

1x1 INVERTER WALL SPLIT MUPR-H9A Series

MUNDOCLIMA®
SUPER DC INVERTER

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.

OPTIONALS

More information of the optionals in "MUNDOCLIMA CONTROL SYSTEMS"

BMS



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

WIFI



K-380EW
(CO 14 907)

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)	
	Pdesignc	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	Pdesignh	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
	Warm climate zone	Tbiv	°C	-7	-7	-7	-7
		Pdesignh	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 ₂ 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

