Midea

Residential Air Conditioner Division
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Postal Code: 528311
Web Site: http://www.midea.com/global/

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

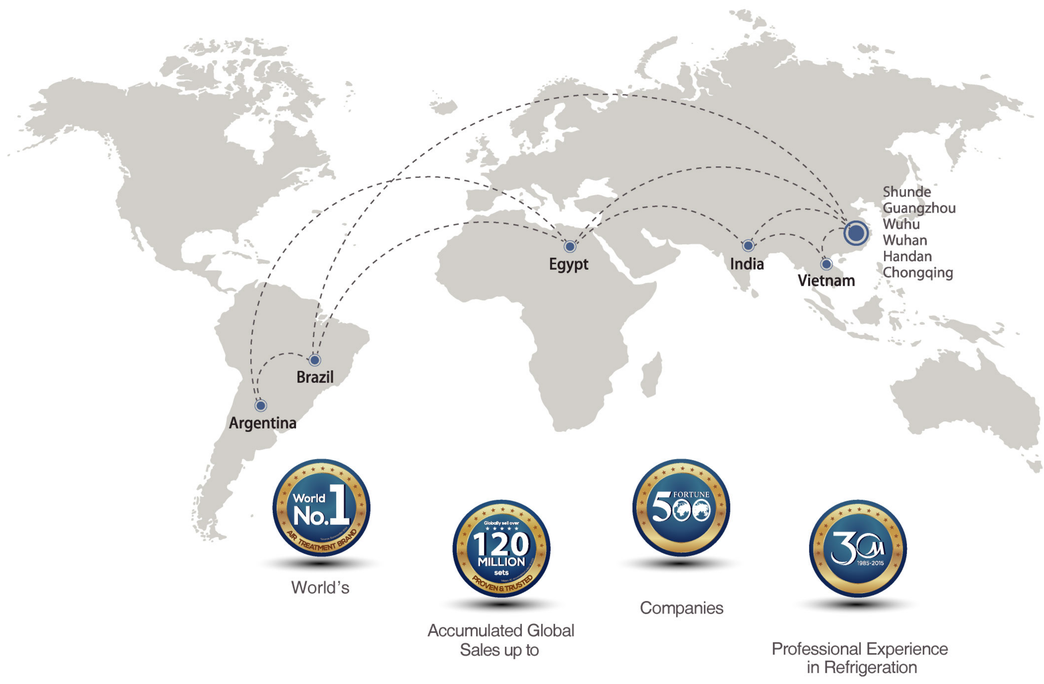
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About Midea
AIR CONDITIONER



World's

Accumulated Global Sales up to

Companies

Professional Experience in Refrigeration

Midea Group is a leading home appliance manufacturer, with seven manufacturing bases distributed around the world. The group sells its products in over 150 countries and regions, and is synonymous with advanced technologies and excellent quality. Midea Air Conditioning is committed to developing advanced cooling technologies to bring consumers first-rate experience.

RESEARCH & DEVELOPMENT

- Over 1000 core members
- With 5976 patents till end of 2015
- Investing over US$300 million annually

QUALITY CONTROL

- Investing US$100 million to establish 89 leading labs
- Robust quality control system supported by 3000 engineers
- Winning 35 quality certifications globally

AWARDS

reddot

INTERNATIONAL DESIGN EXCELLENCE AWARDS '11 FINALIST

GOOD DESIGN AWARD

INVERTER QUATTRO



GA Stepless Comfort Technology

Flash Cooling/Heating



High-Ambient Cooling/ Low-Ambient Heating

iECO/Gear Energy Saving

Line-up 2018

Split Type

Series	Appearance	Type	SCOP	9000 Btu/h	12000 Btu/h	18000 Btu/h	24000 Btu/h
Oasis Plus		DC Inverter	5.3	有	有	/	/
Ultimate Comfor		DC Inverter	4.6	有	有	/	/
Mission II		DC Inverter	4.6	有	有	有	有
Kid Star		DC Inverter	4.0	/	有	/	/
Blanc		DC Inverter	4.0	有	有	有	有

Light Commercial

Series	Appearance	Type	12000 Btu/h	18000 Btu/h	24000 Btu/h	30000 Btu/h	36000 Btu/h	48000 Btu/h	55000 Btu/h
Compact Round Flow Cassette		DC Inverter	有	有	/	/	/	/	/
Super Slim Round Flow Cassette R32		DC Inverter	/	有	有	/	有	有	有
Super Slim Round Flow Cassette		DC Inverter	/	有	有	有	有	有	有
Ceiling & Floor R32		DC Inverter	/	有	有	/	有	有	有
Ceiling & Floor		DC Inverter	/	有	有	有	有	有	有
Console		DC Inverter	有	/	/	/	/	/	/
A6 Duct R32		DC Inverter	/	有	有	/	有	有	有
A6 Duct		DC Inverter	有	有	有	有	有	有	有
M Floor Standing		DC Inverter	/	/	有	/	/	有	/
GA Floor Standing		DC Inverter	/	/	/	/	/	/	有
Universal Outdoor Unit R32		DC Inverter	/	有	有	/	有	有	有
Universal Outdoor Unit		DC Inverter	有	有	有	有	有	有	有

Free Match

Series	Appearance	Type	14000 Btu/h	18000 Btu/h	21000 Btu/h	27000 Btu/h	28000 Btu/h	36000 Btu/h	42000 Btu/h
1 Drive 2 - R32		DC Inverter	/	有	/	/	/	/	/
1 Drive 2		DC Inverter	有	有	/	/	/	/	/
1 Drive 3 - R32		DC Inverter	/	/	/	有	/	/	/
1 Drive 3		DC Inverter	/	/	有	有	/	/	/
1 Drive 4 - R32		DC Inverter	/	/	/	/	/	有	/
1 Drive 4		DC Inverter	/	/	/	/	有	有	/
1 Drive 5 - R32		DC Inverter	/	/	/	/	/	/	有
1 Drive 5		DC Inverter	/	/	/	/	/	/	有

Portable

Series	Appearance	8000 Btu/h	9000 Btu/h	10000 Btu/h	12000 Btu/h	14000 Btu/h
PB – R290		/	/	/	/	有
PF – R290		/	有	有	/	/
PF		/	有	/	有	/
PD – R290		/	/	/	/	/
PD		/	有	/	有	/
PH		有	有	/	/	/
PQ		/	有	/	/	/

Dehumidifier

Series	Appearance	8L/Day	10L/Day	12L/Day	16L/Day	20L/Day	30L/Day	40L/Day	50L/Day
DP		/	/	/	/	/	有	有	有
DG		/	/	/	/	/	有	/	/
DF		/	/	/	有	有	/	/	/
DT		有	有	有	/	/	/	/	/
DE		/	有	/	/	/	/	/	/
DN		/	有	有	/	/	/	/	/

Window

Series	Appearance	7000 Btu/h	9500 Btu/h	12000 Btu/h	16000 Btu/h	18000 Btu/h
E		/	/	有	/	/

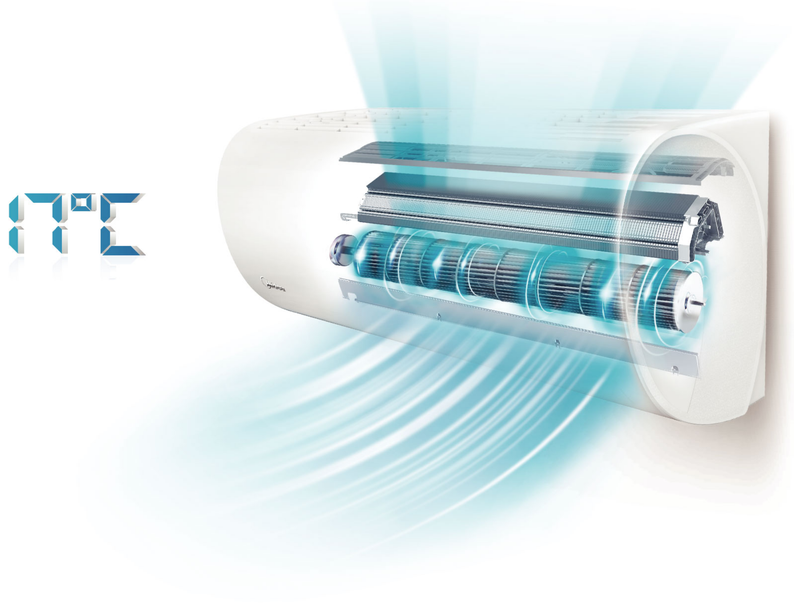
COOLING
HEATING

- Super Cool
- Long-Distance Windblast
- High-Ambient Cooling
- Low-Ambient Heating
- Turbo Mode
- Three-Dimentional Airflow



SUPER COOL

You can activate the "Super Cool" function with a single touch to rapidly bring the room temperature down to 17°C.



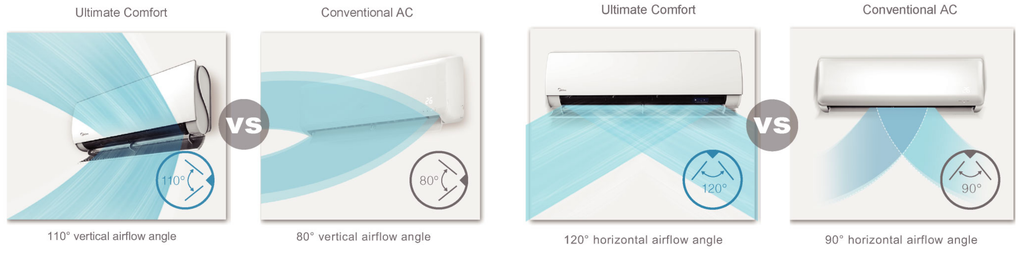
LONG-DISTANCE WINDBLAST

The larger fan and optimized air vent design keep your entire room cool all through the summer.



