

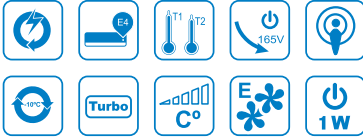
1x1 INVERTER WALL SPLIT

MUPR-H5A Series

MUNDCLIMA®
SUPER DC INVERTER

**SCOP
A+**

**SEER
A++**



SPECIFICATIONS

Model			MUPR-09-H5A	MUPR-12-H5A	MUPR-18-H5A	MUPR-24-H5A*	
Code			CL20025	CL20026	CL20027	CL20028	
Cooling	Rated capacity (min. ~ max.)	kW	2.5 (1.0 - 2.8)	3.5 (1.1 - 3.7)	5,1 (1,3 - 5,4)	7,1 (2,0 - 7,6)	
	Rated consumption (min. - max.)	kW	0.78 (0.085 - 1.0)	1.093 (0.086 - 1.6)	1,58 (0,2-2,0)	2,20 (0,3-2,9)	
	Pdesignnc	kW	2.5	3.5	5,1	6,8	
	SEER	W/W	6.30	6.43	6,18	6,33	
	Energy labeling		A++	A++	A++	A++	
Heating	Rated capacity (min. ~ max.)	kW	2.6 (0.69 - 2.9)	3.5 (1.1 - 3.8)	5,3 (1,4 - 6,1)	7,3 (2,5 - 8,0)	
	Rated consumption (min. - max.)	kW	0.72 (0.11 - 1.4)	0.97 (0.188 - 1.6)	1,47 (0,35 - 2,2)	2,02 (0,35 - 3,0)	
	Intermediate climate zone	Pdesignnh	kW	2.4	3.5	4,7	5,6
		SCOP	W/W	4.10	4.07	4,08	4,10
		Energy labeling		A+	A+	A+	A+
	Tbiv	°C	2	2	2	2	
Tol (Limited operating temperature)	°C	-10	-10	-10	-10		
Power supply	V-Hz-Ph	220-240V~ 50Hz, 1Ph					
Max. consumption	kW	1.5	1.9	2,8	3,2		
Max. current	A	8	9.5	11	16		
Indoor unit	Air flow rate (Turbo/High/Medium/Low)	m³/h	550/500/450/405	550/500/450/405	900/818/740/666	1250/1090/990/890	
	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)	51	53	59	64	
	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	8	8.5	12	16	
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)	57	60	62	66	
	Dimensions (W x H x D)	mm	730 x 545 x 285	730 x 545 x 285	800 x 545 x 315	900 x 700 x 350	
	Weight	kg	27	27	35	46	
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Load	kg	0.78	0.78	1,4	1,6	
	Preloading until	m	5	5	5	5	
	Additional load (from 5 m)	g/m	20	25	30	40	
Connection pipes	Liquid	mm (inches)	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6,35 (1/4")	Ø9,52 (3/8")	
	Gas	mm (inches)	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 (indoor unit)	mm²	2 x 2.5 + T	2 x 2.5 + T	2 x 2,5 + T	2 x 4 + T	
	Interconnection	mm²	3 x 2.5 + T	3 x 2.5 + T	3 x 2,5 + T	3 x 4 + T	
Wireless remote control			H Series	H Series	H Series	H Series	
Operation temperature	Indoor (Cooling / Heating)	°C	18 ~ 32 / 0 ~ 30	18 ~ 32 / 0 ~ 30	18 ~ 32 / 0 ~ 30	18 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)	°C	-10 ~ 47 / -10 ~ 30	-10 ~ 47 / -10 ~ 30	-10 ~ 47 / -10 ~ 30	-10 ~ 47 / -10 ~ 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.

1x1 WALL SPLIT INVERTER H5A



Automatic restart

Recovery of the adjustments before the electrical cut.



Cooling in low temperatures

Operation in cooling up to -10 °C outdoor temp.



Emergency operation

Possibility of unit operation with the manual button in case of activation of some alarms.



Turbo operation

Maximum cooling/heating time reduction.



Cold air protection

In heating, the initial fan speed is adjusted in accordance with the coil temperature.



Wide working temperature range

Cooling operation until 47 °C and in heating until -10 °C.



Low voltage start

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



Different speeds of the external fan

Accurate adjustment of fan speed thanks to fan DC.



Follow Me Function (iFeel)

The wireless remote control incorporates a temperature sensor. The unit automatically selects the operating mode in order to achieve greater control and comfort in temperature.

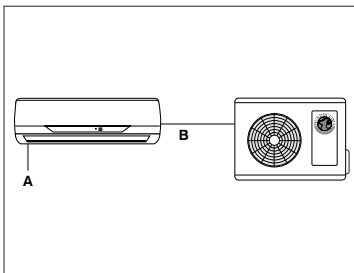


Standby Function (only 1W in standby)

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.

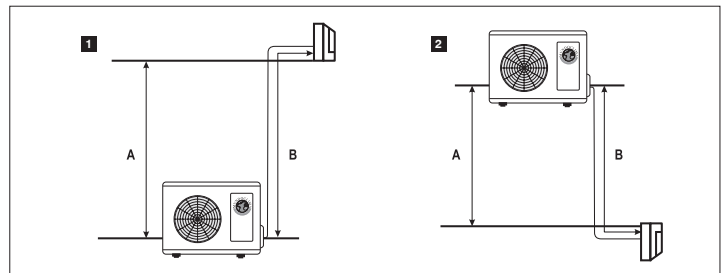
ELECTRICAL INSTALLATION

Model	Wiring Power supply (A)	Wiring Interconnection (B)
MUPR-09-H5A	2 x 2.5 + T	3 x 2.5 + T
MUPR-12-H5A	2 x 2.5 + T	3 x 2.5 + T
MUPR-18-H5A	2 x 2.5 + T	3 x 2.5 + T
MUPR-24-H5A	2 x 4 + T	3 x 4 + T



REFRIGERATING INSTALLATION

Model	Pipe		Length Maximal (B)	Slope Maximum (A)	Preload until (m)	Additional charge (g/m)
	Liquid	Gas				
MUPR-09-H5A	1/4"	3/8"	20	10	5	20
MUPR-12-H5A	1/4"	3/8"	20	10	5	25
MUPR-18-H5A	1/4"	1/2"	25	15	5	30
MUPR-24-H5A	3/8"	5/8"	25	15	5	40



* 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 5~7m.