

# 1x1 INVERTER WALL SPLIT MUPR-H11 Series

**MUNDCLIMA**  
*SUPER DC INVERTER*

- It takes care of people's health thanks to the air purification function by **Ionizer**
- Outdoor unit with less than 50 cm height (models 09 and 12)



**CORE  
GENIUS**



**SELF-CLEANING**



**SILENCE**



**DESIRED  
TEMPERATURE  
RANGE SETTING**



**GEAR**



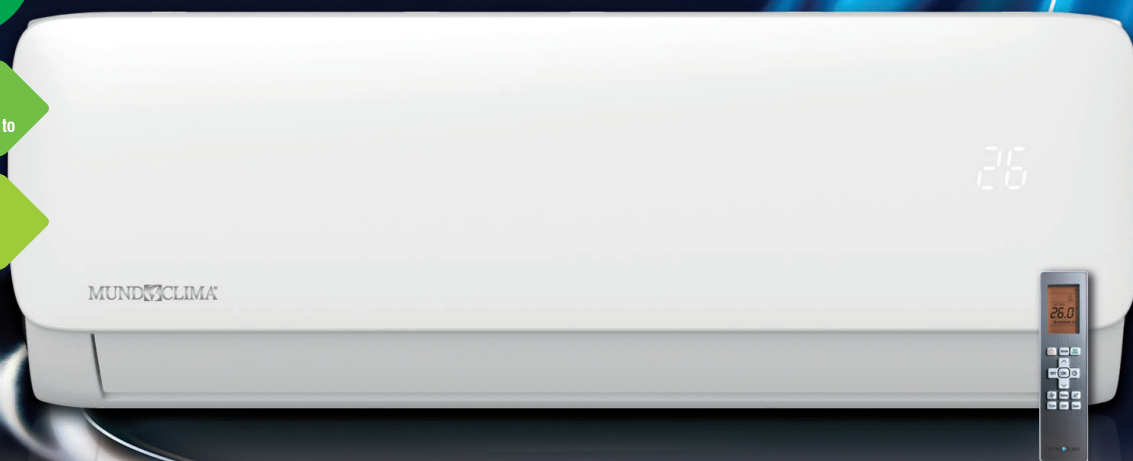
**GOLDEN  
FIN**



Gas  
**R32**  
More  
Eco-friendly

SEER  
**A++**  
of up to  
7.4

SCOP  
**A+**



RG10A1 (F2S)/BGEF  
Included  
(CL97807)

**AIRZONE**<sup>(1)</sup>  
**COMPATIBLE**

## OPTIONALS

More information on optionals in "CONTROL SYSTEMS"

### Wired remote control <sup>(2)</sup>



KJR-29B1/BK-E<sup>(2)</sup>  
(CL92869)



KJR-120N(X4W)/BGEF<sup>(1)</sup>  
(CL09211)



KJR-120P(X6W)/EF<sup>(1)</sup>  
(Negro)(CL09214)



EU-OSK-105  
(CL09001)

### WIFI



CCM180A/WS<sup>(1)</sup>  
(CL09300)



CCM30/BKE<sup>(1)</sup>  
(CL92871)

### Centralized controller <sup>(1)</sup>



MD-AC-MBS<sup>(1)</sup>  
(CL99097)



MD-AC-KNX<sup>(1)</sup>  
(CL94792)



INBACMID<sup>(1)</sup>  
(CL99222)

### WiFi AIDOO Airzone<sup>(1)</sup>



AZA16WSCGM1<sup>(1)</sup>  
(CO48080)

### Accessories



Módulo Multifunción H11  
(CL09400)



M-CHECK  
(CL09410)

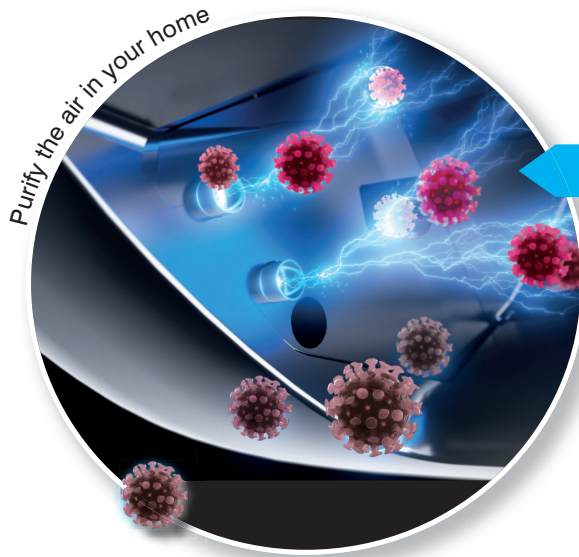
<sup>(1)</sup> H11 multifunction module required (CL09400), in the case of KJR-120 wired controls, also adds the connection cable (CL09408).

