



Residential Air Conditioner Division
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The noise level data reflects the level in anechoic chamber.
Specifications subject to change without notice.

Distributed by:

European Union
ENERGY RELATED PRODUCTS
2016 RESIDENTIAL AIR CONDITIONER

Product Superiority

Manufacture Strength ▶

Owning 6 domestic and 5 oversea manufacturing bases, Midea has full range RAC products with the annual production capacity over 33 million sets, while equipped with China's largest and most advanced CKD&SKD production line.



RAC products line up

Quality Assurance ▶

With strict product life cycle management, leading testing equipment and after service system, Midea honors its reputation on quality control efforts.



R&D Superiority

R&D Institute ▶

The total investment has reached 400 RMB million, where the R&D equipment accounts for 200 RMB million. The research institute encompasses an area of 40,000 square meters, among which the laboratories occupy 28,370 square meters (89 laboratories in total).



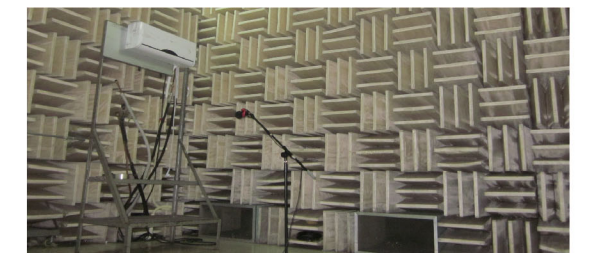
R&D Team ▶

Midea RAC R&D team has 1,138 core members, including 11 foreign experts and 25 Chinese local PHDs. They make breakthroughs in new refrigerant research, smart control technology and other air solution new technologies with 5,976 patents till end of 2014.



Technology Labs ▶

Midea RAC R & D center has 89 leading labs, including Midea & Toshiba-Carrier R410A DC inverter lab, Midea-Emerson digital scroll/scroll heating application lab etc.



Noise testing lab

Leading Technology

ECO Mode ▶

Midea new energy-saving AC applies innovative ECO Mode, giving you a 60% power saving and a comfortable sleep.



- 

0.1W makes energy saving 20~30 times of traditional AC.
- 

0.1Hz low frequency eliminates high frequency electromagnetic noise
- 

0.1Hz precise temperature control gives ultra comfortable indoor environment.

New Refrigerant R32/R290 ▶

By the end of 2014, Midea residential air conditioner have gotten CE, CB, SAA or CNEX certificates.

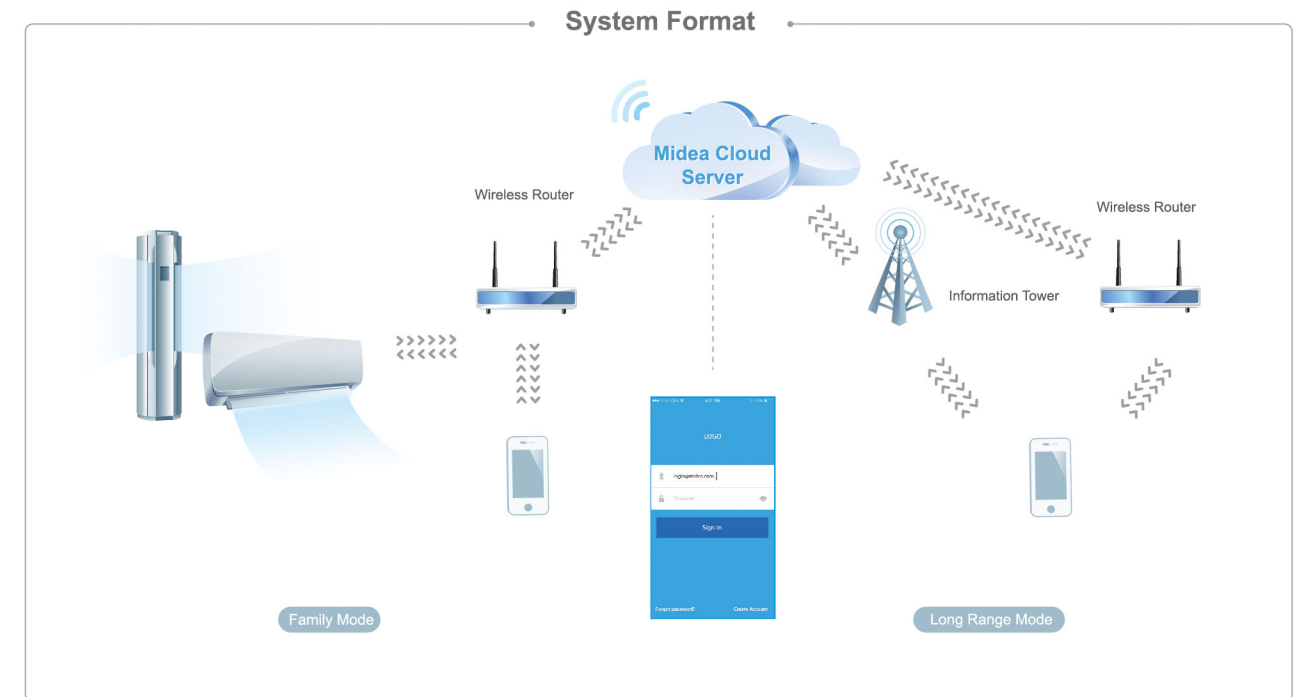


- Environmental Friendly**
 ODP=0, NO harm to the Ozone Layer.
 Low GWP and less charge make less greenhouse effect.
- Energy Saving**
 Test result shows the energy efficiency of R32 and R290 system is up to 2%~9% higher than that R410A system.



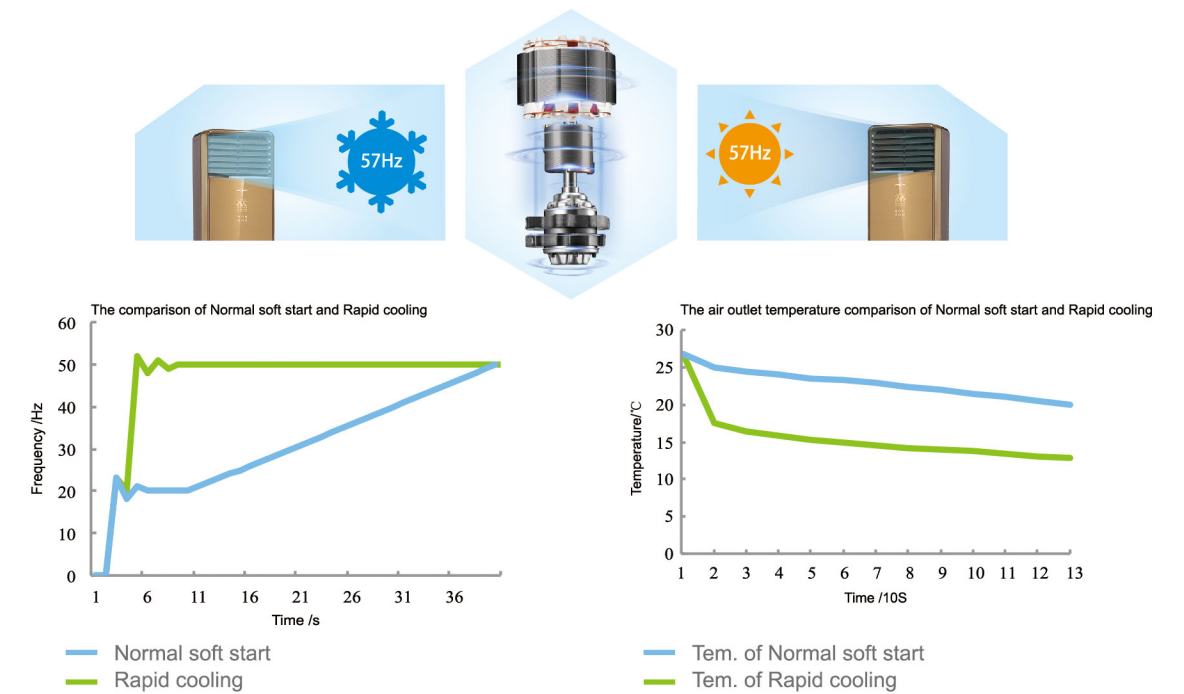
M-Smart Solution ▶

With the smart kits installed on your AC, you can control all the AC functions through voice or apps on mobile phones. M-smart not only focus on operate the AC, but also offer a healthy air care solution based on human/AC interactions.



Rapid Cooling and Heating ▶

Midea rapid cooling/heating technology improves initial operating frequency, offering instant cooling/heating environment in a few seconds.



*Source from Midea China base testing lab

Leading Technology

Tropical Compressor ▶

The Tropical Compressor is highly reliable, it can work under extreme conditions such as Sandstorm, 24-hour continuous operating, and high temperature that can reach up to 60 °C (under rated voltage, 230V/50Hz).

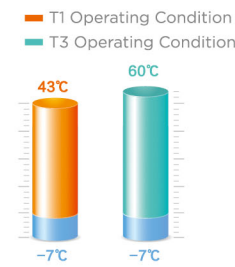
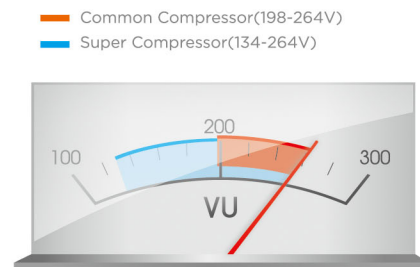


Lowest to 134V Operating

Suitable for unstable power supply areas.

Up to 60°C Running

Suitable for T3 operating condition.

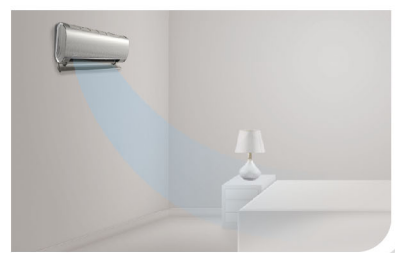


Auto Photosensitive Display ▶

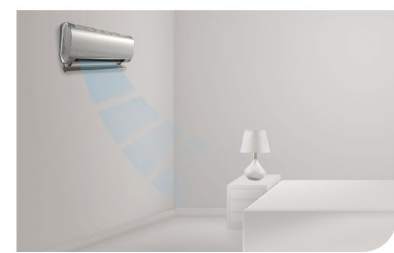
When room light is turned off, the display will be slowly dimmed after 5 seconds, and the airflow will be softened down accordingly, offering you a sound sleep.



Sensitive to the light intensity



Analyze room environment after light is turned off



Soften down airflow and dim the display

Green Fin (High Anti-corrosive) ▶

Suitable for Humid and Coastal Areas



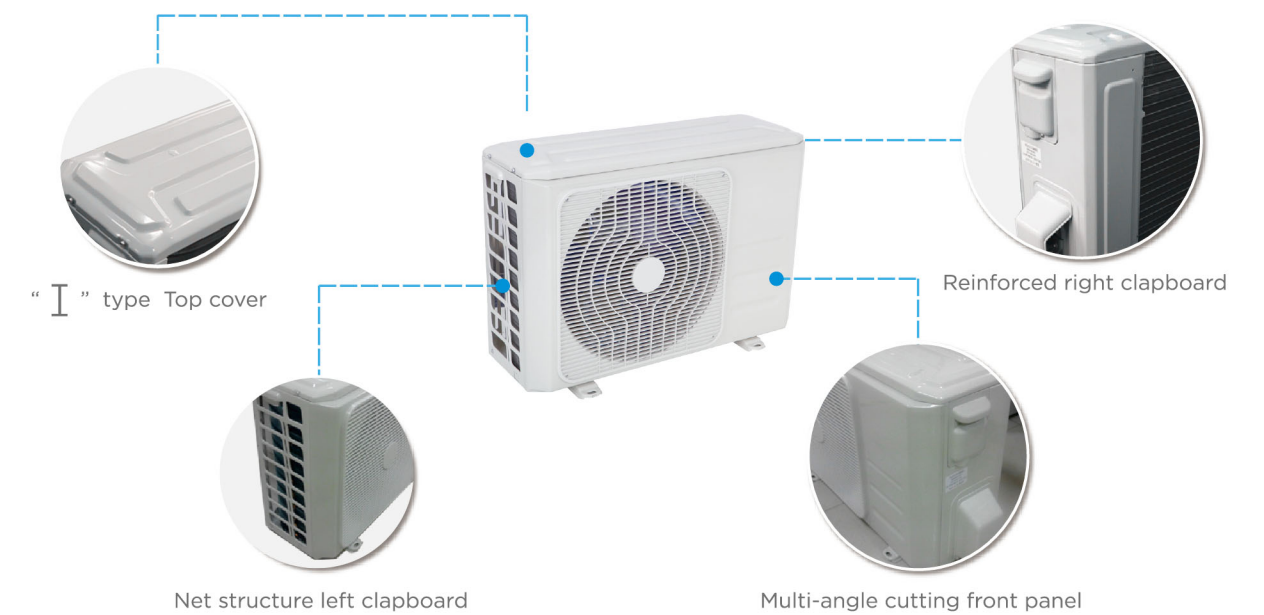
Excellent Anti-corrosive Performance

Under the same condition, anti-corrosive validity of green fin is 7.5 times longer than blue fin.






Midea New ODU Appearance - Multi-angle Cutting Structure ▶

Midea new multi-angle cutting structure ODU with uniquely designed reinforcing rib makes the outdoor unit more sturdy and durable. Air outlet grille can be disassembled individually, making the fan or fan motor maintenance become easy.









Line-up 2016








Solar Inverter

Series	Appearance	Type	SCOP	12000Btu/h	Page
Oasis		DC Inverter	4.0	●	P01-03
Compact Round Flow Cassette		DC Inverter	4.0	●	
Duct		DC Inverter	4.0	●	





Split

Series	Appearance	Type	SCOP	7000Btu/h	9000Btu/h	12000Btu/h	18000Btu/h	24000Btu/h	Page
Vertu Plus		DC Inverter	4.0	●	●	●	●	●	P04-06
Oasis		DC Inverter	5.1	●	●				P07-09
		DC Inverter	4.0	●	●	●	●	●	
Toscana		DC Inverter	4.0	●	●	●	●	●	P10-12
All Easy		DC Inverter	4.0	●	●	●	●	●	P13-15
Aurora		DC Inverter	4.0	●	●	●	●	●	P16-18
Forest		DC Inverter	4.0			●	●	●	P19-21





Light Commercial

Series	Appearance	Type	12000Btu/h	18000Btu/h	24000Btu/h	30000Btu/h	36000Btu/h	42000Btu/h	48000Btu/h	60000Btu/h	Page
Universal Outdoor Units		DC Inverter	●	●	●	●	●	●	●	●	P22
Compact Round Flow Cassette		DC Inverter	●	●							P23-25
Super Slim Round Flow Cassette		DC Inverter		●	●	●	●	●	●	●	P26-28
3rd Generation Ceiling & Floor		DC Inverter		●	●	●	●	●	●	●	P29-31
Console		DC Inverter	●	●							P32-34
Duct		DC Inverter	●	●	●	●	●	●	●	●	P35-38
GA Floor Standing		DC Inverter								●	P39-41






Free Match


Series	Appearance	Type	16000Btu/h	18000Btu/h	21000Btu/h	27000Btu/h	36000Btu/h	42000Btu/h	Page
1 Drive 2		DC Inverter	●	●					P41-49
1 Drive 3		DC Inverter			●	●			
1 Drive 4		DC Inverter				●	●		
1 Drive 5		DC Inverter						●	

Portable




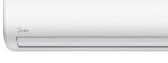

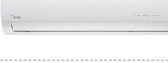



Series	Appearance	8000Btu/h	9000Btu/h	10000Btu/h	11000Btu/h	Page
PF			●	●	●	P50-51
PD R290			●	●	●	P52-53
PD			●	●	●	P52-53
PH		●	●			P54-55

Dehumidifier

Series	Appearance	8L/Day	10L/Day	12L/Day	16L/Day	20L/Day	30L/Day	40L/Day	50L/Day	Page
DP							●	●	●	P56-57
DG							●			P58-59
DF					●	●				P60-61
DT		●	●	●						P62-63
DE			●							P64-65

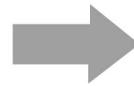
Series	Appearance	7000Btu/h	9000Btu/h	12000Btu/h	16000Btu/h	16000Btu/h	Page
E			●	●			P66-67

Features Overview

Products / Features	Reliability							Comfort	
	Refrigerant Leakage Detect	Self-cleaning	Low Ambient Cooling	Emergency Using	Chasis Heating Belt	Compressor Heating Belt	Error Alarm Port	Follow Me	
Vertu Plus Split 	✓	○	✓	✓	○	○	×	○	
Oasis Split 	✓	○	✓	✓	○	○	×	○	
Toscana Split 	✓	○	✓	✓	○	○	×	○	
All Easy Split 	✓	○	✓	✓	○	○	○	○	
Aurora Split 	✓	○	✓	✓	○	○	×	○	
Forest Split 	✓	○	✓	✓	○	○	×	○	
Compact Round Flow Cassette 	✓	○	✓	✓	○	○	✓	○	
Super Slim Round Flow Cassette 	✓	○	✓	✓	○	○	✓	○	
Ceiling & Floor 	✓	○	✓	✓	○	○	✓	○	
Console 	✓	○	✓	✓	○	○	×	○	
Duct 	✓	○	✓	✓	○	○	✓	○	

Comfort										Energy Saving			Convenience														Healthy		
3D Air Flow	Fast Cool/Heat Function	TURBO	Mute Operation	12 Grades Indoor Fan Speeds	5 Grades Outdoor Fan Speeds	Anti-cold Air Function	Temperature Compensation	8°C Heating	360° Air Flow Panel	ECO	1W Standby	Sleep Mode	Manual ON/OFF	Digital Display	Remote In Engineer Mode	Adjustable Static Pressure Switch	Front Desk Control	Wired Control	Central Control Management	WiFi Control	Mono & Multi Compatible	Lower Position Memory	Auto Restart Function	2-way Draining	Timer	Build-in Drain Pump	Easy Installation	Twin Combination	High Density Filter
○	×	✓	✓	✓	✓	✓	✓	○	×	✓	✓	✓	✓	✓	○	×	×	○	×	○	✓	✓	✓	✓	✓	×	×	×	✓
○	×	✓	×	✓	✓	✓	✓	○	×	×	✓	✓	✓	✓	○	×	×	○	×	○	✓	✓	✓	○	✓	×	×	×	○
○	✓	✓	✓	✓	✓	✓	✓	○	×	✓	✓	✓	✓	✓	○	×	○	○	○	○	✓	✓	✓	✓	✓	×	×	×	✓
○	×	✓	✓	✓	✓	✓	✓	○	×	✓	✓	✓	✓	✓	○	×	○	○	○	○	✓	✓	✓	✓	✓	×	✓	×	✓
○	×	✓	✓	✓	✓	✓	✓	○	×	✓	✓	✓	✓	✓	○	×	○	○	○	○	✓	✓	✓	✓	✓	×	×	×	✓
×	×	✓	×	×	×	✓	✓	○	✓	×	×	✓	×	×	○	×	✓	○	○	×	×	✓	✓	×	✓	✓	×	✓	×
×	×	✓	×	×	×	✓	✓	○	✓	×	×	✓	×	×	○	×	✓	○	○	×	×	✓	✓	✓	✓	○	×	✓	×
×	×	✓	×	×	×	✓	✓	○	×	×	×	✓	×	×	○	✓	✓	○	○	×	×	×	✓	✓	○	×	✓	×	×

Healthy				
 Plasma	 Fresh Air	 Ionizer	 Super Ionizer	 Healthy Filters
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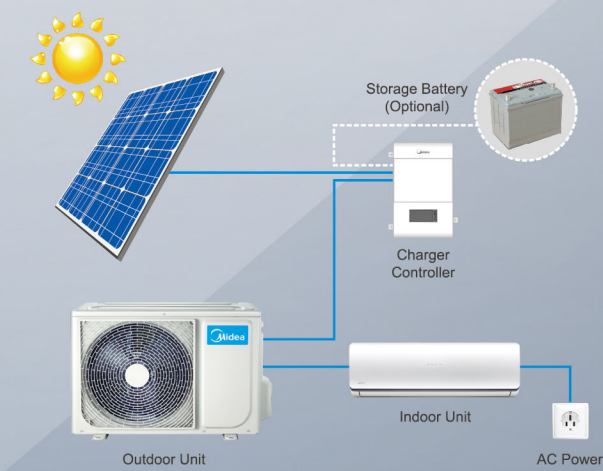
OUTSTANDING FEATURES

3rd Generation Solar AC



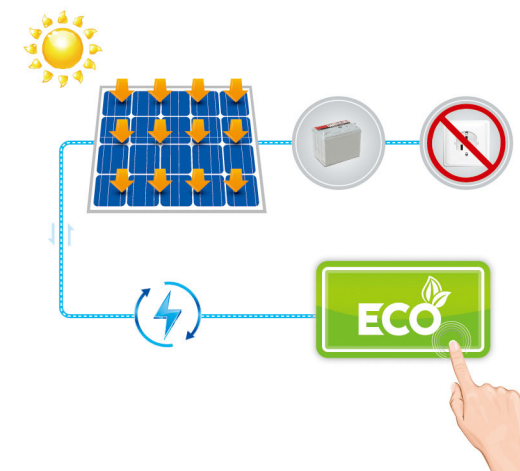
3rd Generation Solar AC

How it works ▶



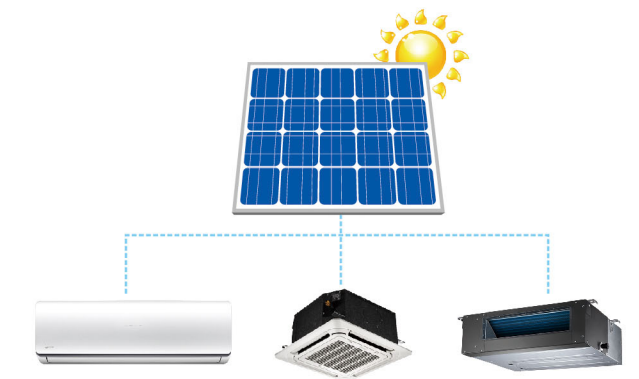
ECO Mode ▶

Press ECO mode to get fully solar energy.



