

20 1x1 INVERTER WALL SPLIT

MUPR-H4 Series

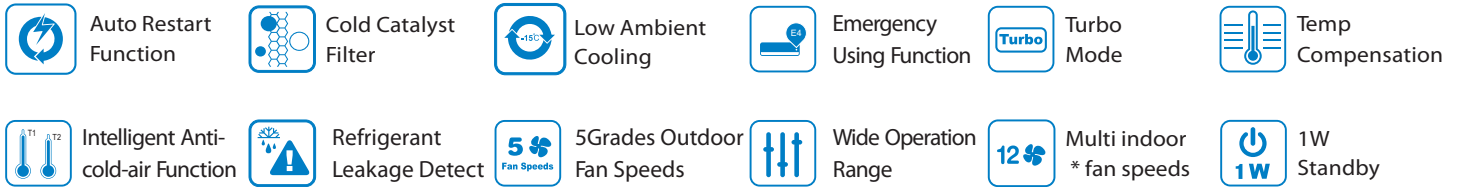
MUNDOCLIMA®

SCOP
3.8

**SUPER DC
INVERTER**

ENERGETIC EFFICIENCY CLASS "A"

- **TURBO MODE:** With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.
- **SLEEP MODE:** This function enables the unit to automatically increase (cooling) or decrease (heating) 1°C per hour for the first two hours, then hold steady for the next 5 hours, after that the unit will stop operation. It can maintain the optimal temperature and save energy.



TECHNICAL INFORMATION:

MODEL		MUPR-09-H4	MUPR-12-H4	MUPR-18-H4	MUPR-24-H4
Code		CL 20 805	CL 20 806	CL 20 807	CL 20 808
CAPACITY					
Cooling (pdesignc)	kW	2.6	3.5	5.1	6.4
	Btu/h	9000	12000	17500	22016
Heating (pdesignh)	kW	2.9	3.4	5.2	7.1
	Btu/h	9600	11601	17800	24400
Cooling consumption	W	822 (144-1240)	1090 (139-1650)	1593 (157-2270)	2080 (204-2730)
Heating consumption	W	794 (175-1230)	1015 (177-1620)	1455 (191-2220)	2055 (293-3090)
PERFORMANCE					
SEER	W/W	5.6	5.6	6.1	5.9
Energy efficiency rate	Cooling	A+	A+	A++	A+
SCOP	W/W	3.8	3.8	3.8	3.8
Energy efficiency rate	Heating	A	A	A	A
Tbivalent	°C	-7	-7	-6	-7
Tol	°C	-15	-15	-15	-15
Indoor air flow volume (Hi/Mi/Lo)	m ³ /h	650/560/450	650/560/450	750/550/480	1100/970/800
Outdoor air flow volume	m ³ /h	1800	1800	2200	2700
Indoor sound pressure (Hi/Mi/Lo)	dB(A)	40/38/31	43/39/31	44/34/32	50/47/40
Outdoor sound pressure (Hi)	dB(A)	56	56	59	60
Indoor sound power (Hi)	dB(A)	55	56	56	63
Outdoor sound power (Hi)	dB(A)	63	63	65	67
DIMENSIONS, WEIGHT AND PIPE SIZE					
Net dimensions (AnxAxF)	Interior (mm)	800x188x275	800x188x275	940x205x275	1045x235x315
	Exterior (mm)	780x250x540	780x250x540	760x285x590	845x320x700
Net weight (Kg)	Interior	7.5	7.5	9	12.5
	Exterior	28	28	34.5	47

Remarks: 1. The design and technical information described above are subject to change without prior notice.
2. The noise level data reflects the level as measured in an anechoic chamber.



Auto Restart

If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.



Emergency Using Function

When temperature sensor error happens, the air conditioner will display error code and stop immediately.



Intelligent Anti-cold-air Function

When starting the heating operation, the fan speed is regulated automatically from the lowest grade to the preset level, according to the temperature rising of evaporator. This function can prevent cold air blowing out at the beginning of the operation, which avoids the discomfort to the user.



