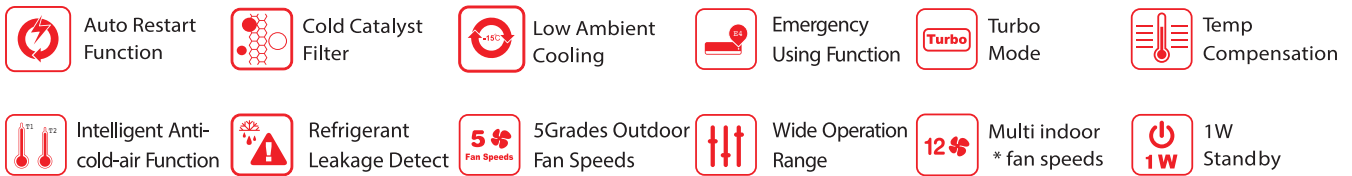


- **TURBO MODE:** With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.
- **SLEEP MODE:** This function enables the unit to automatically increase (cooling) 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.



**SUPER DC
INVERTER**



TECHNICAL INFORMATION

Model			MBCX2L12	MBCX2L18	MBCX2L24
CAPACITY & PERFORMANCE					
Capacity		W	3700(1050~4500)	5500(1800~6500)	6900(1500~8000)
		Btu/h	12000	18000	24000
SEER		W/W	6.1	6.1	6.1
SCOP		W/W	5.1	5.1	5.1
Energy Class		W/W	A+++	A+++	A+++
POWER SUPPLY					
Voltage Range		VAC	165~265	165~265	165~265
Operating Current	Cooling	A	4.9(1.3~6.1)	7.6(2.3~9.6)	9.5(1.7~13.5)
	Heating	A	4.9(1.3~7.8)	7.5(2.3~10.8)	8.5(1.5~15.5)
Power Consumption	Cooling	W	1020(290~1330)	1660(500~2100)	2100(350~2800)
	Heating	W	940(290~1700)	1630(500~2350)	1850(300~3200)
FAN SYSTEM					
Indoor air flow volume (cool/heat)		m3/h	650/650	800/850	1100/1200
Outdoor air flow volume		m3/h	2000	2400	3200
Indoor noise pressure (Hi/Me/Lo)		dB(A)	33/36/40	37/44/47	42/45/49
Outdoor noise pressure (Hi/Me/Lo)		dB(A)	54/58/62	54/58/65	62/66/68
CONNECTIONS					
Connecting Pipe	Gas	inch	3/8"	1/2"	5/8"
	Liquid	inch	1/4"	1/4"	1/4"
DIMENSIONS, WEIGHT AND PIPE SIZE					
Net dimensions (WxHxD)		Interior (mm)	800x280x185	900x280x202	1033x313x202
		Exterior (mm)	760x552x256	780x605x290	902x315x650
Net weight (Kg)		Interior	10	11	14
		Exterior	32	40.5	50

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.

**SUPER DC
INVERTER**



Auto Restart

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



Emergency Function

When temperature sensor error happens, the air conditioner will display on 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



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

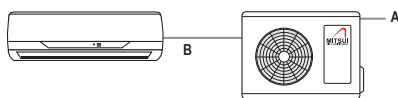


1W Standby

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.

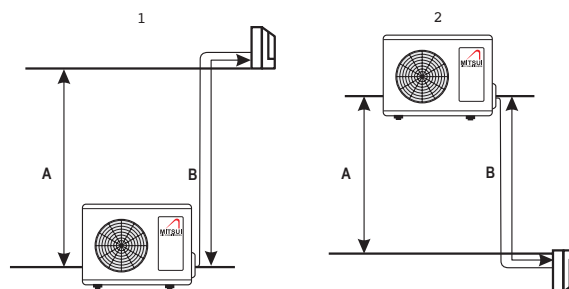
ELECTRIC INSTALLATION

MODEL	Power supply cord (A)	Interconnection cord (B)
MBCX2L12	2 x 2.5 + T	4 x 2.5 + T
MBCX2L18	2 x 4 + T	4 x 4 + T
MBCX2L24	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				
MBCX2L12	1/4"	3/8"	25	10	5	15
MBCX2L18	1/4"	1/2"	30	20	5	15
MBCX2L24	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.