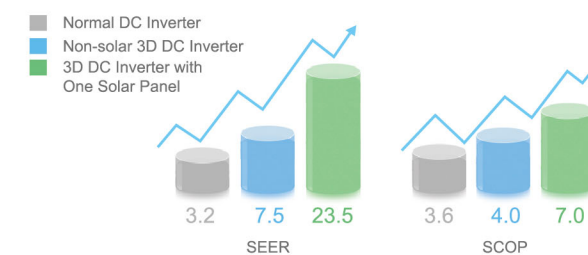
Multiple Choice for Indoor Units ▶

The indoor units are available in 3 types, split, cassette and duct, it meets the needs of residential and light commercial environment perfectly.



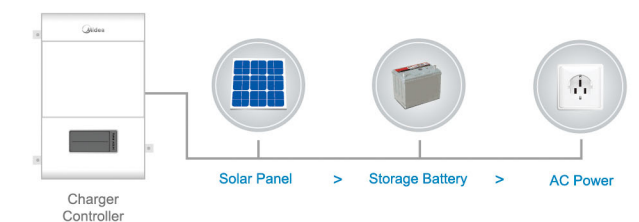
Energy Saving ▶

Energy efficiency of solar AC (with one solar panel) gets great improvement, its SEER is up to 23.5 and SCOP is 7.0.



Smart Controller ▶

Smart charger controller will give priority to use the power of solar panels, secondly to use the power in storage battery, at last to use the AC power, thus it minimizes energy consumption.



Solar AC

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MS11M-12HRFN1-QRD0GS MOZ-12HFN1-QRD0GS	MCA3U-12HRFN1-QRC8GS MOZ-12HFN1-QRD0GS	MTBU-12HRFN1-QRC8GS MOZ-12HFN1-QRD0GS
Performance					
Power Supply	V-, Hz, Ph		220-240,50,1	220-240,50,1	220-240,50,1
Inverter Type			3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	12000(3500-15600)	12000(3080-15700)	12000(3080-15100)
	Rated(Min-Max)	kW	3.5(1.0-4.6)	3.5(0.9-4.6)	3.5(0.9-4.4)
Heating Capacity	Rated(Min-Max)	Btu/h	14000(4500-18500)	14000(3250-18500)	13000(3250-17100)
	Rated(Min-Max)	kW	4.1(1.3-5.4)	4.1(1.0-5.4)	4.1(1.0-5.0)
SEER		W/W	6.8	5.8	5.1
Cooling Energy Rate			A++	A+	A
SCOP	Avg./Warm/Cold	W/W	4.0	4.0	3.8
Heating Energy Rate	Avg./Warm/Cold		A+	A+	A
Toi		°C	-15	-15	-15
Indoor Unit					
Air Flow Volume		m³/h	650/535/450	650/550/460	550/440/410
Sound Pressure Noise Level	H/M/L	dB(A)	42/36/30	47/42/37	36/33/30
Sound Power Noise Level	Hi	dB(A)	57	59	55
Net Dimension	Body	WxDxH(mm)	835x198x280	570x570x260	700x635x210
	Panel	WxDxH(mm)	-	647x647x50	-
Packing Dimension	Body	WxDxH(mm)	910x270x355	655x655x290	915x655x290
	Panel	WxDxH(mm)	-	715x715x123	-
Net / Gross Weight	Body	kg	8.7/11.2	16/19	18/22.8
	Panel	kg	-	2.5/4.5	-
Outdoor Unit					
Sound Pressure Noise Level	Hi	dB(A)	58	58	58
Sound Power Noise Level	Hi	dB(A)	64	64	64
Net Dimension	WxDxH	mm	810x310x558	810x310x558	810x310x558
Packing Dimension	WxDxH	mm	930x400x615	930x400x615	930x400x615
Net / Gross Weight		kg	38/42	38/42	38/42
Piping Size & Stuffing Quantity					
Piping Size	Liquid	Ømm(inch)	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas	Ømm(inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")
Applicable Area		m²	16-23	16-23	16-23
Stuffing Quantity	20'/40'/40'HQ	set	90/190/210	234/488/566	173/340/380

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.



Vertu Plus Split

Standard Features

- ECO
- Mute Operation
- Anti-cold Air Function
- Refrigerant Leakage Detect
- High Density Filter
- Manual ON/OFF
- 1W Standby
- 12 Grades Indoor Fan Speeds
- 5 Grades Outdoor Fan Speeds
- Low Ambient Cooling
- Emergency Using
- Mono & Multi Compatible

Optional Features

- Remote In Engineer Mode
- Follow Me
- 8°C Heating
- Super Ionizer
- WiFi Control
- Wired Control



OUTSTANDING FEATURES

Vertu Plus Split

V Design ▶

Midea VP with unique V design, light turns blue in cooling mode while turning orange in heating mode.



Auto Photosensitive Display & Sound ▶

When room light is turned off, the display will slowly darken after 5s, slow down the fan speed, and the buzzer turns off. It will back to normal after the light is turned on.



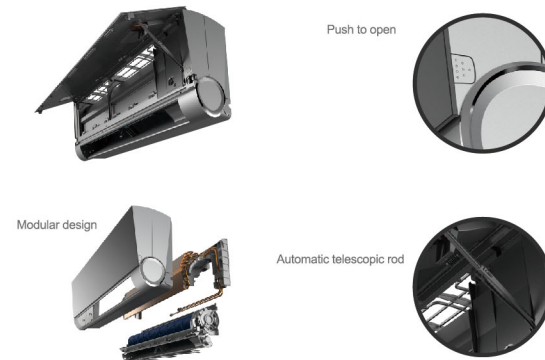
Forest Wind ▶

With more comfortable and quiet design, Vertu Plus brings you super ionizer just like walking into the forest.



Easy Clean ▶

Unique design, easy to disassemble and clean.



Vertu Plus Split

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSVPAU-09HRFN1-QRDOGW MOBA31-09HFN1-QRDOGW	MSVPBU-12HRFN1-QRDOGW MOB31-12HFN1-QRDOGW
Performance			
Power Supply	V-, Hz, Ph	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	9000(4200-11300)	12000(4600-15200)
	Rated(Min-Max) kW	2.6(1.2-3.3)	3.5(1.3-4.5)
Heating Capacity	Rated(Min-Max) Btu/h	10000(3000-12800)	13000(3500-16600)
	Rated(Min-Max) kW	3.0(0.9-3.8)	3.8(1.0-4.9)
SEER	W/W	7.2	6.7
Cooling Energy Rate		A++	A++
SCOP	Avg./Warm/Cold W/W	4.0/5.1/3.2	4.0/5.1/3.2
Heating Energy Rate	Avg./Warm/Cold	A++/A+++/B	A++/A+++/B
Tol	°C	-15	-15
Indoor Unit			
Air Flow Volume	m³/h	400/330/250	500/360/270
Sound Pressure Noise Level	H/M/L dB(A)	34/28/23	37/29/23
Sound Power Noise Level	Hi dB(A)	49	50
Net Dimension	WxDxH mm	897x180x312	897x180x312
Packing Dimension	WxDxH mm	985x260x385	985x260x385
Net / Gross Weight	kg	9.5/13.1	9.9/13.6
Outdoor Unit			
Sound Pressure Noise Level	Hi dB(A)	54	55
Sound Power Noise Level	Hi dB(A)	58	60
Net Dimension	WxDxH mm	770x300x555	800x333x554
Packing Dimension	WxDxH mm	900x345x585	920x390x615
Net / Gross Weight	kg	26.7/29	29/31.8
Piping Size & Stuffing Quantity			
Piping Size	Liquid Φmm(inch)	6.35(1/4")	6.35(1/4")
	Gas Φmm(inch)	9.52(3/8")	9.52(3/8")
Applicable Area	m²	12-18	16-23
Stuffing Quantity	20'/40'/40'HQ set	104/220/240	85/185/210

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSVPCU-18HRFN1-QRDOGW MOB31-18HFN1-QRDOGW	MSVPDU-24HRFN1-QRDOGW MOCA30-24HFN1-QRDOGW
Performance			
Power Supply	V-, Hz, Ph	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	18000(6300-21100)	24000(8500-27600)
	Rated(Min-Max) kW	5.2(1.8-6.2)	7.0(2.5-8.1)
Heating Capacity	Rated(Min-Max) Btu/h	19000(4800-23200)	26000(7200-31700)
	Rated(Min-Max) kW	5.6(1.4-6.8)	7.6(2.1-9.3)
SEER	W/W	6.5	6.2
Cooling Energy Rate		A++	A++
SCOP	Avg./Warm/Cold W/W	4.0/5.1/3.2	4.0/5.1/3.2
Heating Energy Rate	Avg./Warm/Cold	A++/A+++/B	A++/A+++/B
Tol	°C	-15	-15
Indoor Unit			
Air Flow Volume	m³/h	800/650/550	1050/850/650
Sound Pressure Noise Level	H/M/L dB(A)	43/37/32	49/41/34
Sound Power Noise Level	Hi dB(A)	58	62
Net Dimension	WxDxH mm	1004x205x350	1130x216x368
Packing Dimension	WxDxH mm	1095x290x425	1215x310x455
Net / Gross Weight	kg	13 /17	16.4/21.1
Outdoor Unit			
Sound Pressure Noise Level	Hi dB(A)	59	62
Sound Power Noise Level	Hi dB(A)	63	67
Net Dimension	WxDxH mm	800x333x554	914x360x607
Packing Dimension	WxDxH mm	920x390x615	965x395x755
Net / Gross Weight	kg	37.8/40.5	48.5/51.6
Piping Size & Stuffing Quantity			
Piping Size	Liquid Φmm(inch)	6.35(1/4")	9.52(3/8")
	Gas Φmm(inch)	12.7(1/2")	15.9(5/8")
Applicable Area	m²	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ set	70/142/160	61/128/140

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.



Oasis Split



Standard Features

- Sleep Mode
- Temperature Compensation
- Refrigerant Leakage Detect
- Anti-cold Air Function
- Emergency Using
- 1W Standby
- 12 Grades Indoor Fan Speeds
- 5 Grades Outdoor Fan Speeds
- Low Ambient Cooling
- Mono & Multi Compatible

Optional Features

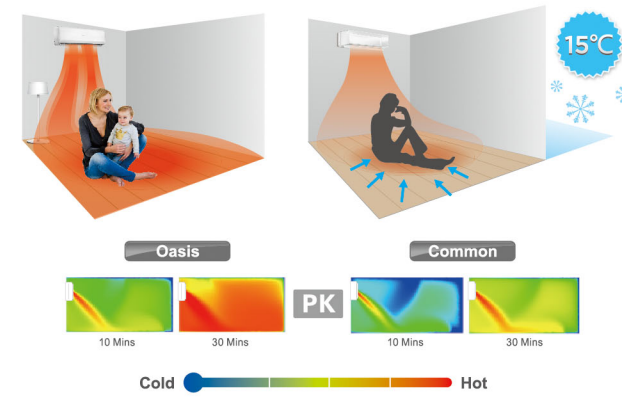
- Remote In Engineer Mode
- Follow Me
- 8°C Heating
- 3D Air Flow
- Chasis Heating Belt
- Compressor Heating Belt
- 2-way Draining
- High Density Filter
- Plasma
- Ionizer
- WiFi Control
- Wired Control

OUTSTANDING FEATURES

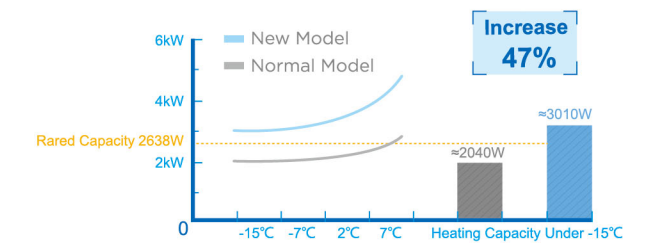
Oasis Split

Extra Low Temperature Heating ▶

Oasis split is excellent at heating performance, for its operating range extended to -25°C and -15°C heating capacity increased 47% .

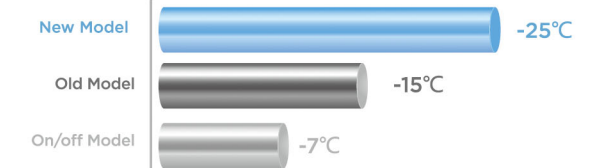


Excellent Heating Performance Under -15°C



* Data based on 9K model.

Extend To -25°C Heating



Top Efficiency Class ▶

Oasis split rates top efficiency class A+++ in cooling performance, it's lower cost than other air conditioners, so you won't worry too much about the energy bills.



8°C Heating ▶

In heating operation, the preset temperature of the air conditioner can be as lower as 8°C , which keeps the room temperature steady at 8°C and prevents the house from freezing when it is unoccupied for a long time in severe cold weather.



Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MST1M-09HRFNI-QREIGW(A) MOB30-09HFNI-QREIGW	MS12M-12HRFNI-QREIGW(A) MOB30-12HFNI-QREIGW	MST1M-09HRFNI-QRD6GW(A)(B) MOB30-09HFNI-QRD6GW	MST1M-12HRFNI-QRD6GW(B) MOB30-12HFNI-QRD6GW
Performance					
Power Supply	V-, Hz, Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	9000(3825-11700)	12000(3767-15600)	9000(3531-11700)	12000(3484-15600)
	Rated(Min-Max) kW	2.6(1.1-3.4)	3.5(1.1-4.6)	2.6(1.0-3.4)	3.5(1.0-4.6)
Heating Capacity	Rated(Min-Max) Btu/h	14000(2569-20000)	14000(2569-20000)	14000(3115-18480)	14000(3115-18480)
	Rated(Min-Max) kW	4.1(0.8-5.9)	4.1(0.8-5.9)	4.1(0.9-5.4)	4.1(0.9-5.9)
SEER	W/W	9.2	8.5	9.0	8.5
Cooling Energy Rate		A+++	A+++	A+++	A+++
SCOP	Avg./Warm/Cold W/W	5.1/6.4/4.1	5.1/6.4/4.1	4.6/5.1/3.8	4.6/5.1/3.8
Heating Energy Rate	Avg./Warm/Cold	A+++/A+++/A+	A+++/A+++/A+	A+/A+++/A	A+/A+++/A
Tol	°C	-25	-25	-25	-25
Indoor Unit					
Air Flow Volume	m³/h	589/467/347	613/494/376	558/433/313	615/455/365
Sound Pressure Noise Level	H/M/L dB(A)	39/33/26/20	40/35/28/21	40/34/27/19	42/37/30/20
Sound Power Noise Level	Hi dB(A)	58	57	55	53
Net Dimension	WxDxH mm	990x218x315	990x218x315	835x198x280	835x198x280
Packing Dimension	WxDxH mm	1065x300x400	1065x300x400	910x270x355	910x270x355
Net / Gross Weight	kg	12.4/15.6	12.4/15.6	8.7/11.2	8.7/11.2
Outdoor Unit					
Sound Pressure Noise Level	Hi dB(A)	56.5	57	56.5	57
Sound Power Noise Level	Hi dB(A)	60	61	57	59
Net Dimension	WxDxH mm	810x310x558	810x310x558	810x310x558	810x310x558
Packing Dimension	WxDxH mm	920x390x615	920x390x615	920x390x615	920x390x615
Net / Gross Weight	kg	39.7/42.5	39.7/42.5	39.7/42.5	39.7/42.5
Piping Size & Stuffing Quantity					
Piping Size	Liquid Ømm(inch)	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas Ømm(inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")
Applicable Area	m²	12-18	16-23	12-18	16-23
Stuffing Quantity	20'/40'/40'HQ set	86/170/188	86/170/188	90/190/210	90/190/210

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MST1MU-09HRFNI-QRD0GW MOBA31-09HFNI-QRD0GW	MST1MU-12HRFNI-QRD0GW MOB31-12HFNI-QRD0GW	MST1MU-18HRFNI-QRD0GW MOB31-18HFNI-QRD0GW	MST1MU-24HRFNI-QRD0GW MOCA30-24HFNI-QRD0GW
Performance					
Power Supply	V-, Hz, Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	9000(4100-11700)	12000(4800-15600)	18000(6400-21200)	24000(9900-27600)
	Rated(Min-Max) kW	2.6(1.2-3.4)	3.5(1.4-4.5)	5.3(1.9-6.2)	7.0(2.9-8.1)
Heating Capacity	Rated(Min-Max) Btu/h	10000(3245-13200)	13000(4100-17200)	19000(5000-23700)	25000(7700-31000)
	Rated(Min-Max) kW	3.0(1.0-3.9)	3.8(1.2-5.0)	5.6(1.5-6.9)	7.3(2.2-9.0)
SEER	W/W	7.5	7.3	6.5	7.3
Cooling Energy Rate		A++	A++	A++	A++
SCOP	Avg./Warm/Cold W/W	4.0/5.5/3.7	4.4/5.5/3.5	4.2/5.2/3.3	4.0/5.1/3.0
Heating Energy Rate	Avg./Warm/Cold	A+/A+++/A	A+/A+++/A	A+/A+++/B	A+/A+++/B
Tol	°C	-15	-15	-15	-15
Indoor Unit					
Air Flow Volume	m³/h	460/400/280	550/480/320	830/620/490	1050/950/700
Sound Pressure Noise Level	H/M/L dB(A)	35/31/25	36/32/26	42/36/28	46/41/34
Sound Power Noise Level	Hi dB(A)	52	52	58	62
Net Dimension	WxDxH mm	750x198x280	835x198x280	990x218x315	1186x258x343
Packing Dimension	WxDxH mm	830x270x355	910x270x355	1065x300x400	1265x420x340
Net / Gross Weight	kg	7.8/9.9	8.7/11.2	11.8/15	15.6/20.6
Outdoor Unit					
Sound Pressure Noise Level	Hi dB(A)	55	55	58	60
Sound Power Noise Level	Hi dB(A)	58	58	63	67
Net Dimension	WxDxH mm	770x300x555	800x333x554	800x333x554	914x360x607
Packing Dimension	WxDxH mm	900x345x585	920x390x615	920x390x615	965x395x755
Net / Gross Weight	kg	26.6/29	29.1/31.9	37.8/40.5	48.4/51.6
Piping Size & Stuffing Quantity					
Piping Size	Liquid Ømm(inch)	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas Ømm(inch)	9.52(3/8")	9.52(3/8")	12.7(1/2")	15.9(5/8")
Applicable Area	m²	12-18	16-23	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ set	110/225/260	92/190/220	75/160/180	58/120/138

Remark:
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Toscana Split



Standard Features

- ECO
- Fast Cool/Heat Function
- Mute Operation
- Anti-cold Air Function
- Refrigerant Leakage Detect
- High Density Filter
- Manual ON/OFF
- 1W Standby
- 12 Grades Indoor Fan Speeds
- 5 Grades Outdoor Fan Speeds
- Low Ambient Cooling
- Emergency Using
- 2-way Draining
- Mono & Multi Compatible

Optional Features

- Remote In Engineer Mode
- Follow Me
- 8°C Heating
- Super Ionizer
- WiFi Control
- Front Desk Control
- Wired Control
- Central Control Management



ECO Mode ▶

Midea new energy-saving AC applies innovative ECO Mode, by optimizing frequency control system, it provides you the same comfort with minimum power consumption in 8 hours running time.



