



Residential Air Conditioner Division

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The noise level data reflects the level in anechoic chamber.
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2015 Residential Air Conditioner



Midea Group Profile

Comprehensive Strength ▶

Midea Group (SZ.000333) is the most comprehensive home appliance manufacturer in China. It went public at the Shenzhen Stock Exchange on September 18th, 2013, with 2 listed holding companies, Little Swan (SZ000418) and Welling Holding Ltd (HK00382).



Midea Group was set up in 1968, being in the home appliance business since 1980 and had the brand "Midea" registered in 1981. At present, Midea Group has 130, 000 employees and owns a dozen brands including Midea, Little Swan and GMCC. With 20 domestic production bases, it has established manufacturing bases and joint ventures production bases in 6 countries. Besides, Midea Group has set up more than 60 overseas branches and its products are exported to over 200 countries and regions.

Enterprise Value ▶

The sales revenue of Midea Group in 2013 reached USD 19.5 billion, among which export sales contributed USD 7.4 billion. In 2013 R&F Global Ranking, Midea ranked No.5 in China, its brand value is evaluated to be USD 10.5 billion.



Midea Air-con Profile

Manufacturing Capacity ▶

Since the 1st Midea air conditioner came out in 1985, Midea has formed a global industrial layout for its residential air conditioners. Owning 6 domestic and 5 overseas manufacturing bases, Midea has full range residential AC products: Split, Window, Portable, Dehumidifier and Light Commercial. Annual production capacity is over 33 million sets, equipped with the largest and most advanced CKD & SKD production lines and workshops with capacity over 3 million.

With China's most complete AC industrial chain, professional R&D lab and internationalized manufacturing bases, Midea residential air conditioners have ranked No.1 of export sales for consecutive 10 years.

Inverter Technology ▶

Supported by Midea & Toshiba–Carrier DC Inverter Technology Development Lab, Midea grasps the core technology of DC inverter air conditioners. In 2008, Midea pioneered the popularization of DC inverter air conditioners. In November 2011, Midea launched the 3D DC inverter air conditioners. In 2012, Midea was honored as No.1 among China's DC inverter AC brands. By focusing on DC inverter and energy-saving technology, Midea has innovated ECO technology, characterized by "1 kWh for per night."



R&D Strength

R&D Institute ▶

The total investment has reached RMB 400 million, where the R&D equipment accounts for RMB 200 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).

Professional R&D Team ▶

The core members of the Midea R&D System are 1,138, among which are 11 foreign experts and 25 doctors. Holding important posts in domestic and overseas R&D centers, they have been making breakthroughs in new technology and products.

Advanced Laboratory ▶

Midea established the Midea & Toshiba – Carrier Inverter Technology R&D Center, Midea & Toshiba–Carrier R410A DC Inverter Technology Development Lab, Midea and International Rectifier Motion Control Research Laboratory, Midea-Emerson Climate Technologies Digital Scroll / Scroll Heating Application Lab and so on.

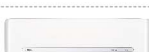


Line-up 2015

3rd Generation Solar Inverter

Product	Appearance	Type	SCOP	12000Btu/h	Page
Oasis		3D DC Inverter	4.0		P05-07
Compact Round Flow Cassette		3D DC Inverter	3.8		P05-07
Duct		3D DC Inverter	3.8		P05-07

Split

Series	Appearance	Type	SCOP	7000Btu/h	9000Btu/h	12000Btu/h	18000Btu/h	24000Btu/h	Page
Premier		3D DC Inverter	5.1						P08-10
			4.6						
			4.0						
Oasis		3D DC Inverter	4.6						P11-13
			4.0						
Toscana		3D DC Inverter	4.0						P14-16
Aurora		3D DC Inverter	4.0						P17-19
Fairwind		3D DC Inverter	4.0						P20-22
RF		DC Inverter	3.8						P23-25
Luna		DC Inverter	3.8						P26-28

Light Commercial

Series	Appearance	Type	12000Btu/h	18000Btu/h	24000Btu/h	30000Btu/h	36000Btu/h	48000Btu/h	60000Btu/h	Page
Universal Outdoor Units		3D DC Inverter								P29
Compact Round Flow Cassette		3D DC Inverter								P30-32
Super Slim Round Flow Cassette		3D DC Inverter								P33-35
Ceiling & Floor		3D DC Inverter								P36-38
Console		3D DC Inverter								P39-41
Duct		3D DC Inverter								P42-45

Free Match

Series	Appearance	Type	16000Btu/h	18000Btu/h	21000Btu/h	27000Btu/h	36000Btu/h	42000Btu/h	Page
1 Drive 2		DC Inverter							P46-54
1 Drive 3		DC Inverter							P46-54
1 Drive 4		DC Inverter							P46-54
1 Drive 5		DC Inverter							P46-54

Portable

Series	Appearance	Refrigerant	9000Btu/h	10000Btu/h	11000Btu/h	Page
PD		R290				P55-56
Series	Appearance	Energy Rate	8000Btu/h	9000Btu/h	12000Btu/h	Page
PD		A+				P55-56
		A				
PS		A				P57-58
PH		A				P59-60

Dehumidifier

Series	Appearance	8L/Day	10L/Day	12L/Day	16L/Day	20L/Day	30L/Day	50L/Day	Page
DT									P61-62
DF									P63-64
DG									P65-66
DP									P67-68

Features Overview

Products / Features		Reliability					Comfort							Energy Saving				Convenience		
																				
Premier		✓	✓	✓	○	○	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
Oasis		✓	✓	✓	○	○	○	✓	○	✓	✓	✓	✓	✗	✓	✓	✓	○	✓	✗
Toscana		✓	✓	✓	○	○	○	✓	○	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗
Aurora		✓	✓	✓	○	○	○	✓	○	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗
Fairwind		✓	✓	✓	○	○	○	✓	○	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗
RF		✓	✓	✓	○	○	○	✓	○	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗
Luna		✓	✓	✓	○	○	○	✓	○	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗
Compact Round Flow Cassette		✓	✓	✓	○	○	○	✓	○	✓	✗	✗	✗	✗	✗	✗	✓	✗	✓	✓
Super Slim Round Flow Cassette		✓	✓	✓	○	○	○	✓	○	✓	✗	✗	✗	✗	✗	✗	✓	✗	✓	✓
Ceiling & Floor		✓	✓	✓	○	○	○	✓	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	○
Console		✓	✓	✓	○	○	○	✓	○	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	✗
Duct		✓	✓	✓	○	○	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	○

Features Overview

Products / Features		Convenience				Healthy											Control				
		 I-Remote	 Louver Position Memory Function	 Twin Combination	 Mono & Multi Compatible	 Silver Ion Filter	 High Density Filter	 Bio Filter	 Vitamin C Filter	 Cold Catalyst Filter	 Super Ionizer	 Ionizer	 Compound Filter	 Plasma Dust Collector	 Self-cleaning	 Fresh Air	 Wired Controller	 Weekly Timer	 24-hour Timer	 Infrared Remote Control	 Central Control Management
Premier		*1 ✓	✓	✗	*2 ✓	○	✓	○	○	✓	○	○	○	✗	✓	✗	○	✗	✓	✓	✗
Oasis		✓	✓	✗	*3 ✓	○	○	○	○	✓	○	○	○	○	✓	✗	○	✗	✓	✓	✗
Toscana		✓	✓	✗	✓	○	✓	○	○	✓	○	○	○	○	✓	✗	○	○	✓	✓	○
Aurora		✓	✓	✗	✓	○	✓	○	○	✓	○	○	○	○	✓	✗	○	○	✓	✓	○
Fairwind		✓	✓	✗	✓	○	○	○	○	✓	○	○	○	○	✓	✗	○	✗	✓	✓	✗
RF		✓	✓	✗	✓	○	○	○	○	✓	○	○	○	○	✓	✗	○	✗	✓	✓	✗
Luna		✓	✓	✗	✓	○	○	○	○	✗	○	○	○	○	✓	✗	○	✗	✓	✓	✗
Compact Round Flow Cassette		✓	✓	✓	✗	○	✗	○	○	✗	✗	✗	○	✗	✗	✓	○	○	✓	✓	○
Super Slim Round Flow Cassette		✓	✓	✓	✗	○	✗	○	○	✗	✗	✗	○	✗	✗	✓	○	○	✓	✓	○
Ceiling & Floor		✓	✓	✓	✗	○	✗	○	○	✗	✗	✗	○	✗	✗	✓	○	○	✓	✓	○
Console		✓	✓	✗	✗	○	✗	○	○	✗	✗	✗	○	✗	✗	✗	○	○	✓	✓	○
Duct		✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	○	✓	○	○

*1 Only available on Premier 5.1 & 4.6 model.

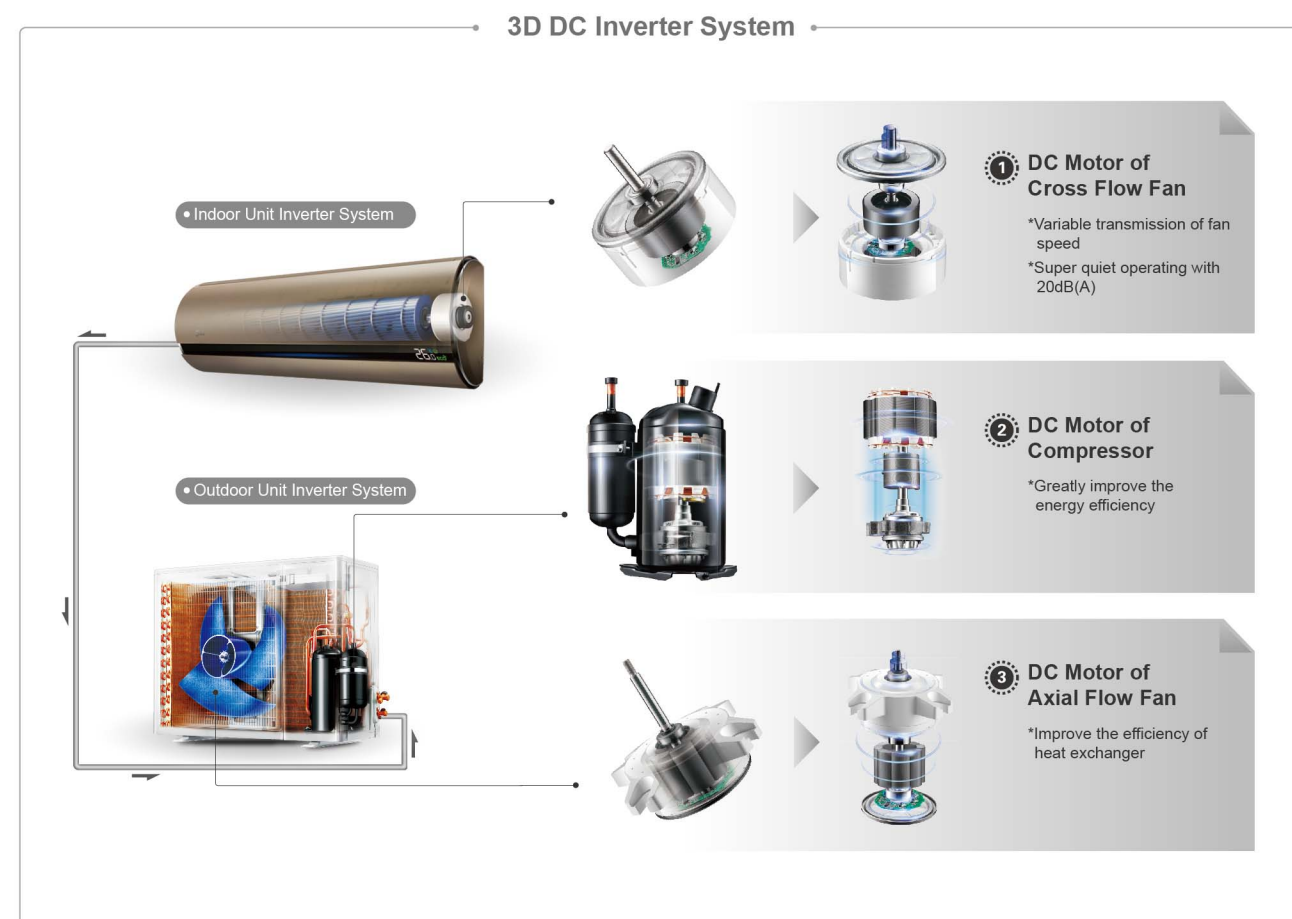
*2 Only available on Premier 4.0 model.

*3 Only available on Oasis 4.0 model.

Leading Technology

3D DC Inverter ▶

With brushless DC motors, 3D DC inverter air conditioner gains higher efficiency and makes quieter operation which helps to save energy and enhance comfort to consumers.



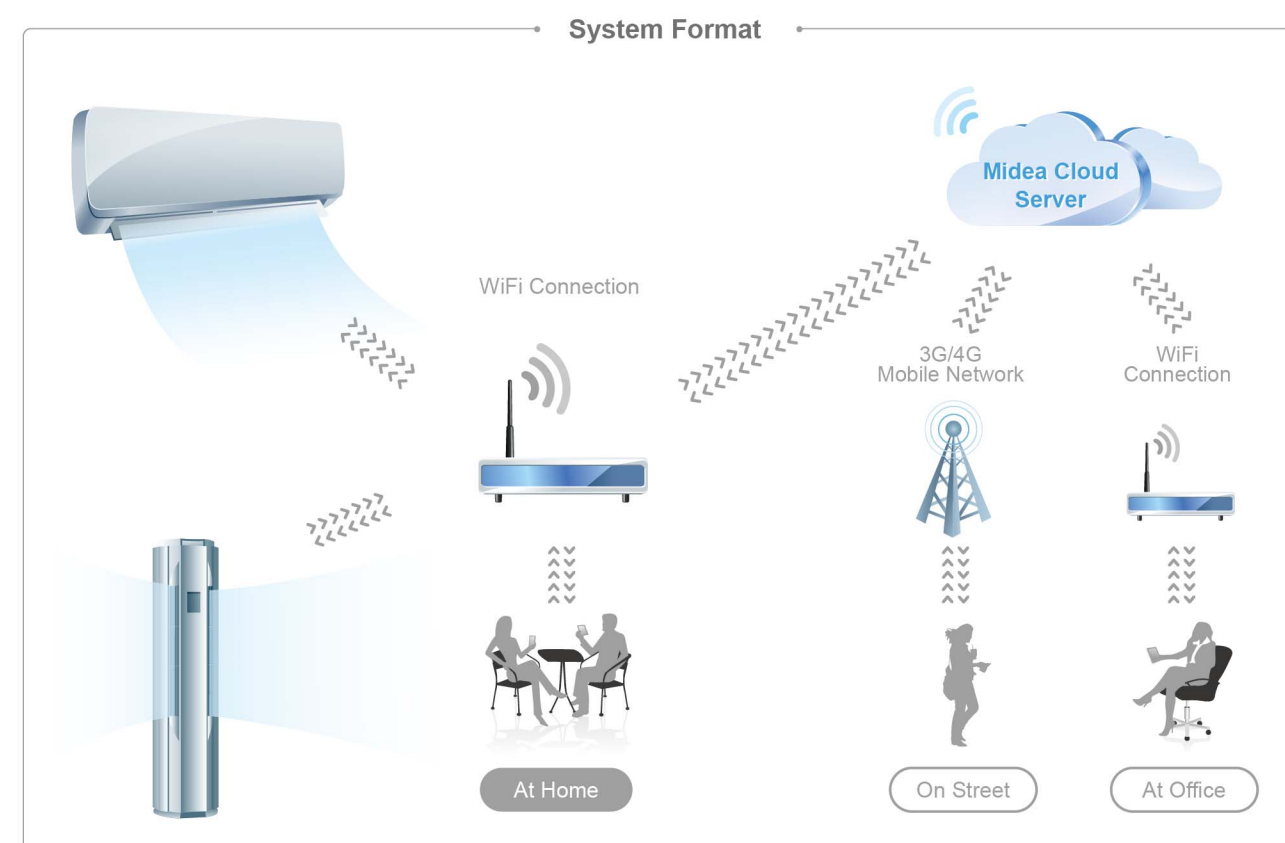
ECO Mode ▶

Midea new energy-saving AC applies innovative ECO Mode, it can give you a worry-free sleep for additional 60% power saving.



Smart Control ▶

The Midea smart terminal in your home or office will control all your ACs. It can be accessed by classic remote control, your voice, or through apps on your mobile phone or iPad. These apps also allow you to monitor and control your AC while on the road, and they can be used for online diagnosis and upgrades.



