

1x1 INVERTER WALL SPLIT MUPR-H11 Series

NEW!

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



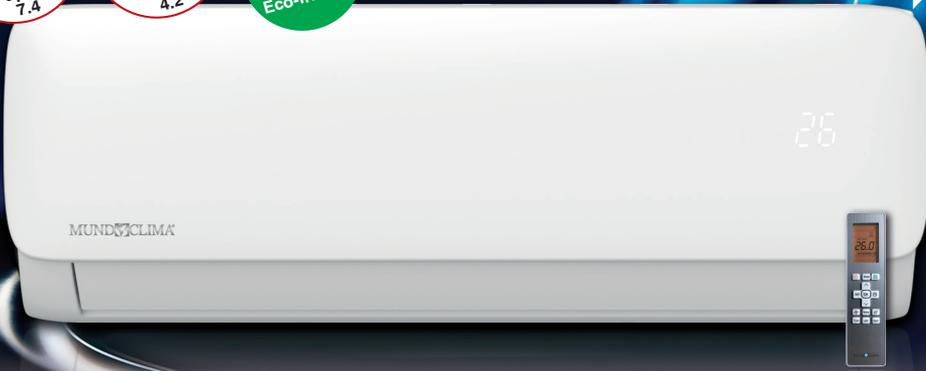
SEER
A++
up to 7.4

SCOP
A+
up to 4.2

Gas
R32
More
Eco-friendly

works with
amazon alexa

works with the
Google Assistant ⁽²⁾

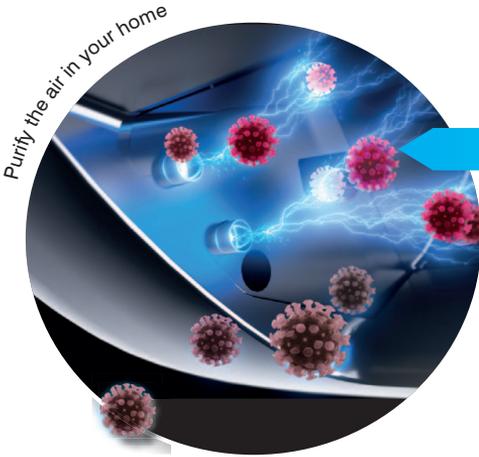


RG10A1 (F2S)/BGEF
Included
(CL 97 807)

WALL SPLIT MUPR-H11 Series



FRESH AIR (ION)



AIR PURIFICATION FUNCTION

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

The process of ionization of the air begins once the air enters the interior unit, then a process of ionized plasma generation is initiated, the ionizer creates O(2-) ions and H(+) ions, which when found, generate high capacity OH(-) radicals.

OH(-) radicals, when they encounter H(+) from the surface of bacteria, viruses and other environmental contaminants, adhere to their walls breaking their protective membranes and destroying their activity. As a result of this reaction, water molecules (H2O) are produced that fall to the ground, so as a result we obtain a purified air free of pollutants, which produces a very pleasant sensation of freshness.

COMPATIBLE WITH ALL MAJOR VOICE ASSISTANTS



SKILL NETHOME PLUS

Use the main assistants on the market to control your air conditioning equipment with your voice.

Turn on the air without getting up from the couch or even while you cook!



Download App



NetHome Plus



WALL SPLIT MUPR-H11 Series



MULTIFUNCTIONAL PREMIUM REMOTE CONTROL



LARGE BACKLIT DISPLAY

The RG10 remote control has a large display capable of showing all the functions of the new equipment, such as:

- Adjust the fan speed from 1% to 100% in 1% increases.
- Functions: "Breeze Away", "Sleep", "Follow me", "Clean", "Fresh", "Turbo", "LED", "Swing", "ECO", "Gear" and Timer.

MULTIPLE CONFIGURATIONS

It also allows you to adjust different device functions.

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
Setting temperature range	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

The new remote control also allows you to check operating parameters.

Check operation frequency or the temperatures of all the equipment's sensors easily through the indoor unit's display.