Fast Cool / Heat ▶

Once start this function, the compressor will maximize running frequency, thus you can enjoy cooling or heating in seconds.



Digital Display ▶

Midea AC concisely shows all the operation status via digital hidden display, including WIFI control, ECO mode, cooling/heating, etc.



Wi-Fi Control ▶

With the WIFI control, you can easily turn off the AC outside your house via smart devices. Furthermore, you can turn it on before you come back.



Toscana Split

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSTCAU-09HRFN1-QRDOG(W)(B) MOBA31-09HRFN1-QRDOG(W)	MSTCBU-12HRFN1-QRDOG(W)(B) MOB31-12HRFN1-QRDOG(W)
Performance			
Power Supply	V~, Hz, Ph	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	9000(4200-11300)	12000(4600-15400)
	Rated(Min-Max) kW	2.6(1.2-3.3)	3.5(1.3-4.5)
Heating Capacity	Rated(Min-Max) Btu/h	10000(3000-12800)	13500(3000-16800)
	Rated(Min-Max) kW	3.0(0.9-3.8)	4.0(0.9-4.9)
SEER	W/W	7.1	7.0
Cooling Energy Rate		A++	A++
SCOP	Avg./Warm/Cold W/W	4.1/5.2/3.3	4.3/5.4/3.5
Heating Energy Rate	Avg./Warm/Cold	A+/A+++/B	A+/A+++/A
Tol	°C	-15	-15
Indoor Unit			
Air Flow Volume	m³/h	450/380/250	550/460/300
Sound Pressure Noise Level	H/M/L dB(A)	37/32/23	38/32/23
Sound Power Noise Level	Hi dB(A)	52	52
Net Dimension	WxDxH mm	770x200x294	850x204x302
Packing Dimension	WxDxH mm	845x285x375	960x290x385
Net / Gross Weight	kg	7.8/10	8.6/11.6
Outdoor Unit			
Sound Pressure Noise Level	Hi dB(A)	55	55
Sound Power Noise Level	Hi dB(A)	58	60
Net Dimension	WxDxH mm	770x300x555	800x333x554
Packing Dimension	WxDxH mm	900x345x585	920x390x615
Net / Gross Weight	kg	26.6/29	29.1/31.9
Piping Size & Stuffing Quantity			
Piping Size	Liquid Φmm(inch)	6.35(1/4")	6.35(1/4")
	Gas Φmm(inch)	9.52(3/8")	9.52(3/8")
Applicable Area	m²	12-18	16-23
Stuffing Quantity	20'/40'/40'HQ set	108/220/250	84/174/205

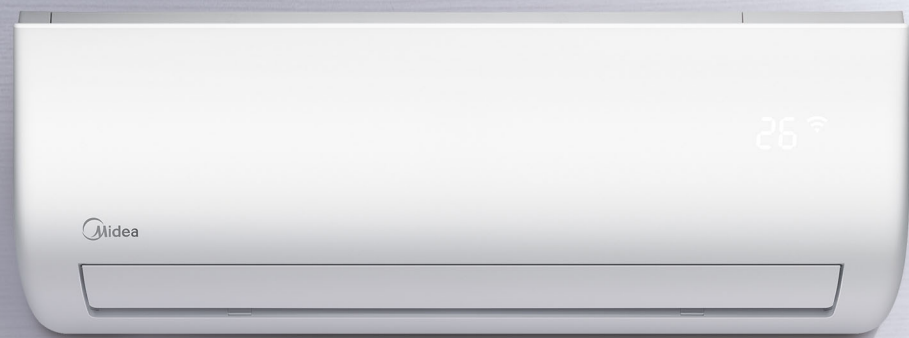
Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSTCCU-18HRFN1-QRDOG(W)(B) MOB31-18HRFN1-QRDOG(W)	MSTCDU-24HRFN1-QRDOG(W)(B) MOCA30-24HRFN1-QRDOG(W)
Performance			
Power Supply	V~, Hz, Ph	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	18000(8300-21100)	24000(8500-27600)
	Rated(Min-Max) kW	5.2(1.8-6.2)	7.0(2.5-8.1)
Heating Capacity	Rated(Min-Max) Btu/h	19000(4800-23200)	26000(6900-31700)
	Rated(Min-Max) kW	5.6(1.4-6.8)	7.6(2.0-9.3)
SEER	W/W	6.5	6.2
Cooling Energy Rate		A++	A++
SCOP	Avg./Warm/Cold W/W	4.1/5.1/3.4	4.0/5.1/3.2
Heating Energy Rate	Avg./Warm/Cold	A+/A+++/A	A+/A+++/B
Tol	°C	-15	-15
Indoor Unit			
Air Flow Volume	m³/h	810/680/560	1050/960/590
Sound Pressure Noise Level	H/M/L dB(A)	43/36/31	49/41/33
Sound Power Noise Level	Hi dB(A)	57	61
Net Dimension	WxDxH mm	1010x230x326	1130x240x340
Packing Dimension	WxDxH mm	1085x405x325	1205x420x330
Net / Gross Weight	kg	11.4/15.1	13.7/17.4
Outdoor Unit			
Sound Pressure Noise Level	Hi dB(A)	57	63
Sound Power Noise Level	Hi dB(A)	63	67
Net Dimension	WxDxH mm	800x333x554	914x360x607
Packing Dimension	WxDxH mm	920x390x615	965x395x755
Net / Gross Weight	kg	37.8/40.5	48.4/51.6
Piping Size & Stuffing Quantity			
Piping Size	Liquid Φmm(inch)	6.35(1/4")	9.52(3/8")
	Gas Φmm(inch)	12.7(1/2")	15.9(5/8")
Applicable Area	m²	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ set	75/156/180	58/125/144

Remark:

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All Easy Split



Standard Features

- Easy Installation
- Emergency Using
- Mute Operation
- Refrigerant Leakage Detect
- High Density Filter
- Louver Position Memory
- 12 Grades Indoor Fan Speeds
- Manual ON/OFF
- 1W Standby
- Low Ambient Cooling
- 2-way Draining
- Mono & Multi Compatible
- 5 Grades Outdoor Fan Speeds
- Anti-cold Air Function

Optional Features

- Remote In Engineer Mode
- Follow Me
- Super Ionizer
- Error Alarm Port
- WiFi Control
- Front Desk Control
- Wired Control
- Central Control Management

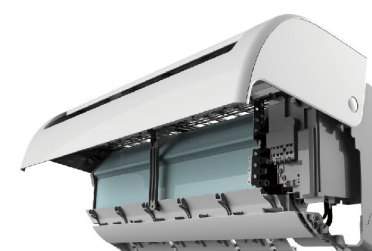
OUTSTANDING FEATURES

All Easy Split



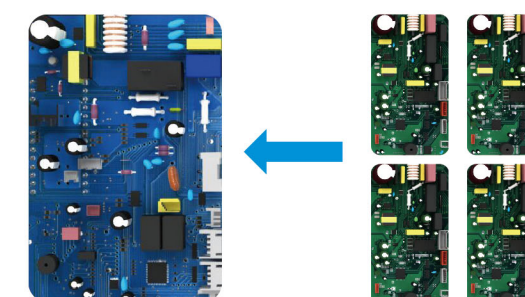
Easy Installation ▶

Strong installation plate and cupboard, big space for pipe/wiring connection & better wiring terminal make midea AE series save 20% time on installation compared with midea normal ACs.



Easy Maintenance ▶

New structure with universal PCB, one PCB suits for all the IDU sizes. Easy removable PCB and electric components totally save 50% of after service time, offering easy maintenance and money saving.



Easy Clean ▶

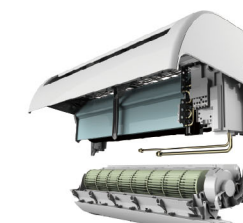
Easy removable filters can be pulled out at the top instead of inside the panel; simplified installation step substantially form 9 steps to 3 steps. Midea AE can save totally 50% of cleaning time.



Direct pull out filter



Direct remove panel



Slide out chassis



Remove blade

All Easy Split

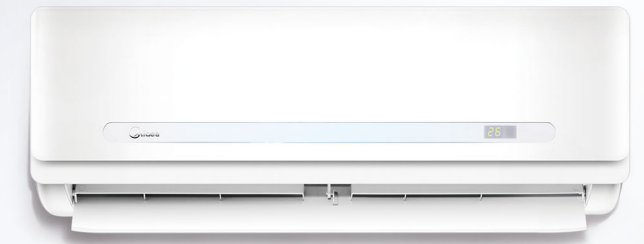
Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MSAEAU-09HRFN1-QRDOGW MOBA31-09HFNI-QRDOGW	MSAEBU-12HRFN1-QRDOGW MOB31-12HFNI-QRDOGW
Performance				
Power Supply	V-, Hz, Ph		220-240,50,1	220-240,50,1
Inverter Type			3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	9000(4000-11300)	12000(4300-15200)
	Rated(Min-Max)	kW	2.6(1.2-3.3)	3.5(1.3-4.4)
Heating Capacity	Rated(Min-Max)	Btu/h	10000(2800-12700)	13000(3600-16600)
	Rated(Min-Max)	kW	3.0(0.8-3.7)	3.8(1.0-4.9)
SEER	W/W		6.8	6.7
Cooling Energy Rate			A++	A++
SCOP	Avg./Warm/Cold	W/W	4.2/5.1/3.2	4.2/5.2/3.2
Heating Energy Rate	Avg./Warm/Cold		A+/A+++/B	A+/A+++/B
Tol	°C		-15	-15
Indoor Unit				
Air Flow Volume		m³/h	470/360/260	470/500/300
Sound Pressure Noise Level	H/M/L	dB(A)	39/35/27	41/36/28
Sound Power Noise Level	Hi	dB(A)	53	52
Net Dimension	WxDxH	mm	716x300x193	804x300x193
Packing Dimension	WxDxH	mm	785x375x285	875x375x285
Net / Gross Weight		kg	7/9.3	7.7/10.2
Outdoor Unit				
Sound Pressure Noise Level	Hi	dB(A)	54	55
Sound Power Noise Level	Hi	dB(A)	58	59
Net Dimension	WxDxH	mm	770x300x555	800x333x554
Packing Dimension	WxDxH	mm	900x345x585	920x390x615
Net / Gross Weight		kg	26.6/29	29.1/31.9
Piping Size & Stuffing Quantity				
Piping Size	Liquid	ømm(inch)	6.35(1/4")	6.35(1/4")
	Gas	ømm(inch)	9.52(3/8")	9.52(3/8")
Applicable Area		m²	12-18	16-23
Stuffing Quantity	20'/40'/40'HQ	set	110/230/255	85/185/215

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MSAECU-18HRFN1-QRDOGW MOB31-18HFNI-QRDOGW	MSAEDU-24HRFN1-QRDOGW MOCA30-24HFNI-QRDOGW
Performance				
Power Supply	V-, Hz, Ph		220-240,50,1	220-240,50,1
Inverter Type			3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	18000(6500-20900)	24000(9100-26900)
	Rated(Min-Max)	kW	5.2(1.9-6.1)	7.0(2.7-7.9)
Heating Capacity	Rated(Min-Max)	Btu/h	19000(4900-23000)	26000(7200-31200)
	Rated(Min-Max)	kW	5.6(1.4-6.7)	7.6(2.1-9.1)
SEER	W/W		6.8	6.4
Cooling Energy Rate			A++	A++
SCOP	Avg./Warm/Cold	W/W	4.2/5.4/3.3	4.0/5.2/3.3
Heating Energy Rate	Avg./Warm/Cold		A+/A+++/B	A+/A+++/B
Tol	°C		-15	-15
Indoor Unit				
Air Flow Volume		m³/h	870/770/580	1200/1080/880
Sound Pressure Noise Level	H/M/L	dB(A)	43/39/32	46/40/36
Sound Power Noise Level	Hi	dB(A)	58	60
Net Dimension	WxDxH	mm	964x325x222	1106x342x232
Packing Dimension	WxDxH	mm	1045x405x305	1195x420x315
Net / Gross Weight		kg	10.1/13.6	13.2/17
Outdoor Unit				
Sound Pressure Noise Level	Hi	dB(A)	58	59
Sound Power Noise Level	Hi	dB(A)	63	65
Net Dimension	WxDxH	mm	800x333x554	914x360x807
Packing Dimension	WxDxH	mm	920x390x615	965x395x755
Net / Gross Weight		kg	37.8/40.5	48.4/51.6
Piping Size & Stuffing Quantity				
Piping Size	Liquid	ømm(inch)	6.35(1/4")	9.52(3/8")
	Gas	ømm(inch)	12.7(1/2")	15.9(5/8")
Applicable Area		m²	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ	set	78/165/190	65/135/150

Remark:
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Aurora Split



Standard Features

- ECO
- Mute Operation
- Refrigerant Leakage Detect
- High Density Filter
- Manual ON/OFF
- Digital Display
- 1W Standby
- Low Ambient Cooling
- 2-way Draining
- Mono & Multi Compatible

Optional Features

- Remote In Engineer Mode
- Follow Me
- 8°C Heating
- Chasis Heating Belt
- Compressor Heating Belt
- Super Ionizer
- WiFi Control
- Front Desk Control
- Wired Control
- Central Control Management



Wi-Fi Control ▶

With the WIFI control, you can easily turn on and turn off the AC outside your house via smart device.



Selectable Control Modes ▶

Apart from conventional remote control, Midea AC provides a variety of optional, including wired control, front desk control, and centralized control.



Mute Operation ▶

Want to turn off the AC beep and display? By pressing mute operation, Midea AC help to give you a quiet and comfortable night.



High Density Filters ▶

Compared with ordinary dust filter, the anti-dust effect of this high density filter can increase more than 50%, it can clean dust, pollen up to 80%.



Aurora Split

Specification_ R410A 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSABAU-07HRFN1-QRDOGW(B) MOBA30-07HFNI-QRDOGW	MSABAU-09HRFN1-QRDOGW(B) MOBA31-09HFNI-QRDOGW	MSABBU-12HRFN1-QRDOGW(B) MOB31-12HFNI-QRDOGW	MSABDU-18HRFN1-QRDOGW(B) MOB31-18HFNI-QRDOGW	MSABEU-24HRFN1-QRDOGW(B) MOCA30-24HFNI-QRDOGW
Performance						
Power Supply	V-, Hz, Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	8000(4200-10000)	9500(4200-11300)	12000(4700-15400)	18000(6300-21100)	24000(9100-27600)
	Rated(Min-Max) kW	2.3(1.2-3.0)	2.7(1.2-3.3)	3.5(1.4-4.5)	5.2(1.9-6.2)	7.0(2.7-8.1)
Heating Capacity	Rated(Min-Max) Btu/h	8500(3000-11000)	10000(3100-12800)	13000(3700-16800)	19000(4700-23200)	26000(7500-31700)
	Rated(Min-Max) kW	2.5(0.9-3.2)	3.0(0.9-3.8)	3.8(1.1-4.9)	5.6(1.4-6.8)	7.6(2.2-9.3)
SEER	W/W	7.8	7.5	6.6	7.0	6.5
Cooling Energy Rate		A++	A++	A++	A++	A++
SCOP	Avg./Warm/Cold W/W	4.0/5.1/3.6	4.1/5.1/3.4	4.2/5.1/3.5	4.1/5.1/3.4	4.0/5.1/3.2
Heating Energy Rate	Avg./Warm/Cold W/W	A+/A+++/A	A+/A+++/A	A+/A+++/A	A+/A+++/A	A+/A+++/B
Tol	°C	-15	-15	-15	-15	-15
Indoor Unit						
Air Flow Volume	m³/h	400/300/230	420/310/240	520/460/270	750/500/420	1060/830/610
Sound Pressure Noise Level H/M/L	dB(A)	37/28/23	37/29/23	39/34/24	43/36/30	49/42/34
Sound Power Noise Level Hi	dB(A)	52	52	53	58	61
Net Dimension	WxDxH mm	722x187x290	722x187x290	802x189x297	965x215x319	1080x226x335
Packing Dimension	WxDxH mm	790x270x370	790x270x370	875x285x375	1045x305x405	1155x415x315
Net / Gross Weight	kg	7.4/9.6	7.4/9.6	8.2/10.7	10.7/14	13/16.6
Outdoor Unit						
Sound Pressure Noise Level Hi	dB(A)	53	55	55	57	60
Sound Power Noise Level Hi	dB(A)	58	58	59	63	66
Net Dimension	WxDxH mm	770x300x555	770x300x555	800x333x554	800x333x554	914x360x607
Packing Dimension	WxDxH mm	900x345x585	900x345x585	920x390x615	920x390x615	965x395x755
Net / Gross Weight	kg	24.4/26.8	26.7/29	29/31.8	37.8/40.5	48.5/51.6
Piping Size & Stuffing Quantity						
Piping Size	Liquid Φmm(inch)	6.35(1/4")	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas Φmm(inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")	12.7(1/2")	15.9(5/8")
Applicable Area	m²	10-15	12-18	16-23	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ set	115/235/260	115/235/260	85/185/215	78/165/190	66/138/152

Specification_ R32 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSABAU-09HRFN8-QRDOGW MOBA30-09HFN8-QRDOGW	MSABBU-12HRFN8-QRDOGW MOBA30-12HFN8-QRDOGW	MSABDU-18HRFN8-QRDOGW MOB30-18HFN8-QRDOGW	MSABEU-24HRFN8-QRDOGW MOCA30-24HFN8-QRDOGW
Performance					
Power Supply	V-, Hz, Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	9200(1800-13000)	12000(2800-15600)	18000(5500-21200)	25000(9000-28800)
	Rated(Min-Max) kW	2.7(0.5-3.8)	3.5(0.8-4.5)	5.2(1.6-6.2)	7.3(2.6-8.4)
Heating Capacity	Rated(Min-Max) Btu/h	10000(1500-14000)	13000(2900-17200)	19000(3600-23800)	26000(5000-32200)
	Rated(Min-Max) kW	3.0(0.4-4.1)	3.8(0.8-5.0)	5.6(1.1-7.0)	7.6(1.1-9.4)
SEER	W/W	7.8	7.5	6.8	6.9
Cooling Energy Rate		A++	A++	A++	A++
SCOP	Avg./Warm/Cold W/W	4.1/5.2/3.3	4.3/5.3/3.2	4.0/5.1/3.3	4.0/5.1/2.9
Heating Energy Rate	Avg./Warm/Cold W/W	A+/A+++/B	A+/A+++/B	A+/A+++/B	A+/A+++/C
Tol	°C	-15	-15	-15	-15
Indoor Unit					
Air Flow Volume	m³/h	520/430/260	540/480/300	750/510/430	1050/960/590
Sound Pressure Noise Level H/M/L	dB(A)	37/29/22	38/30/22	42/34/30	47/42/35
Sound Power Noise Level Hi	dB(A)	53	55	57	61
Net Dimension	WxDxH mm	722x187x290	802x189x297	965x215x319	1080x226x335
Packing Dimension	WxDxH mm	790x270x370	875x285x375	1045x305x405	1155x415x315
Net / Gross Weight	kg	7.4/9.6	8.2/10.7	9/12.2	12/15.2
Outdoor Unit					
Sound Pressure Noise Level Hi	dB(A)	54	54	57	62
Sound Power Noise Level Hi	dB(A)	59	60	63	66
Net Dimension	WxDxH mm	770x300x555	770x300x555	800x333x554	845x320x700
Packing Dimension	WxDxH mm	900x345x585	900x345x585	920x390x615	965x395x755
Net / Gross Weight	kg	26.4/28.9	26.5/29.0	37/39	48/50
Piping Size & Stuffing Quantity					
Piping Size	Liquid Φmm(inch)	6.35(1/4")	6.35(1/4")	6.35(1/4")	9.52(3/8")
	Gas Φmm(inch)	9.52(3/8")	9.52(3/8")	12.7(1/2")	15.9(5/8")
Applicable Area	m²	13-18	16-23	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ set				

Remark:

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Forest Split

Standard Features

- ECO
- Mute Operation
- Refrigerant Leakage Detect
- Louver Position Memory
- High Density Filter
- Manual ON/OFF
- 1W Standby
- Low Ambient Cooling
- Emergency Using
- Mono & Multi Compatible

Optional Features

- Remote In Engineer Mode
- Follow Me
- 8°C Heating
- Chasis Heating Belt
- Compressor Heating Belt
- Super Ionizer
- WiFi Control
- Front Desk Control
- Wired Control
- Central Control Management

OUTSTANDING FEATURES

Forest Split



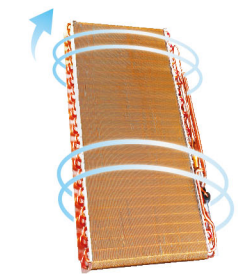
Refrigerant Leakage Detect ▶

When refrigerant leakage is detected indoor, unit will show error code "EC" and stop automatically. This function can better protect compressor from being damaged by high temperature due to refrigerant leakage.