WIDE-ANGLE AIRFLOW

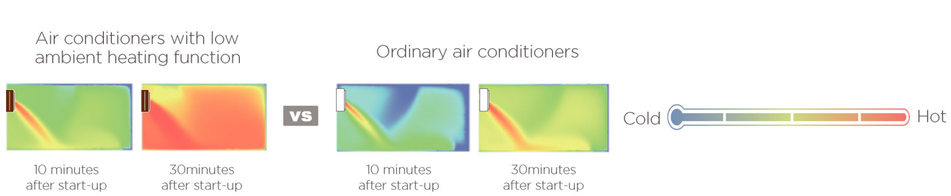
The optimized air outlet design widens the air flow angle, dispersing cool air all around you for optimal comfort.





LOW-AMBIENT HEATING

Midea's low ambient heating inverter technology, provides heating at extreme low outdoor temperature, making you feel warm in cold winter.



■ High-Frequency Compressor Operation Technology

The lower the ambient temperature, the higher the compressor and fan frequency. The compressor frequency can be as high as 120Hz, and fan speed as high as 950rpm.

■ Heating Belt

The low ambient kit in the outdoor unit is fitted with a PTC heating belt to avoid water and snow accumulating on the chassis.



*Only applicable to selected models.

TURBO MODE

The turbo mode delivers cool and refreshing air with a single touch.



THREE-DIMENTIONAL AIRFLOW*

The directional air outlet moves automatically to direct air flow to every corner of the room.



*Only applicable to selected models.

SMART TECHNOLOGY

- Smart Diagnosis
- Weekly Timer
- Cleaning Reminder
- Remote Control APP
- Smart Sleep Curve
- Intuitive User Interface



APP REMOTE CONTROL

Control the air conditioner and set timers easily through the app.You can turn on the air conditioner before get home and be greeted with the perfect temperature.



SMART SLEEP

Choose a sleep temperature curve designed for the elderly, children, or young people, or customize your own curve.



DIY Sleep Mode



Young people's sleep mode



Elderly people's sleep mode



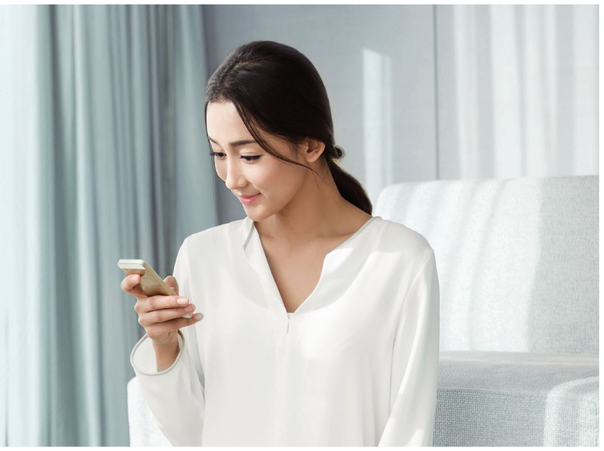
Child's sleep mode

INTUITIVE USER INTERFACE

With just a single swipe, you can turn your air conditioner on or off and change its mode or temperature.



SMART TECHNOLOGY



SMART DIAGNOSIS

Midea's air conditioners feature Smart Diagnosis, an automatic monitoring system that detects and diagnoses 97 types of errors at an early stage and notifies you via the smartphone app.





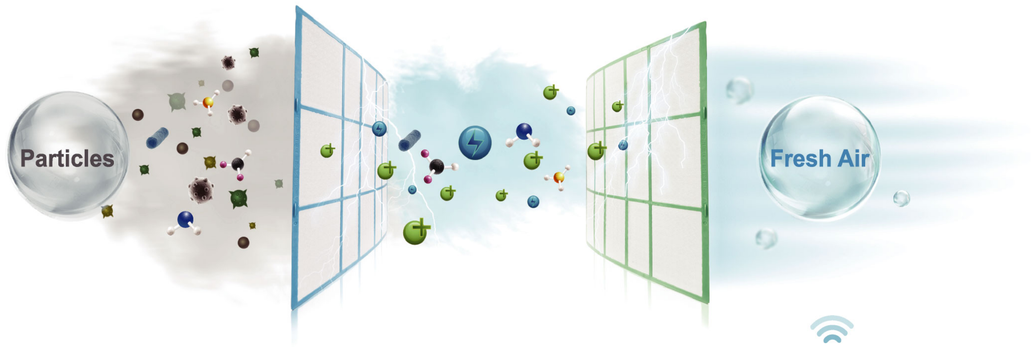
WEEKLY TIMERS

Set the air conditioner's schedule for a whole week. Choose when you want it to turn on and off, so you can enjoy comfort that fits your schedule.



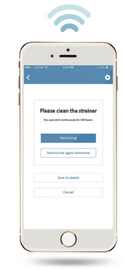
DUAL FILTERS WITH CLEANING REMINDER *

The air conditioner features dual filters to protect you from harmful particles. The app reminds you to clean the filters regularly.





*Only applicable to selected models

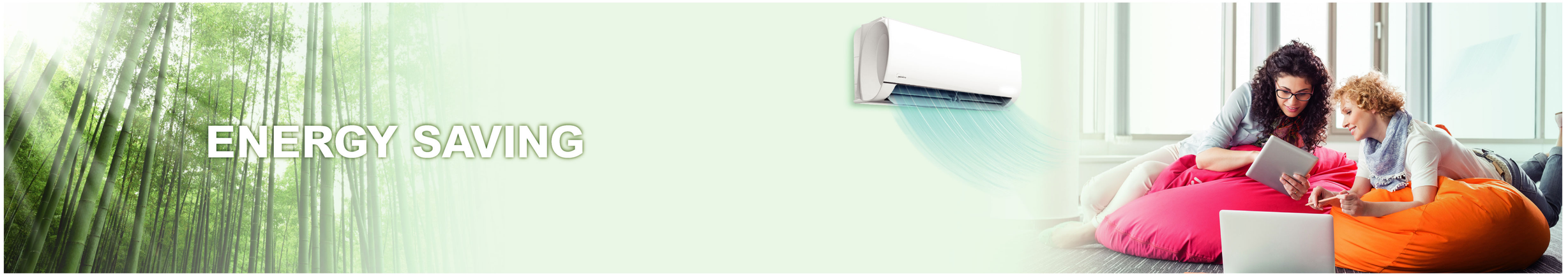


Smart Reminder

ENERGY SAVING

- Gear Change
- iECO Mode
- Bill Control

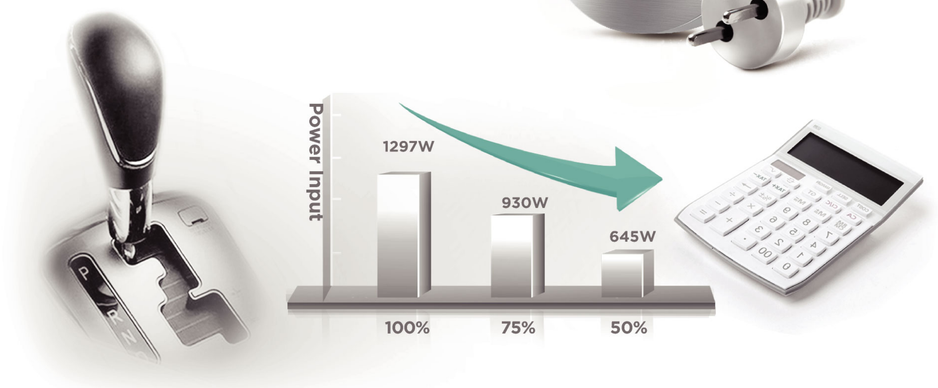




GEAR CHANGE*

Midea inverter air conditioners offer three operating power options: 50%, 75%, and 100%. You can choose a lower power level to conserve energy.





*Take 12000 btu as example. Test condition (Standard Condition): Cooling mode. The "Gear Change" function is only available in cooling mode.

iECO MODE*

Midea air conditioners are equipped with iECO energy-saving technology. You can rest in comfort for 8 hours while significantly reducing energy consumption.



BILL CONTROL

Use the Bill Control function on Midea's app to monitor energy consumption and set energy quotas, limiting consumption for 8-hour nightly periods.



*Only applicable to selected models.

RELIABLE AND DURABLE

"Diamond-Edged" Casing

Golden Fin

*Only applicable to selected models.



RELIABLE AND DURABLE



"DIAMOND-EDGED" CASING

The Archimedes' screw-shaped air outlet and the bionic blower wheel work together to reduce the noise generated by the outdoor unit of the air conditioner. The T-shaped top cover ensures the stable operation of the internal parts and the durability of the power system.





T-shaped top cover



Archimedes' screw-shaped air outlet



Durable casing



Bionic blower wheel

GOLDEN FIN

The golden finned hydrophilic condenser efficiently prevents bacteria from breeding and spreading, creating a healthy and comfortable environment. It can also improve heating efficiency by accelerating defrosting. The unique anti-corrosive gold plating can withstand salty air, rain, and other corrosive elements.