Unique Features ▶



Outstanding Features

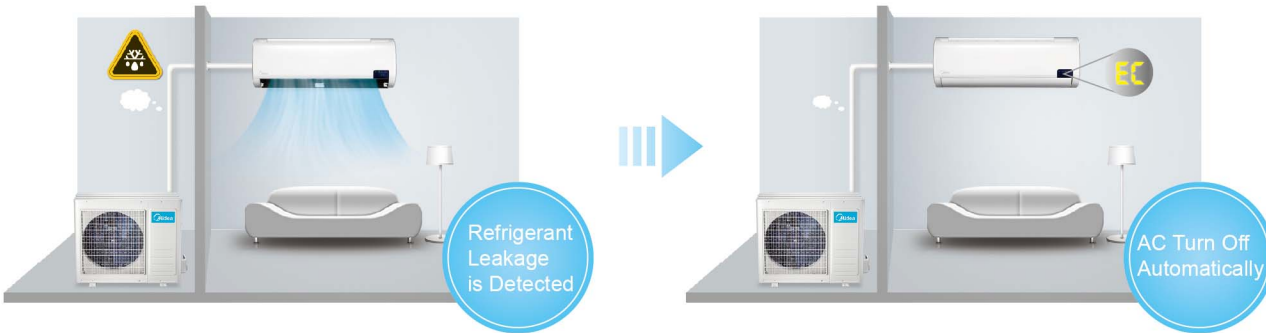
Emergency Using Function ▶

Normally, when temperature sensor error happens, the air conditioner will display error code and stop immediately. With this function, when temperature sensor error happens, the air conditioner will display error code and continue running in a proper status instead of stopping immediately, to avoid the case that air conditioner is in urgent need.



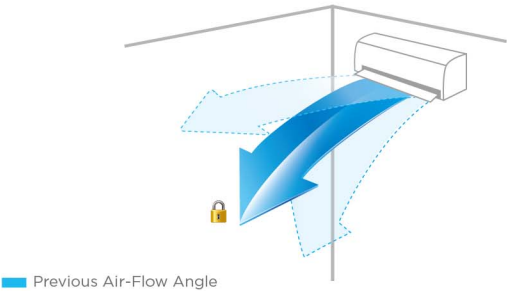
Refrigerant Leakage Detect ▶

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.



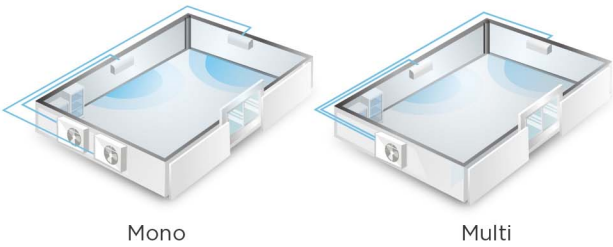
Louver Position Memory Function ▶

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



Mono&Multi Compatible ▶

The indoor unit is compatible for both mono and multi inverter system. Saving warehouse space and make warehouse management easier.

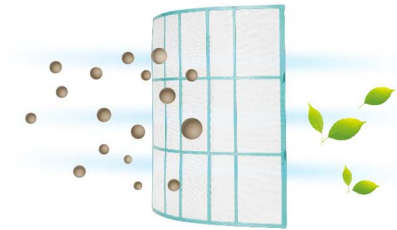


Healthy Air ▶

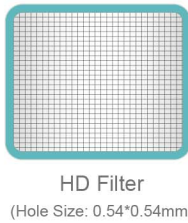
Midea's Fresco Tech brings you clean and refreshing air and fills your room with the soothing scent of nature.



High Density Filter

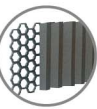


Clean dust,pollen up to **80%**
Anti-dust effect increase **50%**



High Density Filter

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



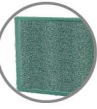
Cold Catalyst Filter

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



Bio Filter

Consist of a specialized biological enzyme and eco filter.The eco filter catches very small airborne dust particles and neurilities bacteria,fungi and microbes.Biological enzyme kill bacteria by dissolving their cell wall thus eliminates the problem of re-pollution.



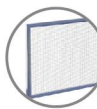
3M HAF Filter

Open-hole-structure with charged electrostatic effectively capture dust and particles,ensure maximum air flow and minimum pressure drop.



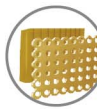
Ion-plasma

Ion-plasma combines Ionizer Generator with Plasma Dust Collector, it can generate large negative ions and absorb majority of particles and pollutants.



Silver Ion Filter

Sterilize bacteria effectively by decomposing cell wall of bacteria.



Vitamin C Filter

Release Vitamin C which can eliminate active oxygen to beautify the skin.



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.



Negative Ion Filter

Release negative ion to purify air,sterilize bacteria and eliminate tiredness.



Super Ionizer

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



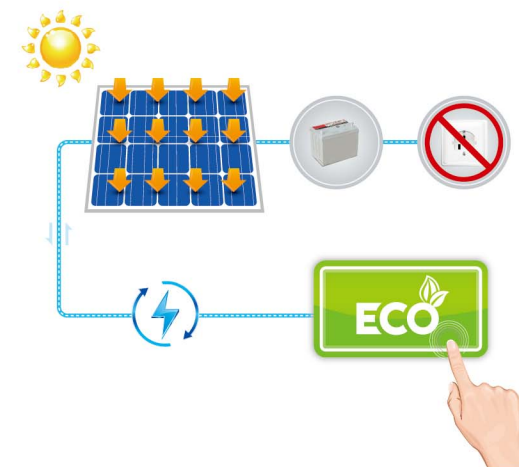
OUTSTANDING FEATURES

Solar Inverter



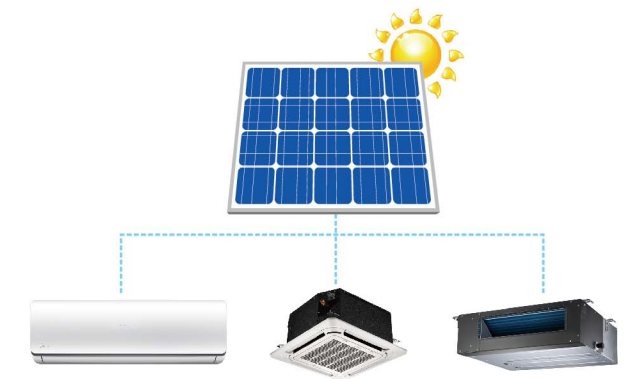
ECO Mode ▶

Press ECO mode to get fully solar energy.

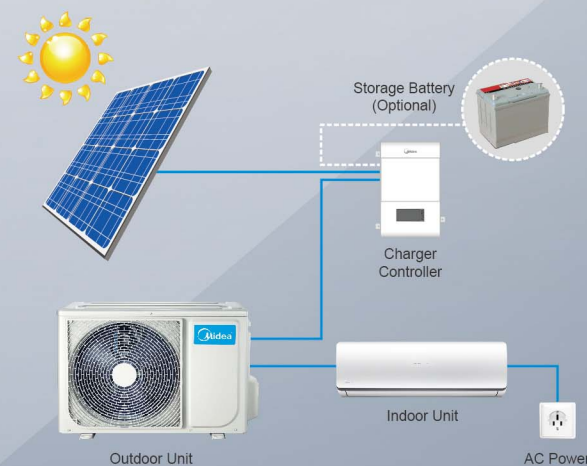


Multiple Choice for Indoor Units ▶

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



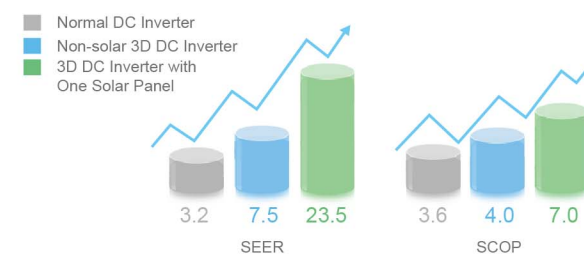
How it works ▶



3rd Generation Solar Inverter

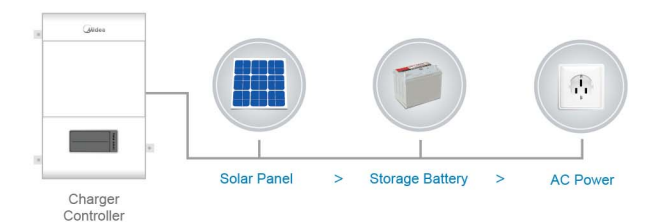
Energy Saving ▶

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.



3rd Generation Solar Inverter

Specification-Outdoor Unit ▶

DC Inverter



Model NO.		MOZ-12HFN1-QRD0GS	
Power Supply	V~,Hz,Ph	220-240,50,1	
Minimum Circuit Ampacity	A	9	
Maximum Fuse	A	15	
Air Flow Volume	m³/h	2000	
Sound Pressure Noise Level	dB(A)	58	
Sound Power Noise Level	dB(A)	64	
Net Dimension	WxDxH	mm	810x310x558
	WxDxH	inch	31.9x12.2x22.0
Packing Dimension	WxDxH	mm	930x400x615
	WxDxH	inch	36.6x15.8x24.2
Piping Size	Liquid	Φmm(inch)	Φ6.35(1/4")
	Gas	Φmm(inch)	Φ12.7(1/2")
Max. Pipe Length	m	25	
Max. Height Difference	m	10	
Net / Gross Weight	Kg	38 / 42	
Stuffing Quantity	20' /40' /40'HQ	set	288/216/102

Specification_Indoor Units ▶

DC Inverter



Model NO.			MS11M-12HREFN1-QRD0GS	MCA3U-12HREFN1-QRC8GS	MTBU-12HREFN1-QRC8GS
Performance					
Power Supply	V~,Hz,Ph		220-240,50,1	220-240,50,1	220-240,50,1
Cooling	Capacity	Btu/h	12000	12000	12000
	SEER	W/W	6.8	5.8	5.1
	Energy Efficiency Class		A++	A+	A
Heating	Capacity	Btu/h	14000	14000	13000
	SCOP	Btu/w	4.0	4.0	3.8
	Energy Efficiency Class		A+	A+	A
External Static Pressure	Rated	Pa	-	-	25
	Range	Pa	-	-	0-40
Air Flow Volume	H/M/L	m³/h	650/620/510	650/550/460	550
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
Body Dimension & Weight					
Net Dimension	WxDxH	mm	835x198x280	570x570x260	700x635x210
	WxDxH	inch	32.9x7.8x11.0	22.4x22.4x10.2	27.6x25.0x8.3
Packing Dimension	WxDxH	mm	910x270x355	655x655x290	915x655x290
	WxDxH	inch	35.9x10.7x14.0	25.8x25.8x11.4	36.0x25.8x11.4
Net / Gross Weight		kg	8.7 / 11.2	14 / 17.7	18.1 / 22.8
Panel Dimension & Weight					
Net Dimension	WxDxH	mm	-	647x647x50	-
	WxDxH	inch	-	25.5x25.5x2.0	-
Packing Dimension	WxDxH	mm	-	715x715x123	-
	WxDxH	inch	-	28.2x28.2x4.8	-
Net / Gross Weight		kg	-	2.5 / 4.5	-
Piping Size & Stuffing Quantity					
Piping Size	Liquid Side	Φmm(inch)	6.35(1/4")	6.35(1/4")	6.35(1/4")
	Gas Side	Φmm(inch)	9.52(3/8")	9.52(3/8")	12.7(1/2")
	Drainage(OD)	Φmm	-	25	25
Stuffing Quantity	20' /40' /40'HQ	set	90/190/210	234/488/566	173/340/380



Premier Split

Standard Features

- 3D Air Flow
- Silent Mode
- Refrigerant Leakage Detect
- Emergency Using Function
- Louver Position Memory
- Low Ambient Cooling
- 1W Standby
- Intelligent Anti-cold Air Function
- 12 Indoor Fan Speeds
- 5 Outdoor Fan Speeds
- Follow Me
- Self-Cleaning
- Sleep Mode
- Turbo Mode
- High Density Filter
- Cold Catalyst Filter

Optional Features

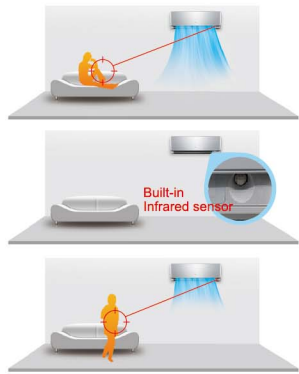
- Intelligent Eye Detector
- Golden Fin
- Ionizer

OUTSTANDING FEATURES

Premier Split



Intelligent Eye Detect ▶



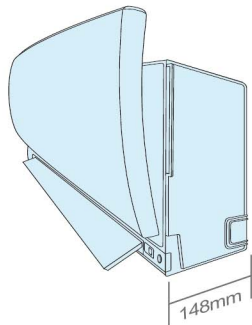
⏻ ON
With the built-in infrared sensor, the indoor unit can detect human movement.

⏻ OFF
The AC will turn off automatically when there is no people in room for 30 minutes.

⏻ ON
The AC will detect the infrared ray and restart automatically when people comes back.

▲ AC detects the human movement intelligently by built-in infrared sensor and operates automatically which is more energy-saving and humanistic.

Compact Design ▶



3D Air Flow ▶

The combination of vertical and horizontal auto swing function ensure an even distribution of air throughout the room.



Top Efficiency Class ▶

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



Premier Split



Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MS11PU-09HRFN1-QRE1GW MOZ-09HFN1-QRE1W	MS11PU-12HRFN1-QRE1GW MOZ-12HFN1-QRE1W	MS11P-09HRFN1-QRD6GW(A) MOZ-09HFN1-QRD6W
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	9000(3500-11200)	12000(4200-13800)	9000(4700-12600)
	Rated(Min-Max)	kW	2.6(1.0-3.3)	3.5(1.2-4.0)	2.6(1.4-3.7)
Heating Capacity	Rated(Min-Max)	Btu/h	12000(3100-20800)	14330(3100-21800)	10000(3100-13800)
	Rated(Min-Max)	kW	3.5(0.9-6.0)	4.2(0.9-6.4)	2.9(0.9-4.0)
SEER	W/W		9.0	8.5	9.0
Cooling Energy Rate			A+++	A+++	A+++
SCOP	Avg./Warm/Cold	W/W	5.1/-/3.6	5.1/-/3.6	4.6/5.3/-
Heating Energy Rate	Avg./Warm/Cold		A+++/-/A	A+++/-/A	A++/A+++/-
Tol	°C		-25	-25	-20
Indoor Unit					
Air Flow Volume	H/M/L	m³/h	650/580/500	680/600/530	650/580/500
Sound Pressure Noise Level	H/M/L	dB(A)	40/34/28	40/36/29	40/34/28
Sound Power Noise Level	Hi	dB(A)	55	55	52
Net Dimension	WxDxH	mm	1045x158x305	1045x158x305	1045x158x305
Packing Dimension	WxDxH	mm	1130x260x395	1130x260x395	1130x260x395
Net / Gross Weight	kg		13.5/17	13.5/17	13/16.5
Outdoor Unit					
Sound Pressure Noise Level	Hi	dB(A)	56	56	56
Sound Power Noise Level	Hi	dB(A)	61	61	60
Net Dimension	WxDxH	mm	810x310x558	810x310x558	810x310x558
Packing Dimension	WxDxH	mm	930x400x615	930x400x615	930x400x615
Net / Gross Weight	kg		37.5/40	37.5/40	36/39
Piping Size & Applicable Area &Stuffing Quantity					
Piping Size	Liquid	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas	Φmm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Applicable Area	m²		13-22	18-29	13-22
Stuffing Quantity	20'/40'/40'HQ	set	82/176/195	82/176/195	82/176/195

Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MS11P-12HRFN1-QRD6GW MOZ-12HFN1-QRD6GW	MS11PU-09HRFN1-QRD0W MOC-09HFN1-QRD1W	MS11P1U-12HRFN1-QRD0W MOC1-12HFN1-QRD0W
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(4600-13800)	9600(4200-11800)	12400(4300-12000)
	Rated(Min-Max)	kW	3.5(1.4-4.0)	2.8(1.2-3.5)	3.6(1.3-3.5)
Heating Capacity	Rated(Min-Max)	Btu/h	13000(3100-14700)	10500(3050-12900)	12400(3500-16900)
	Rated(Min-Max)	kW	3.8(0.9-4.3)	3.1(0.9-3.8)	3.6(1.0-5.0)
SEER	W/W		8.2	7.0	6.2
Cooling Energy Rate			A++	A++	A++
SCOP	Avg./Warm/Cold	W/W	4.6/5.4/-	4.0/5.1/-	4.0/5.1/-
Heating Energy Rate	Avg./Warm/Cold		A++/A+++/-	A+/A+++/-	A+/A+++/-
Tol	°C		-20	-15	-15
Indoor Unit					
Air Flow Volume	H/M/L	m³/h	680/600/530	650/550/450	650/550/450
Sound Pressure Noise Level	H/M/L	dB(A)	40/36/29	40/33/27	40/33/27
Sound Power Noise Level	Hi	dB(A)	53	51	49
Net Dimension	WxDxH	mm	1045x158x305	898x148x298	898x148x298
Packing Dimension	WxDxH	mm	1130x260x395	985x260x375	985x260x375
Net / Gross Weight	kg		13/16.5	10/13	10/13
Outdoor Unit					
Sound Pressure Noise Level	Hi	dB(A)	56	56	56
Sound Power Noise Level	Hi	dB(A)	63	59	60
Net Dimension	WxDxH	mm	810x310x558	760x285x590	760x285x590
Packing Dimension	WxDxH	mm	930x400x615	887x355x645	887x355x645
Net / Gross Weight	kg		36/39	35/37	35/37
Piping Size & Applicable Area &Stuffing Quantity					
Piping Size	Liquid	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas	Φmm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Applicable Area	m²		18-29	13-22	18-29
Stuffing Quantity	20'/40'/40'HQ	set	82/176/195	93/198/230	93/198/230



OUTSTANDING FEATURES

Oasis Split



Oasis Split

Control at Your Will

Standard Features



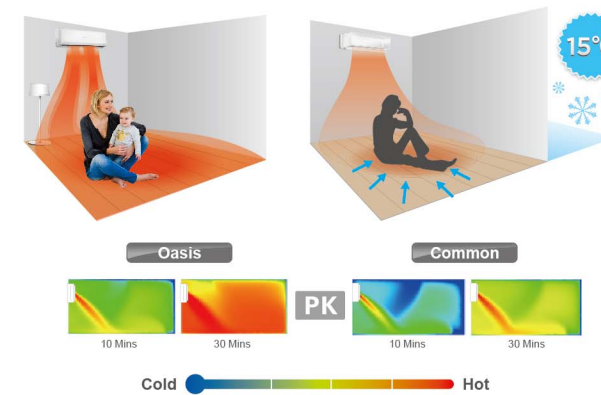
Optional Features



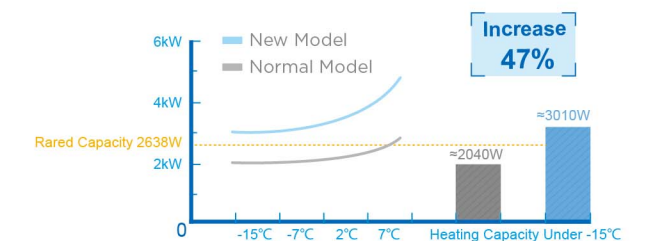
*Mono & Multi Compatible: only available on Oasis 4.0 model.