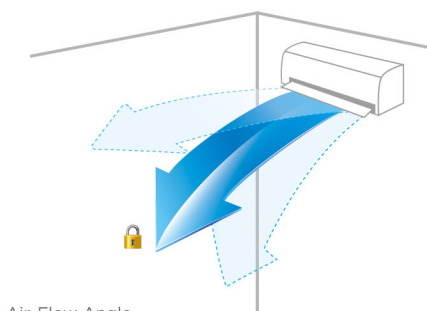
Golden Fin ▶

The unique anticorrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements. And also effectively prevent bacteria breeding and improve heat transfer efficiency.



Louver Position Memory Function ▶

When you start the unit next time, the angle of vertical swing will automatically move to the same position as you set last time.



Previous Air-Flow Angle

Ionizer ▶

Release negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.



Forest Split

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSAFU-09HRFN1-QRD0GW MOBA31-09HFNI-QRD0GW	MSAFBU-12HRFN1-QRD0GW MOB31-12HFNI-QRD0GW
Performance			
Power Supply	V~, Hz, Ph	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	9000(4200-11000)	12000(4400-14000)
	Rated(Min-Max) kW	2.6(1.2-3.2)	3.5(1.3-4.1)
Heating Capacity	Rated(Min-Max) Btu/h	10000(2900-11500)	13000(4100-14600)
	Rated(Min-Max) kW	3.0(0.8-3.4)	3.8(1.2-4.3)
SEER	W/W	6.1	6.1
Cooling Energy Rate		A++	A++
SCOP	Avg./Warm/Cold W/W	4.0/4.8/3.4	4.0/4.8/3.6
Heating Energy Rate	Avg./Warm/Cold	A+/A++/A	A+/A++/A
Tol	°C	-15	-15
Indoor Unit			
Air Flow Volume	m³/h	430/320/220	430/320/220
Sound Pressure Noise Level	H/M/L dB(A)	39/35/27	41/36/28
Sound Power Noise Level	Hi dB(A)	52	52
Net Dimension	WxDxH mm	715x285x194	805x285x194
Packing Dimension	WxDxH mm	780x360x270	870x360x270
Net / Gross Weight	kg	7.0 / 9.5	8.0 / 10.0
Outdoor Unit			
Sound Pressure Noise Level	Hi dB(A)	54	54
Sound Power Noise Level	Hi dB(A)	58	60
Net Dimension	WxDxH mm	770x300x555	770x300x555
Packing Dimension	WxDxH mm	900x345x585	900x345x585
Net / Gross Weight	kg	26.7/29	29/31.8
Piping Size & Stuffing Quantity			
Piping Size	Liquid φmm(inch)	6.35(1/4")	6.35(1/4")
	Gas φmm(inch)	9.52(3/8")	9.52(3/8")
Applicable Area	m²	12-18	16-23
Stuffing Quantity	20'/40'/40'HQ set	115/240/260	110/225/250

Specification_3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MSAFDU-18HRFN1-QRD0GW MOB31-18HFNI-QRD0GW	MSAFDU-24HRFN1-QRD0GW MOCA30-24HFNI-QRD0GW
Performance			
Power Supply	V~, Hz, Ph	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC
Cooling Capacity	Rated(Min-Max) Btu/h	18000(6200-20900)	24000(9100-26900)
	Rated(Min-Max) kW	5.2(1.8-6.1)	7.0(2.7-7.8)
Heating Capacity	Rated(Min-Max) Btu/h	19000(4700-23000)	25000(5500-30000)
	Rated(Min-Max) kW	5.6(1.4-6.7)	7.3(1.6-8.8)
SEER	W/W	6.5	6.3
Cooling Energy Rate		A++	A++
SCOP	Avg./Warm/Cold W/W	4.3/5.1/3.4	4.0/5.1/3.2
Heating Energy Rate	Avg./Warm/Cold	A+/A++/A	A+/A++/B
Tol	°C	-15	-15
Indoor Unit			
Air Flow Volume	m³/h	600/450/360	1150/1070/880
Sound Pressure Noise Level	H/M/L dB(A)	43/39/32	46/40/36
Sound Power Noise Level	Hi dB(A)	57	61
Net Dimension	WxDxH mm	957x302x213	1040x327x220
Packing Dimension	WxDxH mm	1035x380x295	1120x405x310
Net / Gross Weight	kg	10.5/12.5	12.5/15.5
Outdoor Unit			
Sound Pressure Noise Level	Hi dB(A)	58	60
Sound Power Noise Level	Hi dB(A)	62	66
Net Dimension	WxDxH mm	800x333x554	914x360x607
Packing Dimension	WxDxH mm	920x390x615	965x395x755
Net / Gross Weight	kg	37.8/40.5	48.5/51.6
Piping Size & Stuffing Quantity			
Piping Size	Liquid φmm(inch)	6.35(1/4")	9.52(3/8")
	Gas φmm(inch)	12.7(1/2")	15.9(5/8")
Applicable Area	m²	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ set	82/175/200	66/140/154

Remark:

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Light Commercial Universal Outdoor Units

Specification ▶

Outdoor Unit		MOB30U-12HRFN1-QRD0W	MOB30U-18HRFN1-QRDO	MOCA30U-24HRFN1-QRDO	MOD30U-30HRFN1-QRDO
Performance					
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Air Flow Volume	m³/h	2000	2100	2700	4300
Sound pressure	dB(A)	58	58	62	65
Sound Power Noise Level	dB(A)	64	64	69	70
Outdoor Unit					
Net Dimension (mm)	WxDxH	800x333x554	800x333x554	845x360x607	946x410x810
Packing Dimension (mm)	WxDxH	920x390x615	920x390x615	965x395x755	1090x500x865
Net/Gross Weight	kg	33.8/36.6	38/41	48/50	62/66.5
Piping Size (mm(Inch))	Liquid	6.35(1/4")	6.35(1/4")	9.52(3/8")	9.52(3/8")
	Gas	9.52(3/8")	12.7(1/2")	15.9(5/8")	15.9(5/8")
Max. pipe length	m	25	30	50	50
Max. height difference	m	10	20	25	25
Piping Size & Stuffing Quantity					
20'/40'/40'HQ	Set	108/219/292	108/219/292	102/215/216	44/96/144

Specification ▶

Outdoor Unit		MOD30U-36HRFN1-QRDO	MOD30U-36HRFN1-RRDO	MOD30U-42HRFN1-QRDO	MOD30U-42HRFN1-RRDO
Performance					
Power Supply	V~, Hz, Ph	220-240, 50, 1	380-415, 50, 3	220-240, 50, 1	380-415, 50, 3
Air Flow Volume	m³/h	4300	4300	4300	4300
Sound pressure	dB(A)	65	65	63	63
Sound Power Noise Level	dB(A)	70	70	71	71
Outdoor Unit					
Net Dimension (mm)	WxDxH	946x410x810	946x410x810	946x410x810	946x410x810
Packing Dimension (mm)	WxDxH	1090x500x865	1090x500x865	1090x500x865	1090x500x865
Net/Gross Weight	kg				
Piping Size (mm(Inch))	Liquid	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")
	Gas	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")
Max. pipe length	m	65	65	65	65
Max. height difference	m	30	30	30	30
Piping Size & Stuffing Quantity					
20'/40'/40'HQ	Set	44/96/144	44/96/144	44/96/144	44/96/144

Specification ▶

Outdoor Unit		MOE30U-48HRFN1-QRDO	MOE30U-48HRFN1-RRDO	MOE30U-55HRFN1-RRDO
Performance				
Power Supply	V~, Hz, Ph	220-240, 50, 1	380-415, 50, 3	380-415, 50, 3
Air Flow Volume	m³/h	7000	7000	6800
Sound pressure	dB(A)	68	68	68
Sound Power Noise Level	dB(A)	75	75	75
Outdoor Unit				
Net Dimension (mm)	WxDxH	950x410x1333	950x410x1333	950x410x1333
Packing Dimension (mm)	WxDxH	1100x510x1488	1100x510x1488	1100x510x1488
Net/Gross Weight	kg			
Piping Size (mm(Inch))	Liquid	9.52(3/8")	9.52(3/8")	9.52(3/8")
	Gas	15.9(5/8")	15.9(5/8")	15.9(5/8")
Max. pipe length	m	65	65	65
Max. height difference	m	30	30	30
Piping Size & Stuffing Quantity				
20'/40'/40'HQ	Set	22/46/46	22/46/46	22/46/46

Remark:

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Compact Round Flow Cassette



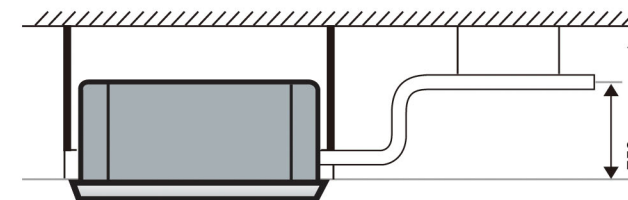
OUTSTANDING FEATURES

Compact Round Flow Cassette



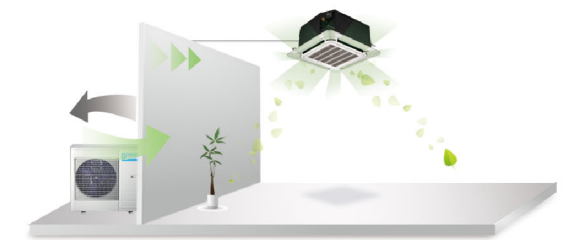
Build-in Drain Pump ▶

The drain pump can lift the condensing water up to 750mm.



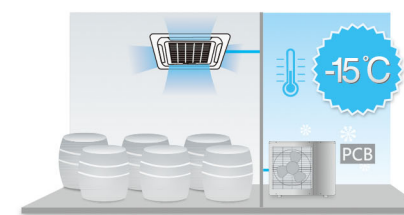
Fresh Air ▶

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



Low Ambient Cooling ▶

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condenser temperature, even when the temperature is down to -15°C.



Wired Controller ▶

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



Standard Features

- Front Desk Control
- Error Alarm Port
- Twin Combination
- Refrigerant Leakage Detect
- Louver Position Memory
- Temperature Compensation
- Auto Restart Function
- Anti-cold Air Function
- Low Ambient Cooling
- Emergency Using
- Build-in Drain Pump
- Fresh Air

Optional Features

- Remote In Engineer Mode
- Follow Me
- 8°C Heating
- Wired Control
- Central Control Management

Compact Cassette

Specification ▶

Indoor Unit Outdoor Unit		MCA3U-12HRFN1-QRDOW MOB30U-12HFN1-QRDOW	MCA3-18HRFN1-QRDO MOB30U-18HFN1-QRDO
Performance			
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1
Inverter Type		3D DC	3D DC
Cooling Capacity(min-rated-max)	Btu/h	12000(2100-15000)	18000(2700-21000)
	kW	3.5(0.6-4.4)	5.2(0.8-6.1)
Heating Capacity(min-rated-max)	Btu/h	14000(2100-17500)	19000(3000-24000)
	kW	4.1(0.6-5.1)	5.6(0.9-7.0)
SEER (Average)	W/W	6.1	6.1
Energy Rate	Cooling	A++	A++
SCOP(Average)	W/W	4.0	4.0
Energy Rate	Heating	A+	A+
Tol	°C	-15	-15
Air Flow Volume	m³/h	650/530/450	660/550/490
Sound pressure	dB(A)	42/38/34	46/42/38
Sound Power Noise Level	dB(A)	58	59
Outdoor Unit			
Net Dimension (mm)	Body (WxDxH)	570x570x260	570x570x260
	Panel (WxDxH)	647x647x50	647x647x50
Packing Dimension (mm)	Body (WxDxH)	655x655x290	655x655x290
	Panel (WxDxH)	715x715x123	715x715x123
Net/Gross Weight (kg)	Body	16/19	16.5/19
	Panel	2.5/4.5	2.5/4.5
Piping Size (mm)	Liquid	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	12.7(1/2")
Piping Size & Stuffing Quantity			
Applicable Area	m²	16-23	24-35
Stuffing Quantity (Set)	20'/40'/40'HQ	234/488/566	234/488/566



Super Slim Round Flow Cassette

Standard Features

- 360° Air Flow Panel
- Front Desk Control
- Error Alarm Port
- Twin Combination
- Refrigerant Leakage Detect
- Louver Position Memory
- Temperature Compensation
- Anti-cold Air Function
- Low Ambient Cooling
- Emergency Using
- Build-in Drain Pump
- Fresh Air

Optional Features

- Remote In Engineer Mode
- Follow Me
- Ionizer
- 8°C Heating
- Wired Control
- Central Control Management

Remark:
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OUTSTANDING FEATURES

Super Slim Round Flow Cassette

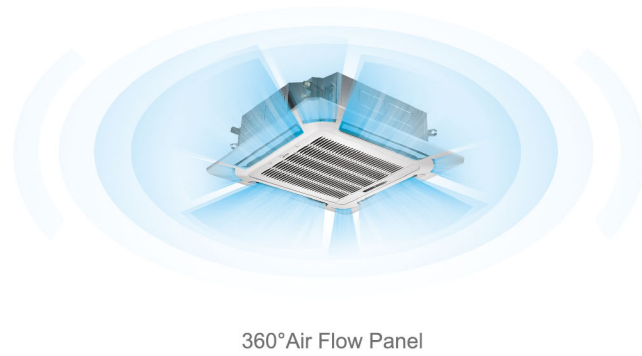
Lifting Easy-clean Panel (Optional) ▶

The removable lifting panel makes the clean process much easier.



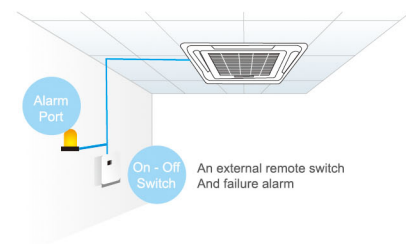
360° Air Flow Panel ▶

With the 360° air flow panel, the air can be distributed to every corner of the room.



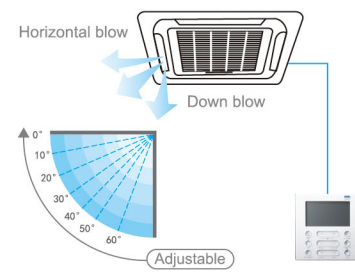
Reserved ON-OFF and Alarm Ports ▶

ON-OFF Switch: With the reserved ports, a remote switch can be easily connected to a realize remote control.
Alarm Port: The built-in PCB can output alarm signal, which makes setting up an external alarm light or vibration gauge possible.



Independent Vane Control ▶

The direction of each vane can be set independently by using the wired controller.



Super Slim

Specification ▶

Indoor Unit Outdoor Unit	MCD-18HRFNI-QRDO MOB30U-18HFNI-QRDO	MCD-24HRFNI-QRDO MOCA30U-24HFNI-QRDO	MCD-30HRFNI-QRDO MOD30U-30HFNI-QRDO	MCD-36HRFNI-QRDO MOD30U-36HFNI-QRDO	MCD-36HRFNI-QRDO MOD30U-36HFNI-RRDO	
Performance						
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	380-415, 50, 3
Inverter Type		3D DC	3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Btu/h	18000(2700-21000)	24000(4100-28000)	30000(7100-36000)	36000(10000-41000)	36000(10000-41000)
(min-rated-max)	kW	5.2(0.8-6.1)	7.0(1.2-8.2)	8.8(2.1-10.5)	10.5(2.9-12.0)	10.5(2.9-12.0)
Heating Capacity	Btu/h	19000(3000-24000)	26000(4100-32000)	32000(7100-37000)	38000(9000-45000)	38000(9000-45000)
(min-rated-max)	kW	5.6(0.9-7.0)	7.6(1.2-9.4)	9.4(2.1-10.8)	11.1(2.6-13.2)	11.1(2.6-13.2)
SEER (Average)	W/W	6.1	6.1	6.1	6.1	6.1
Energy Rate	Cooling	A++	A++	A++	A++	A++
SCOP(Average)	W/W	4.0	4.0	4.0	4.0	4.0
Energy Rate	Heating	A+	A+	A+	A+	A+
Tol	°C	-15	-15	-15	-15	-15
Air Flow Volume	m³/h	1000/800/700	1450/1250/1100	1700/1460/1300	1900/1750/1460	1900/1750/1460
Sound pressure	dB(A)	46/41/37	46/42/39	53/48/44	54/50/47	54/50/47
Sound Power Noise Level(Hi)	dB(A)	56	62	65	65	65
Dimension & Weight & Piping size						
Net Dimension (mm)	Body (WxDxH)	840x840x245	840x840x245	840x840x245	840x840x245	840x840x245
	Panel (WxDxH)	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
Packing Dimension (mm)	Body (WxDxH)	900x900x265	900x900x265	900x900x265	900x900x265	900x900x265
	Panel (WxDxH)	1035x1035	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross Weight (kg)	Body	21.3/25	24/28	26.5/30.5	25.6/29.6	25.6/29.6
	Panel	5/8	5/8	5/8	5/8	5/8
Piping Size (mm)	Liquid	6.35(1/4")	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")
	Gas	12.7(1/2")	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable area & Stuffing Quantity						
Applicable Area	m²	24-35	32-47	40-59	48-70	48-70
Stuffing Quantity (Set)	20'/40'/40'HQ	148/312/342	128/268/294	128/268/294	128/268/294	128/268/294

Specification ▶

Indoor Unit Outdoor Unit	MCD-42HRFNI-QRDO MOD30U-42HFNI-QRDO	MCD-42HRFNI-QRDO MOD30U-42HFNI-RRDO	MCD-48HRFNI-QRDO MOE30U-48HFNI-QRDO	MCD-48HRFNI-QRDO MOE30U-48HFNI-RRDO	MCD-55HRFNI-QRDO MOE30U-55HFNI-RRDO	
Performance						
Power supply	V~, Hz, Ph	220-240, 50, 1	380-415, 50, 3	220-240, 50, 1	380-415, 50, 3	380-415, 50, 3
Inverter Type		3D DC	3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Btu/h	42000(11000-45000)	42000(11000-45000)	48000(14000-56000)	48000(14000-56000)	55000(17000-63000)
(min-rated-max)	kW	12.1(3.2-13.2)	12.1(3.2-13.2)	14.0(4.1-16.4)	14.0(4.1-16.4)	16.0(5.0-18.5)
Heating Capacity	Btu/h	46000(10000-50000)	46000(10000-50000)	56000(15000-63000)	56000(15000-63000)	62000(18000-70000)
(min-rated-max)	kW	13.5(3.0-14.7)	13.5(3.0-14.7)	16.4(4.4-18.5)	16.4(4.4-18.5)	18.2(5.2-20.5)
SEER (Average)	W/W	5.6	5.6	5.6	5.6	5.6
Energy Rate	Cooling	A+	A+	A+	A+	A+
SCOP(Average)	W/W	4.0	4.0	4.0	4.0	4.0
Energy Rate	Heating	A+	A+	A+	A+	A+
Tol	°C	-15	-15	-15	-15	-15
Air Flow Volume	m³/h	1850/1600/1400	1850/1600/1400	1850/1600/1400	1850/1600/1400	1900/1650/1450
Sound pressure	dB(A)	54/51/48	54/51/48	55/51/48	55/51/48	52/49/46
Sound Power Noise Level(Hi)	dB(A)	65	64	65	67	69
Dimension & Weight & Piping size						
Net Dimension (mm)	Body (WxDxH)	840x840x287	840x840x287	840x840x287	840x840x287	840x840x287
	Panel (WxDxH)	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
Packing Dimension (mm)	Body (WxDxH)	900x900x292	900x900x292	900x900x292	900x900x292	900x900x292
	Panel (WxDxH)	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross Weight (kg)	Body	26.1/30.1	26.1/30.1	28/32.1	28/32.1	31/34
	Panel	5/8	5/8	5/8	5/8	5/8
Piping Size (mm)	Liquid	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")
	Gas	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable area & Stuffing Quantity						
Applicable Area	m²	56-82	56-82	64-94	64-94	73-107
Stuffing Quantity (Set)	20'/40'/40'HQ	100/212/238	100/212/238	100/212/238	100/212/238	100/212/238

Remark:

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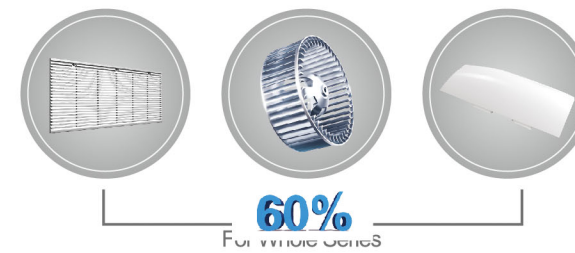
Ceiling & Floor

OUTSTANDING FEATURES

Ceiling & Floor

Easy Maintenance ▶

More than 60% parts and assemblies (such as fan wheel, plastic cases, metal parts and etc.) are universal for 3 different bodies, which makes the production and maintenance much easier.