<sup>(2)</sup> Connection cable (CL98442) required, not recommended for use with the multifunction module H11.

## MUPR-H11 Serie WALL SPLIT



## FRESH AIR (ION)



## AIR PURIFYING FUNCTION

Since bacteria, viruses, dust and, in general, all pollutants in the air are positively charged, the use of the ionizer causes these particles to bind to the negative ions generated by the device, and as they become heavier particles, they fall to the ground.

The air ionization process starts once the air enters the indoor unit, then a process of ionized plasma generation begins, the ionizer creates  $O(2-)$  ions and  $H(+)$  ions, which bind with each other and generate high capacity  $OH(-)$  radicals.

$OH(-)$  radicals, upon encountering  $H(+)$  from the surface of bacteria, viruses and other environmental pollutants, adhere to their walls, rupturing their protective membranes and destroying their activity. As a result of this reaction, water molecules ( $H_2O$ ) are produced and fall to the ground, resulting in purified air free of pollutants, which translates in a very pleasant feeling of freshness.

## COMPATIBILITY WITH LEADING VOICE ASSISTANTS



EU-OSK-105  
(CL09001)  
Optional

## SKILL NETHOME PLUS

Possibility to control the air conditioner through voice using the leading assistants on the market.

**Turn on the air without getting up from the couch or ... while cooking!**



## Download app



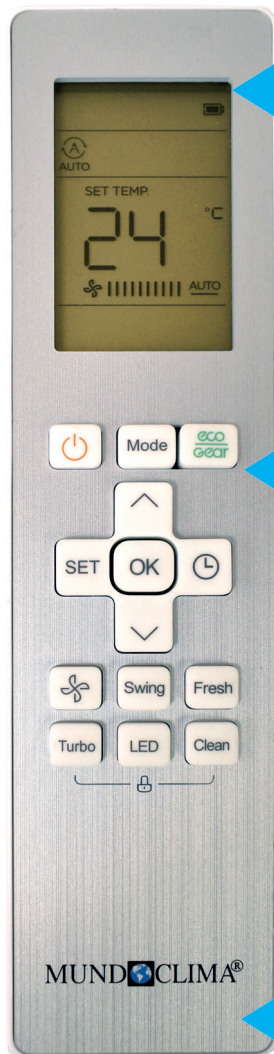
NetHome  
Plus



## MUPR-H11 Serie WALL SPLIT



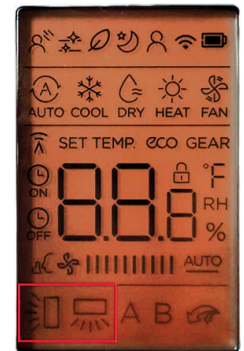
## ■ PREMIUM MULTIFUNCTION REMOTE CONTROL



## LARGE BACKLIT DISPLAY

The RG10 remote control has a large display to show all the functions of the new equipment, for example:

- Fan speed adjustment from 1% to 100% in 1% increments.
- Functions: "Breeze Away", "Sleep", "Follow me", "Clean", "Fresh", "Turbo", "LED", "Swing", "ECO", "Gear" and Timer.



## MULTIPLE CONFIGURATIONS

It also allows the adjustment of different functions of the equipment.

Set the parameters as desired:

Function	Adjustment
Auto-restart function	Active/Inactive
Temperature Compensation	Adjust the value from 0 °C to 6 °C
Fan speed setting	Adjust fan speed as desired
Temperature range setting	Minimum cooling from 16 °C up to 24 °C Maximum heating from 30 °C up to 25 °C

and much more!

## SAVE TIME IN MAINTENANCE

RG10A1(F2S)/BGEF  
(CL 97 807)

Finally, the new remote control also allows you to check operating parameters.

Check the operating frequency or temperature of all sensors of the equipment in an easy manner through the indoor unit's display.