COMFORT

- Triple Comfort
- GA Stepless Comfort Technology
- Smart Sensor
- Silky Cool
- Low Noise
- Humidity Control



GA STEPLESS COMFORT TECHNOLOGY

GA stepless frequency adjustment on compressor and motors maintains stable room temperature, ensuring your comfort and saving your energy bill at the same time.

Ordinary Mode

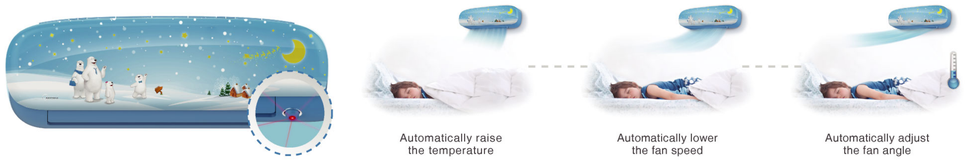
GA Stepless Inverter Mode



Temperature Graph

SMART SENSOR

Kid Star air conditioners use an innovative smart sensor to detect your child's body temperature.The air conditioner uses this information to intelligently adjust the temperature, fan speed, and angle, keeping your child comfortable.



SILKY COOL

1 The Coanda Deflector blows the cooling airflow upward the ceiling floor, then evenly going down around the room, avoiding air flow blowing directly on the body with 'Coanda Effect'.



2 The Innovative Wind Sprayer with thousands of mini holes evacuates centralized airflow into gentle airflows. Immersed in silky coolness, every breath relaxes your soul.





TRIPLE COMFORT

FAVOURITE COOL

Midea air conditioners make comfort convenient by remembering and auto-adjusting to your preferred operating mode.





Press the‘Favourite’button and the air conditioner will remember your preferred options, and you can enjoy the same coolness setting as last time.

"FOLLOW ME"

"Follow Me" keeps you comfortable by measuring the air temperature around you. Keep the remote close to you, and it will measure the surrounding temperature to deliver perfectly adjusted cooling.



Remote with "Follow Me"



Remote without "Follow Me"

SWEET DREAMS

"Sweet Dreams" guarantees a good night's sleep by adjusting the air conditioner according to your body temperature.





LOW NOISE

Operation as quiet as 18dB allows you to rest peacefully. The only sound is the cool air circulating the room.



*18db is available for 9000btu model.

HUMIDITY CONTROL

Midea's smart sensor technology not only detects your room's temperature but also its humidity level. You can use the app to customize the desired relative humidity level from 30% to 90%.



AIR MAGIC

- Bacteria and Dust Removal
- Refreshing Air
- Dual Filtration
- Self Cleaning
- Skin Moisturizing



air magic



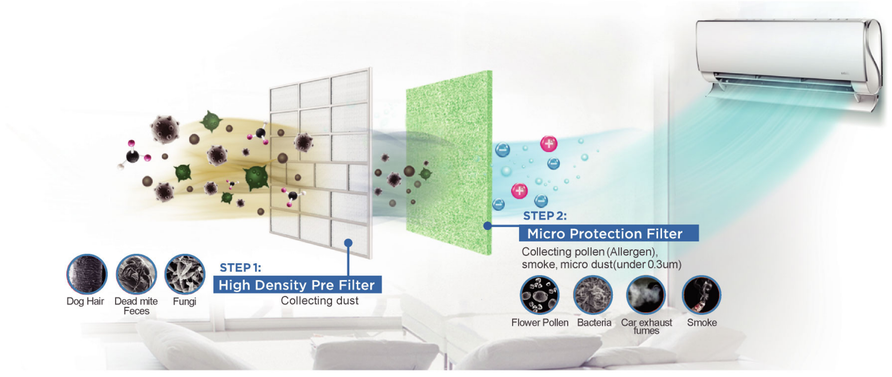
BACTERIA AND DUST REMOVAL

Air Magic produces millions of negative ions to eliminate virus and bacteria from the air.



DUAL FILTRATION

The dual filtration system thoroughly eliminates harmful substances, providing fresh and clean air.



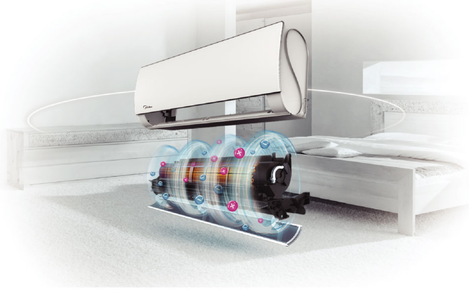
REFRESHING AIR

Running Air Magic cleans the air, just like planting a forest in your home.



SELF CLEANING

The self-cleaning function spins the indoor unit fan in reverse, removing condensed water and eliminating bacteria from within the unit.



SKIN MOISTURIZING

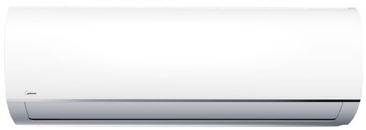
Air Magic is not only your air quality manager, but also your cosmetologist: water molecules dispersed by Air Magic moisturize your skin, leaving you looking and feeling your best.





APPEARANCE

Indoor unit



Remote control



Outdoor unit



FEATURES



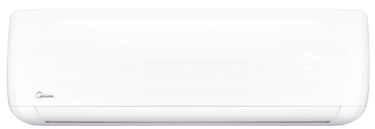
SPLIT-SPECIFICATION

Model NO.	Indoor Unit				
	Outdoor Unit				
Performance					
Power Supply		V~,Hz,Ph			
Cooling Capacity		Btu/h			
		kW			
Heating Capacity		Btu/h			
		kW			
Power Input	Cooling	W			
	Heating	W			
Operating Current	Cooling	A			
	Heating	A			
EER		W/W			
COP		W/W			
Energy Rate					
Air Flow Volume	Indoor	m3/h (H/M/L)			
Noise Level	Indoor	dB(A) (H/M/L)			
	Outdoor	dB(A)			
Dimension & Weight & Piping Size					
Net Dimension	Indoor	mm (WxDxH)			
	Outdoor	mm (W×DxH)			
Packing Dimension	Indoor	mm (WxDxH)			
	Outdoor	mm (WxDxH)			
Net/Gross Weight	Indoor	kg			
	Outdoor	kg			
Piping Size	Liquid	Φmm(inch)			
	Gas	Φmm(inch)			
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ	set			



APPEARANCE

Indoor unit



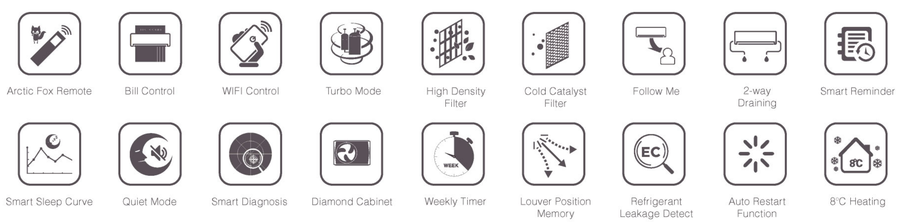
Remote control



Outdoor unit



FEATURES



SPLIT-SPECIFICATION

Model NO.	Indoor Unit				
	Outdoor Unit				
Performance					
Power Supply		V~,Hz,Ph			
Cooling Capacity		Btu/h			
		kW			
Heating Capacity		Btu/h			
		kW			
Power Input	Cooling	W			
	Heating	W			
Operating Current	Cooling	A			
	Heating	A			
EER		W/W			
COP		W/W			
Energy Rate					
Air Flow Volume	Indoor	m3/h (H/M/L)			
Noise Level	Indoor	dB(A) (H/M/L)			
	Outdoor	dB(A)			
Dimension & Weight & Piping Size					
Net Dimension	Indoor	mm (WxDxH)			
	Outdoor	mm (W×DxH)			
Packing Dimension	Indoor	mm (WxDxH)			
	Outdoor	mm (WxDxH)			
Net/Gross Weight	Indoor	kg			
	Outdoor	kg			
Piping Size	Liquid	Φmm(inch)			
	Gas	Φmm(inch)			
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ	set			



APPEARANCE

Indoor unit



Remote control



Outdoor unit



FEATURES



SPLIT-SPECIFICATION

Model NO.	Indoor Unit				
	Outdoor Unit				
Performance					
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Cooling Capacity		Btu/h			
		kW			
Heating Capacity		Btu/h			
		kW			
Power Input	Cooling	W			
	Heating	W			
Operating Current	Cooling	A			
	Heating	A			
EER		W/W			
COP		W/W			
Energy Rate					
Air Flow Volume	Indoor	m3/h (H/M/L)			
Noise Level	Indoor	dB(A) (H/M/L)			
	Outdoor	dB(A)			
Dimension & Weight & Piping Size					
Net Dimension	Indoor	mm (WxDxH)			
	Outdoor	mm (W×DxH)			
Packing Dimension	Indoor	mm (WxDxH)			
	Outdoor	mm (WxDxH)			
Net/Gross Weight	Indoor	kg			
	Outdoor	kg			
Piping Size	Liquid	Φmm(inch)			
	Gas	Φmm(inch)			
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ	set			