Turbo ▶

This function can boost cooling or heating speed in a short period, and makes the room cool down or heat up rapidly.



Fresh Air ▶

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



3D Air Flow ▶

The unit has auto horizontal swing and auto vertical swing function, which supplies more even and comfortable air flow.



Standard Features

- Front Desk Control
- Error Alarm Port
- Twin Combination
- Sleep Mode
- 3D Air Flow
- Refrigerant Leakage Detect
- Louver Position Memory
- Anti-cold Air Function
- 2-way Draining
- Timer
- Low Ambient Cooling
- Emergency Using
- Fresh Air

Optional Features

- Remote In Engineer Mode
- Follow Me
- 8°C Heating
- Build-in Drain Pump
- Wired Control
- Central Control Management

Ceiling&Floor

Specification ▶

Indoor Unit Outdoor Unit		MUE-18HRFNI-QRDO MOB30U-18HFNI-QRDO	MUE-24HRFNI-QRDO MOCA30U-24HFNI-QRDO	MUE-30HRFNI-QRDO MOD30U-30HFNI-QRDO	MUE-36HRFNI-QRDO MOD30U-36HFNI-QRDO	MUE-36HRFNI-QRDO MOD30U-36HFNI-RRDO
Performance						
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	380-415, 50, 3
Inverter Type		3D DC	3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Btu/h	18000(2700-21000)	24000(4100-28000)	30000(7100-36000)	36000(10000-41000)	36000(10000-41000)
(min-rated-max)	kW	5.2(0.8-6.1)	7.0(1.2-8.2)	8.8(2.1-10.5)	10.5(2.9-12.0)	10.5(2.9-12.0)
Heating Capacity	Btu/h	19000(3000-24000)	26000(4100-32000)	32000(7100-37000)	38000(9000-45000)	38000(9000-45000)
(min-rated-max)	kW	5.6(0.9-7.0)	7.6(1.2-9.4)	9.4(2.1-10.8)	11.1(2.6-13.2)	11.1(2.6-13.2)
SEER (Average)	W/W	6.1	6.1	6.1	6.1	6.1
Energy Rate	Cooling	A++	A++	A++	A++	A++
SCOP(Average)	W/W	4.0	4.0	4.0	4.0	4.0
Energy Rate	Heating	A+	A+	A+	A+	A+
Tol	°C	-15	-15	-15	-15	-15
Air Flow Volume	m³/h	900/800/700	1180/1050/850	1650/1450/1250	2048/1767/1403	2048/1767/1403
Sound pressure	dB(A)	44/39/34	53/48/42	54/49/44	52/46/40	52/46/40
Sound Power Noise Level(HI)	dB(A)	56	64	65	65	65
Dimension & Weight & Piping size						
Net Dimension (mm)	WxDxH	1068x675x235	1068x675x235	1285x675x235	1650x675x235	1650x675x235
Packing Dimension (mm)	WxDxH	1145x755x313	1145x755x313	1380x755x313	1725x755x313	1725x755x313
Net/Gross Weight	kg	25.8/30.6	25/30	31/36.5	40.3/46.9	40.3/46.9
Piping Size (mm)	Liquid	6.35(1/4")	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")
	Gas	12.7(1/2")	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable area & Stuffing Quantity						
Applicable Area	m²	24-35	32-47	40-59	48-70	48-70
Stuffing Quantity (Set)	20'/40'/40'HQ	102/220/252	102/220/252	92/188/213	72/147/167	72/147/167

Specification ▶

Indoor Unit Outdoor Unit		MUE-42HRFNI-QRDO MOD30U-42HFNI-QRDO	MUE-42HRFNI-QRDO MOD30U-42HFNI-RRDO	MUE-48HRFNI-QRDO MOE30U-48HFNI-QRDO	MUE-48HRFNI-QRDO MOE30U-48HFNI-RRDO	MUE-55HRFNI-QRDO MOE30U-55HFNI-RRDO
Performance						
Power supply	V~, Hz, Ph	220-240, 50, 1	380-415, 50, 3	220-240, 50, 1	380-415, 50, 3	380-415, 50, 3
Inverter Type		3D DC	3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Btu/h	42000(11000-45000)	42000(11000-45000)	48000(14000-56000)	48000(14000-56000)	55000(17000-63000)
(min-rated-max)	kW	12.1(3.2-13.2)	12.1(3.2-13.2)	14.0(4.1-16.4)	14.0(4.1-16.4)	16.0(5.0-18.5)
Heating Capacity	Btu/h	46000(10000-50000)	46000(10000-50000)	56000(15000-63000)	56000(15000-63000)	62000(18000-70000)
(min-rated-max)	kW	13.5(3.0-14.7)	13.5(3.0-14.7)	16.4(4.4-18.5)	16.4(4.4-18.5)	18.2(5.2-20.5)
SEER (Average)	W/W	6.1	6.1	5.6	5.6	5.6
Energy Rate	Cooling	A++	A++	A+	A+	A+
SCOP(Average)	W/W	4.0	4.0	4.0	4.0	4.0
Energy Rate	Heating	A+	A+	A+	A+	A+
Tol	°C	-15	-15	-15	-15	-15
Air Flow Volume	m³/h	2271/ 1886 /1394	2271/ 1886 /1394	2100/1800/1400	2100/1800/1400	2250/1680/1280
Sound pressure	dB(A)	55/49/43	55/49/43	52/46/41	56/48/41	55/50/45
Sound Power Noise Level(HI)	dB(A)	67	67	67	68	70
Dimension & Weight & Piping size						
Net Dimension (mm)	WxDxH	1650x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Packing Dimension (mm)	WxDxH	1725x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313
Net/Gross Weight	kg	40.5/47	40.5/47	38.2/44.6	38.2/44.6	40.5/47
Piping Size (mm)	Liquid	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")	9.52(3/8")
	Gas	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable area & Stuffing Quantity						
Applicable Area	m²	56-82	56-82	64-94	64-94	73-107
Stuffing Quantity (Set)	20'/40'/40'HQ	72/147/167	72/147/167	72/147/167	72/147/167	72/147/167

Remark:

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Console

Standard Features

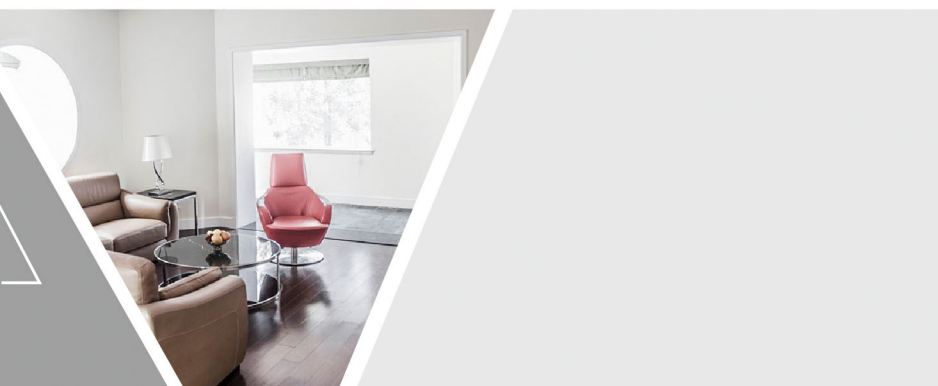
- Front Desk Control
- Refrigerant Leakage Detect
- Louver Position Memory
- Anti-cold Air Function
- Temperature Compensation
- Sleep Mode
- Turbo
- Timer
- Low Ambient Cooling
- Emergency Using

Optional Features

- Remote In Engineer Mode
- Follow Me
- Healthy Filters
- Central Control Management
- Wired Control

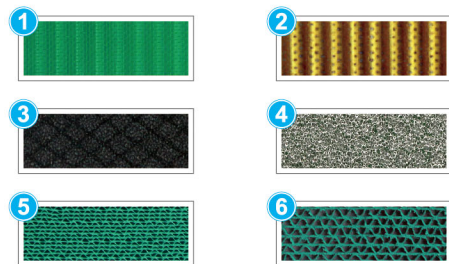
OUTSTANDING FEATURES

Console



Healthy Filters ▶

Midea's Fresco Tech brings you clean and refreshing air and fills your room with the soothing scent of nature.



1. Bio Filter
2. Vitamin C Filter
3. Cold Catalyst Filter

4. Silver Ion Filter
5. 3M HAF Filter
6. Nano Filter

2 Optional Air Outlet Ways ▶

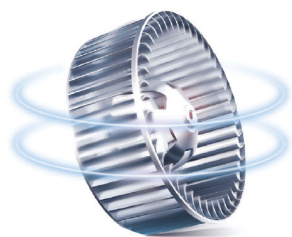
Both up and down air-outlet or up air-outlet only.



Quiet Design ▶

Without decreasing the flow volume, the large diameter cross flow fan can greatly reduce the noise level of the indoor unit.

- Large Centrifugal Fan Blade
- Low Noise
- High Airflow Volume



Wired Controller ▶

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



Console

Specification ▶

Indoor Unit Outdoor Unit		MFAU-12HRFN1-QRC8W MOB30U-12HFN1-QRDOW	MFAU-16HRFN1-QRC8W MOB30U-18HFN1-QRDO
Performance			
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1
Inverter Type		3D DC	3D DC
Cooling Capacity(min-rated-max)	Btu/h	12000(2100-15000)	16000(2400-19000)
	kW	3.5(0.6-4.4)	4.7(0.7-5.5)
Heating Capacity(min-rated-max)	Btu/h	13000(2100-17000)	17000(2700-23000)
	kW	3.8(0.6-5.0)	5.0(0.8-6.7)
SEER (Average)	W/W	6.3	5.8
Energy Rate	Cooling	A++	A+
SCOP(Average)	W/W	4.0	4.0
Energy Rate	Heating	A+	A+
Tol	°C	-15	-15
Air Flow Volume	m³/h	550/470/360	740/700/640
Sound pressure	dB(A)	47/41/35	48/42/38
Sound Power Noise Level(HI)	dB(A)	58	59
Dimension & Weight & Piping size			
Net Dimension (mm)	WxDxH	700x600x210	700x600x210
Packing Dimension (mm)	WxDxH	810x710x305	810x710x305
Net/Gross Weight	kg	15/20	15/20
Piping Size (mm)	Liquid	6.35(1/4")	6.35(1/4")
	Gas	9.52(3/8")	12.7(1/2")
Applicable area & Stuffing Quantity			
Applicable Area	m²	16-23	21-31
Stuffing Quantity (Set)	20'/40'/40'HQ	165/338/380	165/338/380

Remark:

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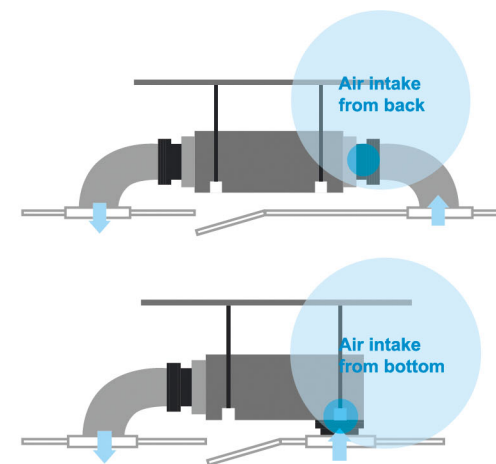


OUTSTANDING FEATURES

Duct

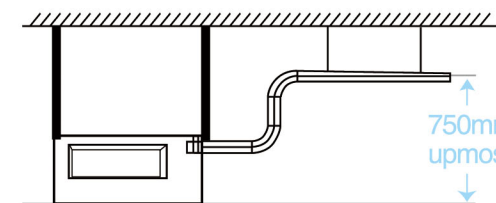
Flexible Air Intake Ways ▶

Air inlet from back standard and from bottom optional. The size of the plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom.



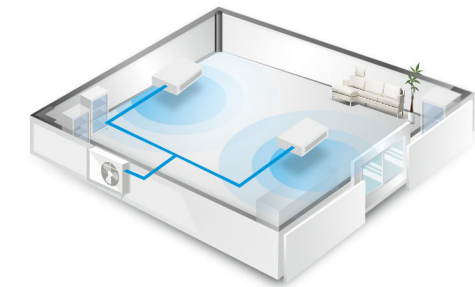
Built-in Drain Pump (Optional) ▶

The drain pump can lift the condensing water up to 750mm.



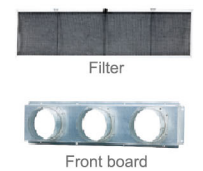
Twin Combination ▶

The units can be installed as twin systems: one outdoor unit can be connected with two same indoor units. The indoor units can be combined in any of the different available ratings.



Optional Accessories ▶

Optional accessories are available to meet the different needs of customers and enhance performance.



Fresh Air ▶

Fresh air hole as standard, it's easy to connect with air from outside and brings fresh and comfortable feeling.



Standard Features

- Adjustable Static Pressure Switch
- Front Desk Control
- Error Alarm Port
- Twin Combination
- Wired Control
- Refrigerant Leakage Detect
- Louver Position Memory
- Temperature Compensation
- Anti-cold Air Function
- 2-way Draining
- Timer
- Low Ambient Cooling
- Emergency Using
- Fresh Air

Optional Features

- Remote In Engineer Mode
- Follow Me
- Built-in Drain Pump
- Central Control Management

Duct

Specification ▶

Indoor Unit Outdoor Unit		MTBU-12HWFNI-QRDOW MOB30U-12HFNI-QRDOW	MTB-18HWFNI-QRDO MOB30U-18HFNI-QRDO	MTB-24HWFNI-QRDO MOCA30U-24HFNI-QRDO
Performance				
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inverter Type		3D DC	3D DC	3D DC
Cooling Capacity(min-rated-max)	Btu/h	12000(2100-15000)	18000(2700-21000)	24000(4100-28000)
	kW	3.5(0.6-4.4)	5.2(0.8-6.1)	7.0(1.2-8.2)
Heating Capacity(min-rated-max)	Btu/h	13000(2100-17000)	19000(3000-24000)	26000(4100-32000)
	kW	3.8(0.6-5.0)	5.6(0.9-7.0)	7.6(1.2-9.4)
SEER (Average)	W/W	6.1	6.1	6.1
Energy Rate	Cooling	A++	A++	A++
SCOP(Average)	W/W	4.0	4.0	4.0
Energy Rate	Heating	A+	A+	A+
Tol	°C	-15	-15	-15
Air Flow Volume	m³/h	680/580/450	1050/900/780	1360/1200/970
Sound pressure	Pa	0-45	0-45	0-100
Sound Power Noise Level(HI)	dB(A)	42/38/35	44/40/37	46/42/38
Dimension & Weight & Piping size	dB(A)	59	57	60
Net Dimension (mm)				
Packing Dimension (mm)	WxDxH	700x635x210	920x635x270	920x635x270
Net/Gross Weight	WxDxH	915x655x290	1135x655x350	1135x655x350
Piping Size (mm)	kg	18.4/22.7	26.9/31.5	28/31.5
	Liquid	6.35(1/4")	6.35(1/4")	9.52(3/8")
Applicable area & Stuffing Quantity	Gas	9.52(3/8")	12.7(1/2")	15.9(5/8")
Applicable Area				
Stuffing Quantity (Set)	m²	16-23	24-35	32-47
	20'/40'/40'HQ	173/340/380	110/230/260	110/230/260

Specification ▶

Indoor Unit Outdoor Unit		MTB-30HWFNI-QRDO MOD30U-30HFNI-QRDO	MTB-36HWFNI-QRDO MOD30U-36HFNI-QRDO	MTB-36HWFNI-QRDO MOD30U-36HFNI-RRDO
Performance				
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	380-415, 50, 3
Inverter Type		3D DC	3D DC	3D DC
Cooling Capacity(min-rated-max)	Btu/h	30000(7100-36000)	36000(10000-41000)	36000(10000-41000)
	kW	8.8(2.1-10.5)	10.5(2.9-12.0)	10.5(2.9-12.0)
Heating Capacity(min-rated-max)	Btu/h	32000(7100-37000)	38000(9000-45000)	38000(9000-45000)
	kW	9.4(2.1-10.8)	11.1(2.6-13.2)	11.1(2.6-13.2)
SEER (Average)	W/W	6.1	6.1	6.1
Energy Rate	Cooling	A++	A++	A++
SCOP(Average)	W/W	4.0	4.0	4.0
Energy Rate	Heating	A+	A+	A+
Tol	°C	-15	-15	-15
Air Flow Volume	m³/h	1580/1400/1100	1750/1500/1280	1750/1500/1280
Sound pressure	Pa	0-100	0-100	0-100
Sound Power Noise Level(HI)	dB(A)	53/48/44	46/43/40	46/43/40
Dimension & Weight & Piping size	dB(A)	65	64	64
Net Dimension (mm)				
Packing Dimension (mm)	WxDxH	1140x775x270	1200x865x300	1200x865x300
Net/Gross Weight	WxDxH	1355x795x350	1405x920x373	1405x920x373
Piping Size (mm)	kg	35/42	45/53	45/53
	Liquid	9.52(3/8")	9.52(3/8")	9.52(3/8")
Applicable area & Stuffing Quantity	Gas	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable Area				
Stuffing Quantity (Set)	m²	40-59	48-70	48-70
	20'/40'/40'HQ	75/153/170	60/126/147	60/126/147

Remark:

Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.