RG10A1 (F2S)/BGEF
(CL 97 807)

ENGINEERING MODE MANUAL



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

WALL SPLIT MUPR-H11 Series



TECHNICAL SPECIFICATIONS

Model		MUPR-09-H11	MUPR-12-H11	MUPR-18-H11	MUPR-24-H11		
Code		CL 20 055	CL 20 056	CL 20 057	CL 20 058		
Cooling	Rated capacity (min. ~ max.)	kW	2.64 (1.03 – 3.22)	3.52 (1.38 – 4.31)	5.28 (3.39 – 5.90)	7.03 (2.11 – 8.21)	
	Rated consumption (min. - max.)	kW	0.73 (0.8 – 1.10)	1.09 (1.12 – 1.65)	1.55 (0.56 – 2.05)	2.40 (0.42 – 3.20)	
	Pdesigngh (design load)	kW	2.8	3.6	5.3	7.0	
	SEER	W/W	7.4	7.0	7.0	6.4	
	Energy efficiency class		A++	A++	A++	A++	
Annual electricity consumption		kWh/year	132	182	265	383	
Heating	Rated capacity (min. ~ max.)	kW	2.93 (0.82 – 3.37)	3.81 (1.07 – 4.38)	5.57 (3.10 – 5.85)	7.33 (1.55 – 8.21)	
	Rated consumption (min. - max.)	kW	0.77 (0.70 – 0.99)	1.27 (0.11 – 1.48)	1.75 (0.78 – 2.00)	2.13 (0.30 – 3.10)	
	Intermediate climate zone	Pdesigngh	kW	2.5	2.5	4.2	4.9
		SCOP	W/W	4.1	4.2	4.0	4.0
		Energy efficiency class		A+	A+	A+	A+
		Annual electricity consumption	kWh/year	854	833	1.470	1.715
	Warm climate zone	Tbiv (Bivalent temperature)	°C	-7	-7	-7	-7
		Pdesigngh	kW	2.5	2.5	4.5	5.3
		SCOP	W/W	5.3	5.5	5.1	5.1
		Energy efficiency class		A+++	A+++	A+++	A+++
	Cold climate zone	Annual electricity consumption	kWh/year	691	638	1.235	1.455
		Tbiv (Bivalent temperature)	°C	2	2	2	2
		Pdesigngh	kW	3.8	3.7	6.9	10.8
		SCOP	W/W	3.1	3.4	3.2	2.7
	Energy efficiency class			B	A	B	D
	Annual electricity consumption		kWh/year	2.574	2.304	4.528	8.400
	Tbiv (Bivalent temperature)		°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		8.432.953.048.860	8.432.953.048.884	8.432.953.048.907	8.432.953.048.921	
	Air flow rate (High / Medium / Low)	m³/h	520 / 460 / 330	530 / 400 / 350	800 / 600 / 500	1090 / 770 / 610	
	Sound pressure (High / Medium/ Low/ Silence)	dB(A)	37 / 32 / 22 / 20	37 / 32 / 22 / 21	41 / 37 / 31 / 28	46 / 37 / 34 / 30	
	Sound power (High)	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	1083 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)	dB(A)	55.5	55	57	60	
	Sound power (High)	dB(A)	62	62	65	67	
	Dimensions (W x H x D)	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 ₂ 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)	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ9.52 (3/8")	
	Gas	mm(inch)	Φ9.52 (3/8")	Φ9.52 (3/8")	Φ12.7 (1/2")	Φ15.9 (5/8")	
	Max. Length	m	25	25	30	50	
	Max. Drop Height	m	10	10	20	25	
Electrical data	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 cable (outdoor unit)	mm²	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	2 x 4 + T	
Communication cable	mm²	4 x 2.5 + T	4 x 2.5 + T	4 x 2.5 + T	4 x 4 + T		
Operation temperature	Indoor (Cooling / Heating)	°C	16 ~ 32 / 0 ~ 30				
	Outdoor (Cooling / Heating)	°C	-15 ~ 50 / -15 ~ 24				

Notes: 1. The values of noise level match with the values obtained in the semi-anechoic chamber.

2. The dimensions correspond to the body of the unit, excluding protruding elements (valve cover, grids, handles, etc.). For detailed dimensions, please refer to the installation manual.