APPEARANCE

Indoor unit



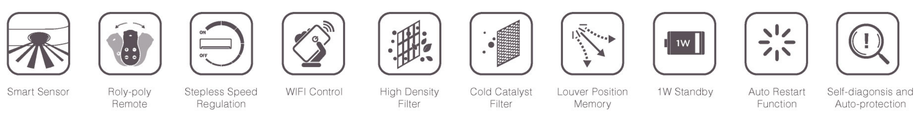
Remote control



Outdoor unit



FEATURES



SPLIT-SPECIFICATION

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Heating Capacity		Btu/h			
		kW			
Power Input	Cooling	W			
	Heating	W			
Operating Current	Cooling	A			
	Heating	A			
EER		W/W			
COP		W/W			
Energy Rate					
Air Flow Volume	Indoor	m3/h (H/M/L)			
Noise Level	Indoor	dB(A) (H/M/L)			
	Outdoor	dB(A)			
Dimension & Weight & Piping Size					
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	Outdoor	mm (W×DxH)			
Packing Dimension	Indoor	mm (WxDxH)			
	Outdoor	mm (WxDxH)			
Net/Gross Weight	Indoor	kg			
	Outdoor	kg			
Piping Size	Liquid	Φmm(inch)			
	Gas	Φmm(inch)			
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ	set			



SPECIFICATIONS

Indoor unit



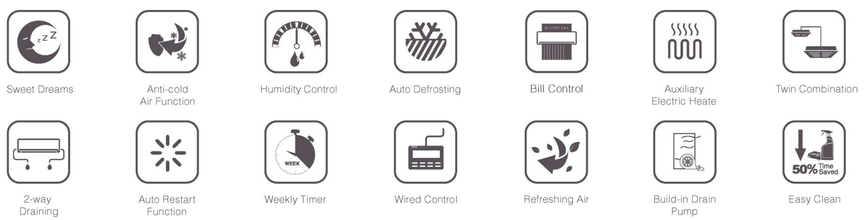
Controller



Outdoor unit

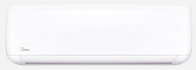
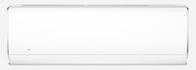


FEATURES



SPLIT-SPECIFICATION

Model	Indoor Unit				
	Outdoor Unit				
Performance					
Power Supply		V~,Hz,Ph			
Cooling Capacity		Btu/h			
		kW			
Heating Capacity		Btu/h			
		kW			
Power Input	Cooling	W			
	Heating	W			
Operating Current	Cooling	A			
	Heating	A			
EER		W/W			
COP		W/W			
Static Pressure		Pa			
Air Flow Volume	Indoor	m3/h (H/M/L)			
Noise Level	Indoor	dB(A) (H/M/L)			
Dimension & Weight & Piping Size					
Net Dimension	Body				
	Panel	mm (WxDxH)			
Packing Dimension	Body	mm (W×DxH)			
	Panel	mm (WxDxH)			
Net/Gross Weight	Body	mm (WxDxH)			
	Panel	kg			
Piping Size	Liquid	kg			
	Gas	Φmm(inch)			
	Drainage(DO)	Φmm(inch)			
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ	set			

Product Types	Split			Duct
					
Cooling/Heating				
Super Cool				
Flash Cooling/Heating				
Long-Distance Windblast				
High-Ambient Cooling				
Low-Ambient Heating				
Three-Dimensional Airflow				
Energy Saving				
Gear Change				
iECO Mode				
Bill Control				
Comfort				
Triple Comfort				
GA Stepless Inverter Technology				
Smart Sensor				
Silky Cool				
Noise Control				
Humidity Control				
Air Magic				
Bacteria and Dust Removal				
Fresh Air				
Dual Filtration				
Self Cleaning				
Skin Moisturizing				
Smart Technology				
Smart Diagnosis				
Weekly Timer				
Cleaning Reminder				
Remote Control App				
Smart Sleep Curve				
Intuitive User Interface				
Easy Installation				
Easy Installation				
Easy Maintenance				
Easy Clean				
Reliable And Durable				
"Diamond-Edged" Casing				
Golden Fin				



Oasis Plus Split

Features

- Self-Cleaning
- Follow Me
- Chasis Heating Belt
- ECO
- Compressor Heating Belt
- 2-way Draining
- Smart Dehumidification
- Intelligent Eye Detector
- Wired Control
- Bio Filter
- High Air Outlet Temperature
- Ultra Low-Ambient Heating
- GA Stepless Comfort Technology
- Long-Distance Windblast
- Hidden Display
- 0.5°C Temperature Control
- Central Control Management
- Plasma
- 3D Air Flow
- Ionizer
- FP Function
- R32 Refrigerant
- Photosensitive Sensor
- Multi-functional Box



OUTSTANDING FEATURES

Oasis Plus Split

Ultra-high Energy Efficiency

Midea Oasis Plus series is equipped with ultra-high energy efficiency technology. You can indulge in comfortable warmness/coolness while significantly reducing energy consumption.



SCOP	SEER
5.3	9.2

Low-Ambient Heating

The advanced inverter technology to withstand the most extreme weather conditions. You can enjoy comfortable and heating air even when the outdoor temperature is as low as -30°C.



Intelligent Eye



Wind follow me



Wind avoid me



When you are away for 30 minutes, automatically lowers the frequency to save energy.

Oasis Plus Split

Specification - R32 3D DC Inverter

Model NO.	Indoor Unit Outdoor Unit		MSOPBU-09HRFN8-QRE6GW MOB30-09HFN8-QRE6GW	MSOPBU-12HRFN8-QRE6GW MOB30-12HFN8-QRE6GW
Performance				
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Cooling/Heating Capacity		Btu/h	9000(3408-14189)/14000(2569-23884)	12000(3519-16432)/14500(2569-24566)
		kW	2.6(1.1-4.1)/4.1(0.75-7.0)	3.5(1.0-4.8)/4.2(0.75-7.2)
SEER		W/W	9.2	9.0
Cooling Energy Rate			A+++	A+++
SCOP	Avg./Warm/Cold	W/W	5.3/6.3/4.1	5.3/6.0/4.2
Heating Energy Rate	Avg./Warm/Cold		A+++/A+++/A+	A+++/A+++/A+
Tol		℃	-30	-30
Indoor Unit				
Air Flow Volume	SHi/Hi/Mid/Lo/SLo/Si	m³/h	565/500/430/380/285/220	590/530/450/380/310/230
Sound Pressure Noise Level	H/M/L	dB(A)	45/38/33/29/26/23/20	45/40/37/34/31/28/21
Sound Power Noise Level	Hi	dB(A)	58	59
Net Dimension	WxDxH	mm	895x248x298	895x248x298
Packing Dimension	WxDxH	mm	985x370x345	985x370x345
Net/Gross Weight		kg	13/17.1	13/17.1
Outdoor Unit				
Sound Pressure Noise Level	Hi	dB(A)	57	57
Sound Power Noise Level	Hi	dB(A)	59	61
Net Dimension	WxDxH	mm	800x333x554	800x333x554
Packing Dimension	WxDxH	mm	920x390x615	920x390x615
Net/Gross Weight		kg	36.4/39.7	36.4/39.7
Applicable Area & Stuffing Quantity				
Applicable Area		m²	12-18	16-23
Stuffing Quantity	20'/40'/40'HQ	set	78/164/200	78/164/200

Remark:

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



OUTSTANDING FEATURES
Vertu Plus Split



V Design

Midea's Vertu Plus features a unique V design, light turns blue in cooling mode and turns orange in heating mode.



Auto Photosensitive Display & Sound

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

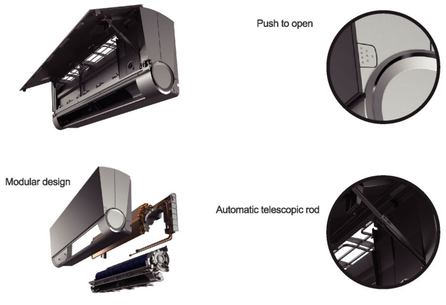
Forest Wind

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



Easy Clean

Unique design, easy to disassemble and clean.



Vertu Plus Split

Specification - R410A 3D DC Inverter

Model NO.	Indoor Unit Outdoor Unit		MSVPAU-09HRFN1-QRD0GW MOBA31-09HFN1-QRD0GW	MSVPBU-12HRFN1-QRD0GW MOB31-12HFN1-QRD0GW	MSVPCU-18HRFN1-QRD0GW MOB32-18HFN1-QRD0GW(S1)
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	9000(4200-11300)/10000(3000-12800)	12000(4600-15200)/13000(3500-16600)	18000(6260-20880)/19000(4760-23000)
		kW	2.6(1.2-3.3)/3.0(0.9-3.8)	3.5(1.3-4.5)/3.8(1.0-4.9)	5.3(1.8-6.1)/5.6(1.4-6.7)
SEER		W/W	6.8	6.7	6.6
Cooling Energy Rate			A++	A++	A++
SCOP	Avg./Warm/Cold	W/W	4.1/5.3/-	4.1/5.2/-	4.0/5.1/-
Heating Energy Rate	Avg./Warm/Cold		A+	A+	A+
Tol		℃	-15	-15	-15
Indoor Unit					
Air Flow Volume		m³/h	400/330/250	500/360/270	740/620/480
Sound Pressure Noise Level	H/M/L	dB(A)	35/26/21	36/29/22	42.5/35/33
Sound Power Noise Level	Hi	dB(A)	51	51	54
Net Dimension	WxDxH	mm	897x182x312	897x182x312	1004x205x350
Packing Dimension	WxDxH	mm	985x260x385	985x260x385	1095x290x425
Net/Gross Weight		kg	9.5/13.1	9.9/13.6	13.5/17.7
Outdoor Unit					
Sound Pressure Noise Level	Hi	dB(A)	55	56	56
Sound Power Noise Level	Hi	dB(A)	59	61	63
Net Dimension	WxDxH	mm	770x300x555	800x333x554	800x333x554
Packing Dimension	WxDxH	mm	900x345x585	920x390x615	920x390x615
Net/Gross Weight		kg	26.6/29	29.1/31.9	35.1/37.9
Applicable Area & Stuffing Quantity					
Applicable Area		m²	12-18	16-23	24-35
Stuffing Quantity	20'/40'/40'HQ	set	104/220/240	85/185/210	78/168/188