Duct

Specification ▶

Indoor Unit Outdoor Unit		MTB-42HWFNI-QRDO MOD30U-42HFNI-QRDO	MTB-42HWFNI-QRDO MOD30U-42HFNI-RRDO	MTB-48HWFNI-QRDO MOE30U-48HFNI-QRDO
Performance				
Power supply	V~, Hz, Ph	220-240, 50, 1	380-415, 50, 3	220-240, 50, 1
Inverter Type		3D DC	3D DC	3D DC
Cooling Capacity(min-rated-max)	Btu/h	42000(11000-45000)	42000(11000-45000)	48000(14000-56000)
	kW	12.1(3.2-13.2)	12.1(3.2-13.2)	14.0(4.1-16.4)
Heating Capacity(min-rated-max)	Btu/h	46000(10000-50000)	46000(10000-50000)	56000(15000-63000)
	kW	13.5(3.0-14.7)	13.5(3.0-14.7)	16.4(4.4-18.5)
SEER (Average)	W/W	5.8	5.8	5.8
Energy Rate	Cooling	A+	A+	A+
SCOP(Average)	W/W	4.0	4.0	4.0
Energy Rate	Heating	A+	A+	A+
Tol	°C	-15	-15	-15
Air Flow Volume	m³/h	2200/1900/1600	2200/1900/1600	2200/1900/1600
Sound pressure	Pa	0-100	0-100	0-100
Sound Power Noise Level(HI)	dB(A)	50/47/44	50/47/44	50/47/44
Dimension & Weight & Piping size	dB(A)	68	68	68
Net Dimension (mm)				
Packing Dimension (mm)	WxDxH	1200x865x300	1200x865x300	1200x865x300
Net/Gross Weight	WxDxH	1405x920x373	1405x920x373	1405x920x373
Piping Size (mm)	kg	43.4/52	43.4/52	43.2/51.6
	Liquid	9.52(3/8")	9.52(3/8")	9.52(3/8")
Applicable area & Stuffing Quantity	Gas	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable Area				
Stuffing Quantity (Set)	m²	56-82	56-82	64-94
	20'/40'/40'HQ	60/126/147	60/126/147	60/126/147

Specification ▶

Indoor Unit Outdoor Unit		MTB-48HWFNI-QRDO MOE30U-48HFNI-RRDO	MTB-55HWFNI-QRDO MOE30U-55HFNI-RRDO
Performance			
Power supply	V~, Hz, Ph	380-415, 50, 3	380-415, 50, 3
Inverter Type		3D DC	3D DC
Cooling Capacity(min-rated-max)	Btu/h	48000(14000-56000)	55000(17000-63000)
	kW	14.0(4.1-16.4)	16.0(5.0-18.5)
Heating Capacity(min-rated-max)	Btu/h	56000(15000-63000)	62000(18000-70000)
	kW	16.4(4.4-18.5)	18.2(5.2-20.5)
SEER (Average)	W/W	5.6	5.6
Energy Rate	Cooling	A+	A+
SCOP(Average)	W/W	4.0	4.0
Energy Rate	Heating	A+	A+
Tol	°C	-15	-15
Air Flow Volume	m³/h	2200/1900/1600	2200/1900/1600
Sound pressure	Pa	0-100	0-100
Sound Power Noise Level(HI)	dB(A)	50/47/44	50/47/45
Dimension & Weight & Piping size	dB(A)	68	69
Net Dimension (mm)			
Packing Dimension (mm)	WxDxH	1200x865x300	1200x865x300
Net/Gross Weight	WxDxH	1405x920x373	1405x920x373
Piping Size (mm)	kg	43.2/51.6	43.1/51.5
	Liquid	9.52(3/8")	9.52(3/8")
Applicable area & Stuffing Quantity	Gas	15.9(5/8")	15.9(5/8")
Applicable Area			
Stuffing Quantity (Set)	m²	64-94	73-107
	20'/40'/40'HQ	60/126/147	60/126/147

Remark:

Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.

GA Floor Standing



Standard Features

- Silent
- Independent Dehumidification
- Self-diagnosis and Auto-protection
- Anti-rust Cabinet
- Easy Cleaning Panel
- LCD Display

Optional Features

- Golden Fin
- Auto Restart Function
- Auxiliary Electric Heater
- Silver Ion Filter

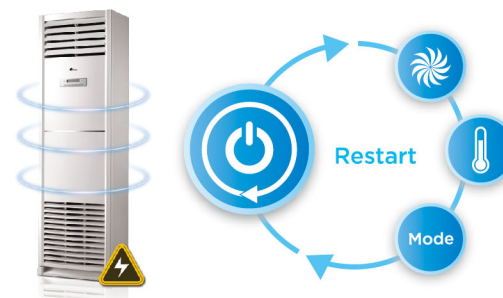
OUTSTANDING FEATURES

GA Floor Standing



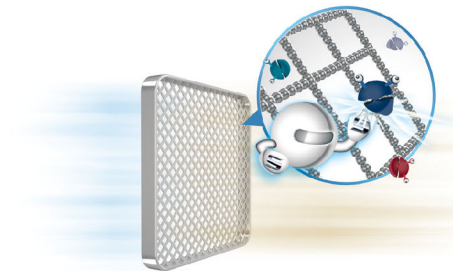
Auto-Restart ▶

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.



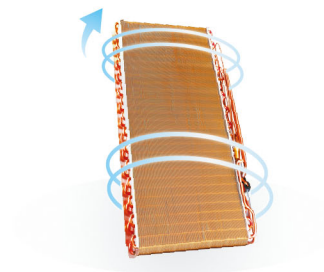
Silver Ion Filter(Optional) ▶

Sterilize bacteria effectively by decomposing cell wall of bacteria.



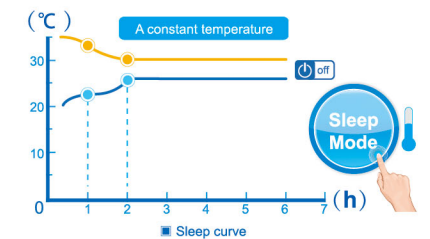
Golden Fin ▶

The unique anticorrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements. And also effectively prevent bacteria breeding and improve heat transfer efficiency.



Sleep Mode ▶

The function enables the air conditioner to automatically increase cooling or decrease heating 1 °C per hour for the first two hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort in night.



GA Floor Standing

Specification ▶

Indoor Unit		MFGA-55ARFN1-RRD0(B)
Outdoor Unit		MOE30U-55HFN1-RRD0
Performance		
Power supply	V~, Hz, Ph	380-415, 50, 3
Inverter Type		3D DC
Cooling Capacity(min-rated-max)	Btu/h	55000(17000-60000)
	kW	16.0(5.0-17.5)
Heating Capacity(min-rated-max)	Btu/h	58000(18000-65000)
	kW	17.0(5.2-19.0)
SEER (Average)	W/W	5.8
Energy Rate	Cooling	A+
SCOP(Average)	W/W	4.0
Energy Rate	Heating	A+
Tol	°C	-15
Air Flow Volume	m³/h	2300/2050
Sound pressure	dB(A)	60/57
Sound Power Noise Level(Hi)	dB(A)	67
Dimension & Weight & Piping size		
Net Dimension (mm)	WxDxH	610x390x1925
Packing Dimension (mm)	WxDxH	2040x745x545
Net/Gross Weight	kg	62 / 81
Piping Size (mm)	Liquid	9.52(3/8")
	Gas	15.9(5/8")
Applicable area & Stuffing Quantity		
Applicable Area	m²	73-107
Stuffing Quantity (Set)	20'/40'/40'HQ	33/69/80



Free Match Inverter

Wide Choices



Remark:

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Free Match-Outdoor Units

Specification ▶

Outdoor Unit System Format		M2OE-16HFNI-Q 1 drive 2	M2OF-18HFNI-Q 1 drive 2	M3OE-21HFNI-Q 1 drive 3	M3OE-27HFNI-Q 1 drive 3
Performance					
Power Supply	V~, Hz, Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Air Flow	m ³ /h	2000	2100	2700	2700
Sound Power Noise Level	dB(A)	65	65	64	68
Sound Pressure Noise Level	dB(A)	56	56	58	58
Outdoor Unit					
Net Dimension	mm(WxDxH)	800x333x554	800x333x554	914x360x607	914x360x607
Packing Dimension	mm(WxDxH)	920x390x615	920x390x615	965x395x755	965x395x755
Net/Gross Weight	kg	35/38	37/40	50/54	52/56
Liquid/Gas Side	Φmm	2x(6.35/9.52)	2x(6.35/9.52)	3x(6.35/9.52)	3x(6.35/9.52)
Max. pipe length(each indoor)	m	15	15	15	15
Max. heigh difference(each indoor)	m	10	10	10	10
Piping Size & Stuffing Quantity					
Stuffing Quantity (Set)	20'/40'/40'HQ	108/219/292	108/219/292	102/215/216	102/215/216

Space-saving Installation ▶

Up to five indoor units can be connected to a single outdoor unit, reducing the number of outdoor units required. All indoor units can be individually controlled and do not need to be installed even at the same time.

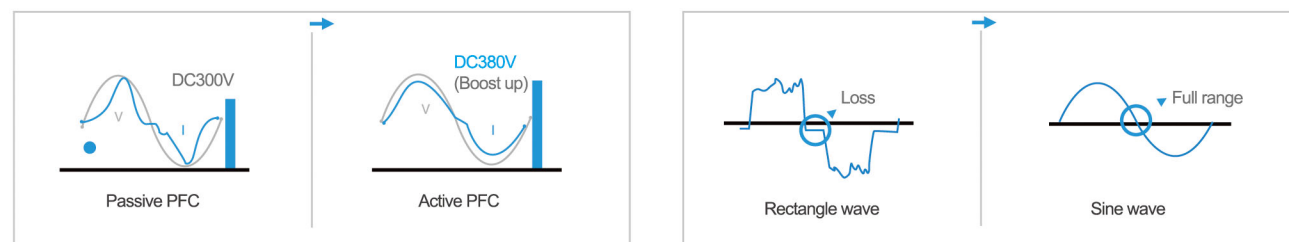


Specification ▶

Outdoor Unit System Format		M4OE-28HFNI-Q 1 drive 4	M4OB-36HFNI-Q 1 drive 4	M5OE-42HFNI-Q 1 drive 5
Performance				
Power Supply	V~, Hz, Ph	220-240,50,1	220-240,50,1	220-240,50,1
Air Flow	m ³ /h	4300	4300	4300
Sound Power Noise Level	dB(A)	70	67	72
Sound Pressure Noise Level	dB(A)	59	64	66
Outdoor Unit				
Net Dimension	mm(WxDxH)	946x410x810	946x410x810	946x410x810
Packing Dimension	mm(WxDxH)	1090x500x865	1090x500x865	1090x500x865
Net/Gross Weight	kg	65/69	78/88	84/93
Liquid/Gas Side	Φmm	4x(6.35/9.52)	4x(6.35/9.52)+1x(6.35/12.7)	4x(6.35/9.52)+1x(6.35/12.7)
Max. pipe length(each indoor)	m	15	15	15
Max. heigh difference(each indoor)	m	10	10	10
Piping Size & Stuffing Quantity				
Stuffing Quantity (Set)	20'/40'/40'HQ	44/96/144	44/96/144	44/96/144

Energy Saving ▶

Cutting-edge DC inverter of sine wave control and active PFC technology make quieter and more economical operation.



Remark:

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Free Match-Indoor Units

Indoor Unit	MSTIMI-07HRFNI-QW MSABAU-07HRFNI-QRDOGW			MSVPAU-09HRFNI-QRDOGW MSTIMU-09HRFNI-QRDOGW MSTCAU-09HRFNI-QRDOGW(B) MSABAU-09HRFNI-QRDOGW MSAEAU-09HRFNI-QRDOGW		
	7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9
Combination	7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16500	21000	30000	18000	27000
	kW	4.8	6.1	8.8	5.3	7.9
Heating Capacity	Btu/h	17000	23000	31500	20000	29000
	kW	5.0	6.7	9.2	5.9	8.2
SEER (Average)	W/W	6.1	6.1	6.0	6.0	6.1
Energy Rate	Cooling	A++	A++	A++	A+	A++
	SCOP(Average)	W/W	4.0	4.0	4.0	4.2
Energy Rate	Heating	A+	A+	A+	A+	A+
Tbiv	°C	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15

Vertu Plus ▶

Unit Performance		MSVPAU-09HRFNI-QRDOGW	MSVPBU-12HRFNI-QRDOGW	MSVPCU-18HRFNI-QRDOGW	MSVPDU-24HRFNI-QRDOGW
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	9000	12000	18000	24000
	kW	2.6	3.52	5.28	7.0
Rated Heating capacity	Btu/h	10000	13000	19000	25000
	kW	3.0	3.81	5.57	7.3
Air Flow Volume (m3/h)	Hi/Mi/Lo	400/330/250	500/360/270	800/650/550	1050/850/650
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	34/28/23	37/29/23	43/37/32	49/41/34
Sound Power Noise Level (dB(A))	Hi	49	50	58	62
Net Dimension (mm)	Indoor (W*H*D)	897x180x312	897x180x312	1004x205x350	1130x216x368
Packing Dimension (mm)	Indoor (W*H*D)	985x260x385	985x260x385	1095x290x425	1215x310x455
Net / Gross Weight (kg)	Indoor	9.5/13.1	9.9/13.6	13 /17	16.4/21.1
Piping Size (mm(inch))	Liquid	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.52(3/8")
	Gas	Φ9.52(3/8")	Φ9.52(3/8")	Φ12.7(1/2")	Φ15.9(5/8")
Applicable Area (m2)		12-18	16-23	24-35	32-47

Oasis ▶

Indoor Unit		MSTIMI-07HRFNI-QW	MSTIMU-09HRFNI-QRDOGW	MSTIMU-12HRFNI-QRDOGW	MSTIMU-18HRFNI-QRDOGW	MSTIMU-24HRFNI-QRDOGW
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	7000	9500	12000	18000	24000
	kW	2.05	2.78	3.52	5.28	7.0
Rated Heating capacity	Btu/h	8000	10000	13000	19000	25000
	kW	2.34	2.93	3.81	5.57	7.3
Air Flow Volume (m3/h)	Hi/Mi/Lo	450/400/280	450/400/280	520/430/320	830/620/500	1450/1300/1200
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	36/30/24	36/30/24	37/30/25	43/36/27	46/40/32
Sound Power Noise Level (dB(A))	Hi	52	52	52	58	62
Net Dimension (mm)	Indoor (W*H*D)	750x198x280	750x198x280	835x198x280	990x218x315	1186x258x343
Packing Dimension (mm)	Indoor (W*H*D)	830x270x355	830x270x355	910x270x355	1065x300x400	1265x420x340
Net / Gross Weight (kg)	Indoor	7 / 9	7.8/9.9	8.7/11.2	11.8/15	15.6/20.6
Piping Size (mm(inch))	Liquid	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.52(3/8")
	Gas	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")	Φ12.7(1/2")	Φ15.9(5/8")
Applicable Area (m2)		10-15	13-19	16-23	24-35	32-47

Remark:
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Free Match-Indoor Units

Toscana ▶

Unit Performance		MSTCAU-09HRFNI-QRDOGW(B)	MSTCBU-12HRFNI-QRDOGW(B)	MSTCCU-18HRFNI-QRDOGW(B)	MSTCDU-24HRFNI-QRDOGW(B)
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	9000	12000	18000	24000
	kW	2.64	3.52	5.28	7.03
Rated Heating capacity	Btu/h	10000	13000	19000	26000
	kW	2.93	3.81	5.57	7.62
Air Flow Volume (m3/h)	Hi/Mi/Lo	450/380/250	550/460/300	810/680/560	1050/960/590
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	37/32/23	38/32/23	43/36/31	49/41/33
Sound Power Noise Level (dB(A))	Hi	52	52	57	61
Net Dimension (mm)	Indoor (W*H*D)	770x200x294	850x204x302	1010x230x326	1130x240x340
Packing Dimension (mm)	Indoor (W*H*D)	845x285x375	960x290x385	1085x405x325	1205x420x330
Net / Gross Weight (kg)	Indoor	7.8/10	8.6/11.6	11.4/15.1	13.7/17.4
Piping Size (mm(inch))	Liquid	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.52(3/8")
	Gas	Φ9.52(3/8")	Φ9.52(3/8")	Φ12.7(1/2")	Φ15.9(5/8")
		12-18	16-23	24-35	32-47

Aurora ▶

Indoor Unit		MSABAU-07HRFNI-QRDOGW(B)	MSABAU-09HRFNI-QRDOGW(B)	MSABBU-12HRFNI-QRDOGW(B)	MSABDU-18HRFNI-QRDOGW(B)	MSABEU-24HRFNI-QRDOGW(B)
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	7000	9000	12000	18000	24000
	kW	2.05	2.64	3.52	5.28	7.03
Rated Heating capacity	Btu/h	8500	10000	13000	19000	25000
	kW	2.34	2.93	3.81	5.57	7.3
Air Flow Volume (m3/h)	Hi/Mi/Lo	400/300/230	420/310/240	520/460/270	750/500/420	1060/830/610
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	37/28/23	37/29/23	39/34/24	43/36/30	49/42/34
Sound Power Noise Level (dB(A))	Hi	52	52	53	58	61.7
Net Dimension (mm)	Indoor (W*H*D)	722x187x290	722x187x290	802x189x297	965x215x319	1080x226x335
Packing Dimension (mm)	Indoor (W*H*D)	790x270x370	790x270x370	875x285x375	1045x305x405	1155x415x315
Net / Gross Weight (kg)	Indoor	7.4/9.6	7.4/9.6	8.2/10.7	10.7/14	13/16.6
Piping Size (mm(inch))	Liquid	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.52(3/8")
	Gas	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")	Φ12.7(1/2")	Φ15.9(5/8")
		10-15	12-18	16-23	24-35	32-47

Remark:
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Free Match-Indoor Units

All Easy ▶

Unit Performance		MSAEAU-09HRFN1-QRDOGW	MSAEBU-12HRFN1-QRDOGW	MSAECU-18HRFN1-QRDOGW	MSAEDU-24HRFN1-QRDOGW
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	9000	12000	17500	24000
	kW	2.64	3.52	5.13	7.03
Rated Heating capacity	Btu/h	10000	12500	18000	25000
	kW	2.93	3.66	5.28	7.3
Air Flow Volume (m3/h)	Hi/Mi/Lo	470/360/260	470/500/300	870/770/580	1200/1080/880
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	39/35/27	41/36/28	43/39/32	46/40/36
Sound Power Noise Level (dB(A))	Hi	52	53	58	60
Net Dimension (mm)	Indoor (W*H*D)	716x300x193	804x300x193	964x325x222	1106x342x232
Packing Dimension (mm)	Indoor (W*H*D)	785x375x285	875x375x285	1045x405x305	1195x420x315
Net / Gross Weight (kg)	Indoor	7/9.3	7.7/10.2	10.1/13.6	13.2/17
Piping Size (mm(inch))	Liquid	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.52(3/8")
	Gas	Φ9.52(3/8")	Φ9.52(3/8")	Φ12.7(1/2")	Φ15.9(5/8")
		12-18	16-23	24-35	32-47

Forest ▶

Unit Performance		MSAFU-09HRFN1-QRDOGW	MSAFBU-12HRFN1-QRDOGW	MSAFUCU-18HRFN1-QRDOGW	MSAFUDU-24HRFN1-QRDOGW
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	9000	12000	17500	24000
	kW	2.64	3.52	5.13	7.03
Rated Heating capacity	Btu/h	10000	12500	18000	25000
	kW	2.93	3.66	5.28	7.3
Air Flow Volume (m3/h)	Hi/Mi/Lo	430/320/220	430/320/220	600/450/360	1150/1070/880
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	39/35/27	41/36/28	43/39/32	46/40/36
Sound Power Noise Level (dB(A))	Hi	52	52	57	61
Net Dimension (mm)	Indoor (W*H*D)	715x285x194	805x285x194	957x302x213	1040x327x220
Packing Dimension (mm)	Indoor (W*H*D)	780x360x270	870x360x270	1035x380x295	1120x405x310
Net / Gross Weight (kg)	Indoor	7.0 / 9.5	8.0 / 10.0	10.5/12.5	12.5/15.5
Piping Size (mm(inch))	Liquid	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ9.52(3/8")
	Gas	Φ9.52(3/8")	Φ9.52(3/8")	Φ12.7(1/2")	Φ15.9(5/8")
		12-18	16-23	23-34	32-47

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.

