentally friendly refrigerant: R32.



Sleep Mode

This function automatically increases cooling or drops heating temperature by 1°C per hour during the first 2 hours, and then keeps constant temp. for the next 5 h before turning off. This function is energy-saving and provides night comfort.



Wifi

Possibility that the unit is controlled via WIFI (optional).

COLUMN TYPE SPLIT H9



SPECIFICATIONS

Model			MUCOR-48-H9T	
Code			CL 20 393	
Cooling	Nominal capacity (min. - max.)		kW 14.06 (5.28 ~ 16.71)	
	Nominal consumption (min. - max.)		W 4,965 (1,147 ~ 6,682)	
	Pdesignc		kW 14.2	
	SEER		W/W 6.1	
	Energy labeling		A++	
Annual electricity consumption		kWh/year 815		
Heating	Rated capacity (min.- max.)		kW 16.12 (4.4 ~ 19.34)	
	Nominal consumption (min.- max.)		W 5,156 (1,022 ~ 6,448)	
	Intermediate climate zone	Pdesignh		kW 11.1
		SCOP		W/W 4.0
		Energy labeling		A+
		Annual electricity consumption		kWh/year 3885
		Tbiv		°C -7
	Tol		°C -15	
	Warm climate zone	Pdesignh		kW 12.5
		SCOP		W/W 5.1
		Energy labeling		A+++
		Annual electricity consumption		kWh/year 3431
		Tbiv		°C 2
Indoor unit	Air flow rate (High / Medium / Low)		m³/h 2,413 / 2,222 / 2,027	
	Sound pressure (High / Medium / Low)		dB(A) 55 / 53 / 51.5	
	Sound power (High)		dB(A) 66	
	Drain connection		mm Ø16.5	
	Power supply		V-Hz-Ph 220-240V~ 50Hz, 1Ph	
	Max. current		A 1.6	
	Max. consumption		W 350	
	Inner power cable		mm² 2 x 1.5 + T	
	Dimensions (Width x Height x Depth)		mm 629 x 1,935 x 456	
Weight		kg 58.4		
Outdoor Unit	Air flow (High)		m³/h 7,200	
	Sound pressure (High)		dB(A) 65	
	Sound power (High)		dB(A) 72	
	Compressor (Brand / Model)		GMCC / KTQ420D1UMU	
	Power supply		V-Hz-Ph 380-415V~ 50Hz, 3Ph	
	Max. current		A 11.2	
	Max. consumption		W 6,200	
	Outdoor power cable		mm² 4 x 2.5 + T	
	Dimensions (Width x Height x Depth)		mm 952 x 1333 x 415	
Weight		kg 106.7		
Whole set	Communication cable		mm² 2 x 0.75 (shielded)	
	Refrigerant	Type / PCA		R32 / 675
		Load		kg/TCO ₂ eq 2.8 / 1.89
		Preload until		m 5
	Additional load (from 5 m)		g/m 24	
	Connection pipes	Liquid / Gas		mm (inch) Ø9.52 / Ø15.9 (3/8" / 5/8")
		Max. Length ^(*)		m 65
		Max. Drop Height		m 30
Operation temperature	Indoor (Cooling / Heating)		°C 17 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)		°C -15 ~ 50 / -15 ~ 24	

Notes:

^(*) Pipes minimum length of 3 m.

*The above design and specifications are subject to change of product improvement without prior notice.

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

COLUMN TYPE SPLIT H9

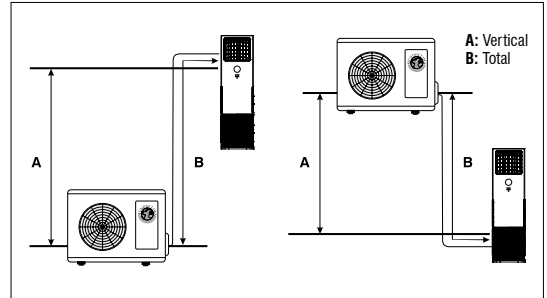
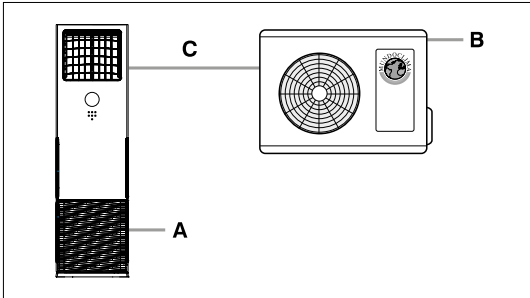


ELECTRICAL WIRING

Model	Power supply				Interconnection C
	Unit	Phases	Indoor A	Outdoor B	
MUCOR-48-H9T.	IND/OUTD	TRI/TRI	3x2,5	5 x 2.5	2 x 0.75 (shielded)

CONNECTION PIPES AND ADDITIONAL REFRIGERANT LOAD

Model	Pipe		Max. distance		Additional Load (g/m)	Preload up to (m)
	Gas	Liquid	A	B		
MUCOR-48-H9T.	5/8"	3/8"	30	65	24	5



Note: The communication cable cannot be used to supply neither the indoor nor the outdoor unit.

OPTIONALS

More information of the optionals in "MUNDOCLIMA CONTROL SYSTEMS"

"Follow me" Wireless control

WIFI

BMS

Accessories



RG57A6/BGE
(CL 94 588)



K-380EW
(CO 14 907)



IS-IR-KNX-1i
(CL 99 096)



JC-02
(CL 94 724)