Remark:

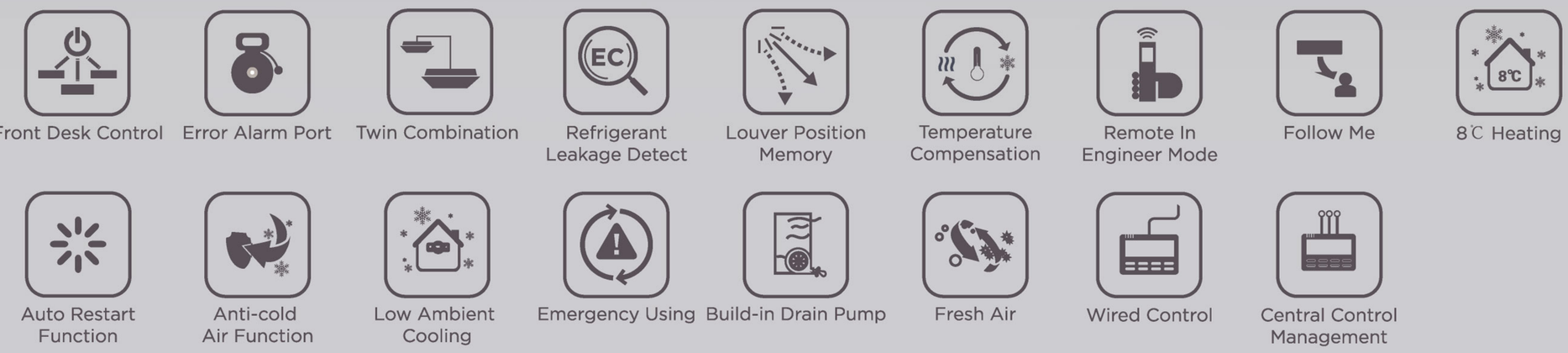
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Compact Round Flow Cassette



Features



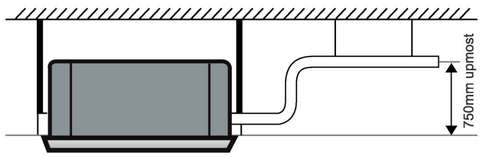
OUTSTANDING FEATURES

Compact Round Flow Cassette



Built-in Drain Pump

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



Fresh Air

Air outside can be lead 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 unit fan speed can be changed automatically according to condenser temperature, even when the temperature is down to -15°C.



Wired Control

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



Compact Cassette

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MCA3U-12HRFNX-QRD0W MOB30U-12HFN1-QRD0W	MCA3-18HRFN1-QRD0 MOB30U-18HFN1-QRD0
Performance				
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC
Cooling/Heating Capacity		Btu/h	12000(2100-15000)/14000(2100-17500)	18000(2700-21000)/19000(3000-24000)
		kW	3.5(0.6-4.4)/4.1(0.6-5.1)	5.3(0.8-6.1)/5.6(0.9-7.0)
SEER	Average	W/W	6.1	6.3
Cooling Energy Rate			A++	A++
SCOP	Average	W/W	4.0	4.0
Heating Energy Rate			A+	A+
Tol		℃	-15	-15
Air Flow Volume		m^3/h	650/530/450	660/550/490
Sound Pressure Noise Level	H/M/L	dB(A)	42/38/34	46/42/38
Sound Power Noise Level		dB(A)	57	56
Dimension & Weight				
Net Dimension	Body	WxDxH mm	570x570x260	570x570x260
	Panel	WxDxH mm	647x647x50	647x647x50
Packing Dimension	Body	WxDxH mm	655x655x290	655x655x290
	Panel	WxDxH mm	715x715x123	715x715x123
Net/Gross Weight	Body	kg	16/19	16.5/19
	Panel	kg	2.5/4.5	2.5/4.5
Applicable Area & Stuffing Quantity				
Applicable Area		m^2	16-23	24-35
Stuffing Quantity	20'/40'/40'HQ	set	234/488/566	234/488/566

Remark:

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



Super Slim
Round Flow Cassette

Features

- 360° Air Flow Panel
- Front Desk Control
- Error Alarm Port
- Twin Combination
- Refrigerant Leakage Detect
- Louver Position Memory
- Remote In Engineer Mode
- Follow Me
- Ionizer
- Temperature Compensation
- Anti-cold Air Function
- Low Ambient Cooling
- Emergency Using
- Build-in Drain Pump
- Fresh Air
- 8℃ Heating
- Wired Control
- Central Control Management

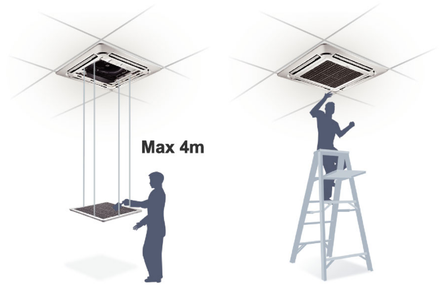
OUTSTANDING FEATURES

Super Slim Round Flow Cassette



Lifting Easy-clean Panel (Optional)

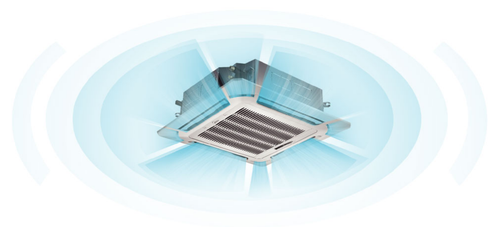
The removable lifting panel makes the cleaning process much easier.



Easy Cleaning Panel Conventional Panel

360° Air Flow Panel

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

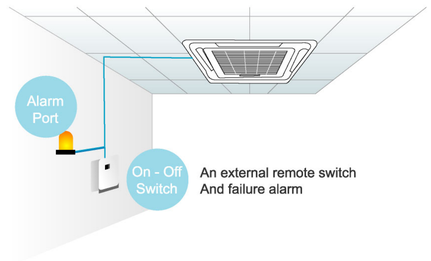


360°Air Flow Panel

Reserved ON-OFF & Alarm Ports

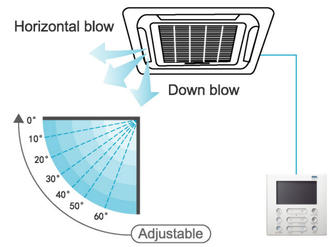
ON-OFF Switch: With the reserved ports, a remote switch can be easily connected to a realize remote control.

Alarm Ports: The built-in PCB can output alarm signals 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 control.



Super Slim Cassette

Specification - R32

Model NO.	Indoor Unit / Outdoor Unit		MCD-18HRFNX-QRD0 MOB30U-18HFN8-QRD0	MCD-24HRFNX-QRD0 MOCA30U-24HFN8-QRD0	MCD-36HRFNX-QRD0 MOD30U-36HFN8-QRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	18000(2700-21000)/19000(3000-24000)	24000(4100-28000)/24000(4100-29500)	36000(10000-41000)/38000(9000-45000)
		kW	5.2(0.8-6.1)/5.6(0.9-7.0)	7.0(1.2-8.2)/7.0(1.2-8.6)	10.5(2.9-12.0)/11.1(2.6-13.2)
SEER	Average	W/W	6.9	6.2	6.4
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		m³/h	1000/800/700	1450/1250/1100	1900/1750/1460
Sound Pressure Noise Level		H/M/L dB(A)	46/41/37	46/42/39	53/50/47
Sound Power Noise Level		Hi dB(A)	56	61	62
Dimension & Weight					
Net Dimension	Body	WxDxH mm	840x840x245	840x840x245	840x840x245
	Panel	WxDxH mm	950x950x55	950x950x55	950x950x55
Packing Dimension	Body	WxDxH mm	900x900x265	900x900x265	900x900x265
	Panel	WxDxH mm	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross Weight	Body	kg	21.3/25	24/28	25.6/29.6
	Panel	kg	5/8	5/8	5/8
Applicable Area & Stuffing Quantity					
Applicable Area		m²	24-35	32-47	48-70
Stuffing Quantity	20'/40'/40'HQ	set	148/312/342	128/268/294	128/268/294