Free Match-Indoor Units

Compact Round Flow Cassette ▶

Indoor Unit		MCA3I-07HRFN1-QRC8			MCA3I-09HRFN1-QRC8		
Combination		7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16000	21000	30000	18000	27000	36000
	kW	4.7	6.1	8.8	5.2	7.9	10.5
Heating Capacity	Btu/h	18000	23000	32000	20000	29000	43000
	kW	5.3	6.7	9.4	5.9	8.5	12.6
SEER (Average)	W/W	6.0	6.1	6.3	6.5	5.8	5.4
Energy Rate	Cooling	A	A+	A++	A++	A+	A
SCOP(Average)	W/W	4.2	4.1	4.0	4.1	4.1	3.8
Energy Rate	Heating	A+	A+	A+	A+	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15

Indoor Unit		MCA3I-07HRFN1-QRC8	MCA3I-09HRFN1-QRC8	MCA3U-12HRFN1-QRDOW	MCA3I-18HRDN1-QRC8
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	7000	9000	12000	18000
	kW	2.05	2.64	3.52	5.27
Rated Heating capacity	Btu/h	8000	11000	13000	18000
	kW	2.34	3.20	3.81	5.27
Air Flow Volume (m3/h)	Hi/Mi/Lo	650/510/420	650/510/420	650/530/450	760/650/530
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	42/38/34	42/38/34	42/38/34	48/43/41
Sound Power Noise Level (dB(A))	Hi	53	53	58	59
Net Dimension (mm)	Body (WxDxH)	570x570x260	570x570x260	570x570x260	570x570x260
	Panel (WxDxH)	647x647x50	647x647x50	647x647x50	647x647x50
Packing Dimension (mm)	Body (WxDxH)	655x655x290	655x655x290	655x655x290	655x655x290
	Panel (WxDxH)	715x715x123	715x715x123	715x715x123	715x715x123
Net / Gross Weight (kg)	Body	14.5/17.3	14.5/17.3	16/19	16.1/18.9
	Panel	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5
Piping Size (mm(inch))	Liquid	Φ6.35(1/4)	Φ6.35(1/4)	Φ6.35(1/4)	Φ6.35(1/4)
	Gas	Φ9.52(3/8)	Φ9.52(3/8)	Φ9.52(3/8)	Φ12.7(1/2)
		10-15	12-18	16-23	23-34

Duct ▶

Indoor Unit		MCA3I-07HRFN1-QRC8			MCA3I-09HRFN1-QRC8		
Combination		7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16000	21000	30000	18000	27000	36000
	kW	4.7	6.1	8.8	5.2	7.9	10.5
Heating Capacity	Btu/h	18000	23000	32000	20000	29000	43000
	kW	5.3	6.7	9.4	5.9	8.5	12.6
SEER (Average)	W/W	6.0	6.1	6.3	6.5	5.8	5.4
Energy Rate	Cooling	A	A+	A++	A++	A+	A
SCOP(Average)	W/W	4.2	4.1	4.0	4.1	4.1	3.8
Energy Rate	Heating	A+	A+	A+	A+	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15

Indoor Unit		MCA3I-07HRFN1-QRC8	MCA3I-09HRFN1-QRC8	MCA3U-12HRFN1-QRDOW	MCA3I-18HRDN1-QRC8
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Rated Cooling capacity	Btu/h	7000	9000	12000	18000
	kW	2.05	2.64	3.52	5.27
Rated Heating capacity	Btu/h	8000	11000	13000	18000
	kW	2.34	3.20	3.81	5.27
Air Flow Volume (m3/h)	Hi/Mi/Lo	650/510/420	650/510/420	650/530/450	760/650/530
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	42/38/34	42/38/34	42/38/34	48/43/41
Sound Power Noise Level (dB(A))	Hi	53	53	58	59
Net Dimension (mm)	Body (WxDxH)	570x570x260	570x570x260	570x570x260	570x570x260
	Panel (WxDxH)	647x647x50	647x647x50	647x647x50	647x647x50
Packing Dimension (mm)	Body (WxDxH)	655x655x290	655x655x290	655x655x290	655x655x290
	Panel (WxDxH)	715x715x123	715x715x123	715x715x123	715x715x123
Net / Gross Weight (kg)	Body	14.5/17.3	14.5/17.3	16/19	16.1/18.9
	Panel	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5
Piping Size (mm(inch))	Liquid	Φ6.35(1/4)	Φ6.35(1/4)	Φ6.35(1/4)	Φ6.35(1/4)
	Gas	Φ9.52(3/8)	Φ9.52(3/8)	Φ9.52(3/8)	Φ12.7(1/2)
		10-15	12-18	16-23	23-34

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.

Free Match-Indoor Units

Console ▶

Indoor Unit	MFAI-07HRFNI-QRC8			MFAI-09HRDNI-QRC8		
Combination	7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16000	22000	29700	18000	27000
	kW	4.7	6.4	8.7	5.3	7.9
Heating Capacity	Btu/h	17000	23000	32000	20500	29000
	kW	5.0	6.7	9.4	6.0	8.5
SEER (Average)	W/W	6.2	6.3	6.7	6.2	6.3
Energy Rate	Cooling	A++	A++	A++	A++	A
SCOP(Average)	W/W	4.0	4.0	4.1	4.0	4.0
Energy Rate	Heating	A+	A+	A+	A+	A
Tbiv	°C	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15

Indoor Unit	MFAI-07HRFNI-QRC8	MFAI-09HRFNI-QRC8	MFAU-12HRFNI-QRC8W	MFAI-18HRDNI-QRC8
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Cooling Capacity	Btu/h	7000	9000	12000
	kW	2.05	2.64	3.52
Heating Capacity	Btu/h	8000	10000	13000
	kW	2.34	2.93	3.81
Air Flow Volume (m3/h)	Hi/Mi/Lo	550/470/360	550/470/360	550/470/360
Sound Pressure Noise Level (dB(A))	Hi/Mi/Lo	47/41/35	47/41/35	47/41/35
Sound Power Noise Level (dB(A))	Hi	58	58	58
Net Dimension (mm)	Indoor(WxDxH)	700x600x210	700x600x210	700x600x210
Packing Dimension (mm)	Indoor(WxDxH)	810x710x305	810x710x305	810x710x305
Net / Gross Weight (kg)	Indoor	13.6/18.6	13.5/18	15/20
Piping Size (mm(Inch))	Liquid	Φ6.35(1/4)	Φ6.35(1/4)	Φ6.35(1/4)
	Gas	Φ9.52(3/8)	Φ9.52(3/8)	Φ12.7(1/2)
Applicable Area (m2)		10-15	12-18	16-23

Remark:
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PF Portable



Standard Features

- Sleep Mode
- Auto Swing
- Self-evaporative System
- Self-diagnosis and Auto-protection
- Auto Restart Function
- Timer
- Omni-directional Caster
- Easy Installation

Optional Features

- WiFi Control
- Follow Me
- Ionizer
- Auxiliary Electric Heater

FEATURES & SPECIFICATIONS

PF Portable



Wi-Fi Control ▶

With the WIFI control, you can easily turn on and turn off the AC outside your house via smart device.



Follow Me ▶

Temperature sensor built in the remote controller will sense its surrounding temperature. So the unit can adjust room temperature more accurately and make you more comfort.

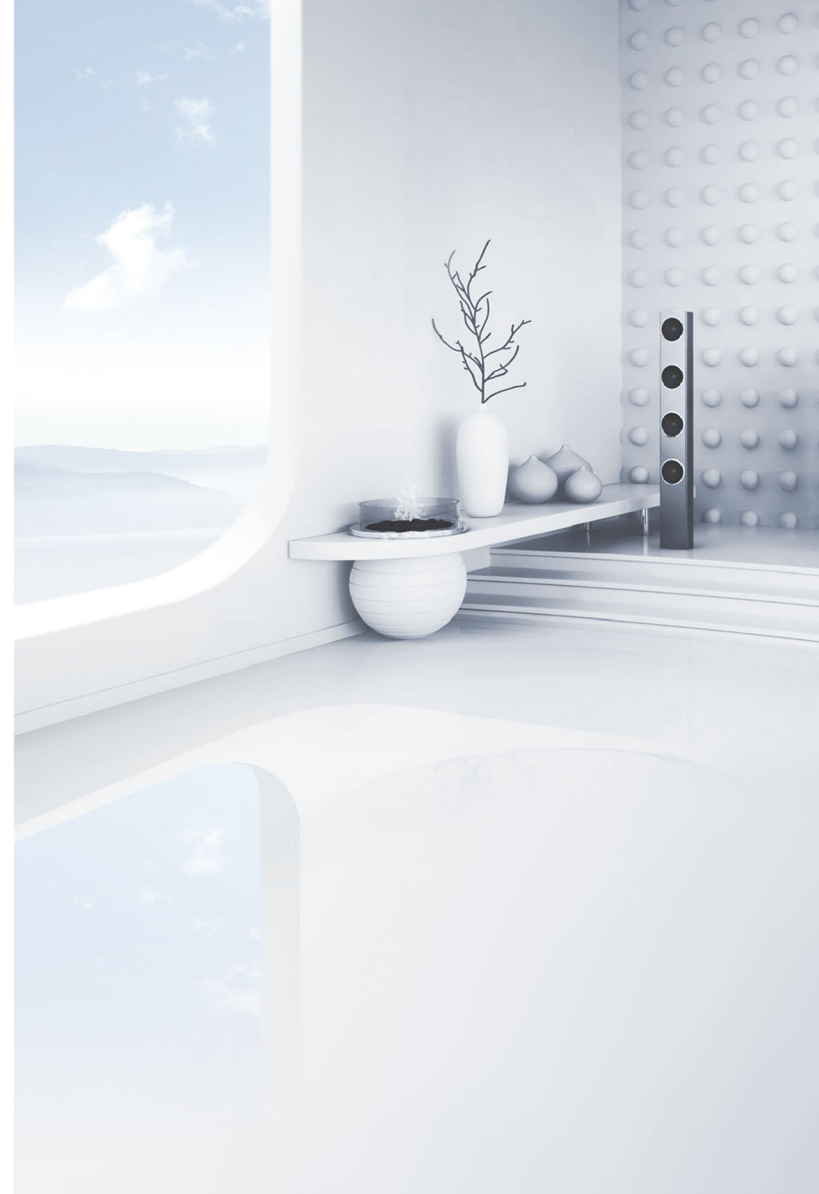


PF Portable

Specification ▶

Model NO.		MPPF-09CRNI-QB6	MPPF-12CRNI-QB6	MPPF-12HRNI-QB6
Capacity				
Cooling Capacity	Btu/h	9000	12000	11500
	kW	2.64	3.52	3.37
Heating Capacity	Btu/h	-	-	10000
	kW	-	-	2.93
Electrical Parts				
Power Supply(V-,Hz,Ph)		220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Power Input (W)	Cooling	1010	1350	1290
	Heating	-	-	1130
Operating Current (A)	Cooling	4.4	5.9	5.7
	Heating	-	-	5.0
Performance				
EER (W/W)		2.6	2.6	2.6 / 2.6
Energy Rate		A	A	A / A+
Moisture Removal	l/h	1.6	2.0	2.0
Air Flow Volume (m ³ /h)		300	320	320
Sound Power Level (dB(A))	Hi Speed	65	65	65
Dimension & Weight & Piping Size				
Net Dimension (mm)	WxDxH	435x330x730	458x774x365	458x774x365
Packing Dimension (mm)	WxDxH	474x401x872	515x443x880	515x443x880
Net /Gross Weight (kg)		26/30.5	32.5/37.5	34/39
Applicable Area/Stuffing Qty				
Applicable Area (m ²)		12-18	16-23	16-23
Stuffing Quantity (Set)	20/40/HQ	136/423	114/238/355	114/238/355

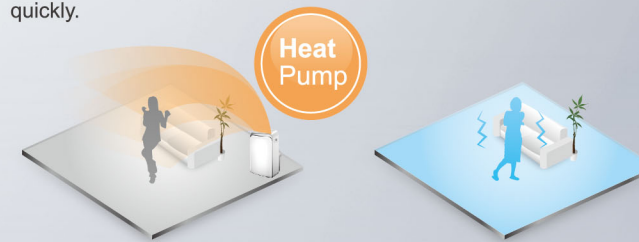
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PD Portable

Heat Pump Function ▶

Heating pump system is an excellent alternative for the traditional electrical heating system, as the former can provide more heating capacity and is more efficient. Moreover, thanks to the air circulating fast throughout the room, this heating system guarantees comfort much more quickly.



Power Management ▶

When room temperature reaches setting temperature, power management control system will get unit running into low input standby mode, which cuts 95% power off.



Standard Features

- Sleep Mode
- Auto Swing
- Self-evaporative System
- Self-diagnosis and Auto-protection
- Auto Restart Function
- Timer
- Omni-directional Caster
- Easy Installation

Optional Features

- Follow Me
- Ionizer
- Auxiliary Electric Heater

PD Portable

Specification_ R290 ▶

Model NO.		MPPD-09CRN7-QB6G1	MPPD-10CRN7-QC1G1	MPPD-11CRN7-QB6G1
Capacity				
Cooling Capacity	Btu/h	9000	10000	11000
	kW	2.6	2.9	3.2
Heating Capacity	Btu/h	-	-	-
	kW	-	-	-
Electrical Parts				
Power Supply(V-,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1
Power Input (W)	Cooling	1015	950	1240
	Heating	-	-	-
Operating Current (A)	Cooling	4.5	4.5	5.8
	Heating	-	-	-
Performance				
EER (W/W)		2.6	3.1	2.6
Energy Rate		A	A+	A
Moisture Removal l/h		1.0	1.0	1.0
Air Flow Volume (m3/h)		370	402	415
Sound Power Level (dB(A)) Hi Speed		64	64	65
Dimension & Weight & Piping Size				
Net Dimension (mm) WxDxH		466x397x765	466x397x765	466x397x765
Packing Dimension (mm) WxDxH		517x437x880	515x443x880	517x437x880
Net /Gross Weight (kg)		31/35	31.5/35.5	32/36
Applicable Area/Stuffing Qty				
Applicable Area (m2)		12-18	13-20	15-21
Stuffing Quantity (Set) 20'/40'HQ		114/238/355	114/238/356	114/238/355

Specification_ R410A ▶

Model NO.		MPPD-09CRN1-QB6G1(J)	MPPD-09CRN1-QC1	MPPD-09HRN1-QC1	MPPD-12CRN1-QB6(J1)	MPPD-12HRN1-QB6(J1)
Capacity						
Cooling Capacity	Btu/h	9000	9000	9000	12000	12000
	kW	2.6	2.6	2.6	3.5	3.5
Heating Capacity	Btu/h	-	-	7800	-	10000
	kW	-	-	2.3	-	2.9
Electrical Parts						
Power Supply(V-,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
Power Input (W)	Cooling	1010	850	850	1350.0	1350.0
	Heating	-	-	756	-	1130
Operating Current (A)	Cooling	4.4	3.8	3.8	5.9	5.9
	Heating	-	-	3.4	-	5.0
Performance						
EER (W/W)		2.6	3.1	3.1	2.6	2.6
Energy Rate		A	A+	A+	A	A
Moisture Removal l/h		1.0	1.0	1.0	1.2	1.2
Air Flow Volume (m3/h)		350	370	370	386	425
Sound Power Level (dB(A)) Hi Speed		65	64	64	65	65
Dimension & Weight & Piping Size						
Net Dimension (mm) WxDxH		454x365x700	466x397x765	466x397x765	466x397x765	466x397x765
Packing Dimension (mm) WxDxH		489x403x880	515x443x880	515x443x880	515x443x880	515x443x880
Net /Gross Weight (kg)		26.6/31.2	32/35.5	32.5/36	32.5/37.5	34/38.8
Applicable Area/Stuffing Qty						
Applicable Area (m2)		12-18	12-18	12-18	16-23	16-23
Stuffing Quantity (Set) 20'/40'HQ		132/274/403	114/238/356	114/238/356	114/238/356	114/238/356

Remark:
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PH Portable



Standard Features

- Sleep Mode
- Auto Swing
- Self-evaporative System
- Self-diagnosis and Auto-protection
- Auto Restart Function
- Timer
- Easy Installation
- Omni-directional Caster

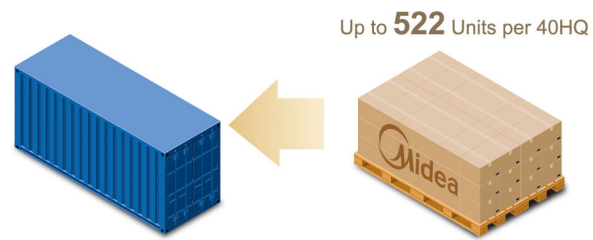
Optional Features

- Follow Me
- Auxiliary Electric Heater
- Ionizer

FEATURES & SPECIFICATIONS

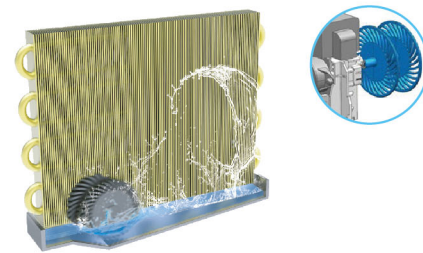
PH Portable

Substantial Loading Quantity ▶



Dual Slinger up ▶

Dual slinger up wheel improves cooling efficiency greatly.



PH Portable

Specification ▶

Model NO.		MPPH-08CRNI-QB6G1	MPPH-09CRNI-QB6G1
Capacity			
Cooling Capacity	Btu/h	8000	9000
	KW	2.3	2.6
Heating Capacity	Btu/h	-	-
	KW	-	-
Electrical Parts			
Power Supply(V-,Hz,Ph)		220-240,50,1	220-240,50,1
Power Input (W)	Cooling	905	1015
	Heating	-	-
Operating Current (A)	Cooling	4.2	4.6
	Heating	-	-
Performance			
EER (W/W)		2.6	2.6
Energy Rate		A	A
Moisture Removal	l/h	1.0	1.0
Air Flow Volume (m3/h)		310	300
Sound Power Level (dB(A))	Hi Speed	64	65
Dimension & Weight & Piping Size			
Net Dimension (mm)	WxDxH	345x355x703	345x355x703
Packing Dimension (mm)	WxDxH	377x402x877	377x402x877
Net /Gross Weight (kg)		23.5/27.5	23.2/28
Applicable Area/Stuffing Qty			
Applicable Area (m2)		11-16	12-18
Stuffing Quantity (Set)	20'/40'HQ	174/358/522	174/358/522

Remark:

Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.



DP Dehumidifier

Standard Features

- TURBO Turbo
- Self-diagnosis and Auto-protection
- Auto Defrosting
- Auto Restart Function
- Timer
- Smart Dehumidification
- Transparent Water Level Indication
- Omni-directional Caster
- LED Display

Optional Features

- Golden Fin
- High Density Filter

FEATURES & SPECIFICATIONS

DP Dehumidifier



Smart Dehumidifying ▶

Automatically control room humidity in a comfortable range 45%~55% according to room temperature, inhibit bacterial growth.



Drain pump ▶

With the pump inside, the dehumidifier can be used in cellar, storehouse, office, and free of pouring out the water in water tank by hand.



- Cellar
- Storehouse
- Office

DP Dehumidifier

Specification ▶

Model NO.		MDDP-30DENI-QA3	MDDP-40DENI-QA3	MDDP-50DENI-QA3
Capacity				
Moisture Removal	30°C, RH80%	30	40	50
Electrical Parts				
Power Supply(V-,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1
Power Input (W)	30°C, RH80%	465	560	775
Operating Current (A)	30°C, RH80%	2.5	2.7	3.6
Performance				
Air Flow Volume (m3/h)		210	345	345
water tank volume	L	3	6	6
Noise Level (dB(A))	(Hi/Lo)	54/52	52/51	52/51
Dimension & Weight & Piping Size				
Net Dimension (mm)	WxDxH	386x260x500	392x282x616	392x282x616
Packing Dimension (mm)	WxDxH	420x297x537	427x327x657	427x327x657
Net /Gross Weight (kg)		15.3/16.4	18.1/19.5	19.8/21.2
Applicable Area/Stuffing Qty				
Applicable Area (m2)		58-73	80-95	100-115
Stuffing Quantity (Set)	20'/40'HQ	432/884/1085	288/588/778	288/588/778

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.