## ENGINEERING MODE MANUAL

Download the engineering mode manual from this QR code and ...  
discover all the possibilities!

## MUPR-H11 Serie WALL SPLIT

**MUNDCLIMA®**  
**SUPER DC INVERTER**

## TECHNICAL SPECIFICATIONS

Model			MUPR-09-H11	MUPR-12-H11	MUPR-18-H11	MUPR-24-H11		
Code			CL20055	CL20056	CL20057	CL20058		
Cooling	Nominal capacity (min. ~ max.)		kW	2.64 (1.03 - 3.22)	3.52 (1.38 - 4.31)	5.28 (1.93 - 6.27)	7.03 (3.02 - 8.79)	
	Rated consumption (min. - max.)		kW	0.73 (0.08 - 1.10)	1.09 (0.12 - 1.65)	1.55 (0.15 - 2.25)	2.40 (0.34 - 3.45)	
	Pdesignc (design load)		kW	2.8	3.6	5.3	7.0	
	SEER		W/W	7.4	7.0	7.0	6.4	
	Energy labeling			A++	A++	A++	A++	
Annual electricity consumption		kWh/year	132	182	265	383		
Heating	Nominal capacity (min. ~ max.)		kW	2.93 (0.82 - 3.37)	3.81 (1.07 - 4.38)	5.57 (1.29 - 7.00)	7.33 (1.52 - 9.47)	
	Rated consumption (min. - max.)		kW	0.77 (0.70 - 0.99)	1.27 (0.11 - 1.48)	1.63 (0.22 - 2.35)	2.13 (0.30 - 3.15)	
	Average climate zone	Pdesignh	kW	2.5	2.5	4.2	4.9	
		SCOP	W/W	4.1	4.2	4.0	4.0	
		Energy labeling			A+	A+	A+	
		Annual electricity consumption		kWh/year	854	833	1,470	1,715
	Warm climate zone	Tbiv	°C	-7	-7	-7	-7	
		Pdesignh	kW	2.5	2.5	4.5	5.3	
		SCOP	W/W	5.3	5.5	5.1	5.1	
		Energy labeling			A+++	A+++	A+++	
	Cold climate zone	Annual electricity consumption		kWh/year	691	638	1,235	1,455
		Tbiv	°C	2	2	2	2	
		Pdesignh	kW	3.8	3.7	6.9	10.8	
		SCOP	W/W	3.1	3.4	3.2	2.7	
	Energy labeling			B	A	B	D	
	Annual electricity consumption		kWh/year	2,574	2,304	4,528	8,400	
	Tbiv		°C	-10	-10	-10	-10	
	Tol (Limited operating temperature)		°C	-15	-15	-15	-15	
Indoor unit	Model		MUPR-09-H11-I	MUPR-12-H11-I	MUPR-18-H11-I	MUPR-24-H11-I		
	EAN Code		8432953048860	8432953048884	8432953048907	8432953048921		
	Air flow rate (High/Medium/Low)	m³/h	520/460/330	530/400/350	800/600/500	1,090/770/610		
	Sound pressure (High/Medium/Low/Silence)(1)	dB (A)	37/32/22/20	37/32/22/21	41/37/31/28	46/37/34/30		
	Sound power (High)(1)	dB (A)	54	56	56	62		
	Dimensions (W x H x D)	mm	726 x 291 x 210	835 x 295 x 208	969 x 320 x 241	1,083 x 336 x 244		
	Weight	kg	8	8.7	11.2	13.6		
Outdoor unit	Model		MUPR-09-H11-E	MUPR-12-H11-E	MUPR-18-H11-E	MUPR-24-H11-E		
	EAN Code		8432953048877	8432953048891	8432953048914	8432953048938		
	Air flow (High)	m³/h	1,850	1,850	2,100	3,500		
	Sound pressure (High)(1)	dB (A)	55.5	55	57	60		
	Sound power (High)(1)	dB (A)	62	62	65	67		
	Dimensions (W x H x D)(2)	mm	720 x 495 x 262	720 x 495 x 262	805 x 554 x 312	890 x 673 x 335		
Weight		kg	23.5	23.7	33.5	43.9		
Refrigerant	Type/PCA		R32/675					
	Load	kg/TCO <sub>2</sub> eq	0.6/0.41	0.65/0.44	1.1/0.74	1.45/0.98		
	Preload until	m	5	5	5	5		
	Additional load (from 5 m)	g/m	12	12	12	24		
Connection pipes	Liquid	mm (inch)	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 9.52 (3/8")		
	Gas	mm (inch)	Ø 9.52 (3/8")	Ø 9.52 (3/8")	Ø 12.7 (1/2")	Ø 15.9 (5/8")		
	Max. Length	m	25	25	30	50		
	Max. Height Difference	m	10	10	20	25		
Electrical data (3)	Power supply		V-Hz-Ph 220-240 ~ 50, 1N					
	Max. consumption	kW	2.15	2.15	2.50	3.70		
	Max. current	A	10	10	13	19		
	Power cord (outdoor unit)	mm²	2 x 1.5 + T	2 x 1.5 + T	2 x 1.5 + T	2 x 2.5 + T		
	Communication cable	mm²	4 x 1.5 + T	4 x 1.5 + T	4 x 1.5 + T	4 x 2.5 + T		
Operation temperature	Indoor (Cooling/Heating)		°C 16 ~ 32/0 ~ 30					
	Outdoor (Cooling/Heating)		°C -15 ~ 50/-15 ~ 24					