Specification - R32

Model NO.	Indoor Unit / Outdoor Unit		MCD-36HRFNX-QRD0 MOD30U-36HFN8-RRD0	MCD-48HRFNX-QRD0 MOE30U-48HFN8-RRD0	MCD-55HRFNX-QRD0 MOE30U-55HFN8-RRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	36000(10000-41000)/38000(9000-45000)	48000(13600-55000)/53000(14300-60000)	55000(17000-63000)/62000(18000-70000)
		kW	10.5(2.9-12.0)/11.1(2.6-13.2)	14.0(4.0-16.1)/15.5(4.2-17.6)	16.0(5.0-18.5)/18.2(5.2-20.5)
SEER	Average	W/W	6.1	6.1	6.1
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		m³/h	1900/1750/1460	1850/1600/1400	1900/1650/1450
Sound Pressure Noise Level		H/M/L dB(A)	53/50/47	55/51/48	52/49/46
Sound Power Noise Level		Hi dB(A)	62	65	68
Dimension & Weight					
Net Dimension	Body	WxDxH mm	840x840x245	840x840x287	840x840x287
	Panel	WxDxH mm	950x950x55	950x950x55	950x950x55
Packing Dimension	Body	WxDxH mm	900x900x265	900x900x292	900x900x292
	Panel	WxDxH mm	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross Weight	Body	kg	25.6/29.6	28/32.1	31/34
	Panel	kg	5/8	5/8	5/8
Applicable Area & Stuffing Quantity					
Applicable Area		m²	48-70	64-94	73-107
Stuffing Quantity	20'/40'/40'HQ	set	128/268/294	100/212/238	100/212/238

Remark:

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

Super Slim Cassette

Specification - R410A

Model NO.	Indoor Unit / Outdoor Unit		MCD-18HRFN1-QRD0 MOB30U-18HFN1-QRD0	MCD-24HRFNX-QRD0 MOCA30U-24HFN1-QRD0	MCD-30HRFN1-QRD0 MOD30U-30HFN1-QRD0	MCD-36HRFNX-QRD0 MOD30U-36HFN1-QRD0	MCD-36HRFNX-QRD0 MOD30U-36HFN1-RRD0
Performance							
Power Supply		V~,Hz,Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph
Inveter Type			3D DC	3D DC	3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	18000(2700-21000)/19000(3000-24000)	24000(4100-28000)/24000(4100-29500)	30000(7100-36000)/31000(7100-35900)	36000(10000-41000)/38000(9000-45000)	36000(10000-41000)/38000(9000-45000)
		kW	5.2(0.8-6.1)/5.6(0.9-7.0)	7.0(1.2-8.2)/7.0(1.2-8.6)	8.8(2.1-10.5)/9.1(2.1-10.5)	10.5(2.9-12.0)/11.1(2.6-13.2)	10.5(2.9-12.0)/11.1(2.6-13.2)
SEER	Average	W/W	6.3	6.1	6.1	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		m³/h	1000/800/700	1450/1250/1100	1700/1460/1300	1900/1750/1460	1900/1750/1460
Sound Pressure Noise Level		H/M/L dB(A)	46/41/37	46/42/39	53/48/44	53/50/47	53/50/47
Sound Power Noise Level		Hi dB(A)	56	61	64	61	61
Dimension & Weight							
Net Dimension	Body	WxDxH mm	840x840x245	840x840x245	840x840x245	840x840x245	840x840x245
	Panel	WxDxH mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
Packing Dimension	Body	WxDxH mm	900x900x265	900x900x265	900x900x265	900x900x265	900x900x265
	Panel	WxDxH mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross Weight	Body	kg	21.3/25	24/28	26.5/30.5	25.6/29.6	25.6/29.6
	Panel	kg	5/8	5/8	5/8	5/8	5/8
Applicable Area & Stuffing Quantity							
Applicable Area		m²	24-35	32-47	40-59	48-70	48-70
Stuffing Quantity	20'/40'/40'HQ	set	148/312/342	128/268/294	128/268/294	128/268/294	128/268/294

Specification - R410A

Model NO.	Indoor Unit / Outdoor Unit		MCD-42HRFN1-QRD0 MOD30U-42HFN1-QRD0	MCD-42HRFN1-QRD0 MOD30U-42HFN1-RRD0	MCD-48HRFNX-QRD0 MOE30U-48HFN1-QRD0	MCD-48HRFNX-QRD0 MOE30U-48HFN1-RRD0	MCD-55HRFNX-QRD0 MOE30U-55HFN1-RRD0
Performance							
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	380-415V~50Hz , 3Ph
Inveter Type			3D DC	3D DC	3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	42000(11000-45000)/46000(10000-50000)	42000(11000-45000)/46000(10000-50000)	48000(13600-55000)/53000(14300-60000)	48000(13600-55000)/53000(14300-60000)	55000(17000-63000)/62000(18000-70000)
		kW	12.1(3.2-13.2)/13.5(3.0-14.7)	12.1(3.2-13.2)/13.5(3.0-14.7)	14.0(4.0-16.1)/15.5(4.2-17.6)	14.0(4.0-16.1)/15.5(4.2-17.6)	16.0(5.0-18.5)/18.2(5.2-20.5)
SEER	Average	W/W	5.6	5.6	5.6	5.6	5.6
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		m³/h	1850/1600/1400	1850/1600/1400	1850/1600/1400	1850/1600/1400	1900/1650/1450
Sound Pressure Noise Level		H/M/L dB(A)	54/51/48	54/51/48	55/51/48	55/51/48	52/49/46
Sound Power Noise Level		Hi dB(A)	64	64	63	63	68
Dimension & Weight							
Net Dimension	Body	WxDxH mm	840x840x287	840x840x287	840x840x287	840x840x287	840x840x287
	Panel	WxDxH mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
Packing Dimension	Body	WxDxH mm	900x900x292	900x900x292	900x900x292	900x900x292	900x900x292
	Panel	WxDxH mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Net/Gross Weight	Body	kg	26.1/30.1	26.1/30.1	28/32.1	28/32.1	31/34
	Panel	kg	5/8	5/8	5/8	5/8	5/8
Applicable Area & Stuffing Quantity							
Applicable Area		m²	56-82	56-82	64-94	64-94	73-107
Stuffing Quantity	20'/40'/40'HQ	set	100/212/238	100/212/238	100/212/238	100/212/238	100/212/238

Remark:

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Ceiling & Floor

Features

Front Desk Control
2-way Draining
Twin Combination
Sleep Mode
3D Air Flow
Refrigerant Leakage Detect
Louver Position Memory
Remote In Engineer Mode
Wired Control
8℃ Heating
Anti-cold Air Function
Error Alarm Port
Timer
Low Ambient Cooling
Emergency Using
Fresh Air
Build-in Drain Pump
Follow Me
Central Control Management

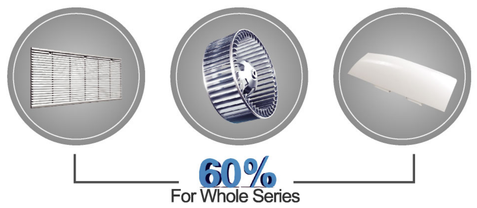


OUTSTANDING FEATURES

Ceiling & Floor

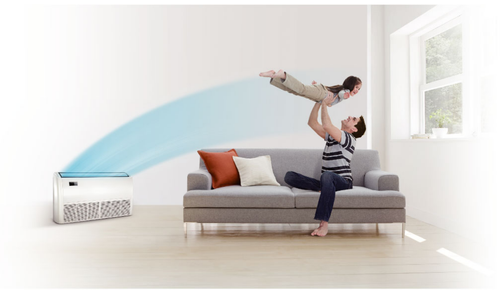
Easy Maintenance

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



Turbo

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



Fresh Air

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



3D Air Flow

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



Ceiling & Floor

Specification - R32

Model NO.	Indoor Unit Outdoor Unit		MUE-18HRFNX-QRD0 MOB30U-18HFN8-QRD0	MUE-24HRFNX-QRD0 MOCA30U-24HFN8-QRD0	MUE-36HRFNX-QRD0 MOD30U-36HFN8-QRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	18000(2700-21000)/19000(3000-24000)	24000(4100-28000)/24000(4100-29500)	36000(10000-41000)/38000(9000-45000)
		kW	5.2(0.8-6.1)/5.6(0.9-7.0)	7.0(1.2-8.2)/7.0(1.2-8.6)	10.5(2.9-12.0)/11.1(2.6-13.2)
SEER	Average	W/W	7.0	6.2	6.7
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		m³/h	900/800/700	1180/1050/850	2048/1767/1403
Sound Pressure Noise Level		H/M/L dB(A)	44/39/34	53/48/42	52/46/40
Sound Power Noise Level		dB(A)	57	63	63
Dimension & Weight					
Net Dimension		WxDxH mm	1068x675x235	1068x675x235	1650x675x235
Packing Dimension		WxDxH mm	1145x755x313	1145x755x313	1725x755x313
Net/Gross Weight		kg	25.8/30.6	25.8/30.6	40.3/46.9
Applicable Area & Stuffing Quantity					
Applicable Area		m²	24-35	32-47	48-70
Stuffing Quantity	20'/40'/40'HQ	set	102/220/252	102/220/252	72/147/167

Specification - R32

Model NO.	Indoor Unit Outdoor Unit		MUE-36HRFNX-QRD0 MOD30U-36HFN8-RRD0	MUE-48HRFNX-QRD0 MOE30U-48HFN8-RRD0	MUE-55HRFNX-QRD0 MOE30U-55HFN8-RRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	36000(10000-41000)/38000(9000-45000)	48000(14000-56000)/56000(15000-63000)	55000(17000-61800)/62000(18000-70000)
		kW	10.5(2.9-12.0)/11.1(2.6-13.2)	14.0(4.1-16.4)/16.4(4.4-18.5)	16.0(5.0-18.1)/18.2(5.2-20.5)
SEER	Average	W/W	6.2	6.1	6.1
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		m³/h	2048/1767/1403	2100/1800/1400	2250/1660/1280
Sound Pressure Noise Level		H/M/L dB(A)	52/46/40	56/48/41	55/50/45
Sound Power Noise Level		dB(A)	63	66	70
Dimension & Weight					
Net Dimension		WxDxH mm	1650x675x235	1650x675x235	1650x675x235
Packing Dimension		WxDxH mm	1725x755x313	1725x755x313	1725x755x313
Net/Gross Weight		kg	40.3/46.9	40.5/47	40.5/47
Applicable Area & Stuffing Quantity					
Applicable Area		m²	48-70	64-94	73-107
Stuffing Quantity	20'/40'/40'HQ	set	72/147/167	72/147/167	72/147/167