DG Dehumidifier

Standard Features

- Turbo
- Self-diagnosis and Auto-protection
- Auto Defrosting
- Auto Restart Function
- Timer
- Convenient Handle
- Transparent Water Level Indication
- Omni-directional Caster
- LED Display

Optional Features

- Smart Dehumidification
- Dryer Mode
- Ionizer

FEATURES & SPECIFICATIONS

DG Dehumidifier



Smart Dehumidifying(Optional) ▶

Automatically control room humidity in a comfortable range 45%~55% according to room temperature, inhibit bacterial growth.



Dryer Mode(Optional) ▶

Intelligent dryer mode to dry up clothes quickly.



DG Dehumidifier

Specification ▶

Model NO.	MDDG3-30DEN1-QA3	
Capacity		
Moisture Removal	30°C, RH80%	30
Electrical Parts		
Power Supply(V-,Hz,Ph)		220-240,50,1
Power Input (W)	30°C, RH80%	580
Operating Current (A)	30°C, RH80%	2.9
Performance		
Air Flow Volume (m3/h)		225
water tank volume	L	5
Noise Level (dB(A))	(Hi/Lo)	48/45
Dimension & Weight & Piping Size		
Net Dimension (mm)	WxDxH	400x254x620
Packing Dimension (mm)	WxDxH	457x369x662
Net /Gross Weight (kg)		17.3/19.8
Applicable Area/Stuffing Qty		
Applicable Area (m2)		58-73
Stuffing Quantity (Set)	20'/40'HQ	234/486/642

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.



DF Dehumidifier

Standard Features

- Turbo
- Self-diagnosis and Auto-protection
- Auto Defrosting
- Auto Restart Function
- Timer
- Transparent Water Level Indication
- Omni-directional Caster
- LED Display

Optional Features

- Smart Dehumidification
- Dryer Mode
- Ionizer

FEATURES & SPECIFICATIONS

DF Dehumidifier



Turbo ▶

With this function, Midea dehumidifier will maximize air flow, make the room being dehumidified rapidly.



Ionizer ▶

Release negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.



DF Dehumidifier

Specification ▶

Model NO.	MDDF-16DEN3-QA3	MDDF-20DEN3-QA3
Capacity		
Moisture Removal	30°C, RH80% 16	20
Electrical Parts		
Power Supply(V-,Hz,Ph)	220-240,50,1	220-240,50,1
Power Input (W)	30°C,RH80% 350	440
Operating Current (A)	30°C,RH80% 2.0	2.1
Performance		
Air Flow Volume (m3/h)	170/150	170/150
water tank volume	L Jan/00	Jan/00
Noise Level (dB(A))	(Hi/Lo) 48/45	48/45
Dimension & Weight & Piping Size		
Net Dimension (mm)	WxDxH 350x245x510	350x245x510
Packing Dimension (mm)	WxDxH 380x298x532	380x298x532
Net /Gross Weight (kg)	14/15.1	13.5/15
Applicable Area/Stuffing Qty		
Applicable Area (m2)	14/15.1	13.5/15
Stuffing Quantity (Set)	20/40'HQ 464/988/1193	464/988/1193

Remark:

Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.



DT Dehumidifier

Standard Features

- Self-diagnosis and Auto-protection
- Auto Defrosting
- Auto Restart Function
- Timer
- Transparent Water Level Indication
- Convenient Handle
- LED Display

FEATURES & SPECIFICATIONS

DT Dehumidifier



Quiet Design ▶

Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.



Timer ▶

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



DT Dehumidifier

Specification ▶

Model NO.		MDDT-08DEN3-QA3	MDDT-10DEN3-QA3	MDDT-12DEN3-QA3
Capacity				
Moisture Removal	30°C, RH80%	8	10	12
Electrical Parts				
Power Supply(V-,Hz,Ph)		220-240,50,1	220-240,50,1	220-240,50,1
Power Input (W)	30°C,RH80%	290	290	290
Operating Current (A)	30°C,RH80%	2	2	2
Performance				
Air Flow Volume (m3/h)		120	120	120
water tank volume	L	2	2	2
Noise Level (dB(A))	(Hi/Lo)	43/40	43/40	44/40
Dimension & Weight & Piping Size				
Net Dimension (mm)	WxDxH	308x247x456	308x247x456	308x247x456
Packing Dimension (mm)	WxDxH	347x277x527	347x277x527	347x277x527
Net /Gross Weight (kg)		11.2/12.5	11.2/12.5	11/12
Applicable Area/Stuffing Qty				
Applicable Area (m2)		12-27	16-31	20-35
Stuffing Quantity (Set)	20'/40'HQ	552/1120/1390	552/1120/1390	552/1120/1390

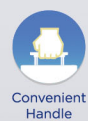
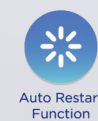
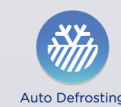
Remark:

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DE Dehumidifier

Standard Features

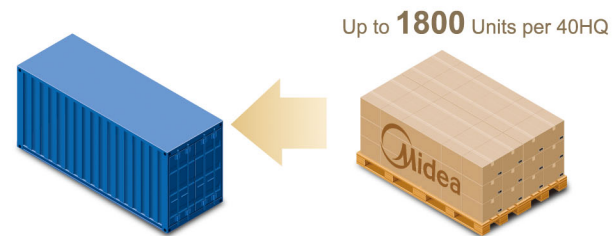


FEATURES & SPECIFICATIONS

DE Dehumidifier



Substantial Loading Quantity ▶



Easy Control With Less Buttons ▶



DE Dehumidifier

Specification ▶

Model NO.		MDDE-10DEN3-QA3
Capacity		
Moisture Removal	30°C, RH80%	10
Electrical Parts		
Power Supply(V-,Hz,Ph)		220-240, 50, 1
Power Input (W)	30°C, RH80%	270
Operating Current (A)	30°C, RH80%	1.6
Performance		
Air Flow Volume (m3/h)		100
water tank volume	L	2
Noise Level (dB(A))	(Hi/Lo)	43
Dimension & Weight & Piping Size		
Net Dimension (mm)	WxDxH	300x212x410
Packing Dimension (mm)	WxDxH	340x263x448
Net /Gross Weight (kg)		10.7/11.6
Applicable Area/Stuffing Qty		
Applicable Area (m2)		16-31
Stuffing Quantity (Set)	20'/40'HQ	745/1520/1800

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.



E Window

Standard Features

- Fresh Air
- Refrigerant Leakage Detect
- Self-diagnosis and Auto-protection
- Fire-proof Electric Box
- Timer
- Auto Defrosting
- Auto Swing
- 2-directional Airflow
- Sleep Mode
- Auto Restart Function

Window

Specification ▶

Model NO.	MWE2-09CRDN8-QRE1		MWE2-13CRDN8-QRE1	
Performance				
Power Supply	V~, Hz, Ph	220-240,50,1	220-240,50,1	220-240,50,1
Inverter Type		3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	9500(1700-11000)	13000(1700-14600)
	Rated(Min-Max)	kW	2.78(0.5-3.3)	3.81(0.5-4.3)
SEER	W/W	5.1	5.1	5.1
Cooling Energy Rate		A+	A+	A+
Dimension & Weight & Piping Size				
Air Flow Volume	m ³ /h	360	360	360
Sound Pressure Noise Level	H/M/L	dB(A)	56/53.5/52	56/53.5/52
Sound Power Noise Level	Hi	dB(A)	60	60
Net Dimension	WxDxH	mm	560x670x400	560x670x400
Packing Dimension	WxDxH	mm	619x771x430	619x771x430
Net / Gross Weight	kg	36/39	37/40	37/40
Piping Size & Applicable Area & Stuffing Quantity				
Applicable Area	m ²	12-18	16-23	16-23
Stuffing Quantity	20'/40'/40'HQ	set	135/285/342	135/285/342

Model Code

Residential

M S 9A I — 12 H R F N1 — Q D2

M Midea

S Unit Type

- S Split Wall-mounted
- P Portable
- D Dehumidifer
- W Window
- F Floor Standing
- O Outdoor

9A Product Series

- 11M Oasis Series
- AB Aunrora Series
- 12F Fairwind Series
- 9A Luna Series
- 11D Neola Series

I Connect Type

- I Multi Type
- Omit Single Type

12 Capacity

- Air Conditioner:
Cooling Capacity
(x1000Btu/h)
- Dehumidifier:
Moisture Removal
Volume(L / day)

H Function Code

- C Cooling only
- H Heat Pump
- A Heat Pump with
Electric Heater
- E E Cooling & Electric
Heater

R Control Mode

- W Wired Control
- M Mechanical Control
- E Electric Control
- R Remote Control

F Inverter Type

- F Full DC Inverter
- D DC Inverter
- I AC Inverter
- Omit ON/OFF

N1 Refrigerant

- N1 R410A
- N3 R134a
- Omit R22

Q Power Code

- Power Supply
- N 220-230V~,60Hz,
1Phase
- M 208-230V~,60Hz,
1Phase
- B 115V~,60Hz,
1Phase

D2 EER Code

- CO-A EER1.0-1.9
- BO-B9 EER2.0-2.9
- CO-C9 EER3.0-3.9
- DO-D9 EER4.0-4.9

F Special Function

- F Ionizer
- J Olasma
- L Low Ambient Kit
- H Fresh Air
- Q Quicker Connect
- P Soft-starter Kit

Light Commercial (Indoor Unit)

M C D — 36 C R — N

M Midea

C Product Category

- C Cassette Type
- T Duct Type
- U Ceiling & Floor Type
- V AHU Type

D Designed Time

- A 1st Designed
- B 2st Designed
- C 3st Designed
- D 4st Designed

36 Capacity

- Cooling Capacity
(x1000Btu/h)

H Capacity

- C Cooling only
- H Cooling & Heating

R Control Mode

- W Wired Control
- R Remote Control

N Power Supply

- Power Supply(V-Hz-Ph)
- N 220-230V~,60Hz,3Phase
- C 380V~,60Hz,3Phase
- D 220V~,60Hz,3Phase

Remark:
Specifications may be subject to change without prior notice. Final specifications please refer to Technology Specification shared by the sales representatives.

Model Code

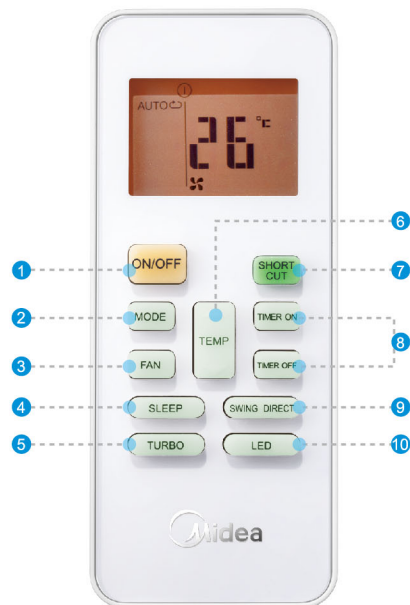
Light Commercial (Outdoor Unit)

M OU B — 36 H F N1 — Q

M Midea	OU Universal Outdoor Unit OV Universal Top Discharge Outdoor Unit OU Universal Side Discharge Outdoor Unit	B Designed Time Omit 1st Designed B 2st Designed	36 Capacity Cooling Capacity (x1000Btu/h)	H Function Code C Cooling Only H Cooling & Heating
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N Power Supply Power Supply(V-Hz-Ph) N 220-230V~, 60Hz, 1Phase D D 220V~, 60Hz, 3Phase C 380V~, 60Hz, 3Phase

Remote Control



- 1 ON/OFF
ON/OFF
- 2 Mode Setting
MODE Auto/Cool/Dry/Heat/Fan
- 3 Fan Speed Setting
FAN High/Med/Low/Auto
- 4 Sleep Mode/Fresh
SLEEP/FRESH
- 5 Turbo/Self-clean
TURBO/SELFCLEAN
- 6 TEMP Temperature Setting
- 7 Short Cut Function
SHORT CUT
- 8 Timer Setting
TIME OFF TIME ON
- 9 Air Flow
SWING/DIRECT
- 10 10 LED Follow ME
LED Display/Follow me

Short Cut Function

With this button you can reset all the parameters, such as temperature, operation mode, fan speed and etc.

When you press the "SHORT CUT" button, the unit will run under the mode that recorded, and no need to reset the parameters.

Icons Guide

Energy Saving ▶

- ECO**
Midea new energy-saving AC apply innovative ECO Mode, by pressing this button, AC will run into a 8-hour saving mode which cuts 60% energy off against normal mode.
- Intelligent Eye Detector**
With the build-in infrared sensor, the indoor unit detects human movement. The AC will turn off if you leave the room for 30 minutes and turn on when you come back, which helps saving energy.
- 1W Standby**
Intelligent on-off technology enables Midea products automatically enter energy-saving mode when standby, cut energy consumption from normal 5W to 1W or 0.5 W per hour which counts 80%-90% of saving.
- Sleep Mode**
The function enables the air conditioner to automatically increase cooling or decrease heating 1°C per hour for the first 2 hours, then holds steady for the next 6 hours, after that it will switch off. This function maintains both energy saving and comfort at night.












Comfort ▶

- Follow Me**
Temperature sensor built in the remote controller will sense its surrounding temperature. So the unit can adjust room temperature more accurately to give you comfort.
- 3D Air Flow**
Combines vertical and horizontal auto swing to ensure an even distribution of air throughout the room.
- Fast Cool/Heat Function**
Once start this function, the compressor will maximize running frequency, thus you can enjoy cooling and heating in seconds.
- TURBO Turbo**
This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly.
- Mute Operation**
Want to turn off the AC beep and display? By pressing mute operation, Midea AC help to give you a quiet and comfortable sleep.
- Silent**
Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.
- 12 Grades Indoor Fan Speeds**
Up to 12 grades indoor fan speeds, ensure more accurate control and bring more comfortable air flow.
- 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.
- Anti-cold Air Function**
Indoor fan speed is regulated automatically from the lowest grade to the setting grade according to evaporator temperature when the unit just starts heating operation. This function can prevent cold air blowing out to avoid discomfort to the users.
- Temperature Compensation**
The temperature sensed by indoor unit is always different from the actual floor temperature due to different installation heights of indoor unit. This function can revise this temperature difference to make a more accurate temperature control.
- 8°C Heating**
In heating operation, the preset temperature of the air conditioner can be as low as 8°C, which keeps the room temperature steady at 8°C and prevents the house from freezing when it is unoccupied for a long time in severe cold weather.
- Two-directional Airflow**
In cooling mode, horizontal airflow does not blow cool air directly at the occupants in the room. In heating room, vertical airflow provides powerful floor level heating. Precise airflow control makes your room more comfortable.
- 360° Air Flow Panel**
360° air outlet creates a soft and gentle air flow which circulates throughout the whole space and provides an even temperature distribution in the room.
- Auto Swing**
Distributes cool/warm air to maximum area by moving horizontal flaps automatically.
- Self-evaporative System**
The slinger-up system automatically recycle condensate water of evaporator to condenser, no need of water bucket. Bring more cooling power and improve cooling efficiency.
- Independent Dehumidification**
Under independent dehumidification mode, AC will efficiently dehumidify the room.
- Smart Dehumidifying**
Automatically control room humidity in a comfortable range 45%-55% according to room temperature, inhibit bacteria growth.

Reliability ▶



















 <p>Refrigerant Leakage Detect Indoor unit will show error code "EC" and stop automatically when refrigerant leakage is detected. This function can better protect compressor being damaged by high temperature due to refrigerant leakage.</p>	 <p>Self-diagnosis and Auto-protection Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.</p>	 <p>Emergency Using When temperature sensor error happens, the air conditioner will display error code and stop immediately, while Midea AC will display error and continue running in a proper status, to avoid the case that AC is in urgent need.</p>	 <p>Low Ambient Cooling With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condensation temperature. The air conditioner can run cooling operation even when the outdoor ambient temperature down to -15°C.</p>
 <p>Fire-proof Electric Box Electrical control box adopts new design, which can meet higher fire safety requirement to prevent the internal fire due to electric spark accident.</p>	 <p>Auxiliary Electric Heater With a built-in auxiliary electric heater, the heating system will be more powerful.</p>	 <p>Chasis Heating Belt Heating belt is fitted on the base plate of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.</p>	 <p>Compressor Heating Belt Heating belt is fitted on the compressor of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.</p>
 <p>Golden Fin Effectively prevent bacteria breeding and improve heat transfer efficiency. The unique anti-corrosive golden coating on the condenser can withstand the salty air rain and other corrosive elements.</p>	 <p>Auto Defrosting Prevent evaporator from freezing and maintain dehumidifying effect under low temperature environment.</p>		

Health ▶

 <p>High Density Filter Compared with ordinary dust filter, the anti-dust effect of this high density filter can increase more than 50%, it can clean dust, pollen up to 80%.</p>	 <p>Silver Ion Filter Sterilize bacteria effectively by decomposing cell wall of bacteria.</p>	 <p>Cold Catalyst Filter Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.</p>	 <p>VC Filter Release vitamin C which can eliminate active oxygen to beautify the skin.</p>
 <p>Bio Filter Consist of a specialized biological enzyme and eco filter. The eco filter catches very small airborne dust particles and neutralities bacteria, fungi and microbes. Biological enzyme kill bacteria by dissolving their cell wall thus it eliminating the problem of re-pollution.</p>	 <p>Compound Filter Combine three filters from 8 different types including cold catalyst filter, vitamin C filter, negative ion filter, anti-mite filter, enzyme filter, nano-Pt filter, nano-Ag filter, multifunction filter to meet various needs simultaneously.</p>	 <p>Plasma Generate a high voltage electrostatic zone, absorb and eliminate dust, smoke and pollen particles. It also deodorizes air by removing tobacco odors, garbage smells etc.</p>	 <p>Super Ionizer Release positive and negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.</p>
 <p>Self-cleaning Indoor unit will continue running at special combined mode to blow and dry indoor evaporator after the unit switched off so as to keep clean and healthy.</p>	 <p>Fresh Air Air outside can be lead into the room via a connection pipe, which keeps the indoor air fresh and healthy.</p>	 <p>Ionizer Release negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.</p>	

Icons Guide

Convenience ▶

 <p>Manual ON/OFF You can easily turn on/off your AC by pressing manual switch button, without using a remote controller or any special tools.</p>	 <p>Digital Display If you want to check the function status, just press your remote button, Midea digital display will show ON/OFF to you.</p>	 <p>Remote In Engineer Mode Main Functions can be changed by modifying programs of remote controller, you can design your most comfortable settings and delete those you don't need.</p>	 <p>Front Desk Control With a smart control board, Midea air conditioners can be turned on/off via long distance control signals.</p>
 <p>Wired Control Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.</p>	 <p>Central Control Management The centralized controller is a multi-functional device that can control up to 64 indoor units within a maximum connection length of 1200m.</p>	 <p>WIFI Control With the WIFI control, you can easily turn off the AC outside your house via smart device. Furthermore, you can turn it on before you come back.</p>	 <p>Mono & Multi Compatible Compatible indoor unit for both mono and multi inverter system. It comes in handy for warehouse management.</p>
 <p>Louver Position Memory Horizontal louver will automatically move to the same position as you set last time when the unit turned on.</p>	 <p>Auto Restart Function If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous setting mode automatically when the power resume.</p>	 <p>2-way Draining Both left and right sides of indoor unit are possible for drainage hose connection, easy for installation.</p>	 <p>Timer Set the unit to start and stop automatically in a 24h period.</p>
 <p>Build-in Drain Pump The drain pump can lift the condensing water up to 750mm.</p>	 <p>Convenient Handle Ergonomic handle makes the carrying much easier and convenient.</p>	 <p>Transparent Water Level Indication Easy indicate the water level and empty the water tank timely.</p>	 <p>Omni-directional Caster The integrated swivel casters make the portable AC easier to move.</p>
 <p>Twin Combination The units can be installed as twin systems: one outdoor unit can be connected with two same indoor units. The indoor units can be combined in any of the different available ratings.</p>	 <p>Dryer Mode Intelligent dryer mode to dry up clothes quickly.</p>		