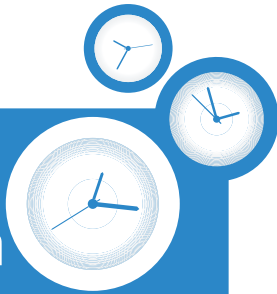


CL 1x1 INVERTER WALL SPLIT MUPR-H7 Series

MUNDOCLIMA®
SUPER DC INVERTER

Save
installation
time



Gas R32
More ecological

SEER A++



EASILY DISMANTELED

Easy access to PCB, detachable fan, movable housing.
Save 30 % of maintenance time.



MORE SPACE FOR INSTALLATION

New bracket, fastener feet, simpler electrical connection.
Save 20 % of installation time.



MORE ACCESSIBLE FILTERS

Without the need to open the panel, it avoids the dirt to fall down.
Save 5% of cleaning time.



WIDE RANGE OF CONNECTIVITY

Possibility of connecting different control devices, among them also a WIFI module.
Turn on your new air conditioner Mundoclimate from anywhere you are.



Follow Me Function

The wireless remote control incorporates a 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, the initial fan speed is adjusted in accordance with the coil temperature.



Turbo operation

Maximum cooling/heating time reduction.



Low sound level

Thanks to the Silence Mode and its new design, the sound level decrease up to a minimum of 22 dB (MUPR-09-H7)



Temperature compensation

The new remote control allows to adjust compensation temperature for the heating mode.



Different speeds of the external fan

Accurate adjustment of fan speed thanks to fan DC.



Less screws

Not only the indoor unit but also the outdoor unit have less screws, so the disassembly is going to be easier.



Cooling in low temperatures

Operation in cooling 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 mode is only 1W.



Refrigerant leak detection

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



Setpoint temperatures 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.



Multi-speed indoor fan

Up to 12 levels of fan speed automatically adjusted if the automatic ventilation is activated.



Feet in U form

Thanks to the new back feet in the outdoor unit installation is easier (except MUPR-18-H7).



More silent 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 working temperature range

