

COLUMN TYPE SPLIT MUCOR-H11 Series

MUNDOCLIMA®
SUPER DC INVERTER

**POWER SUPPLY
TO OUTDOOR UNIT ONLY**



RG57B2/BGE
Included
(CL 94 982)



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 shown 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.



Night 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).



Golden Fin

Treatment applied to the heat exchangers to protect the equipment against atmospheric phenomena and the effects of aggressive environments. It also prevents the proliferation of bacteria and mold.

(1) SCOP warm climate zone, see specification table for more information.

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SPECIFICATIONS

Model			MUCOR-48-H11	MUCOR-48-H11T	
Joint code			CL 21 536	CL 21 537	
Cooling	Nominal capacity (min. - max.)	kW	14,06 (3,51 ~ 15,35)	14,06 (3,52 ~ 15,68)	
	Nominal consumption (min. - max.)	kW	4,90 (0,90 ~ 5,70)	4,95 (0,90 ~ 5,95)	
	Pdesignc (design load)	kW	14,1	14,1	
	SEER	W/W	6,1	6,1	
	Energy labeling		A++	A++	
	Seasonal energy efficiency for space cooling	ηs,c (%)	241	241	
	Annual electricity consumption	kWh/year	809	809	
Heating	Nominal capacity (min. - max.)	kW	16,12 (4,10 ~ 17,88)	16,12 (4,10 ~ 17,88)	
	Nominal consumption (min. - max.)	kW	5,10 (1,00 ~ 5,70)	5,10 (1,00 ~ 6,20)	
	Intermediate climate zone	Pdesignh	kW	11,0	11,0
		SCOP	W/W	4,0	4,0
	Energy labeling		A+	A+	
	Seasonal energy efficiency for space heating	ηs,h (%)	157	157	
	Annual electricity consumption	kWh/year	3,850	3,850	
	Tbiv	°C	-7	-7	
	Tol (Operating limit temp.)	°C	-15	-15	
	Warm climate zone	Pdesignh	kW	10	10,4
		SCOP	W/W	5	5,1
		Energy labeling		A+++	A+++
		Annual electricity consumption	kWh/year	2,855	2,855
	Tbiv	°C	2	2	
Indoor unit	Model		MUCOR-48-H11-I	MUCOR-48-H11-I	
	Code		UI 21 537	UI 21 537	
	EAN Code		8432953052492	8432953052492	
	Air flow rate (High / Medium / Low)	m³/h	2,413 / 2,222 / 2,027	2,413 / 2,222 / 2,027	
	Sound pressure (High / Medium / Low)	dB (A)	53 / 49 / 47	53 / 49 / 47	
	Sound power (High)	dB (A)	67	67	
	Drain connection (OD)	mm	Ø25	Ø 25	
	Fresh air intake (1*)	mm	Ø120	Ø 120	
	Dimensions (Width x Height x Depth)	mm	629 x 1935 x 456	629 x 1935 x 456	
	Weight	kg	59	59	
Outdoor unit	Model		MUER-48-H11-E	MUER-48-H11E	
	Code		UE21506	UE 21 507	
	EAN Code		8432953055110	8432953050276	
	Air flow (High)	m³/h	7,500	7,500	
	Sound pressure (High)	dB (A)	63,0	63,5	
	Sound power (High)	dB (A)	73	73	
	Compressor (Brand / Model)		GMCC / KTQ420D1UMU	GMCC / KTQ420D1UMU	
	Dimensions (Width x Height x Depth)	mm	952 x 1333 x 415	952 x 1,333 x 415	
Weight	kg	91,5	103,7		
Refrigerant	Type / PCA		R32 / 675	R32 / 675	
	Load	kg / TCO _{eq}	2,9 / 1,96	2,9 / 1,96	
	Preload until	m	5	5	
	Additional load (from 5 m)	g/m	24	24	
Connection pipes	Liquid	mm (inch)	Ø9,52 (3/8")	Ø 9.52 (3/8")	
	Gas	mm (inch)	Ø15,9 (5/8")	Ø 15.9 (5/8")	
	Max. Length (2*)	m	75	75	
	Max. Height Difference	m	30	30	
Electrical data	Power supply	V-Hz-Ph	220-240 ~ 50, 1N	380-415 ~ 50, 3N	
	Max. consumption	kW	6,9	6,9	
	Max. current	A	29	13	
	Power cord (outdoor unit)	mm²	2 x 6 + T	4 x 2,5 + T	
	Communication cable	mm²	3 x 1 + T	3 x 1 + T	
Operation temperature	Indoor (Cooling / Heating)	°C	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)	°C	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	

Notes:

(1*) Inner diameter

(2*) Pipes minimum length: 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.

*** All the data and specifications can be changed without previous notice.

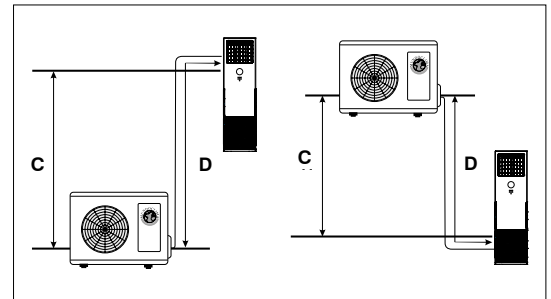
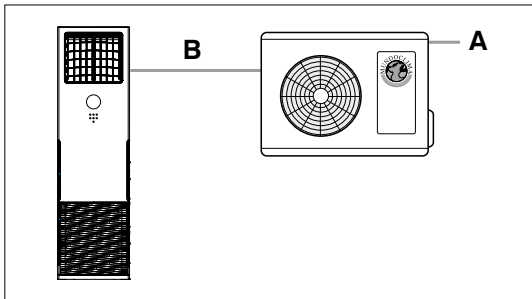
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ELECTRICAL WIRING

Model	Power supply (outdoor unit only)		Interconnection (B)
	Type	Section (A)	
MUCOR-48-H11	230V (1N~)	2 x 6 + T (mm ²)	3 x 1 + T (mm ²)
MUCOR-48-H11T	400V (3N~)	4 x 2,5 + T (mm ²)	

CONNECTION PIPES AND ADDITIONAL CHARGE (R-32)

Model	Pipe		Max. distance		Additional refrigerant charge	Preload up to (m)
	Liquid	Gas	Vertical (C)	Total (D)		
MUCOR-48-H11	3/8"	5/8"	30 m	75 m	24 g/m	5 m
MUCOR-48-H11T						



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

OPTIONALS

More information on the optionals in "MUNDOCLIMA CONTROL SYSTEMS"

"Follow me" Wireless control



RG57A6/BGE
(CL 94 588)

WIFI



K-380EW
(CO 14 907)

BMS



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

Accessories



M-CHECK
(CL 09 410)