**Notes:** (1) The noise level values match the values obtained in a semi-anechoic chamber.

(2) The dimensions are for the unit body, not including protruding elements (valve covers, grids, handles, etc.), for detailed dimensions please refer to the installation manual.

(3) The electrical wiring sections indicated are recommended but may be higher depending on each installation; these must be adapted to the electrical regulations in force.

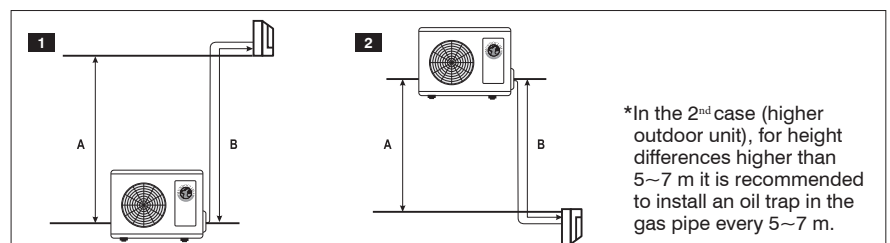
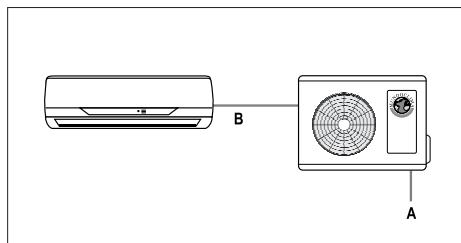
**Warning:** - Data and specifications can be changed without previous notice.

## ELECTRICAL INSTALLATION

Model	Electrical wiring (A)	Interconnection wiring (B)
MUPR-09-H11	2x1,5+T	4x1,5+T
MUPR-12-H11	2x1,5+T	4x1,5+T
MUPR-18-H11	2x1,5+T	4x1,5+T
MUPR-24-H11	2x2,5+T	4x2,5+T

## REFRIGERATING INSTALLATION (R-32)

Model	Pipe		Max. Length (B)	Max. slope (A)	Preload until (m)	Additional charge (g/m)
	Liquid	Gas				
MUPR-09-H11	1/4"	3/8"	25	10	5	12
MUPR-12-H11	1/4"	3/8"	25	10	5	12
MUPR-18-H11	1/4"	1/2"	30	20	5	12
MUPR-24-H11	3/8"	5/8"	50	25	5	24





## MUPR-H11 Serie WALL SPLIT



## PERFORMANCE



**R32**  
Unit that uses more environmentally friendly refrigerant: R32. In order to install equipment with R32 refrigerant gas, you must review the current legislation.



**WIFI**  
Possibility of controlling the unit via WIFI, through its own module and App.



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



**CLEANING FILTER REMINDER**  
The equipment tells us when to clean and/or replace the indoor unit's air filter.



**PIPE COMPATIBILITY**  
Possibility of increasing a size over the standard diameter in the gas or liquid pipe or both.



**LOW VOLTAGE START**  
The equipment can start and run normally up to a supply voltage of 75 V.



**DIGITAL DISPLAY LED**  
Equipment with a digital display showing the setpoint temperature during normal operation or the ambient temperature in ventilation mode.