Remark:

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

Ceiling & Floor

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MUE-18HRFNX-QRD0 MOB30U-18HFN1-QRD0	MUE-24HRFNX-QRD0 MOCA30U-24HFN1-QRD0	MUE-30HRFN1-QRD0 MOD30U-30HFN1-QRD0	MUE-36HRFNX-QRD0 MOD30U-36HFN1-QRD0	MUE-36HRFNX-QRD0 MOD30U-36HFN1-RRD0
Performance							
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph
Inveter Type			3D DC	3D DC	3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	18000(2700-21000)/19000(3000-24000)	24000(4100-28000)/24000(4100-29500)	30000(7100-36000)/32000(7100-37000)	36000(10000-41000)/38000(9000-45000)	36000(10000-41000)/38000(9000-45000)
		kW	5.2(0.8-6.1)/5.6(0.9-7.0)	7.0(1.2-8.2)/7.0(1.2-8.6)	8.8(2.1-10.5)/9.4(2.1-10.8)	10.5(2.9-12.0)/11.1(2.6-13.2)	10.5(2.9-12.0)/11.1(2.6-13.2)
SEER	Average	W/W	6.5	6.1	6.1	6.3	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		m³/h	900/800/700	1180/1050/850	1650/1450/1250	2048/1767/1403	2048/1767/1403
Sound Pressure Noise Level		H/M/L dB(A)	44/39/34	53/48/42	54/49/44	52/46/40	52/46/40
Sound Power Noise Level		dB(A)	57	63	64	63	63
Dimension & Weight							
Net Dimension		WxDxH mm	1068x675x235	1068x675x235	1285x675x235	1650x675x235	1650x675x235
Packing Dimension		WxDxH mm	1145x755x313	1145x755x313	1360x755x313	1725x755x313	1725x755x313
Net/Gross Weight		kg	25.8/30.6	25/30	31/36.5	40.3/46.9	40.3/46.9
Applicable Area & Stuffing Quantity							
Applicable Area		m²	24-35	32-47	40-59	48-70	48-70
Stuffing Quantity	20'/40'/40'HQ	set	102/220/252	102/220/252	92/188/213	72/147/167	72/147/167

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MUE-42HRFN1-QRD0 MOD30U-42HFN1-QRD0	MUE-42HRFN1-QRD0 MOD30U-42HFN1-RRD0	MUE-48HRFNX-QRD0 MOE30U-48HFN1-QRD0	MUE-48HRFNX-QRD0 MOE30U-48HFN1-RRD0	MUE-55HRFNX-QRD0 MOE30U-55HFN1-RRD0
Performance							
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	380-415V~50Hz , 3Ph
Inveter Type			3D DC	3D DC	3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	42000(11000-45000)/46000(10000-50000)	42000(11000-45000)/44000(9680-47820)	48000(14000-56000)/58000(15000-63000)	48000(14000-56000)/56000(15000-63000)	55000(17000-61800)/62000(18000-70000)
		kW	12.1(3.2-13.2)/13.5(3.0-14.7)	12.1(3.2-13.2)/12.9(2.8-14.0)	14.0(4.1-16.4)/16.4(4.4-18.5)	14.0(4.1-16.4)/16.4(4.4-18.5)	16.0(5.0-18.1)/18.2(5.2-20.5)
SEER	Average	W/W	6.1	6.1	6.1	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		m³/h	2271/1886/1394	2271/1886/1394	2100/1800/1400	2100/1800/1400	2250/1660/1280
Sound Pressure Noise Level		H/M/L dB(A)	55/49/43	55/49/43	52/46/41	56/48/41	55/50/45
Sound Power Noise Level		dB(A)	67	68	67	66	70
Dimension & Weight							
Net Dimension		WxDxH mm	1650x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Packing Dimension		WxDxH mm	1725x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313
Net/Gross Weight		kg	40.5/47	40.5/47	38.2/44.6	38.2/44.6	40.5/47
Applicable Area & Stuffing Quantity							
Applicable Area		m²	56-82	56-82	64-94	64-94	73-107
Stuffing Quantity	20'/40'/40'HQ	set	72/147/167	72/147/167	72/147/167	72/147/167	72/147/167

Remark:

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Console

Features



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 Way

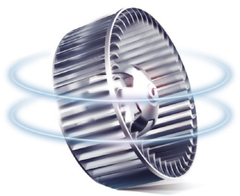
Both up and down air outlet or up air outlet only.



Quite 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 Control

Compared with infrared remote control, wire control 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 - R410A

Model NO.	Indoor Unit Outdoor Unit		MFAU-12HRFN1-QRC8W MOB30U-12HFN1-QRD0W
Performance			
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC
Cooling/Heating Capacity		Btu/h	12000(2100-15000)/13000(2100-17000)
		kW	3.5(0.6-4.4)/3.8(0.6-5.0)
SEER	Average	W/W	6.1
Cooling Energy Rate			A++
SCOP	Average	W/W	4.0
Heating Energy Rate			A+
Tol		℃	-15
Air Flow Volume		m^3/h	550/470/360
Sound Pressure Noise Level	H/M/L	dB(A)	47/41/35
Sound Power Noise Level		dB(A)	58
Dimension & Weight & Piping size			
Net Dimension	WxDxH	mm	700x600x210
Packing Dimension	WxDxH	mm	810x710x305
Net/Gross Weight		kg	15/20
Piping Size	Liquid	Φ mm(inch)	6.35(1/4")
	Gas	Φ mm(inch)	9.52(3/8")
Applicable Area & Stuffing Quantity			
Applicable Area		m^2	16-23
Stuffing Quantity	20'/40'/40'HQ	set	165/338/380

Remark:

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

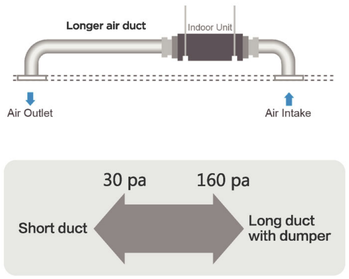


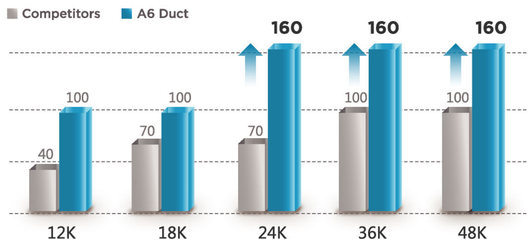
OUTSTANDING FEATURES
A6 Duct



Top Middle Static Pressure

The maximum static pressure reaches 160 Pa. As a ducted air conditioner with medium static pressure, it has the widest static pressure range.

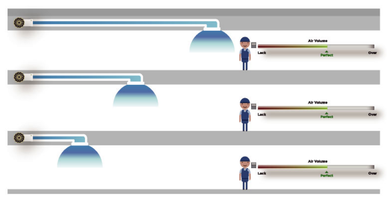




Constant Air Volume Control

With constant air volume control technology, the duct will automatically adjust to perfect static pressure and keep constant air volume. Installers can calculate and adjust the air volume even if the static pressure exceeds the expected range.

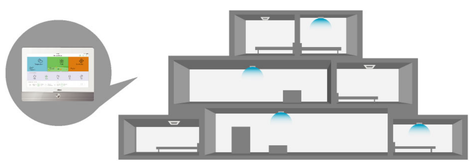




Various Control

Multi-zone Control

The multi-zone control function, with the new wired control and interface, can control different rooms or zones individually.



BMS Control

BMS gateways are compatible to multiple communication protocol of BACnet, LonWorks Modbus.