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%.

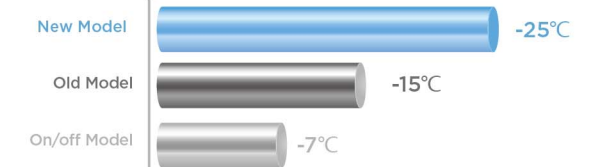


■ Excellent Heating Performance Under -15°C



* 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 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.



Oasis Split



Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MS11M-09HRFN1-QRD6GW(A) MOZ-09HFN1-QRD6W	MS11M-12HRFN1-QRD6GW MOZ-12HFN1-QRD6W	MS11MU-09HRFN1-QRD0GW(A) MOB1-09HFN1-QRD0GW
Performance					
Power Supply	V~, Hz, Ph		220-240,50,1	220-240,50,1	220-240,50,1
Inveter Type			3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	9000(3514-11250)	12000(4207-13800)	9500(4500-12000)
	Rated(Min-Max)	kW	2.6(1.0-3.3)	3.5(1.2-4.0)	2.8(1.3-3.8)
Heating Capacity	Rated(Min-Max)	Btu/h	12000(3129-21496)	14300(3102-22519)	9500(3400-12200)
	Rated(Min-Max)	kW	3.5(0.9-6.3)	4.2(0.9-6.6)	2.9(1.0-4.2)
SEER	W/W		8.5	8.0	6.5
Cooling Energy Rate			A+++	A++	A++
SCOP	Avg./Warm/Cold	W/W	4.6/-/3.6	4.6/-/3.6	4.0/5.1/-
Heating Energy Rate	Avg./Warm/Cold		A+/-/A	A+/-/A	A+/A+/-/-
Tol	°C		-25	-25	-15
Indoor Unit					
Air Flow Volume	H/M/L	m³/h	740/675/600/580	760/700/645/610	650/530/400
Sound Pressure Noise Level	H/M/L	dB(A)	42/36/29	42/36/29	42/34/25
Sound Power Noise Level	Hi	dB(A)	55	55	52
Net Dimension	WxDxH	mm	835x198x280	835x198x280	750x198x280
Packing Dimension	WxDxH	mm	910x270x355	910x270x355	830x270x355
Net / Gross Weight	kg		8.5/11	8.5/11	8/10
Outdoor Unit					
Sound Pressure Noise Level	Hi	dB(A)	56	56	55
Sound Power Noise Level	Hi	dB(A)	61	61	62
Net Dimension	WxDxH	mm	810x310x558	810x310x558	780x250x540
Packing Dimension	WxDxH	mm	930x400x615	930x400x615	910x335x585
Net / Gross Weight	kg		37.5/40	37.5/40	28/30
Piping Size & Applicable Area &Stuffing Quantity					
Piping Size	Liquid	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas	Φmm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Applicable Area	m²		13-22	18-29	13-22
Stuffing Quantity	20'/40'/40'HQ	set	90/190/210	90/190/210	112/230/255

Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MS11MU-12HRFN1-QRDOGW(B) MOZ-12HFN1-QRDOGW	MS11MU-18HRFN1-QRDOGW(B) MOZ-18HFN1-QRDOGW	MS11M-22HRFN1-QRDOGW(B) MOF-24HFN1-QRDOGW
Performance					
Power Supply	V~, Hz, Ph		220-240,50,1	220-240,50,1	220-240,50,1
Inveter Type			3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	12500(4500-16200)	18000(6600-21200)	22000(7500-25300)
	Rated(Min-Max)	kW	3.2(1.3-4.1)	5.0(1.9-6.3)	6.4(2.9-7.8)
Heating Capacity	Rated(Min-Max)	Btu/h	12800(3500-16900)	19000(4100-23800)	25000(5400-31000)
	Rated(Min-Max)	kW	3.2(1.0-4.4)	5.3(1.2-6.4)	7.0(1.6-8.0)
SEER	W/W		7.0	6.4	6.4
Cooling Energy Rate			A++	A++	A++
SCOP	Avg./Warm/Cold	W/W	4.1/5.1/-	4.0/4.8/-	4.0/4.7/-
Heating Energy Rate	Avg./Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-
Tol	°C		-15	-15	-15
Indoor Unit					
Air Flow Volume	H/M/L	m³/h	700/580/500	1250/980/820	1450/1300/1200
Sound Pressure Noise Level	H/M/L	dB(A)	42/35/28	47/40/32	48/44/39
Sound Power Noise Level	Hi	dB(A)	56	56	63
Net Dimension	WxDxH	mm	835x198x280	990x218x315	1186x258x340
Packing Dimension	WxDxH	mm	910x270x355	1065x300x400	1265x340x420
Net / Gross Weight	kg		8.7/11.2	11.8/15	16.6/21.7
Outdoor Unit					
Sound Pressure Noise Level	Hi	dB(A)	56	60	61
Sound Power Noise Level	Hi	dB(A)	62	64	68
Net Dimension	WxDxH	mm	810x310x558	810x310x558	845x320x700
Packing Dimension	WxDxH	mm	930x400x615	930x400x615	965x395x755
Net / Gross Weight	kg		30/32.5	36.5/39	46.8/50.2
Piping Size & Applicable Area &Stuffing Quantity					
Piping Size	Liquid	Φmm(inch)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas	Φmm(inch)	9.52(3/8)	12.7(1/2)	15.9(5/8)
Applicable Area	m²		18-29	25-42	34-56
Stuffing Quantity	20'/40'/40'HQ	set	90/190/210	76/165/188	58/126/141



Toscana Split

Standard Features



ECO Mode



Fast Cool/Heat



Mute Operation



Manual Switch Button



Refrigerant Leakage Detect



Emergency Using Function



Louver Position Memory



Low Ambient Cooling



1W Standby



Intelligent Anti-cold Air Function



12 Indoor Fan Speeds



5 Outdoor Fan Speeds



Mono & Multi Compatible



High Density Filter

Optional Features



I-Remote



WIFI Control



Central Control Management



Wired Controller



Front Desk Control System



Follow Me



8°C Heating

OUTSTANDING FEATURES

Toscana Split



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-09HRFNI-QRD0GW MOZI-09HFN1-QRD0GW	MSTCBU-12HRFNI-QRD0GW MOZI-12HFN1-QRD0GW	MSTCCU-18HRFNI-QRD0GW MOZI-18HFN1-QRD0GW	MSTCDU-24HRFNI-QRD0GW MOFI-24HFN1-QRD0GW
Performance						
Power Supply	V~, Hz, Ph		220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inveter Type			3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	9500(2500-12000)	12000(2500-14000)	17700(3000-20500)	24000(4800-26500)
	Rated(Min-Max)	kW	2.8(0.7-3.6)	3.5(0.7-4.1)	5.3(0.9-6.0)	7.0(1.4-7.8)
Heating Capacity	Rated(Min-Max)	Btu/h	10500(2500-13500)	13000(2500-16000)	19000(3000-21500)	26000(5500-28000)
	Rated(Min-Max)	kW	3.1(0.7-4.0)	3.8(0.7-4.7)	5.6(0.9-6.3)	7.6(1.6-8.2)
SEER	W/W		6.5	6.4	6.8	6.1
Cooling Energy Rate			A++	A++	A++	A++
SCOP	Avg./Warm/Cold	W/W	4.0/5.1/-	4.0/5.1/-	4.0/5.1/-	4.0/4.9/-
Heating Energy Rate	Avg./Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Tol	°C		-20	-20	-20	-20
Indoor Unit						
Air Flow Volume	H/M/L	m³/h	550/450/380	580/500/380	800/530/450	1120/880/630
Sound Pressure Noise Level	H/M/L	dB(A)	37/34/25	37/34/26	43/35/30	48/42/33
Sound Power Noise Level	Hi	dB(A)	53	52	59	63
Net Dimension	WxDxH	mm	770x198x295	850x198x300	1010x230x325	1130x240x340
Packing Dimension	WxDxH	mm	845x285x375	925x285x375	1085x325x405	1205x330x420
Net / Gross Weight	kg		7.2/9.5	8.5/11.3	11.5/15	13.7/17.3
Outdoor Unit						
Sound Pressure Noise Level	Hi	dB(A)	56	56	60	62
Sound Power Noise Level	Hi	dB(A)	62	61	65	70
Net Dimension	WxDxH	mm	810x310x558	810x310x558	810x310x558	845x320x700
Packing Dimension	WxDxH	mm	930x400x615	930x400x615	930x400x615	965x395x755
Net / Gross Weight	kg		30/32.5	30.5/33	37/39	50/53
Piping Size & Applicable Area &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		13-22	18-29	25-42	34-56
Stuffing Quantity	20'/40'/40'HQ	set	85/180/205	74/160/182	72/150/175	58/125/144



Aurora Split



Standard Features

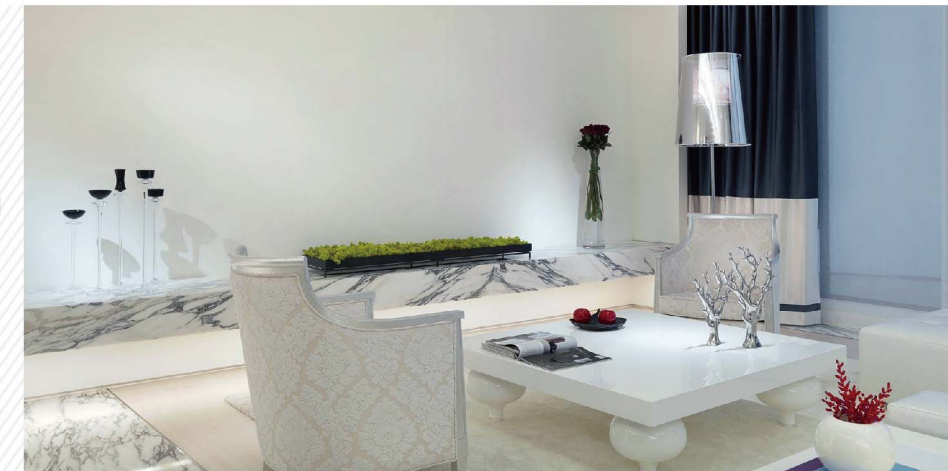


Optional Features



OUTSTANDING FEATURES

Aurora Split



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_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MSABAU-07HRFNI-QRDOGW MOB-07HFNI-QRDOGW	MSABAU-09HRFNI-QRDOGW MOZ-09HFNI-QRDOGW	MSABBU-12HRFNI-QRDOGW MOZ-12HFNI-QRDOGW	MSABDU-18HRFNI-QRDOGW MOZ-18HFNI-QRDOGW	MSABEU-24HRFNI-QRDOGW MOF-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
Inveter Type			3D DC	3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	7500(2400-10000)	10000(2400-11000)	12000(2500-14000)	17700(3000-20500)	24000(4800-26500)
	Rated(Min-Max)	KW	2.2(0.7-3.0)	3.0(0.7-3.2)	3.5(0.7-4.1)	5.2(0.9-6.0)	7.0(1.4-7.8)
Heating Capacity	Rated(Min-Max)	Btu/h	8500(2400-11600)	10000(2400-12000)	13000(2500-16000)	19000(3000-21500)	26000(5500-28000)
	Rated(Min-Max)	KW	2.5(0.7-3.4)	3.0(0.7-3.5)	3.8(0.7-4.7)	5.6(0.9-6.3)	7.6(1.6-8.2)
SEER		W/W	7.0	7.0	7.0	6.8	6.1
Cooling Energy Rate			A++	A++	A++	A++	A++
SCOP	Avg./Warm/Cold	W/W	4.0/5.1/-	4.0/5.1/-	4.0/5.1/-	4.0/5.1/-	4.0/5.1/-
Heating Energy Rate	Avg./Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Tol		°C	-15	-15	-15	-15	-15
Indoor Unit							
Air Flow Volume	H/M/L	m³/h	420/330/230	460/350/280	530/460/330	780/630/420	1000/800/580
Sound Pressure Noise Level	H/M/L	dB(A)	37/32/26	38/33/26	39/34/27	43/36/30	48/40/36
Sound Power Noise Level	Hi	dB(A)	52	52	54	60	65
Net Dimension	WxDxH	mm	722x187x290	722x187x290	802x189x297	965x215x319	1080x226x335
Packing Dimension	WxDxH	mm	790x270x370	790x270x370	875x285x375	1045X305X405	1155x315x415
Net / Gross Weight		kg	7.5/8.8	7.5/9.4	8.1/9.9	10.4/13.1	13/16.6
Outdoor Unit							
Sound Pressure Noise Level	Hi	dB(A)	55	56	56	60	62
Sound Power Noise Level	Hi	dB(A)	60	60	62	65	70
Net Dimension	WxDxH	mm	780x250x540	810x310x558	810x310x558	810x310x558	845x320x700
Packing Dimension	WxDxH	mm	910x335x585	930x400x615	930x400x615	930x400x615	965x395x755
Net / Gross Weight		kg	27.8/29.9	30/33	30/33	37/39	50/53.4
Piping Size & Applicable Area &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	10-17	13-22	18-29	25-42	34-56
Stuffing Quantity	20'/40'/40'HQ	set	110/230/255	90/192/215	86/180/204	77/160/186	67/135/152



Fairwind Split

Standard Features



Refrigerant Leakage Detect



Emergency Using Function



Louver Position Memory



Low Ambient Cooling



1W Standby



Intelligent Anti-cold Air Function



12 Indoor Fan Speeds



5 Outdoor Fan Speeds



Sleep Mode



Turbo Mode



Mono & Multi Compatible



Cold Catalyst Filter

Optional Features



I-Remote



WIFI Control



Wired Controller



Follow Me



8°C Heating



Self-Cleaning



Plasma



Super Ionizer



Golden Fin

OUTSTANDING FEATURES

Fairwind Split



Fairwind Split



Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MS12FU-09HRFN1-QRD0GW MOB-09HFN1-QRD0GW	MS12FU-12HRFN1-QRD0GW MOB1-12HFN1-QC8GW	MS12FU-18HRFN1-QRD0GW MOZ-18HFN1-QRD0GW	MS12F-24HRFN1-QRD0GW MOF-24HFN1-QRD0GW
Performance						
Power Supply	V~, Hz, Ph		220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inveter Type			3D DC	3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	9000(4390-11250)	12000(4300-15240)	17500(5800-20300)	22000(7240-24640)
	Rated(Min-Max)	kW	2.6(1.3-3.3)	3.5(1.3-4.5)	5.1(1.7-5.9)	6.4(2.1-7.2)
Heating Capacity	Rated(Min-Max)	Btu/h	10000(3300-12700)	12500(3480-16000)	18000(3820-21780)	25000(4600-30000)
	Rated(Min-Max)	kW	2.9(1.0-3.7)	3.7(1.0-4.7)	5.3(1.1-6.4)	7.3(1.3-8.8)
SEER	W/W		6.1	5.6	6.4	6.1
Cooling Energy Rate			A++	A+	A++	A++
SCOP	Avg./Warm/Cold	W/W	4.0/5.1/-	4.0/5.1/-	4.0/5.1/-	4.0/5.1/-
Heating Energy Rate	Avg./Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Tol	°C		-15	-15	-15	-15
Indoor Unit						
Air Flow Volume	H/M/L	m³/h	650/560/450	650/560/450	850/620/540	1150/1070/880
Sound Pressure Noise Level	H/M/L	dB(A)	40/33/26	40/34/27	43/35/27	49/43/36
Sound Power Noise Level	Hi	dB(A)	54	56	57	62
Net Dimension	WxDxH	mm	800x188x275	800x188x275	940x205x275	1045x235x315
Packing Dimension	WxDxH	mm	865x265x350	865x265x350	1015x265x350	1135x315x395
Net / Gross Weight	kg		7.3/9.3	7.3/9.3	9/12.2	12/15.2
Outdoor Unit						
Sound Pressure Noise Level	Hi	dB(A)	57	56	61	60
Sound Power Noise Level	Hi	dB(A)	60	63	65	67
Net Dimension	WxDxH	mm	780x250x540	780x250x540	810x310x558	845x320x700
Packing Dimension	WxDxH	mm	910x335x585	910x335x585	930x400x615	965x395x755
Net / Gross Weight	kg		27.4/29.6	27.2/29.5	36.5/39.4	47/50
Piping Size & Applicable Area &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		13-22	18-29	25-42	32-53
Stuffing Quantity	20'/40'/40'HQ	set	113/232/266	113/232/266	96/197/231	65/139/152

Emergency Using Function ▶

Normally, when temperature sensor error happens, the air conditioner will display error code and stop immediately. With this function, when temperature sensor error happens, the air conditioner will display error code and continue running in a proper status instead of stopping immediately, to avoid the case that air conditioner is in urgent need.