Wide Operation Range

Up to 25 stages (F1~F25) of compressor frequency, and frequency range increased around 70%. More comfortable and energy saving due to smooth and accurate control. With advanced frequency-adjusting technology, compressor preheating function and the electrical heating belts, the unit can operate heating as low as -20°C.



Cold Catalyst Filter

Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.



Turbo Operation

With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.



Refrigerant Leakage Detect

With this new technology, the indoor unit will alarm when the outdoor unit detects a condition of refrigerant leakage.



Multi indoor fan speeds

With up to 12 indoor fan speeds, a more comfortable air flow is provided.



Low Ambient Cooling

The air conditioner with a special built-in Low Ambient Kit can be used in temperature as low as -15°C for cooling operation.



Temperature Compensation

Based on different installation height of indoor unit, the temperature deviation of the sensor sensed against the jumping wires combination on the indoor PCB is possible to compensate the deviation.



5 Grades Outdoor Fan Speeds

Due to the DC fan motor, outdoor fan speeds increased from 2 grades to 5 grades, more comfortable and energy saving.



1W Standby

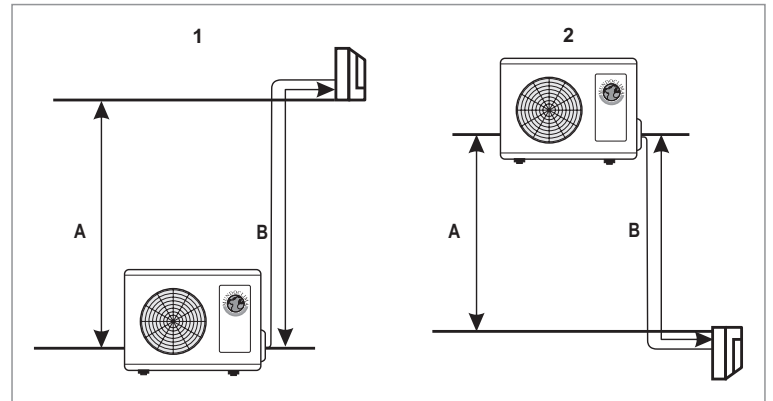
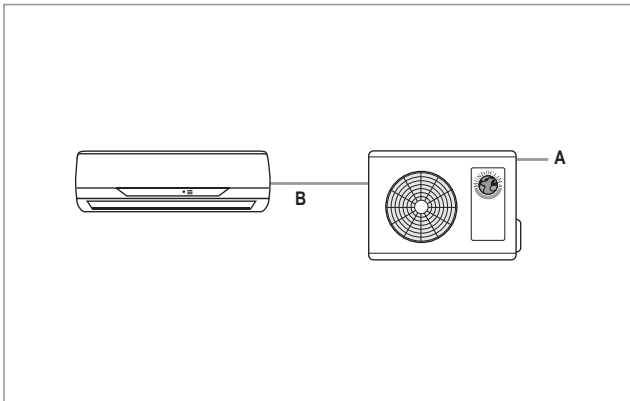
Intelligent on-off technology enables Midea products automatically enter energy-saving mode when standby, cut energy consumption from normal 4-5W to 1W which counts 80% of saving.

ELECTRIC INSTALLATION

Model	Power supply cord (A)	Interconnexion cord (B)
MUPR-09-H4	2 x 2.5 + T	4 x 2.5 + T
MUPR-12-H4	2 x 2.5 + T	4 x 2.5 + T
MUPR-18-H4	2 x 4 + T	4 x 4 + T
MUPR-24-H4	2 x 4 + T	4 x 4 + T

COOLING INSTALLATION

Model	Tube		Max. length (B)	Max. height diff. (A)	Precharge (m)	Addit. charge (g/m)
	Liquid	Gas				
MUPR-09-H4	1/4"	3/8"	25	10	5	15
MUPR-12-H4	1/4"	3/8"	25	10	5	15
MUPR-18-H4	1/4"	1/2"	30	20	5	15
MUPR-24-H4	3/8"	5/8"	30	20	5	30



* In case 2 (outdoor unit installed at a higher point) and height differences over 5~7 m it is necessary to install an oil trap in the tube.