

# 1x1 INVERTER WALL SPLIT

## MUPR-H9A Series

**NEW!**

YKR-H/102E  
Included  
(CL 93 165)

**SCOP  
A+****SEER  
A++****R32****Follow Me Function (iFeel)**

The remote control incorporates an ambient 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.

**Quieter outdoor unit**

Optimized design of air outlet grille.

**Wide working temperature range**

Cooling operation until 43°C and in heating up to -10°C.

**Sleep mode**

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

**Daily timer**

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

**WIFI**

Possibility that the unit is controlled via WIFI, through its own module and mobile APP.

**Energy labelling for cooling A++****Energy labelling for heating A+****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.

**R32**

Unit that uses more environmentally friendly refrigerant: R32.

**Reminder cleaning filter**

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

**Pipe compatibility**

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

**Digital display LED**

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

**Self-cleaning (iCLEAN)**

This function performs a self cleaning on the indoor unit. When the "SELF-CLEANING" function is activated (SelfClean or iClean buttons), the unit initially operates in cooling mode with the fan at low speed, during this period the condensation 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 inside of the unit. Finally the unit switches to ventilation mode to finish drying completely.

**Low voltage start**

The equipment can start and run normally up to a supply voltage of 165 V.

**PROBLEM SOLVING**

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

**Different speeds of the external fan**

Accurate adjustment of fan speed thanks to DC fan.

## 1x1 WALL SPLIT INVERTER H9A

Model			MUPR-09-H9A	MUPR-12-H9A	MUPR-18-H9A	MUPR-24-H9A		
Code			CL20041	CL20042	CL20043	CL20044		
Cooling	Rated capacity (min. ~ max.)		kW	2.60 (0.5 – 2.9)	3.5 (0.8 – 3.5)	5.27 (1.3 – 5.4)	7.03 (2.0 – 7.6)	
	Rated consumption (min. - max.)		kW	0.8 (0.085 – 1.0)	1.09 (0.086 – 1.6)	1.65 (0.2 – 2.0)	2.20 (0.3 – 2.9)	
	Pdesignnc		kW	2.6	3.2	5.3	6.7	
	SEER		W/W	6.15	6.10	6.57	6.89	
	Energy labeling			A++	A++	A++	A++	
Annual electricity consumption		kWh/year	149	184	283	341		
Heating	Rated capacity (min. ~ max.)		kW	2.80 (0.5 – 3.1)	3.5 (1.0 – 3.6)	5.37 (1.4 – 6.1)	7.05 (2.5 – 8.0)	
	Rated consumption (min. - max.)		kW	0.75 (0.11 – 1.4)	0.97 (0.188 – 1.6)	1.49 (0.35 – 2.2)	1.96 (0.35 – 3.0)	
	Intermediate climate zone	Pdesignnh	kW	2.2	2.4	4.4	5.7	
		SCOP	W/W	4.10	4.07	4.02	4.11	
		Energy labeling			A+	A+	A+	A+
		Annual electricity consumption		kWh/year	752	826	1535	1940
		Tbiv		°C	-7	-7	-7	-7
	Warm climate zone	Pdesignnh	kW	2.4	2.7	5.5	7.0	
		SCOP	W/W	5.08	4.82	5.40	5.25	
		Energy labeling			A++	A++	A+++	A+++
		Annual electricity consumption		kWh/year	663	784	1426	1867
		Tbiv		°C	2	2	2	2
Tol		°C	-10	-10	-10	-10		
Power supply		V-Hz-Ph	220-240V~ 50Hz, 1N					
Max. consumption		kW	1.5	1.9	2.9	3.7		
Max. current		A	8	9.5	12	16		
Indoor unit	Air flow rate (Turbo / High / Medium / Low)		m³/h	600 / 500 / 450 / 405	600 / 500 / 450 / 405	850 / 818 / 740 / 666	1150 / 1090 / 990 / 890	
	Sound pressure (Turbo / High / Medium / Low)		dB(A)	42 / 37 / 33 / 27	42 / 37 / 33 / 27	48 / 43 / 38 / 32	50 / 45 / 40 / 34	
	Sound power (High)		dB(A)	57	53	57	60	
	Dimensions (W x H x D)		mm	750 x 285 x 200	750 x 285 x 200	900 x 311 x 225	1082 x 330 x 233	
	Weight		kg	7.5	8	12	15	
Outdoor unit	Air flow rate (max.)		m³/h	2000	2000	2150	3000	
	Sound pressure (High)		dB(A)	52	52	54	55	
	Sound power (High)		dB(A)	61	59	61	64	
	Dimensions (W x H x D)		mm	723 x 546 x 260	723 x 546 x 260	805 x 546 x 315	895 x 700 x 350	
	Weight		kg	25	25	35	45	
Refrigerant	Type / PCA			R32 / 675	R32 / 675	R32 / 675	R32 / 675	
	Load		kg / TCO <sub>2</sub> eq	0.53 / 0.357	0.60 / 0.405	1.28 / 0.864	1.44 / 0.972	
	Preload until		m	5	5	5	5	
	Additional load (from 5 m)		g/m	16	16	24	24	
Connection pipes	Liquid		mm(inch)	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø9.52 (3/8")	
	Gas		mm(inch)	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø15.9 (5/8")	
	Max. Length		m	20	20	25	25	
	Max. Drop Height		m	10	10	15	15	
Electrical 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			H Series					
Operation temperature	Indoor (Cooling / Heating)		°C	18 ~ 32 / 0 ~ 27				
	Outdoor (Cooling / Heating)		°C	-10 ~ 43 / -7 ~ 24				

Warning:

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

### ELECTRICAL INSTALLATION

Model	Electrical wiring (A)	Interconnection wiring (B)
MUPR-09-H9A	2 x 2.5 + T	4 x 2.5 + T
MUPR-12-H9A	2 x 2.5 + T	4 x 2.5 + T
MUPR-18-H9A	2 x 2.5 + T	4 x 2.5 + T
MUPR-24-H9A	2 x 4 + T	4 x 4 + T

### COOLING INSTALLATION AND ADDITIONAL LOAD (R-32)

Model	Pipe		Max. Length (B)	Max. slope (A)	Preload until (m)	Additional charge (g/m)
	Liquid	Gas				
MUPR-09-H9A	1/4"	3/8"	20	10	5	16
MUPR-12-H9A	1/4"	3/8"	20	10	5	16
MUPR-18-H9A	1/4"	1/2"	25	15	5	24
MUPR-24-H9A	3/8"	5/8"	25	15	5	24