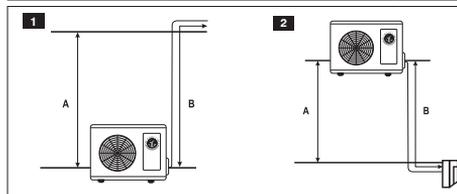
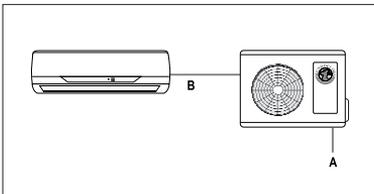
Warning: - Data and specifications can be changed without previous notice.

ELECTRICAL INSTALLATION

Model	Electrical wiring (A)	Interconnection wiring (B)
MUPR-09-H11	2x2.5+T	4x2.5+T
MUPR-12-H11	2x2.5+T	4x2.5+T
MUPR-18-H11	2x2.5+T	4x2.5+T
MUPR-24-H11	2x4+T	4x4+T

REFRIGERATION SYSTEM (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



*In the second case (higher ext. unit) for differences in height of more than 5~7m it is necessary to install an oil trap in the gas pipe every 5~7m.

WALL SPLIT MUPR-H11 Series

PERFORMANCE



R32
Unit that uses more environmentally friendly refrigerant: R32. In order to carry out the installation of equipment with R32 refrigerant gas, current legislation must be reviewed.



WIFI
The unit can be controlled via WIFI through its own module and App.



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



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



PIPE COMPATIBILITY
Ability to increase a size over the standard diameter in the gas or liquid pipe or both.



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



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



ADJUSTMENT
Setting functions and checking operating parameters through the controller.



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



AUTO RESTART
Recovery of the adjustments before the electrical cut.



EMERGENCY OPERATION
A manual button can be used to operate the unit in case of some alarms.



COLD AIR PREVENTION
In heating mode, the initial fan speed is adjusted according to the battery temperature.



TURBO OPERATION
Cooling / heating time reduced to a maximum.



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



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



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



FEWER SCREWS
Not only the indoor unit but also the outdoor unit have less screws, making disassembly easy.



COOLING AT LOW TEMPERATURES
Cooling operation up to -15°C outdoor.



STANDBY FUNCTION (ONLY 1W IN STANDBY)
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 1W.



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



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



MULTIPLE INTERIOR FAN SPEEDS
Up to 12 speed levels that are automatically adjusted if the automatic ventilation is activated.



U-SHAPED FEET
The new outdoor unit's rear legs make installation more convenient.



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 until 50°C and in heating until -15 °C.



NIGHT MODE
It makes the unit work according to the pre-set night temperature curve, which creates an ideal environment during the night 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 showed in the indoor panel, wall controller and outdoor PCB.



REMOTE SIGNALS (CP)
The indoor unit has an ON/OFF input.



CENTRALIZED CONTROL
Control several units with the same controller.



CORE GENIUS
The frequency of traditional Inverter equipment has a fluctuation of $\pm 1^\circ\text{C}$ from the room temperature during operation.
However, with the new " CORE GENIUS" Inverter technology that adjusts 0.6Hz for each step, the frequency variation of the Inverter is so smooth that you do not notice the fluctuation of the $\pm 0.5^\circ\text{C}$ room temperature.



SELF-CLEANING
This function performs a self-cleaning on the indoor unit. When the SELF-CLEANING function is activated (iClean button), the unit initially operates in cooling mode with the fan at low speed, during this period the condensed water drags the dust from the battery. The unit then switches to heating mode with the fan at low speed, to dry the battery and the interior of the unit. Lastly, 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 unit against atmospheric phenomena and the effects of aggressive environments. It also prevents the proliferation of bacteria and mould.



A++ COOLING ENERGY LABEL



A+ HEATING ENERGY LABEL



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



BREEZE AWAY
Function that allows the air flow to be diverted to another place to prevent the equipment from blowing directly on people.



GEAR
Allows to set the capacity of the equipment to 50%, 75% or 100% (default).



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



SPRINT START
Like a sprinter, this function allows the compressor to reach 65Hz in just 6s.



REVERSE ROTATION
When the unit is interrupted, the outside unit fan rotates backwards to remove leaves or other external items from the battery.