**ADJUSTMENT**  
Function adjustment and operating parameters query using the control.



**FOLLOW ME FUNCTION (iFeel)**  
The remote control also has a room temperature sensor.



**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 mode, the initial fan speed is adjusted in accordance with the battery temperature.



**TURBO OPERATION**  
Maximum reduction of Cooling/Heating time.



**LOW SOUND LEVEL**  
Thanks to the Silence mode and its new design, the sound level is reduced to the minimum.



**TEMPERATURE COMPENSATION**  
The remote control allows you to set the compensation temperature for heating and cooling mode.



**VARIOUS OUTDOOR FAN SPEEDS**  
Accurate adjustment of fan speed thanks to DC fan.



**FEWER SCREWS**  
Not only the indoor unit, but also the outdoor unit uses less screws, so the disassembly is going to be easier.



**LOW TEMPERATURE REFRIGERATION**  
Cooling operation up to -15 °C outdoor.



**STANDBY FUNCTION (ONLY 1 W AT REST)**  
The outdoor unit is automatically disconnected from the supply when the unit is in standby, in that way the consumption in standby modus is only 1 W.



**REFRIGERANT LEAK DETECTION**  
The unit automatically detects possible refrigerant leaks in the circuit.



**DESIRED TEMPERATURE RANGE SETTING**  
The remote control is able to adjust: Minimum cooling from 17 °C up to 24 °C; Maximum heating from 30 °C up to 25 °C.



**VARIOUS INDOOR FAN SPEEDS**  
Possibility to adjust fan speed from 1% to 100% in 1% increments.



**U-FORM SUPPORTS**  
The installation is easier thanks to the new outdoor unit back supports.



**QUIETER OUTDOOR UNIT**  
Design optimized of the air exit grill with decrease of the noise up to 3.3 dB (A) in comparison with previous models.



**WIDE OPERATION RANGE**  
Cooling operation up to 50 °C and in heating operation down to -15 °C.



**NIGHT MODE**  
It causes the unit to operate according to the preset nighttime temperature curve, which creates an ideal nighttime environment and improves sleep quality.



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



**TROUBLESHOOTING**  
Error codes are exhibited in the inside panel, wired wall control and outdoor PCB.



**REMOTE SIGNS (CP)**  
Possibility of having an ON/OFF input.



**CENTRALIZED CONTROLL**  
Possibility of controlling several units with the same control.



**CORE GENIUS**  
The frequency of traditional Inverter equipment has a  $\pm 1$  °C fluctuation of the ambient temperature during operation. However, with the new "CORE GENIUS" Inverter technology that adjusts 0.6 Hz for each step, the frequency variation of the Inverter is so smooth that the  $\pm 0.5$  °C fluctuation of the ambient temperature is not noticeable.



**SELF-CLEANING**  
This function performs a self cleaning on the indoor unit. When the SELF-CLEANING function (iClean button) is activated, the unit initially operates in cooling mode with the fan at a low speed, during this period the condensation water carries away the dust from the battery. Then the unit switches to heating mode with the fan at a low speed to dry the battery and the inside of the unit. Finally, the unit switches to ventilation mode to finish drying completely.



**SILENCE**  
This function allows you to select the ultra-quiet speed, so the sound level of the equipment is very low.



**GOLDEN FIN**  
Gold-plated heat exchanger, which protects the equipment against atmospheric phenomena and the effects of aggressive environments. It also prevents the proliferation of bacteria and mold.



**A++ ENERGY LABELLING FOR COOLING**



**A+ ENERGY LABELLING FOR COOLING**



**FRESH AIR (ION)**  
This equipment incorporates an ionizer to generate OH(-) and thus purify the air by deactivating bacteria, viruses and other pathogens, providing a very pleasant feeling of freshness.



**BREEZE AWAY**  
Function that allows diverting the air flow to another location to prevent the equipment from blowing directly on people.



**GEAR**  
It allows the equipment capacity to be set to 50%, 75% or 100% (default).



**COLD CATALYST FILTER**  
This equipment incorporates a purifying filter that can absorb formaldehyde without the need for ultra-violet light.



**SPRINTING**  
Like a sprint runner, this function allows the compressor to reach 65 Hz in just 6 s.



**REVERSE ROTATION**  
When the equipment is stopped, the outdoor unit fan rotates backwards to remove leaves or other external elements from the battery.