Emergency Using Function



Temperature sensor error happens



Turbo Mode ▶

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



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.



Ionizer ▶

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



RF Split

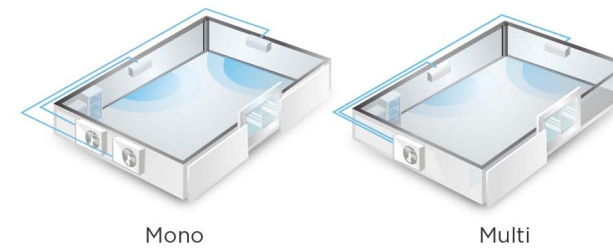
OUTSTANDING
FEATURES

RF Split



Mono&Multi Compatible ▶

The indoor unit is compatible for both mono and multi inverter system. Saving warehouse space and make warehouse management easier.



Mono

Multi

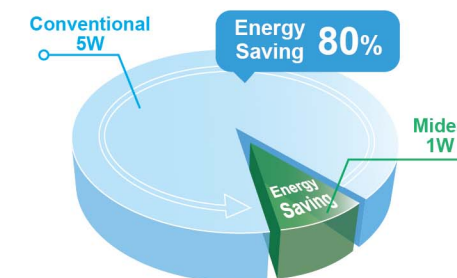
2 Ways Draining Connection ▶

Both left and right sides of indoor unit are possible for drainage hose connection, easy for installation.



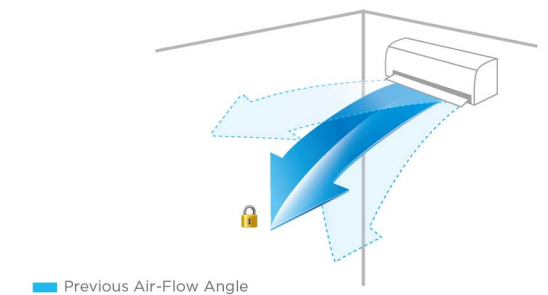
1 W Standby ▶

If the AC is used for 8 hours every day, then it will run into standby mode in the rest 16 hours. And Midea AC helps to save 80% energy consumption in standby mode, with 1W against normal 5W.



Louver Position Memory Function ▶

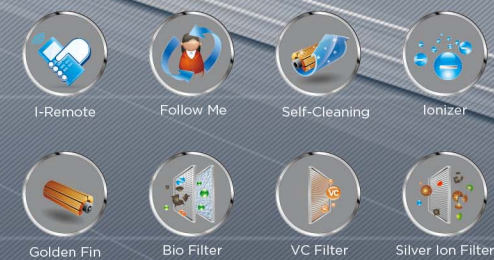
When you start the unit next time, the angle of vertical swing will automatically move to the same position as you set last time.



Standard Features



Optional Features



RF Split

Specification_ DC Inverter ▶



Model NO.	Indoor Unit Outdoor Unit		MSFAU-09HRDNI-QRC8GW MOB-09HFNI-QRC8GW	MSFAU-12HRDNI-QRC8GW MOBI-12HFNI-QRC8GW	MSFAU-18HRFNI-QRC8GW MOCI-18HFNI-QRC8GW	MSFA-24HRDNI-QRC8GW MOF-24HFNI-QRC8GW
Performance						
Power Supply	V~, Hz, Ph		220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inveter Type			2D DC	2D DC	3D DC	2D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	9000(4430-10980)	12000(4820-14640)	17500(6500-20120)	22000(7450-24200)
	Rated(Min-Max)	kW	2.6(1.3-3.2)	3.5(1.4-4.3)	5.1(1.9-6.2)	6.4(2.2-7.1)
Heating Capacity	Rated(Min-Max)	Btu/h	9500(3450-11780)	12500(3350-15500)	18000(4350-21240)	25000(5460-29500)
	Rated(Min-Max)	kW	2.8(1.0-3.5)	3.7(1.0-4.5)	5.3(1.3-6.2)	7.3(1.6-8.6)
SEER	W/W		5.6	5.6	6.1	5.9
Cooling Energy Rate			A+	A+	A++	A+
SCOP	Avg./Warm/Cold	W/W	3.8/4.8/-	3.8/4.8/-	3.8/5.1/-	3.8/4.8/-
Heating Energy Rate	Avg./Warm/Cold		A/A++/-	A/A++/-	A/A++/-	A/A++/-
Tol	°C		-15	-15	-15	-15
Indoor Unit						
Air Flow Volume	H/M/L	m³/h	650/560/450	650/560/450	750/550/480	1100/970/800
Sound Pressure Noise Level	H/M/L	dB(A)	39/34/28	42/35/27	43/37/30	49/43/37
Sound Power Noise Level	Hi	dB(A)	55	56	56	63
Net Dimension	WxDxH	mm	800x188x275	800x188x275	940x205x275	1045x235x315
Packing Dimension	WxDxH	mm	865x265x350	865x265x350	1015x265x350	1135x315x395
Net / Gross Weight	kg		7.5/9.5	7.5/9.5	9/12.5	12.5/15.5
Outdoor Unit						
Sound Pressure Noise Level	Hi	dB(A)	56	56	59	60
Sound Power Noise Level	Hi	dB(A)	63	63	65	67
Net Dimension	WxDxH	mm	780x250x540	780x250x540	760x285x590	845x320x700
Packing Dimension	WxDxH	mm	910x335x585	910x335x585	887x355x645	965x395x755
Net / Gross Weight	kg		28/30	27.2/29.5	34.5/37	47/50
Piping Size & Applicable Area &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		13-22	18-29	25-42	32-53
Stuffing Quantity	20'/40'/40'HQ	set	113/232/266	113/232/266	96/197/231	65/139/152



Luna Split
Anywhere Is 26°C



Standard Features



Refrigerant Leakage Detect



Emergency Using Function



Louver Position Memory



Low Ambient Cooling



1W Standby



Intelligent Anti-cold Air Function



12 Indoor Fan Speeds



5 Outdoor Fan Speeds



Sleep Mode



Turbo Mode



Mono & Multi Compatible



Cold Catalyst Filter

Optional Features



Follow Me



Self-Cleaning



8°C Heating



Super Ionizer



Plasma



Golden Fin

OUTSTANDING FEATURES

Luna Split



Luna Split

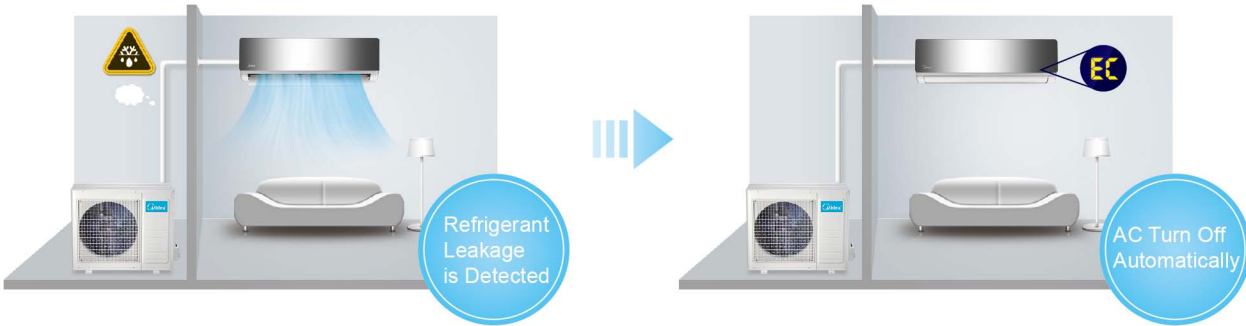
Specification_ DC Inverter ▶



Model NO.	Indoor Unit Outdoor Unit		MS9AU-09HRDN1-QRC8W MOB-09HFNI-QRC8W	MS9AU-12HRDN1-QRC8W MOB-12HFNI-QRC8W	MS9AU-18HRFN1-QRC8W MOC1-18HFNI-QRC8W	MS9A-24HRDN1-QRC8W MOF-24HFNI-QRC8W
Performance						
Power Supply	V~, Hz, Ph		220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inveter Type			2D DC	2D DC	3D DC	2D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	9500(4380-11590)	11200(4100-13660)	17400(6540-20010)	7410-21800-23980
	Rated(Min-Max)	kW	2.8(1.3-3.4)	3.3(1.2-4.0)	5.1(1.9-6.9)	2.2-6.4-7.0
Heating Capacity	Rated(Min-Max)	Btu/h	9000(2740-11160)	11000(3450-13640)	18000(4730-21240)	23000(5590-27140)
	Rated(Min-Max)	kW	2.6(0.8-3.4)	3.2(1.0-4.0)	5.3(1.4-6.2)	6.7(1.6-8.0)
SEER	W/W		5.5	5.5	6.5	5.9
Cooling Energy Rate			A	A	A++	A+
SCOP	Avg./Warm/Cold	W/W	3.8/4.6/-	3.8/4.6/-	3.8/4.2/-	3.8/4.6/-
Heating Energy Rate	Avg./Warm/Cold		A/A+/-	A/A+/-	A/A+/-	A/A+/-
Tol	°C		-15	-15	-15	-15
Indoor Unit						
Air Flow Volume	H/M/L	m³/h	400/330/270	500/430/380	850/780/630	1100/930/860
Sound Pressure Noise Level	H/M/L	dB(A)	37/31/24	40/35/29	41/35/28	50/45/40
Sound Power Noise Level	Hi	dB(A)	55	54	56	63
Net Dimension	WxDxH	mm	710x190x250	790x198x265	920x223x292	998x240x322
Packing Dimension	WxDxH	mm	770x265x318	875x265x335	1015x295x368	1080x320x400
Net / Gross Weight	kg		6.5/8.5	8/10	11/13.5	12.5/16
Outdoor Unit						
Sound Pressure Noise Level	Hi	dB(A)	56	55	58	59
Sound Power Noise Level	Hi	dB(A)	63	63	65	68
Net Dimension	WxDxH	mm	780x250x540	780x250x540	760x285x590	845x320x700
Packing Dimension	WxDxH	mm	910x335x585	910x335x585	887x355x645	965x395x755
Net / Gross Weight	kg		29.5/31.5	29.5/31.5	35/37	48/50
Piping Size & Applicable Area &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		13-22	16-27	25-42	32-53
Stuffing Quantity	20'/40'/40'HQ	set	121/251/285	113/232/266	89/182/215	68/138/155

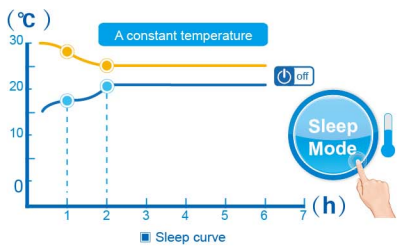
Refrigerant Leakage Detect ▶

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.



Sleep Mode ▶

The function enables the air conditioner to automatically increase cooling or decrease heating 1℃ 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.



Flollow Me ▶

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



Super Ionizer ▶

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



Universal Outdoor Units

Specification ▶



Model NO.			MOU-12HFN1-QRDO	MOU-18HFN1-QRDO	MOU-24HFN1-QRDO	MOU-30HFN1-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	2400	2700	5000
Sound Pressure Noise Level	Hi	dB(A)	53	54	62	62
Sound Power Noise Level	Hi	dB(A)	65	65	70	67
Dimension & Weight & Piping Size						
Net Dimension	WxDxH	mm	810x310x558	810x310x558	845x320x700	945x395x810
Packing Dimension	WxDxH	mm	930x400x615	930x400x615	965x395x755	1090x475x855
Net Weight		kg	30	37	45	69
Gross Weight		kg	35	40	50	74
Piping Size	Liquid	Φmm(inch)	6.4(1/4")	6.4(1/4")	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	9.5(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
Stuffing Quantity						
20"/40"/40"HQ		set	102/216/288	102/216/288	102/216/216	68/144/216

Specification ▶



Model NO.			MOU-36HFN1-QRDO	MOU-36HFN1-RRDO	MOU-48HFN1-Q	MOU-48HFN1-R	MOU-60HFN1-R
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
Air Flow Volume	m³/h		5000	5000	7200	7200	7500
Sound Pressure Noise Level	Hi	dB(A)	62	62	62	63	64
Sound Power Noise Level	Hi	dB(A)	67	67	69	69	69
Dimension & Weight & Piping Size							
Net Dimension	WxDxH	mm	945x395x810	945x395x810	938x392x1369	938x392x1369	938x392x1369
Packing Dimension	WxDxH	mm	1090x475x855	1090x475x855	1095x495x1505	1095x495x1505	1095x495x1505
Net Weight		kg	69	69	102	102	107
Gross Weight		kg	74	74	118	118	120
Piping Size	Liquid	Φmm(inch)	9.5(3/8")	9.5(3/8")	9.5(3/8")	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")	15.9(5/8")
Max. Pipe Length		m	50	50	65	65	65
Max. Height Difference		m	25	25	30	30	30
Stuffing Quantity							
20"/40"/40"HQ		set	68/144/216	68/144/216	22/48/48	22/48/48	22/48/48

Compact Round Flow Cassette



Standard Features

- Sleep Mode
- Anti-cold Air Function
- Louver Position Memory
- Twin Combination
- Fire-proof Electric Box
- Emergency Using Function
- Turbo Mode
- I-Remote
- Built-in Drain Pump
- Auto Restart Function
- Timer
- Low Ambient Cooling

Features

- Follow Me
- Reserved On/Off Port
- Error Alarm Port
- Wired Controller
- Central Control Management
- Fresh Air



OUTSTANDING FEATURES

Compact Round Flow Cassette



Compact Round Flow Cassette

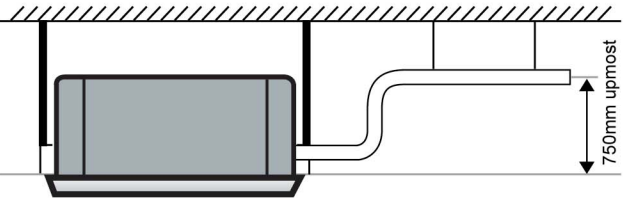


Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit	Outdoor Unit	MCA3U-12HRFN1-QRDO MOU-12HRFN1-QRDO	MCA3-18HRFN1-QRDO MOU-18HRFN1-QRDO
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	12000(3070-15700)	17000(3070-20200)
	Rated(Min-Max)	kW	3.5(0.9-4.6)	5.0(0.9-5.9)
Heating Capacity	Rated(Min-Max)	Btu/h	12000(3070-15700)	18000(3070-25600)
	Rated(Min-Max)	kW	3.5(0.9-4.6)	5.3(0.9-7.5)
SEER	Average	W/W	6.1	6.1
Cooling Energy Rate			A+	A+
SCOP	Average	W/W	4.0	4.0
Heating Energy Rate			A+	A+
Tol	C		-15	-15
Air Flow Volume	H/M/L	m³/h	800/700/560	800/700/560
Sound Pressure Noise Level	H/M/L	dB(A)	45/42/39	45/41/38
Sound Power Noise Level	Hi	dB(A)	54	59
Dimension & Weight & Piping Size				
Net Dimension	Body	mm(WxDxH)	570x570x260	570x570x260
	Panel	mm(WxDxH)	647x647x50	647x647x50
Packing Dimension	Body	mm(WxDxH)	655x655x290	655x655x290
	Panel	mm(WxDxH)	715x715x123	715x715x123
Net / Gross Weight	Body	kg	16/19	18/21
	Panel	kg	2.5/4.5	2.5/4.5
Piping Size	Liquid	Φmm(inch)	6.4(1/4")	6.4(1/4")
	Gas	Φmm(inch)	9.5(3/8")	12.7(1/2")
Applicable Area & Stuffing Quantity				
Applicable Area	m²		13-21	21-35
Stuffing Quantity	20'/40'/40'HQ	set	71/148/174	58/122/143

Build-in Drain Pump ▶

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



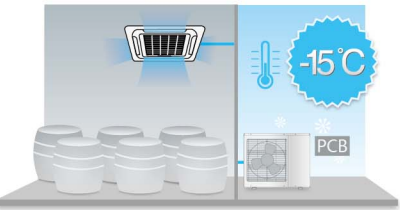
Fresh Air ▶

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 condensor temperature, even when the temperature is down to -15℃.



E-box Inside ▶

The E-box is simply and safely built inside the indoor unit. This integrated design provides a more compact body size and ease of installation. And the maintenance of the E-box is simple, by opening the air-return-grille.