Cooling operation until 50° C and in heating until -15° C

DATA SHEET

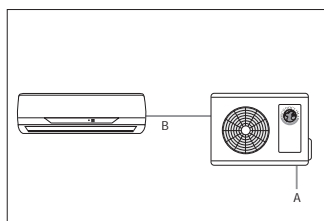
MANUALS, CATALOGUES AND TECHNICAL BROCHURE AVAILABLE IN OUR WEBSITE

MODEL			MUPR-09-H7	MUPR-12-H7	MUPR-18-H7	MUPR-24-H7	
Code			CL20035	CL20036	CL20037	CL20038	
Cooling	Rated capacity (min. ~ max.)	kW	2.63 (1.20 - 3.42)	3.51 (1.40 - 4.57)	5.27 (1.96 - 6.21)	7.32 (3.04 - 8.44)	
	Rated consumption (min. - max.)	kW	0.77 (0.10 - 1.32)	1.25 (0.11 - 1.74)	1.50 (0.15 - 2.22)	2.26 (0.23 - 3.01)	
	Pdesignc	kW	2.6	3.5	5.3	7.3	
	SEER	W/W	6.8	6.5	7.1	6.9	
Energy labelling			A++	A++	A++	A++	
Heating	Rated capacity (min. ~ max.)	kW	2.93 (0.82 - 3.86)	4.10 (0.87 - 5.12)	5.56 (1.28 - 6.97)	7.61 (2.08 - 9.43)	
	Rated consumption (min. - max.)	kW	0.78 (0.14 - 1.38)	1.17 (0.15 - 1.83)	1.39 (0.22 - 2.33)	2.11 (0.33 - 3.15)	
	Intermediate climate zone	Pdesignh	kW	2.4	2.5	4.2	5.6
		SCOP	W/W	4.0	4.0	4.0	4.0
		Energy labelling		A+	A+	A+	A+
	Warm climate zone	Tbiv	°C	-7	-7	-6	-7
		Pdesignh	kW	3.0	3.2	4.5	7.0
		SCOP	W/W	5.1	5.2	5.1	5.1
		Energy labelling		A+++	A+++	A+++	A+++
Tbiv	°C	2	2	2	2		
Tol (Limited operating temperature)		°C	-15	-15	-15	-15	
Power supply		V-Hz-Ph	220-240V~ 50Hz, 1Ph				
Max. consumption		kW	2.075	2.2	2.55	3.6	
Max. current		A	9.5	10	11.5	16	
Indoor unit	Air flow rate (High /Medium /Low)	m³/h	486 / 433 / 329	550 / 490 / 360	810 / 720 / 550	1050 / 970 / 650	
	Sound pressure (High / Medium/ Low/	dB(A)	41 / 34 / 29 / 22	41 / 37 / 30 / 23	45 / 41 / 33 / 24	46 / 44 / 35 / 27	
	Sound power (High)	dB(A)	53	54	57	59	
	Dimensions (W x H x D)	mm	717 x 302 x 193	805 x 302 x 193	964 x 325 x 222	1106 x 342 x 232	
	Weight	kg	7.5	8.2	10.8	14.3	
Outdoor unit	Air flow rate (max.)	m³/h	2000	2000	2100	2700	
	Sound pressure (High)	dB(A)	55	55	57	59	
	Sound power (High)	dB(A)	58	60	60	65	
	Dimensions (W x H x D)	mm	770 x 555 x 300	770 x 555 x 300	800 x 554 x 333	845 x 702 x 363	
	Weight	kg	26.4	26.5	37	48	
Refrigerant	Type		R32	R32	R32	R32	
	Load	kg	0.7	0.8	1.25	1.6	
	Preloading until	m	5	5	5	5	
	Additional load (from 5 m)	g/m	12	12	12	24	
Connection pipes	Liquid	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø9.52 (3/8")	
	Gas	mm	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø15.9 (5/8")	
	Max. Length	m	25	25	30	50	
	Max. Drop Height	m	10	10	20	25	
Electrical power wiring	Supply (outdoor unit)	mm²	2 x 2.5 + T	2 x 2.5 + T	2 x 2.5 + T	2 x 4 + T	
	Interconnection	mm²	4 x 2.5 + T	4 x 2.5 + T	4 x 2.5 + T	4 x 4 + T	
Wireless remote control			RG57	RG57	RG57	RG57	
Operating temperature	Indoor (Cooling / Heating)	°C	17~32 / 0~30	17~32 / 0~30	17~32 / 0~30	17~32 / 0~30	
	Outdoor (Cooling / Heating)	°C	-15~50 / -15~30	-15~50 / -15~30	-15~50 / -15~30	-15~50 / -15~30	

- Warning:** 1. Data and specifications are subject to changes without previous notice.
2. The values of noise level match with values obtained in the anechoic chamber.

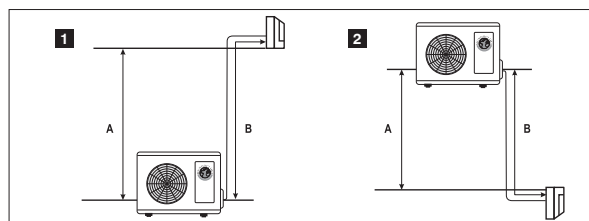
ELECTRICAL INSTALLATION

Model	Electrical wiring (A)	Interconnection wiring (B)
MUPR-09-H7	2x2.5+T	4x2.5+T
MUPR-12-H7	2x2.5+T	4x2.5+T
MUPR-18-H7	2x2.5+T	4x2.5+T
MUPR-24-H7	2x4+T	4x4+T



REFRIGERATION INSTALLATION

Model	Pipe		Max. Length (B)	Max. drop height (A)	Preloading until (m)	Additional charge (g/m)
	Liqu.	Gas				
MUPR-09-H7	1/4"	3/8"	25	10	5	12
MUPR-12-H7	1/4"	3/8"	25	10	5	12
MUPR-18-H7	1/4"	1/2"	30	20	5	12
MUPR-24-H7	3/8"	5/8"	50	25	5	24



*In case 2 (outdoor unit higher) for slopes higher than 5~7 m it is recommended to install an oil trap in the gas pipe every 5~7 m.

OPTIONALS

Description	Code	
WIFI MODULE	CL94382	
Wired wall control (KJR-12B)	CL92905	
Multi-function module adds: - Remote signal ON / OFF - Alarm remote signal - Connection of wired control with weekly programmer (KJR-120C) - Centralized controller connection CCM	CL94383	
Wired control week schedule (KJR-120C)*	CL94384	
Centralized controller*	CCM03/E(M)	CL92911
	CCM30/BKE-B	CL92871

*For connection it is necessary the Multi-function Module.