Wired Controller ▶

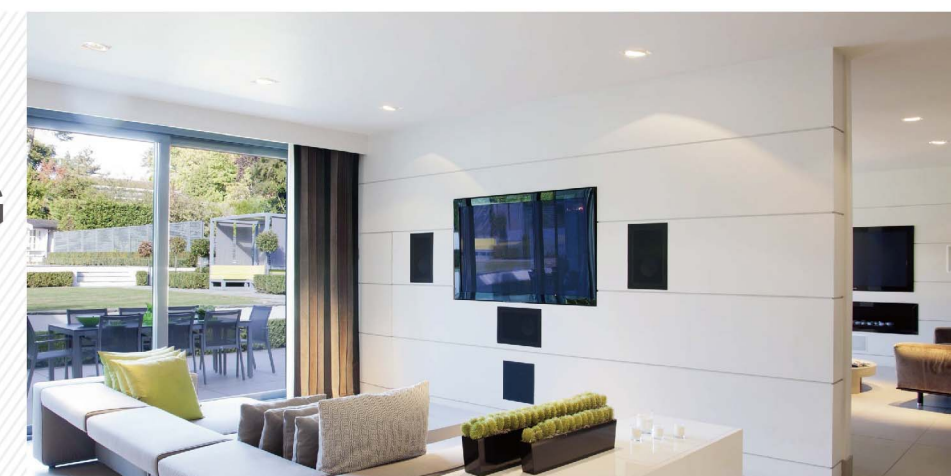
Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



Super Slim Round Flow Cassette

OUTSTANDING FEATURES

Super Slim
Round Flow Cassette



Lifting Easy-clean Panel (Optional) ▶

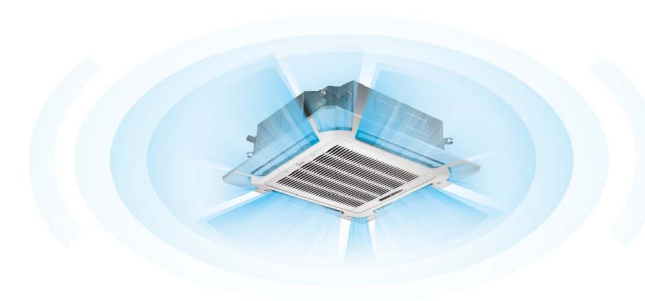
The removable lifting panel makes the clean process much easier.



Easy Cleaning Panel



Conventional Panel

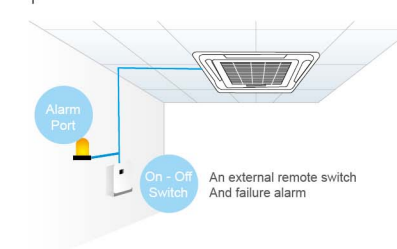


360° Air Flow Panel

Reserved ON-OFF and Alarm Ports ▶

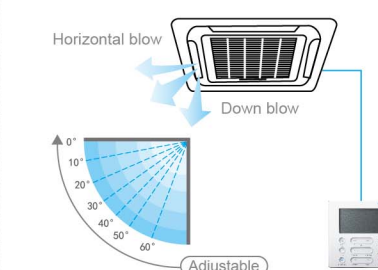
ON-OFF Switch: With the reserved ports, a remote switch can be easily connected to a realize remote control.

Alarm Port: The built-in PCB can output alarm signal, which makes setting up an external alarm light or vibration gauge possible.



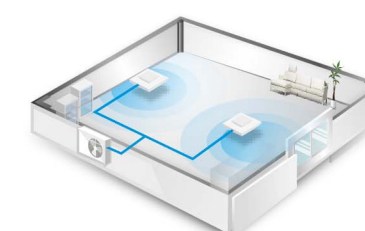
Independent Vane Control ▶

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



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.



Standard Features



Optional Features



Super Slim Design



Super Slim Round Flow Cassette



Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit	Outdoor Unit	MCD-18HRFNI-QRDO MOU-18HFNI-QRDO	MCD-24HRFNI-QRDO MOU-24HFNI-QRDO	MCD-30HRFNI-QRDO MOU-30HFNI-QRDO	MCD-36HRFNI-QRDO MOU-36HFNI-QRDO	MCD-36HRFNI-QRDO MOU-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	Rated(Min-Max)	Btu/h	18000(3070-25200)	24000(4100-33800)	30000(9550-37200)	36000(9550-44300)	36000(9550-44300)
	Rated(Min-Max)	KW	5.3(0.9-7.4)	7.1(1.2-9.9)	8.8(2.8-10.9)	10.5(2.8-13.0)	10.5(2.8-13.0)
Heating Capacity	Rated(Min-Max)	Btu/h	18000(3070-25200)	26000(4100-37200)	30000(9550-37200)	40000(9210-55200)	40000(9210-55200)
	Rated(Min-Max)	KW	5.3(0.9-7.4)	7.8(1.2-10.9)	8.8(2.8-10.9)	11.7(2.7-16.1)	11.7(2.7-16.1)
SEER	Average	W/W	6.1	5.6	6.1	5.8	5.8
Cooling Energy Rate			A++	A	A++	A	A
SCOP	Average	W/W	4.0	4.0	4.0	4.0	4.0
Heating Energy Rate			A+	A+	A+	A+	A+
Tol	C		-15	-15	-15	-15	-15
Air Flow Volume	H/M/L	m³/h	1250/1050/900	1780/1560/1360	1850/1600/1400	2020/1800/1500	2020/1800/1500
Sound Pressure Noise Level	H/M/L	dB(A)	49/43/37	48/44/40	48/44/40	51/47/44	51/47/44
Sound Power Noise Level	Hi	dB(A)	59	62	62	64	64
Dimension & Weight & Piping Size							
Net Dimension	Body	mm(WxDxH)	840x840x205	840x840x245	840x840x245	840x840x245	840x840x245
	Panel	mm(WxDxH)	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
Packing Dimension	Body	mm(WxDxH)	900x900x225	900x900x265	900x900x265	900x900x265	900x900x265
	Panel	mm(WxDxH)	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net / Gross Weight	Body	kg	22/25	24/28	26.5/30.5	26.5/30.5	26.5/30.5
	Panel	kg	5/8	5/8	5/8	5/8	5/8
Piping Size	Liquid	Φmm(inch)	6.4(1/4")	9.5(3/8")	9.5(3/8")	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	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		21-35	28-47	36-60	42-70	42-70
Stuffing Quantity	20'/40'/40'HQ	set	58/120/141	42/88/103	33/38/80	33/38/80	33/68/80

Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit	Outdoor Unit	MCD-48HRFNI-Q(A) MOU-48HFNI-Q	MCD-48HRFNI-Q(A) MOU-48HFNI-R	MCD-55HRFNI-Q(A) MOU-55HFNI-R
Performance					
Power Supply	V~, Hz, Ph		220-240, 50, 1	380-415, 50, 3	380-415, 50, 3
Inverter Type			3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	47000(13600-55800)	47000(13600-55800)	55000(16000-66000)
	Rated(Min-Max)	KW	13.8(4.0-16.4)	13.8(4.0-16.4)	16.0(4.7-19.3)
Heating Capacity	Rated(Min-Max)	Btu/h	53000(14300-63000)	53000(14300-63000)	62000(17000-74500)
	Rated(Min-Max)	KW	15.5(4.2-18.5)	15.5(4.2-18.5)	18.2(5.0-21.8)
SEER	Average	W/W	5.6	5.6	5.6
Cooling Energy Rate			A	A	A
SCOP	Average	W/W	4.0	4.0	4.0
Heating Energy Rate			A+	A+	A+
Tol	C		-15	-15	-15
Air Flow Volume	H/M/L	m³/h	2300/2100/1800	2300/2100/1800	2300/2100/1800
Sound Pressure Noise Level	H/M/L	dB(A)	54/49/46	54/49/46	55/50/47
Sound Power Noise Level	Hi	dB(A)	65	65	65
Dimension & Weight & Piping Size					
Net Dimension	Body	mm(WxDxH)	840x840x245	840x840x287	840x840x300
	Panel	mm(WxDxH)	950x950x55	950x950x55	950x950x55
Packing Dimension	Body	mm(WxDxH)	900x900x265	900x900x292	900x900x320
	Panel	mm(WxDxH)	1035x1035x90	1035x1035x90	1035x1035x90
Net / Gross Weight	Body	kg	26.5/30.5	26.5/30.5	26.5/30.5
	Panel	kg	5/8	5/8	8
Piping Size	Liquid	Φmm(inch)	9.5(3/8")	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable Area & Stuffing Quantity					
Applicable Area	m²		56-93	56-93	56-93
Stuffing Quantity	20'/40'/40'HQ	set	25/52/63	25/52/63	25/52/63

Ceiling & Floor



Standard Features



Optional Features



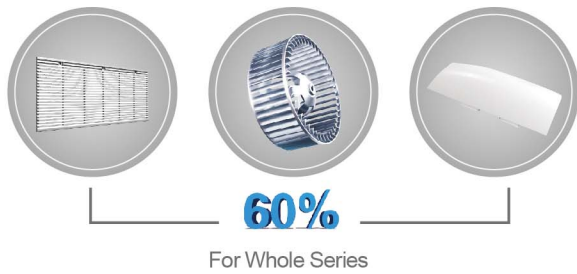
OUTSTANDING FEATURES

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.



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.



Turbo ▶

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



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.



Ceiling & Floor



Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit	Outdoor Unit	MUE-18HRFN1-QRDO MOU-18HFN1-QRDO	MUE-24HRFN1-QRDO MOU-24HFN1-QRDO	MUE-30HRFN1-QRDO MOU-30HFN1-QRDO	MUE-36HRFN1-QRDO(A) MOU-36HFN1-QRDO	MUE-36HRFN1-QRDO(A) MOU-36HFN1-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	Rated(Min-Max)	Btu/h	18000(3070-25200)	24000(4100-33800)	30000(9550-37200)	36000(9550-44300)	36000(9550-44300)
	Rated(Min-Max)	kW	5.3(0.9-7.4)	7.1(1.2-9.9)	8.8(2.8-10.9)	10.5(2.8-13.0)	10.5(2.8-13.0)
Heating Capacity	Rated(Min-Max)	Btu/h	18000(3070-25200)	26000(4100-37200)	30000(9550-37200)	40000(9210-55200)	40000(9210-55200)
	Rated(Min-Max)	kW	5.3(0.9-7.4)	7.8(1.2-10.9)	8.8(2.8-10.9)	11.7(2.7-16.1)	11.7(2.7-16.1)
SEER	Average	W/W	5.8	5.6	6.3	6.1	6.1
Cooling Energy Rate			A	A	A+	A+	A+
SCOP	Average	W/W	4.0	4.0	4.0	4.0	4.0
Heating Energy Rate			A+	A+	A+	A+	A+
Tol			-15	-15	-15	-15	-15
Air Flow Volume	H/M/L	m3/h	900/750/600	1400/1250/1100	2200/1850/1500	2200/1850/1500	2200/1850/1500
Sound Pressure Noise Level	H/M/L	dB(A)	45/42/38	53/50/47	54/49/44	52/47/43	51/16/41
Sound Power Noise Level	Hi	dB(A)	60	63	64	64	64
Dimension & Weight & Piping Size							
Net Dimension	WxDxH	mm	1068x675x235	1068x675x235	1285x675x235	1650x675x235	1650x675x235
Packing Dimension	WxDxH	mm	1145x755x313	1145x755x313	1360x755x313	1725x755x313	1725x755x313
Net /Gross Weight			25/30	25/30	30/35	40/46	40/46
Piping Size	Liquid	Φmm(inch)	6.4(1/4")	9.5(3/8")	9.5(3/8")	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	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	m ²		21-35	28-47	36-60	42-70	42-70
Stuffing Quantity	20'/40'/40'HQ	set	50/100/119	40/86/92	36/75/88	27/57/67	27/57/67

Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit	Outdoor Unit	MUE-48HRFN1-Q(A) MOU-48HFN1-Q	MUE-48HRFN1-Q(A) MOU-48HFN1-R	MUE-55HRFN1-Q(A) MOU-55HFN1-R
Performance					
Power Supply	V~, Hz, Ph		220-240, 50, 1	380-415, 50, 3	380-415, 50, 3
Inverter Type			3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	47000(13600-55800)	47000(13600-55800)	55000(16000-66000)
	Rated(Min-Max)	kW	13.8(4.0-16.4)	13.8(4.0-16.4)	16.0(4.7-19.3)
Heating Capacity	Rated(Min-Max)	Btu/h	53000(14300-63000)	53000(14300-63000)	62000(17000-74500)
	Rated(Min-Max)	kW	15.5(4.2-18.5)	15.5(4.2-18.5)	18.2(5.0-21.8)
SEER	Average	W/W	5.6	5.6	5.6
Cooling Energy Rate			A+	A+	A+
SCOP	Average	W/W	4.0	4.0	4.0
Heating Energy Rate			A+	A+	A+
Tol			-15	-15	-15
Air Flow Volume	H/M/L	m3/h	2550/2150/1850	2550/2150/1850	2300/1900/1700
Sound Pressure Noise Level	H/M/L	dB(A)	56/50/46	56/50/46	55/52/50
Sound Power Noise Level	Hi	dB(A)	65	65	65
Dimension & Weight & Piping Size					
Net Dimension	WxDxH	mm	1650x675x235	1650x675x235	1650x675x235
Packing Dimension	WxDxH	mm	1725x755x313	1725x755x313	1725x755x313
Net /Gross Weight			40/46	40/46	40/46
Piping Size	Liquid	Φmm(inch)	9.5(3/8")	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable Area & Stuffing Quantity					
Applicable Area	m ²		56-93	56-93	64-107
Stuffing Quantity	20'/40'/40'HQ	set	27/57/67	27/57/67	27/57/67



Console

Standard Features



Sleep Mode

Refrigerant
Leakage DetectAnti-cold Air
Function

I-Remote

Louver Position
MemoryLow Ambient
Cooling

Turbo Mode

Flexible
InstallationAuto Restart
Function

Timer

Emergency
Using Function

Optional Features

Reserved
On/Off Port

Healthy Filters



Wired Controller

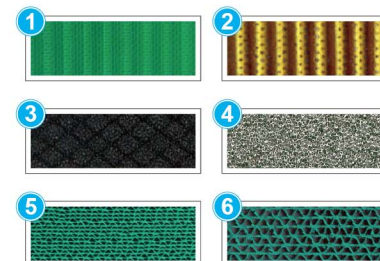
OUTSTANDING FEATURES

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.



4 Directions Air-inlet ▶



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_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit		MFAU-12HRFN1-QRDO MOU-12HFN1-QRDO
Performance			
Power Supply	V~, Hz, Ph		220-240, 50, 1
Inverter Type			3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	12300(3070-14000)
	Rated(Min-Max)	kW	3.6(0.9-4.1)
Heating Capacity	Rated(Min-Max)	Btu/h	12300(3070-14000)
	Rated(Min-Max)	kW	3.6(0.9-4.1)
SEER	Average	W/W	5.6
Cooling Energy Rate			A
SCOP	Average	W/W	3.9
Heating Energy Rate			A
Tol			-15
Air Flow Volume	H/M/L	m3/h	810/780/680/530/450
Sound Pressure Noise Level	H/M/L	dB(A)	45/40/35
Sound Power Noise Level	Hi	dB(A)	57
Dimension & Weight & Piping Size			
Net Dimension	W×D×H	mm	700×210×600
Packing Dimension	W×D×H	mm	810×305×710
Net /Gross Weight			15/20
Piping Size	Liquid	Φmm(inch)	6.4(1/4")
	Gas	Φmm(inch)	9.5(3/8")
Applicable Area & Stuffing Quantity			
Applicable Area	m²		13-21
Stuffing Quantity	20'/40'/40'HQ	set	73/153/179



Duct

Standard Features

- 

Sleep Mode
- 

Anti-cold Air Function
- 

Turbo Mode
- 

Refrigerant Leakage Detect
- 

Emergency Using Function
- 

I-Remote
- 

Low Ambient Cooling
- 

Adjustable Static Pressure Switch
- 

Reserved On/Off Port
- 

Error Alarm Port
- 

Auto Restart Function
- 

Timer
- 

Wired Controller
- 

Twin Combination

Optional Features

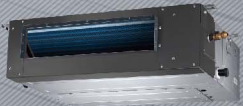
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Follow Me
- 

Built-in Drain Pump
- 

Central Control Management
- 

Fresh Air



OUTSTANDING FEATURES

Duct



Duct



Specification_ 3D DC Inverter ▶

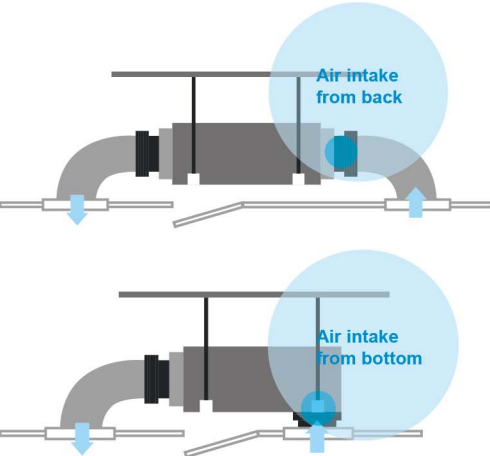
Model NO.	Indoor Unit Outdoor Unit	MTBU-12HWFN1-QRDO MOU-12HFN1-QRDO	MTB-18HWFN1-QRDO MOU-18HFN1-QRDO	MTB-24HWFN1-QRDO MOU-24HFN1-QRDO
Performance				
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inverter Type		3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	18000(3070-25200)	24000(4100-33800)
	Rated(Min-Max)	kW	0.9-3.5-4.6	7.1(1.2-9.9)
Heating Capacity	Rated(Min-Max)	Btu/h	3070-12000-15700	18000(3070-25200)
	Rated(Min-Max)	kW	0.9-3.5-4.6	5.3(0.9-7.4)
SEER	Average	W/W	6.1	5.6
Cooling Energy Rate			A+	A
SCOP	Average	W/W	4.0	4.0
Heating Energy Rate			A+	A+
Tol		C	-15	-15
Static Pressure		Pa	556/437/412	1255/948/800
Air Flow Volume	H/M/L	m³/h	25	25
Sound Pressure Noise Level	H/M/L	dB(A)	40/37/35	44/41/38
Sound Power Noise Level	Hi	dB(A)	55	59
Dimension & Weight & Piping Size				
Net Dimension	WxDxH	mm	700x210x635	920x270x635
Packing Dimension	WxDxH	mm	915x290x655	1135x350x655
Net /Gross Weight		kg	18/24.5	28/31.5
Piping Size	Liquid	Φmm(inch)	6.4(1/4")	6.4(1/4")
	Gas	Φmm(inch)	9.5(3/8")	12.7(1/2")
Applicable Area & Stuffing Quantity				
Applicable Area		m²	13-21	21-35
Stuffing Quantity	20'/40'/40'HQ	set	71/148/170	5/115/132

Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit Outdoor Unit	MTB-30HWFN1-QRDO MOU-30HFN1-QRDO	MTB-36HWFN1-QRDO(A) MOU-36HFN1-QRDO	MTB-36HWFN1-QRDO(A) MOU-36HFN1-QRDO
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	Rated(Min-Max)	Btu/h	30000(9550-37200)	36000(9550-44300)
	Rated(Min-Max)	kW	8.8(2.8-10.9)	10.5(2.8-13.0)
Heating Capacity	Rated(Min-Max)	Btu/h	30000(9550-37200)	40000(9210-55200)
	Rated(Min-Max)	kW	8.8(2.8-10.9)	11.7(2.7-16.1)
SEER	Average	W/W	5.8	5.8
Cooling Energy Rate			A	A
SCOP	Average	W/W	4.0	4.0
Heating Energy Rate			A+	A+
Tol		C	-15	-15
Static Pressure		Pa	1740/1560/1180	1740/1560/1180
Air Flow Volume	H/M/L	m³/h	37	37
Sound Pressure Noise Level	H/M/L	dB(A)	47/43/39	40/38/36
Sound Power Noise Level	Hi	dB(A)	65	62
Dimension & Weight & Piping Size				
Net Dimension	WxDxH	mm	920x270x635	1200x865x300
Packing Dimension	WxDxH	mm	1135x350x655	1385x920x373
Net /Gross Weight		kg	28/31.5	44/52.5
Piping Size	Liquid	Φmm(inch)	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	15.9(5/8")	15.9(5/8")
Applicable Area & Stuffing Quantity				
Applicable Area		m²	36-60	42-70
Stuffing Quantity	20'/40'/40'HQ	set	31/65/71	26/54/62

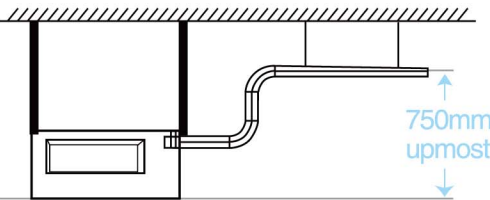
Flexible Air Intake Ways ▶

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.



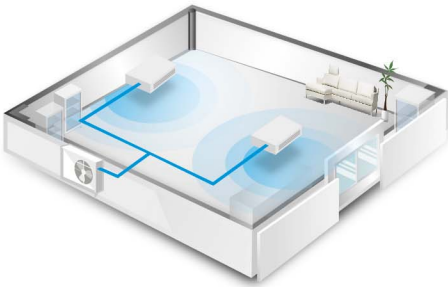
Built-in Drain Pump (optional) ▶

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



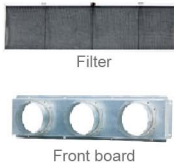
Twin Combination ▶

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.



Duct



Specification_ 3D DC Inverter ▶

Model NO.	Indoor Unit	Outdoor Unit	MTB-48HWFNI-Q(A) MOU-48HFNI-Q	MTB-48HWFNI-Q(A) MOU-48HFNI-R	MTB-55HWFNI-Q(A) MOU-55HFNI-R
Performance					
Power Supply	V~, Hz, Ph		220-240, 50, 1	380-415, 50, 3	380-415, 50, 3
Inverter Type			3D DC	3D DC	3D DC
Cooling Capacity	Rated(Min-Max)	Btu/h	47000(13600-55800)	47000(13600-55800)	55000(16000-66000)
	Rated(Min-Max)	kW	13.8(4.0-16.4)	13.8(4.0-16.4)	16.0(4.7-19.3)
Heating Capacity	Rated(Min-Max)	Btu/h	53000(14300-63000)	53000(14300-63000)	62000(17000-74500)
	Rated(Min-Max)	kW	15.5(4.2-18.5)	15.5(4.2-18.5)	18.2(5.0-21.8)
SEER	Average	W/W	5.6	5.6	5.6
Cooling Energy Rate			A	A	A
SCOP	Average	W/W	4.0	4.0	4.0
Heating Energy Rate			A+	A+	A+
Tol	℃		-15	-15	-15
Static Pressure	Pa		50	50	50
Air Flow Volume	H/M/L	m³/h	2413/1641/-	2413/1641/-	2413/1641/-
Sound Pressure Noise Level	H/M/L	dB(A)	44/42/40	44/41/37	44/41/37
Sound Power Noise Level	Hi	dB(A)	65	65	65
Dimension & Weight & Piping Size					
Net Dimension	W×D×H	mm	1200x865x300	1200x865x300	1200x865x300
Packing Dimension	W×D×H	mm	1385x920x373	1385x920x373	1385x920x373
Net /Gross Weight	kg		44/52.5	44/52.5	44/52.5
Piping Size	Liquid	Φmm(inch)	9.5(3/8")	9.5(3/8")	9.5(3/8")
	Gas	Φmm(inch)	15.9(5/8")	15.9(5/8")	15.9(5/8")
Applicable Area & Stuffing Quantity					
Applicable Area	m²		42-70	42-70	42-70
Stuffing Quantity	20'/40'/40'HQ	set	22/46/54	22/46/54	22/46/54



Free Match Inverter

Wide Choices



16000/18000 Btu/h



21000/26000 Btu/h



28000 Btu/h



36000/42000 Btu/h

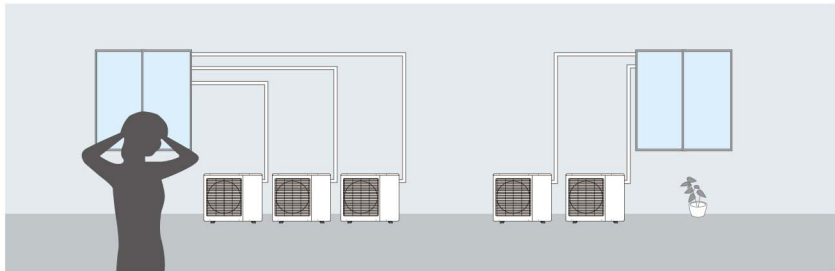
OUTSTANDING
FEATURES

Free Match



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.



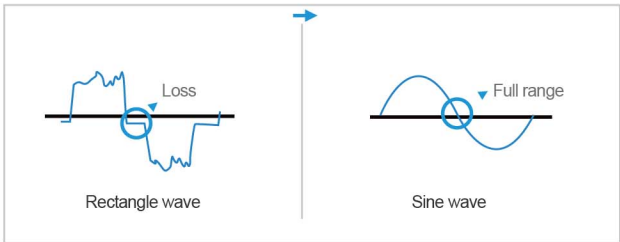
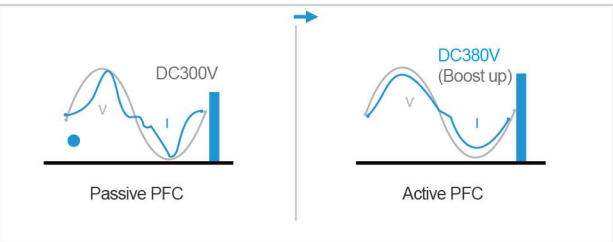
5 outdoor units



1 outdoor unit

Energy Saving ▶

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



Free Match-Combination Table

1 Drive 2				1 Drive 2			
M2OD-16HFNI-Q	One Unit	Two Units		M2OD-18HFNI-Q	One Unit	Two Units	
	7	7+7	9+9		7	7+7	9+9
	9	7+9	9+12		9	7+9	9+12
	12	7+12			12	7+12	9+18
	18				18	7+18	12+12

1 Drive 3				
M3OD-21HFNI-Q	One Unit	Two Units		Three Units
	7	7+7	9+12	7+7+7 9+9+9
	9	7+9	9+18	7+7+9 9+9+12
	12	7+12	12+12	7+7+12
	18	7+18	12+18	7+9+9
	7	7+7	9+12	7+7+7 7+9+12
	9	7+9	9+18	7+7+9 7+12+12
	12	7+12	12+12	7+7+12 9+9+9
	18	7+18	12+18	7+7+18 9+9+12

1 Drive 4									
M4OD-28HFNI-Q	One Unit	Two Units		Three Units			Four Units		
	7	7+7	9+12	7+7+7	7+9+12	9+9+12	7+7+7+7	7+7+9+9	7+9+9+12
	9	7+9	9+18	7+7+9	7+9+18	9+9+18	7+7+7+9	7+7+9+12	7+9+12+12
	12	7+12	12+12	7+7+12	7+12+12	9+12+12	7+7+7+12	7+7+12+12	9+9+9+9
	18	7+18	12+18	7+7+18	7+12+18	9+12+18	7+7+7+18	7+9+9+9	9+9+9+12
		9+9	18+18	7+9+9	9+9+9	12+12+12			
	7	7+7	9+12	7+7+7	7+12+12	9+12+18	7+7+7+7	7+7+12+12	7+9+12+18
	9	7+9	9+18	7+7+9	7+12+18	9+18+18	7+7+7+9	7+7+12+18	9+12+12+12
	12	7+12	12+12	7+7+12	7+18+18	12+12+12	7+7+7+12	7+7+18+18	7+12+12+18
		7+18	12+18	7+7+18	9+9+9	12+12+18	7+7+7+18	7+9+9+9	9+9+9+9
		9+9	18+18	7+9+9	9+9+12	12+18+18	7+7+9+9	7+9+9+12	9+9+9+12
				7+9+12	9+9+18		7+7+9+12	7+9+9+18	9+9+9+18
				7+9+18	9+12+12		7+7+9+18	7+9+12+12	9+9+12+12

1 Drive 5										
M5OC-36HFNI-Q	One Unit	Two Units		Three Units			Four Units			
	7	7+7	9+12	7+7+7	7+12+12	9+12+18	7+7+7+7	7+7+12+12	7+9+12+18	9+9+9+18
	9	7+9	9+18	7+7+9	7+12+18	9+18+18	7+7+7+9	7+7+12+18	7+9+18+18	9+9+12+12
	12	7+12	12+12	7+7+12	7+18+18	12+12+12	7+7+7+12	7+7+18+18	7+12+12+12	9+9+12+18
	18	7+18	12+18	7+7+18	9+9+9	12+12+18	7+7+7+18	7+9+9+9	7+12+12+18	9+9+18+18
		9+9	18+18	7+9+9	9+9+12	12+18+18	7+7+9+9	7+9+9+12	7+12+18+18	9+12+12+12
				7+9+12	9+9+18		7+7+9+12	7+9+9+18	9+9+9+18	9+12+12+18
				7+9+18	9+12+12		7+7+9+18	7+9+12+12	9+9+9+12	12+12+12+12
Five Units										
	7+7+7+7+7	7+7+7+7+12	7+7+7+9+9	7+7+7+9+18	7+7+7+12+18	7+7+9+9+12	7+7+9+12+12	7+9+9+9+18	7+9+12+12+12	9+9+9+9+12
	7+7+7+7+9	7+7+7+7+18	7+7+7+9+12	7+7+7+12+12	7+7+9+9+9	7+7+9+9+18	7+7+12+12+12	7+9+9+9+12	7+9+9+12+12	9+9+9+9+9
M5OD-42HFNI-Q	One Unit	Two Units		Three Units			Four Units			
	7	7+7	9+18	7+7+7	7+12+18	9+18+18	7+7+7+7	7+7+12+24	7+9+18+24	9+9+12+24
	9	7+9	9+24	7+7+9	7+12+24	12+12+12	7+7+7+9	7+7+18+18	7+12+12+12	9+9+18+18
	12	7+12	12+12	7+7+12	7+18+18	12+12+18	7+7+7+12	7+7+18+24	7+12+12+18	9+12+12+12
	18	7+18	12+18	7+7+18	9+9+9	12+12+24	7+7+7+18	7+9+9+9	7+12+12+24	9+12+12+18
		7+24	12+24	7+7+24	9+9+12	12+18+18	7+7+7+24	7+9+9+12	7+12+18+18	9+12+12+24
		9+9	18+18	7+9+9	9+9+18	18+18+18	7+7+9+9	7+9+9+18	9+9+9+9	9+12+18+18
		9+12	18+24	7+9+12	9+9+24		7+7+9+12	7+9+9+24	9+9+9+12	12+12+12+12
				7+9+18	9+12+12		7+7+9+18	7+9+12+12	9+9+9+18	12+12+12+18
				7+9+24	9+12+18		7+7+9+24	7+9+12+18	9+9+9+24	
				7+12+12	9+12+24		7+7+12+12	7+9+12+24	9+9+12+12	
Five Units										
	7+7+7+7+7	7+7+7+7+24	7+7+7+9+24	7+7+7+18+18	7+7+9+9+24	7+7+12+12+12	7+9+9+9+18	7+9+12+12+12	9+9+9+9+12	9+9+12+12+12
	7+7+7+7+9	7+7+7+9+9	7+7+7+12+12	7+7+9+9+9	7+7+9+12+12	7+7+12+12+18	7+9+9+9+24	7+9+12+12+18	9+9+9+9+18	9+12+12+12+12
	7+7+7+7+12	7+7+7+9+12	7+7+7+12+18	7+7+9+9+12	7+7+9+12+18	7+9+9+9+9	7+9+9+12+12	7+12+12+12+12	9+9+9+12+12	
	7+7+7+7+18	7+7+7+9+18	7+7+7+12+24	7+7+9+9+18	7+7+9+18+18	7+9+9+9+12	7+9+9+12+18	9+9+9+9+9	9+9+9+12+18	

Free Match-Outdoor Units

Specification ▶

DC Inverter



16,000/18,000 Btu/h



21,000/26,000 Btu/h

Model NO.		M2OD-16HFN1-Q	M2OD-18HFN1-Q	M3OD-21HFN1-Q	M3OD-26HFN1-Q
System Format		1 Drive 2	1 Drive 2	1 Drive 3	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 Volume	m³/h	2100	2100	2700	2700
Sound Power Noise Level	dB(A)	65	65	64	68
Sound Pressure Noise Level	dB(A)	56	56	58	58
Dimension & Weight & Piping Size					
Net Dimension	WxDxH	mm	810x310x558	810x310x558	845x320x700
Packing Dimension	WxDxH	mm	930x400x615	930x400x615	965x395x755
Net / Gross Weight	kg		34.5/37.5	36.5/39.5	50 / 54
Liquid / Gas Side	Φmm		2x(6.35/9.52)	2x(6.35/9.52)	3x(6.35/9.52)
Max. Pipe Length	Each Indoor	m	15	15	15
Max. Heigh Difference	Each Indoor	m	10	10	10
Stuffing Quantity					
20' / 40' / 40' HQ	set		102/216/288	102/216/288	102/216/216



28,000 Btu/h



36,000/42,000 Btu/h

Specification ▶

DC Inverter

Model NO.		M4OD-28HFN1-Q	M4OA-36HFN1-Q	M5OC-36HFN1-Q	M5OD-42HFN1-Q
System Format		1 Drive 4	1 Drive 4	1 Drive 5	1 Drive 5
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	3800	5500	5500	5500
Sound Power Noise Level	dB(A)	70	67	68	72
Sound Pressure Noise Level	dB(A)	59	64	64	66
Dimension & Weight & Piping Size					
Net Dimension	WxDxH	mm	900x315x860	990x345x965	990x345x965
Packing Dimension	WxDxH	mm	1043x395x915	1120x435x1100	1120x435x1100
Net / Gross Weight	kg		65/69	78/88	83.5/93
Liquid / Gas Side	Φmm		4x(6.35/9.52)	4x(6.35/9.52)	5x(6.35/9.52)
Max. Pipe Length	Each Indoor	m	15	15	15
Max. Heigh Difference	Each Indoor	m	10	10	10
Stuffing Quantity					
20' / 40' / 40' HQ	set		60/128/128	52/108/108	52/108/108

Free Match-Indoor Units

Premier Split ▶

3D DC Inverter



Combination Performance		MS11PU-09HRFN1-QRDOW		
Combination		9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	18000	27600	36000
	kW	5.3	8.1	10.6
Heating Capacity	Btu/h	19500	28000	44000
	kW	5.7	8.2	12.9
SEER	W/W	7.0	7.0	5.8
Energy Rate	Cooling	A++	A++	A+
SCOP(Average)	W/W	4.1	3.9	3.9
Energy Rate	Heating	A+	A	A
Tbiv	°C	-7	-7	-7
Tol	°C	-15	-15	-15

Unit Performance		MS11PU-09HRFN1-QRDOW	MS11PU-12HRFN1-QRC8W
Performance			
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1
Rated Cooling Capacity	Btu/h	9000	12000
	kW	2.64	3.52
Rated Heating Capacity	Btu/h	10000	13000
	kW	2.93	3.81
Air Flow Volume	m³h(H/M/L)	620/480/370	620/520/420
Sound Pressure Noise Level	dB(A)(H/M/L)	40/33/30	39/34/29
Sound Power Noise Level	dB(A)(H)	51	51
Net Dimension	mm(WxDxH)	898x148x298	898x148x298
Packing Dimension	mm(WxDxH)	985x260x375	985x260x375
Net / Gross Weight	kg	10 / 13	10 / 13
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)
Applicable Area	m2	16-24	20-30

Oasis Split ▶

3D DC Inverter



Combination Performance		MS11MI-07HRFN1-QW				MS11MU-09HRFN1-QRD0GW(A)		
Combination		7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16500	22800	30000	38000	19000	27000	36000
	kW	4.8	6.7	8.8	11.2	6.8	7.9	10.6
Heating Capacity	Btu/h	17000	25000	32000	40000	20000	27400	42000
	kW	5	7.3	9.4	11.7	5.9	8	12.3
SEER	W/W	7.0	6.7	6.8	5.8	7.2	7.2	5.8
Energy Rate	Cooling	A++	A++	A++	A+	A++	A++	A+
SCOP(Average)	W/W	4.2	4.2	4	3.8	4.2	4.5	3.8
Energy Rate	Heating	A+	A+	A+	A	A+	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15	-15

Unit Performance		MS11MI-07HRFN1-QW	MS11MU-09HRFN1-QRD0GW(A)	MS11MU-12HRFN1-QRD0GW(B)	MS11MU-18HRFN1-QRD0GW(B)
Performance					
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	9500	12000	18000
	kW	2.05	2.78	3.52	5.28
Rated Heating Capacity	Btu/h	8000	10000	13000	19000
	kW	2.34	2.93	3.81	5.57
Air Flow Volume	m³h(H/M/L)	530/460/350	530/460/350	630/540/430	1000/780/650
Sound Pressure Noise Level	dB(A)(H/M/L)	40/37/28	40/37/28	42/38/31	47/40/34
Sound Power Noise Level	dB(A)(H)	52	52	54	56
Net Dimension	mm(WxDxH)	750x198x280	750x198x280	835x198x280	990x218x315
Packing Dimension	mm(WxDxH)	830x270x355	830x270x355	910x270x355	1065x300x400
Net / Gross Weight	kg	7 / 9	8 / 10	8.7 / 11.2	11.8 / 15
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)
Applicable Area	m2	11-17	16-24	20-30	28-40

Free Match-Indoor Units

Toscana Split ▶

3D DC Inverter



Combination Performance		MSTCAU-09HRFNI-QRDOGW		
Combination		9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	18500	26500	36000
	kW	5.4	7.8	10.6
Heating Capacit	Btu/h	20000	26500	41500
	kW	5.9	7.8	12.2
SEER	W/W	6.1	6.2	5.9
Energy Rate	Cooling	A++	A++	A+
SCOP(Average)	W/W	4.2	4.1	3.9
Energy Rate	Heating	A+	A+	A
Tbiv	°C	-7	-7	-7
Tol	°C	-15	-15	-15

Unit Performance		MSTCAU-09HRFNI-QRDOGW	MSTCBU-12HRFNI-QRDOGW	MSTCCU-18HRFNI-QRDOGW	MSTCDU-24HRFNI-QRDOGW
Performance					
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	m3h(H/M/L)	500/440/330	500/440/330	810/600/420	1120/880/630
Sound Pressure Noise Level	dB(A)(H/M/L)	37/34/25	37/34/26	43/35/28	48/42/35
Sound Power Noise Level	dB(A)(H)	51	52	60	64
Net Dimension	mm(VxDxH)	770×198×295	850×198×300	1010×230×325	1130×240×340
Packing Dimension	mm(VxDxH)	845×285×375	925×285×375	1085×325×405	1205×330×420
Net / Gross Weight	kg	7.5/10	8.5/11	11.5/15	13.5/17.5
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.53(3/8)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	12.7(1/2)	15.9(5/8)
Applicable Area	m2	11-17	16-24	20-30	34-56

Aurora Split ▶

3D DC Inverter



Combination Performance		MSABAU-07HRFNI-QRDOGW				MSABAU-09HRFNI-QRDOGW		
Combination		7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16500	22000	30000	37500	18000	26000	36000
	kW	4.8	6.4	8.8	11	5.3	7.6	10.6
Heating Capacity	Btu/h	17000	24000	31500	41000	20000	26000	41000
	kW	5	7	9.2	12	5.9	7.6	12.0
SEER	W/W	6.1	6.1	6.0	5.8	6.0	6.1	5.8
Energy Rate	Cooling	A++	A++	A++	A+	A+	A++	A+
SCOP(Average)	W/W	4.0	4.0	4.0	3.9	4.2	4.0	3.9
Energy Rate	Heating	A+	A+	A+	A	A+	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15	-15

Unit Performance		MSABAU-07HRFNI-QRDOGW	MSABAU-09HRFNI-QRDOGW	MSABBU-12HRFNI-QRDOGW	MSABDU-18HRFNI-QRDOGW	MSABEU-22HRFNI-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
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	26000
	kW	2.34	2.93	3.81	5.57	7.62
Air Flow Volume	m3h(H/M/L)	420/330/230	460/350/280	530/460/330	780/630/420	1000/800/580
Sound Pressure Noise Level	dB(A)(H/M/L)	37/32/26	38/33/28	41/35/28	43/36/30	46/40/36
Sound Power Noise Level	dB(A)(H)	51	51	52	60	63
Net Dimension	mm(VxDxH)	722×187×290	722×187×290	802×189×297	965×215×319	1080×226×335
Packing Dimension	mm(VxDxH)	790×270×370	790×270×370	875×285×375	1045×305×405	1155×415×315
Net / Gross Weight	kg	7.5/9	7.5/9	8.5/10.5	10.5/12.5	13/16
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.53(3/8)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)	15.9(5/8)
Applicable Area	m2	11-17	16-24	20-30	28-40	34-56

Fairwind Split ▶

DC Inverter



Combination Performance		MS12F I-07HRDNI-QRC8W			MS12FU-09HRFNI-QRDOGW		
Combination		7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16500	22000	30000	18000	25500	36000
	kW	4.8	6.4	8.8	5.3	7.4	10.6
Heating Capacity	Btu/h	17000	24000	31500	19000	24500	41000
	kW	5.0	7.0	9.2	5.6	7.2	12.0
SEER	W/W	5.8	5.5	5.9	6.6	6.0	5.8
Energy Rate	Cooling	A+	A	A+	A++	A+	A+
SCOP(Average)	W/W	4.1	4.1	3.8	4.2	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

Unit Performance		MS12F I-07HRDNI-QRC8W	MS12FU-09HRFNI-QRDOGW	MS12FU-12HRFNI-QRDOGW	MS12FU-18HRFNI-QRDOGW
Performance					
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	17500
	kW	2.05	2.64	3.52	5.13
Rated Heating Capacity	Btu/h	8000	10000	12500	18000
	kW	2.34	2.93	3.66	5.28
Air Flow Volume	m3h(H/M/L)	620/540/440	620/540/440	630/550/430	730/480/400
Sound Pressure Noise Level	dB(A)(H/M/L)	40/35/31	41/38/31	43/40/31	41/33/31
Sound Power Noise Level	dB(A)(H)	58	58	57	55
Net Dimension	mm(VxDxH)	800x188x275	800x188x275	800x188x275	940 x205x275
Packing Dimension	mm(VxDxH)	865x265x350	865x265x350	865x265x350	1015x265x350
Net / Gross Weight	kg	7 / 9	7 / 9	7 / 9	9 / 12
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.53(3/8)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	12.7(1/2)	15.9(5/8)
Applicable Area	m2	11-17	16-24	20-30	28-40

RF Split ▶

DC Inverter



Combination Performance		MSFA I-07HRDNI-QRC8GW			MSFAU-09HRDNI-QRC8GW		
Combination		7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16000	21500	29500	18000	25000	35500
	kW	4.7	6.3	8.6	5.3	7.3	10.4
Heating Capacity	Btu/h	17000	23500	31000	19000	24500	40500
	kW	5.0	6.9	9.1	5.6	7.2	11.8
SEER	W/W	5.5	5.5	5.7	5.8	5.9	5.1
Energy Rate	Cooling	A	A	A+	A+	A+	A
SCOP(Average)	W/W	3.8	4.0	3.8	3.8	3.8	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

Unit Performance		MSFA I-07HRDNI-QRC8GW	MSFAU-09HRDNI-QRC8GW	MSFAU-12HRDNI-QRC8GW	MSFAU-18HRFNI-QRC8GW
Performance					
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	17000
	kW	2.05	2.64	3.52	4.98
Rated Heating Capacity	Btu/h	8000	10000	12500	18000
	kW	2.34	2.93	3.66	5.28
Air Flow Volume	m3h(H/M/L)	620/540/440	650/560/450	650/560/450	750/550/480
Sound Pressure Noise Level	dB(A)(H/M/L)	40/35/31	41/38/31	43/40/31	41/33/31
Sound Power Noise Level	dB(A)(H)	55	55	56	56
Net Dimension	mm(VxDxH)	800x188x275	800x188x275	800x188x275	940 x205x275
Packing Dimension	mm(VxDxH)	865x265x350	865x265x350	865x265x350	1015x265x350
Net / Gross Weight	kg	7.5 / 9.5	7.5 / 9.5	7.5 / 9.5	9 / 12.5
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)
Applicable Area	m2	11-17	16-24	20-30	28-40

Free Match-Indoor Units

Luna Split ▶

DC Inverter



Combination Performance		MS9AI-07HRFNI-QRC8				MS9AI-09HRDNI-QRC8		
Combination		7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	14400	22000	30000	37000	18000	24900	35800
	kW	4.2	6.4	8.8	10.9	5.3	7.3	10.5
Heating Capacity	Btu/h	15000	23000	31000	41000	22000	25000	41000
	kW	4.4	6.7	9.1	12.0	6.4	7.3	12.0
SEER	W/W	5.8	6.3	6.5	5.7	5.3	5.6	5.1
Energy Rate	Cooling	A+	A++	A++	A+	A	A+	A
SCOP(Average)	W/W	3.8	4.0	3.8	3.8	4.2	4.1	3.8
Energy Rate	Heating	A	A+	A	A	A+	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15	-15

Unit Performance		MS9AI-07HRFNI-QRC8	MS9AI-09HRDNI-QRC8	MS9AU-12HRDNI-QRC8W	MS9AU-18HRFNI-QRC8W
Performance					
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	17000
	kW	2.05	2.64	3.52	4.98
Rated Heating Capacity	Btu/h	8000	10000	13000	17500
	kW	2.34	2.93	3.81	5.13
Air Flow Volume	m3h(H/M/L)	400/330/270	500/430/380	500/430/380	850/780/630
Sound Pressure Noise Level	dB(A)(H/M/L)	35/31/27	40/36/32	40/36/32	41/36/31
Sound Power Noise Level	dB(A)(H)	53	54	54	56
Net Dimension	mm(WxDxH)	710x190x250	790x198x265	790x198x265	920x223x292
Packing Dimension	mm(WxDxH)	770x265x318	875x265x335	875x265x335	1015x295x368
Net / Gross Weight	kg	7.5/9.5	8 / 10	8 / 10	11 / 13.5
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)
Applicable Area	m2	11-17	16-24	20-30	28-40

Duct ▶

3D DC Inverter



Combination Performance		MTBI-07HWFNI-QRC8				MTBI-09HWFNI-QRC8		
Combination		7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16500	22000	30000	37000	18800	25800	36500
	kW	4.8	6.4	8.8	10.8	5.5	7.6	10.7
Heating Capacity	Btu/h	16500	25000	32000	44000	20500	25800	44000
	kW	4.8	7.3	9.4	12.9	6.0	7.6	12.9
SEER	W/W	5.7	5.9	5.8	6	5.8	5.8	5.3
Energy Rate	Cooling	A+	A+	A+	A+	A+	A+	A
SCOP(Average)	W/W	4.0	4	3.8	3.8	3.9	4.1	3.8
Energy Rate	Heating	A+	A+	A	A	A	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15	-15

Unit Performance		MTBI-07HWFNI-QRC8	MTBI-09HWFNI-QRC8	MTBU-12HWFNI-QRC8	MTBI-18HWDNI-QRC8
Performance					
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	5.3
Rated Heating Capacity	Btu/h	8000	10000	13000	20000
	kW	2.34	2.93	3.81	5.8
Static Pressure	Pa	40	40	40	70
Air Flow Volume	m3h(H/M/L)	530/400/340	530/400/340	560/440/410	816/546/-
Sound Pressure Noise Level	dB(A)(H/M/L)	37/34/30	41/37/34	42/38/34	46/42/40
Sound Power Noise Level	dB(A)(H)	55	55	55	56
Net Dimension	mm(WxDxH)	700x210x635	700x210x635	700x210x635	920x210x635
Packing Dimension	mm(WxDxH)	915x290x655	915x290x655	915x290x655	1135x290x655
Net / Gross Weight	kg	19.5/24.5	19.5/24.5	19.5/24.5	23/29
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)
Applicable Area	m2	11-17	16-24	20-30	28-40

Compact Round Flow Cassette ▶

3D DC Inverter



Combination Performance		MCA3I-07HRFNI-QRC8				MCA3I-09HRFNI-QRC8		
Combination		7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16000	22000	30000	40000	18000	24500	34000
	kW	4.7	6.4	8.8	11.7	5.3	7.2	10
Heating Capacity	Btu/h	18000	24000	32000	45000	20000	23800	43000
	kW	5.3	7.0	9.4	13.2	5.9	7.0	12.6
SEER	W/W	6.0	6.1	6.3	5.6	6.5	5.8	5.4
Energy Rate	Cooling	A	A+	A++	A+	A++	A+	A
SCOP(Average)	W/W	4.2	4.1	3.8	3.8	4.1	4.1	3.8
Energy Rate	Heating	A+	A+	A	A	A+	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15	-15

Model NO.		MCA3I-07HRFNI-QRC8	MCA3I-09HRFNI-QRC8	MCA3U-12HRFNI-QRC8GS	MCA3I-18HRDNI-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	m3h(H/M/L)	670/510/420	670/510/420	760/650/530	760/650/530
Sound Pressure Noise Level	dB(A)(H/M/L)	43/39/36	43/39/36	48/43/41	48/43/41
Sound Power Noise Level	dB(A)(H)	53	53	54	59
Body Net Dimension	mm(WxDxH)	570×570×260	570×570×260	570×570×260	570×570×260
Body Packing Dimension	mm(WxDxH)	655×655×290	655×655×290	655×655×290	655×655×290
Panel Net Dimension	mm(WxDxH)	647×647×50	647×647×50	647×647×50	647×647×50
Panel Packing Dimension	mm(WxDxH)	715×715×123	715×715×123	715×715×123	715×715×123
Body Net / Gross Weight	kg	15/18	17/20	17/20	18/20.5
Panel Net / Gross Weight	kg	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)
Applicable Area	m2	11-17	16-24	20-30	28-40

Console ▶

3D DC Inverter



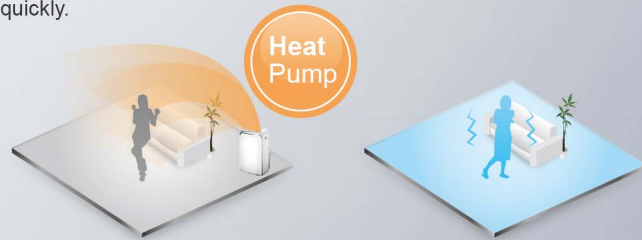
Combination Performance		MFAI-07HRFNI-QRC8				MFAI-09HRDNI-QRC8		
Combination		7+7	7+7+7	7+7+7+7	7+7+7+7+7	9+9	9+9+9	9+9+9+9
Cooling Capacity	Btu/h	16000	22000	29700	36000	18000	23500	36000
	kW	4.7	6.4	8.7	10.6	5.3	6.9	10.5
Heating Capacity	Btu/h	18000	24000	32000	43000	20500	23500	43000
	kW	5.3	7.0	9.4	12.6	6.0	6.9	12.6
SEER	W/W	6.2	6.3	6.7	5.8	6.2	6.3	5.5
Energy Rate	Cooling	A++	A++	A++	A+	A++	A++	A
SCOP(Average)	W/W	3.8	3.9	4.1	3.8	3.8	4	3.8
Energy Rate	Heating	A	A	A+	A	A	A+	A
Tbiv	°C	-7	-7	-7	-7	-7	-7	-7
Tol	°C	-15	-15	-15	-15	-15	-15	-15

Model NO.		MFAI-07HRFNI-QRC8	MFAI-09HRFNI-QRC8	MFAU-12HRFNI-QRC8	MFAI-18HRDNI-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	10000	13000	18000
	kW	2.34	2.93	3.81	5.27
Air Flow Volume	m3h(H/M/L)	680/580/450	710/680/580	710/680/580	820/740/650
Sound Pressure Noise Level	dB(A)(H/M/L)	38/35/31	45/40/35	46/41/36	48/44/39
Sound Power Noise Level	dB(A)(H)	56	57	57	59
Net Dimension	mm(WxDxH)	700×210×600	700×210×600	700×210×600	700×210×600
Packing Dimension	mm(WxDxH)	810×305×710	810×305×710	810×305×710	810×305×710
Net / Gross Weight	kg	13/19	13/19	15/20	15/20
Liquid Side	Φmm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Gas Side	Φmm(inch)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)
Applicable Area	m2	11-17	16-24	20-30	28-40

PD Portable

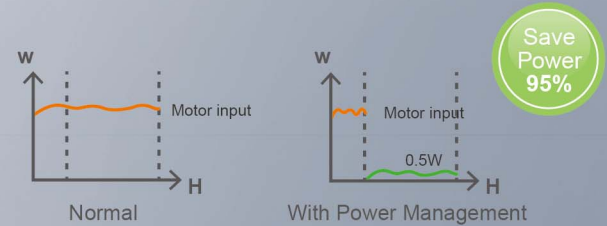
Heat Pump Function ▶

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



Optional Features



PD Portable

Specification ▶ R290

Model NO.		MPPD-09CRN7-QB6G1	MPPD-10CRN7-QC1G1	MPPD-11CRN7-QB6G1
Performance				
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Cooling Capacity	Btu/h	9000	10000	11000
	kW	2.63	2.93	3.22
Heating Capacity	Btu/h	-	-	-
	kW	-	-	-
Power Input	Cooling W	1015	945	1240
	Heating W	-	-	-
Operating Current	Cooling A	4.5	4.1	5.8
	Heating A	-	-	-
EER	W/W	2.6	3.1	2.6
Energy Rate		A	A+	A
Moisture Removal	l/h	1.0	1.0	1.1
Air Flow Volume	m³/h	370	370	370
Sound Power Noise Level	Hi Speed dB(A)	65	65	65
Dimension & Weight & Piping Size				
Net Dimension	WxDxH mm	467x397x765	467x397x765	467x397x765
Packing Dimension	WxDxH mm	517x437x862	517x437x862	517x437x862
Net / Gross Weight	kg	31/35.5	32.5/37	33/37.5
Applicable Area & Stuffing Quantity				
Applicable Area	m²	13-22	15-25	16-27
Stuffing Quantity	20'/40'HQ set	114/355	114/355	114/355

Specification ▶

Model NO.		MPPD-09CRN1-QB6G1	MPPD-09CRN1-QC1	MPPD-09HRN1-QC1	MPPD-12CRN1-QB6	MPPD-12HRN1-QB6
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
Cooling Capacity	Btu/h	9000	9000	9000	12000	12000
	kW	2.63	2.63	2.63	3.52	3.52
Heating Capacity	Btu/h	--	8000	-	10000	-
	kW	--	2.34	-	2.93	-
Power Input	Cooling W	1010	850	850	1350	1350
	Heating W	--	756	-	1130	-
Operating Current	Cooling A	4.4	3.8	3.8	5.9	5.9
	Heating A	--	3.4	-	5.0	-
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	330	370	370	370	370
Sound Power Noise Level	Hi Speed dB(A)	65	65	65	65	65
Dimension & Weight & Piping Size						
Net Dimension	WxDxH mm	454x365x700	467x397x765	467x397x765	467x397x765	467x397x765
Packing Dimension	WxDxH mm	489x403x880	517x437x862	517x437x862	517x437x862	517x437x862
Net / Gross Weight	kg	27.5/31.5	32/36.5	32.5/37	33.5/38	34/38.5
Applicable Area & Stuffing Quantity						
Applicable Area	m²	13-22	13-22	13-22	18-29	18-29
Stuffing Quantity	20'/40'HQ set	132/403	114/355	114/355	114/355	114/355

PS Portable

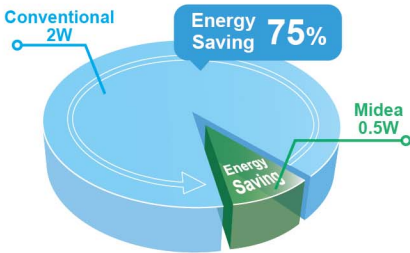


FEATURES & SPECIFICATION
PS Portable



0.5W Standby ▶

If the AC is used for 8 hours every day, then it will run into standby mode in the rest 16 hours. And Midea AC help to save 75% energy consumption in standby mode, with 0.5W against normal 2W.



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.



Specification ▶

Model NO.			MPPS-09CRN1-QB6G1
Performance			
Power Supply	V~, Hz, Ph		220-240, 50, 1
Cooling Capacity	Btu/h		9000
	kW		2.63
Heating Capacity	Btu/h		-
	kW		-
Power Input	Cooling	W	1010
	Heating	W	-
Operating Current	Cooling	A	4.5
	Heating	A	-
EER	W/W		2.6
Energy Rate			A
Moisture Removal	l/h		1.0
Air Flow Volume	m³/h		370
Sound Power Noise Level	Hi Speed	dB(A)	64
Dimension & Weight & Piping Size			
Net Dimension	WxDxH	mm	374x370x769
Packing Dimension	WxDxH	mm	412x519x880
Net / Gross Weight	kg		25.5/30
Applicable Area & Stuffing Quantity			
Applicable Area	m²		13-22
Stuffing Quantity	20°/40°HQ	set	120/380

Standard Features



Sleep Mode



Self-evaporative System



Self-diagnosis and Auto protection



Auto Restart Function



Timer



Flexible Installation



Omni-directional Caster

Optional Features



Optional Filters

PH Portable



FEATURES & SPECIFICATION
PH Portable



Substantial Loading Quantity ▶

Dual Slinger up ▶

Dual slinger up wheel improves cooling efficiency greatly.



Specification ▶

Model NO.			MPPH-08CRN1-QB6G1	MPPH-09CRN1-QB6G1
Performance				
Power Supply	V~, Hz, Ph		220-240, 50, 1	220-240, 50, 1
Cooling Capacity	Btu/h		8000	9000
	kW		2.34	2.63
Heating Capacity	Btu/h		-	-
	kW		-	-
Power Input	Cooling W		905	1015
	Heating W		-	-
Operating Current	Cooling A		4.2	4.6
	Heating A		-	-
EER	W/W		2.6	2.6
Energy Rate			A	A
Moisture Removal	l/h		0.9	1.0
Air Flow Volume	m³/h		300	300
Sound Power Noise Level	Hi Speed dB(A)		64	64
Dimension & Weight & Piping Size				
Net Dimension	WxDxH mm		345x355x703	345x355x703
Packing Dimension	WxDxH mm		377x402x862	377x402x862
Net / Gross Weight	kg		23.5/26.5	24/27
Applicable Area & Stuffing Quantity				
Applicable Area	m²		12-19	13-22
Stuffing Quantity	20'/40'HQ set		168/522	168/522

Standard Features



Sleep Mode



Self-evaporative System



Self-diagnosis and Auto protection



Auto Restart Function



Timer



Flexible Installation



Omni-directional Caster

Optional Features



Optional Filters



DT Dehumidifier

Standard Features

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

FEATURES & SPECIFICATION

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.



Specification ▶

Model NO.		MDDT-08DEN3-QA3	MDDT-10DEN3-QA3	MDDT-12DEN3-QA3
Performance				
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Power Input	30°C, RH80% W	290	290	300
Operating Current	30°C, RH80% A	2	2	2.2
Moisture Removal	30°C, RH80% l/h	8	10	12
Water Tank Volume	L	2	2	2
Air Flow Volume	m³/h	120	120	120
Noise Level	Hi/Lo dB(A)	43/40	43/40	43/40
Dimension & Weight & Piping Size				
Net Dimension	WxDxH mm	309x247x456	309x247x456	309x247x456
Packing Dimension	WxDxH mm	347x277x529	347x277x529	347x277x529
Net / Gross Weight	kg	11.2/12.5	11.2/12.5	11.5/13
Applicable Area & Stuffing Quantity				
Applicable Area	m²	12-27	16-31	20-35
Stuffing Quantity	20'/40'HQ set	552/1390	552/1390	552/1390

DF Dehumidifier

Standard Features



Optional Features



FEATURES & SPECIFICATION

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.



Specification ▶

Model NO.			MDDF-16DEN3-QA3	MDDF-20DEN3-QA3
Performance				
Power Supply	V~, Hz, Ph		220-240, 50, 1	220-240, 50, 1
Power Input	30°C, RH80%	W	350	440
Operating Current	30°C, RH80%	A	2.0	2.1
Moisture Removal	30°C, RH80%	l/h	16	20
Water Tank Volume		L	3	3
Air Flow Volume		m³/h	150	150
Noise Level	Hi/Lo	dB(A)	48/46	48/46
Dimension & Weight & Piping Size				
Net Dimension	WxDxH	mm	350x245x510	350x245x510
Packing Dimension	WxDxH	mm	380x298x517	380x298x517
Net / Gross Weight		kg	13.5/14.5	14/15
Applicable Area & Stuffing Quantity				
Applicable Area		m²	29-44	37-52
Stuffing Quantity	20'/40'HQ	set	456/1200	456/1200



DG Dehumidifier

Standard Features



Optional Features



FEATURES & SPECIFICATION

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.



Specification ▶

Model NO.		MDDG-10DEN3-QA3	MDDG-16DEN3-QA3	MDDG-20DEN3-QA3	MDDG-30DEN1-QA3
Performance					
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Power Input	30°C, RH80% W	285	375	400	635
Operating Current	30°C, RH80% A	1.57	1.75	1.85	3.3
Moisture Removal	30°C, RH80% l/h	10	16	20	30
Water Tank Volume	L	3	3	3	4.7
Air Flow Volume	m³/h	195	195	195	215
Noise Level	Hi/Lo dB(A)	50/46.5	50/46.5	50/46.5	50/48
Dimension & Weight & Piping Size					
Net Dimension	WxDxH mm	350x230x510	350x230x510	350x230x510	400x254x562
Packing Dimension	WxDxH mm	390x280x530	390x280x530	390x280x530	432x286x581
Net / Gross Weight	kg	11.5 / 12.5	12/13	12/13	15.5/16.5
Applicable Area & Stuffing Quantity					
Applicable Area	m²	16-31	29-44	37-52	58-73
Stuffing Quantity	20'/40'HQ set	480/1235	480/1235	480/1235	420/872



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 sued in cellar, storehouse, office, and free of pouring out the water in water tank by hand.



- Cellar
- Storehouse
- Office

Specification ▶

Model NO.		MDDP-30DENI-QA3	MDDP-50DENI-QA3
Performance			
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1
Power Input	30 C ,RH80% W	630	780
Operating Current	30 C ,RH80% A	3.3	3.6
Moisture Removal	30 C ,RH80% l/h	30	50
Water Tank Volume	L	3	6
Air Flow Volume	m³/h	245	320
Noise Level	Hi/Lo dB(A)	53/51	55/53
Dimension & Weight & Piping Size			
Net Dimension	WxDxH mm	386x260x500	392x282x616
Packing Dimension	WxDxH mm	413x290x515	420x320x665
Net / Gross Weight	kg	13.5/14.5	18.5/19.5
Applicable Area & Stuffing Quantity			
Applicable Area	m²	58-73	100-115
Stuffing Quantity	20'/40'HQ set	448/1113	300/782

DP Dehumidifier

Standard Features



Optional Features



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 11P Premier Series 11M Oasis Series - TC Toscana Series - AB Aurora Series 12F Fairwind Series - FA RF Series 9A Luna 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 - Q 220-240V~,50Hz, 1Phase - R 380-420V~,50Hz, 3Phase - S 380V~,50Hz, 3Phase

D2 Design Code

Light Commercial (Indoor Unit)

M C D — 24 H R F N1 — Q

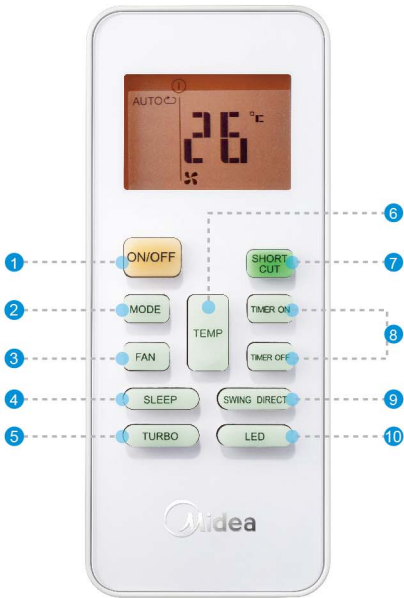
M Midea	C Product Category - C Cassette Type - T Duct Type - H High Static Pressure Duct Type - U Ceiling & Floor Type - F Console Type	D Designed Time - A 1st Designed - B 2st Designed - C 3st Designed - D 4st Designed	24 Capacity Cooling Capacity (x1000Btu/h)	H Capacity - C Cooling only - H Cooling & Heating
R Control Mode - W Wired Control - R Remote Control	F Inverter code - F Full DC Inverter - D DC Inverter - Omit ON/OFF	N1 Refrigerant - N1 R410A - Omit R22	Q Power Code - Power Supply - Q 220-240V~,50Hz, 1Phase - R 380-420~,50Hz, 3Phase	

Light Commercial (Outdoor Unit)

M OU B — 36 H F N1 — Q

M Midea	OU Universal Outdoor Unit - O Outdoor Unit - U Universal	B Designed Time - A 1st Designed - B 2st Designed - C 3st Designed - D 4st Designed	36 Capcaity Cooling Capacity (x1000Btu/h)	H Function Code - C Cooling Only - H Cooling & Heating
F Inverter Type - F Full DC Inverter - D DC Inverter - Omit ON/OFF	N1 Reqrigerant - N1 R410A - Omit R22	Q Power Code - Power Supply - Q 220-240V~, 50Hz, 1Phase - R 380-420V~, 50Hz, 3Phase		

Remote Control



- 1 ON/OFF

2 Mode Setting

3 Fan Speed Setting

4 Sleep Mode/Fresh

5 Turbo/Self-clean
- 6 Temperature Setting

7 Short Cut Function

8 Timer Setting

9 Air Flow

10 10 LED Follow ME

Short Cut Function

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

Mode

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

SHORT CUT

Icons Guide

Energy Saving ▶



ECO Mode

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.



1 / 0.5W 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℃ per hour for the first 2 hours, then holds steady for the next 5 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 Mode

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.



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.



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℃ Heating

In heating operation, the preset temperature of the air conditioner can be as low as 8℃, which keeps the room temperature steady at 8℃ 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 ▶



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.



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.



Emergency Using Function

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.



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℃.



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.



Auxiliary Electric Heater

With a built-in auxiliary electric heater, the heating system will be more powerful.



Chasis Heating Belt

Heating belt is fitted on the base plate of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.



Compressor Heating Belt

Heating belt is fitted on the compressor of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.



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.



Auto Defrosting

Prevent evaporator from freezing and maintain dehumidifying effect under low temperature environment.

Health ▶



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%.



Silver Ion Filter

Sterilize bacteria effectively by decomposing cell wall of bacteria.



Cold Catalyst Filter

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



Vitamin C Filter

Release vitamin C which can eliminate active oxygen to beautify the skin.



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.



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.



Plasma Dust Collector

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.



Ion-plasma

Ion-Plasma combine Ionizer Generator with Plasma Dust Collector. It can generate large negative ions and absorb majority of particles and pollutants.



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.



Fresh Air

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



Ionizer

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



Super Ionizer

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

Icons Guide

Convenience ▶



Manual Switch Button

You can easily turn on/off your AC by pressing manual switch button, without using a remote controller or any special tools.



Digital Display

If you want to check the function status, just press your remote button, Midea digital display will shows ON/OFF to you.



I-Remote

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.



Front Desk Control

With a smart control board, Midea air conditioners can be turned on/off via long distance control signals.



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.



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.



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.



Mono & Multi Compatible

Compatible indoor unit for both mono and multi inverter system. It comes in handy for warehouse management.



Louver Position Memory Function

Horizontal louver will automatically move to the same position as you set last time when the unit turned on.



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.



2-way Draining

Both left and right sides of indoor unit are possible for drainage hose connection, easy for installation.



Timer

Set the unit to start and stop automatically in a 24h period.



Build-in Drain Pump

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



Convenient Handle

Ergonomic handle makes the carrying much easier and convenient.



Transparent Water Level Indication

Easy indicate the water level and empty the water tank timely.



Omni-directional Caster

The integrated swivel casters make the portable AC easier to move.



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.



Dryer Mode

Intelligent dryer mode to dry up clothes quickly.