MD-CCM08/E


MD-LonGW64/E


CCM-18A

A6 Duct

Specification - R32

Model NO.	Indoor Unit Outdoor Unit		MTI-18HWFNX-QRD0 MOB30U-18HFN8-QRD0	MTI-24HWFNX-QRD0 MOCA30U-24HFN8-QRD0	MTI-36HWFNX-QRD0 MOD30U-36HFN8-QRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	18000(2700-21000)/19000(3000-24000)	24000(4100-28000)/24000(4100-29500)	36000(10000-41000)/38000(9000-45000)
		kW	5.2(0.8-6.1)/5.6(0.9-7.0)	7.0(1.2-8.2)/7.0(1.2-8.6)	10.5(2.9-12.0)/11.1(2.6-13.2)
SEER	Average	W/W	6.1	6.1	6.1
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		m³/h	850/730/570	1300/1070/850	1850/1550/1130
Static Pressure		Pa	0-100	0-160	0-160
Sound Pressure Noise Level	H/M/L	dB(A)	42/40/36	43/41/37	46/44/38
Sound Power Noise Level		dB(A)	58	62	64
Dimension & Weight					
Net Dimension	WxDxH	mm	880x674x210	1100x774x249	1360x774x249
Packing Dimension	WxDxH	mm	1070x725x270	1305x805x305	1570x805x305
Net/Gross Weight		kg	23.5/29	31/38	40/48
Applicable Area & Stuffing Quantity					
Applicable Area		m²	24-35	32-47	48-70
Stuffing Quantity	20'/40'/40'HQ	set	120/264/297	77/161/184	60/126/147

Specification - R32

Model NO.	Indoor Unit Outdoor Unit		MTI-36HWFNX-QRD0 MOD30U-36HFN8-RRD0	MTI-48HWFNX-QRD0 MOE30U-48HFN8-RRD0	MTI-55HWFNX-QRD0 MOE30U-55HFN8-RRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	36000(10000-41000)/38000(9000-45000)	48000(14000-56000)/55000(14800-61850)	54000(17000-61800)/62000(18000-70000)
		kW	10.5(2.9-12.0)/11.1(2.6-13.2)	14.0(4.1-16.4)/16.1(4.3-18.1)	15.8(5.0-18.1)/18.2(5.2-20.5)
SEER	Average	W/W	6.1	6.1	6.1
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		m³/h	1850/1550/1130	2100/1800/1500	2100/1800/1500
Static Pressure		Pa	0-160	0-160	0-160
Sound Pressure Noise Level	H/M/L	dB(A)	46/44/38	50/47/44	50/47/44
Sound Power Noise Level		dB(A)	64	65	68
Dimension & Weight					
Net Dimension	WxDxH	mm	1360x774x249	1200x874x300	1200x874x300
Packing Dimension	WxDxH	mm	1570x805x305	1410x930x373	1410x930x373
Net/Gross Weight		kg	40/48	45/53	45/53
Applicable Area & Stuffing Quantity					
Applicable Area		m²	48-70	64-94	73-107
Stuffing Quantity	20'/40'/40'HQ	set	60/126/147	60/126/147	60/126/147

Remark:

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A6 Duct

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MTIU-12HWFNX-QRD0 MOB30U-12HFN1-QRD0W	MTI-18HWFNX-QRD0 MOB30U-18HFN1-QRD0	MTI-24HWFNX-QRD0 MOCA30U-24HFN1-QRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	12000(2100-15000)/13000(2100-17000)	18000(4200-21000)/19000(6100-24000)	24000(6800-28000)/24000(8200-29500)
		kW	3.5(0.6-4.4)/3.8(0.6-5.0)	5.3(1.2-6.1)/5.6(0.9-7.0)	7.0(2.0-8.2)/7.0(2.4-8.6)
SEER	Average	W/W	6.1	6.1	6.1
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		m³/h	680/580/450	850/730/570	1300/1070/850
Static Pressure		Pa	0-100	0-100	0-160
Sound Pressure Noise Level	H/M/L	dB(A)	42/38/35	42/40/36	43/41/37
Sound Power Noise Level		dB(A)	54	58	62
Dimension & Weight					
Net Dimension	WxDxH	mm	700x450x200	880x674x210	1100x774x249
Packing Dimension	WxDxH	mm	860x540x275	1070x725x270	1305x805x305
Net/Gross Weight		kg	17.8/22	23.5/29	31/38
Applicable Area & Stuffing Quantity					
Applicable Area		m²	16-23	24-35	32-47
Stuffing Quantity	20'/40'/40'HQ	set	214/461/519	120/264/297	77/161/184

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MTB-30HWFN1-QRD0 MOD30U-30HFN1-QRD0	MTI-36HWFNX-QRD0 MOD30U-36HFN1-QRD0	MTI-36HWFNX-QRD0 MOD30U-36HFN1-RRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	30000(7500-36000)/32000(9200-37000)	36000(8200-41000)/38000(9500-45000)	36000(8200-41000)/38000(9500-45000)
		kW	8.8(2.2-10.5)/9.4(2.7-10.8)	10.5(2.4-12.0)/11.1(2.8-13.2)	10.5(2.4-12.0)/11.1(2.8-13.2)
SEER	Average	W/W	6.1	6.1	6.1
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		m³/h	1540/1255/723	1850/1550/1130	1850/1550/1130
Static Pressure		Pa	0-160	0-160	0-160
Sound Pressure Noise Level	H/M/L	dB(A)	41/40/36.5	46/44/38	46/44/38
Sound Power Noise Level		dB(A)	63	64	64
Dimension & Weight					
Net Dimension	WxDxH	mm	1360x774x249	1360x774x249	1360x774x249
Packing Dimension	WxDxH	mm	1570x805x305	1570x805x305	1570x805x305
Net/Gross Weight		kg	40.6/48.5	40/48	40/48
Applicable Area & Stuffing Quantity					
Applicable Area		m²	40-59	48-70	48-70
Stuffing Quantity	20'/40'/40'HQ	set	49/105/120	60/126/147	60/126/147

Remark:

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

A6 Duct

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MTB-42HWFN1-QRD0 MOD30U-42HFN1-QRD0	MTB-42HWFN1-QRD0 MOD30U-42HFN1-RRD0	MTI-48HWFNX-QRD0 MOE30U-48HFN1-QRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC	3D DC
Cooling/Heating Capacity		Btu/h	42000(8600-45000)/46000(10000-50000)	42000(8600-45000)/46000(10000-50000)	46700(10500-56000)/52500(12000-62000)
		kW	12.1(2.5-13.2)/13.5(2.9-14.7)	12.1(2.5-13.2)/13.5(2.9-14.7)	13.7(3.1-16.4)/15.4(3.5-18.2)
SEER	Average	W/W	5.6	5.6	5.8
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		m³/h	1861/1457/914	1861/1457/914	2100/1800/1500
Static Pressure		Pa	0-160	0-160	0-160
Sound Pressure Noise Level	H/M/L	dB(A)	49/47.5/45.5	48.5/46.5/44.5	50/47/44
Sound Power Noise Level		dB(A)	67	67	65
Dimension & Weight					
Net Dimension	WxDxH	mm	1200x874x300	1200x874x300	1200x874x300
Packing Dimension	WxDxH	mm	1405x915x355	1405x915x355	1410x930x373
Net/Gross Weight		kg	47.2/56.8	47.2/56.8	45/53
Applicable Area & Stuffing Quantity					
Applicable Area		m²	56-82	56-82	64-94
Stuffing Quantity	20'/40'/40'HQ	set	62/130/149	62/130/149	60/126/147

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MTI-48HWFNX-QRD0 MOE30U-48HFN1-RRD0	MTI-55HWFNX-QRD0 MOE30U-55HFN1-RRD0
Performance				
Power Supply		V~,Hz,Ph	380-415V~50Hz , 3Ph	380-415V~50Hz , 3Ph
Inveter Type			3D DC	3D DC
Cooling/Heating Capacity		Btu/h	46700(10500-56000)/52500(12000-62000)	52500(11500-62000)/60000(14500-70000)
		kW	13.7(3.1-16.4)/15.4(3.5-18.2)	15.4(3.4~18.2)/17.6(4.2~20.5)
SEER	Average	W/W	5.9	5.6
Cooling Energy Rate			A+	A+
SCOP	Average	W/W	4.0	4.0
Heating Energy Rate			A+	A+
Tol		℃	-15	-15
Air Flow Volume		m³/h	2100/1800/1500	2100/1800/1500
Static Pressure		Pa	0-160	0-160
Sound Pressure Noise Level	H/M/L	dB(A)	50/47/44	50/47/44
Sound Power Noise Level		dB(A)	65	68
Dimension & Weight				
Net Dimension	WxDxH	mm	1200x874x300	1200x874x300
Packing Dimension	WxDxH	mm	1410x930x373	1410x930x373
Net/Gross Weight		kg	45/53	45/53
Applicable Area & Stuffing Quantity				
Applicable Area		m²	64-94	73-107
Stuffing Quantity	20'/40'/40'HQ	set	60/126/147	60/126/147

Remark:

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

M Floor Standing

Standard Features

- Turbo
- LCD Display
- Independent Dehumidification
- Sleep Mode
- Self-diagonsis and Auto-protection
- Auxiliary Electric Heater
- Auto Restart Function
- Timer

Optional Features

- 3D Air Flow
- Golden Fin
- Healthy Filters
- Fresh Air
- Refrigerant Leakage Detect

OUTSTANDING FEATURES

M Floor Standing



Turbo

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



3D Air Flow

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



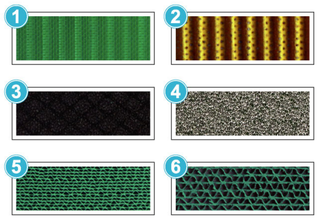
Fashionable LCD Display

M floor standing is equipped with a fashionable display board, which concisely shows all the operation status via LCD display



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

M Floor Standing

Specification - R410A

Model NO.	Indoor Unit Outdoor Unit		MFM-24HRFN1-QRD0 MOCA30U-24HFN1-QRD0	MFM-55ARFN1-RRD0 MOE30U-55HFN1-RRD0
Performance				
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph
Inveter Type			3D DC	3D DC
Cooling/Heating Capacity		Btu/h	24000(7500-26500)/26000(5200-29500)	53000(14000-55000)/60000(14500-63000)
		kW	7.0(2.2-7.8)/17.0(5.2-19.0)	15.5(4.1-16.1)/17.6(4.2-18.5)
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		℃	-15	-15
Air Flow Volume		m³/h	1230/1080/978	2150/1850/1450
Sound Pressure Noise Level	H/M/L	dB(A)	49.5/46/43.5	54/49/44
Sound Power Noise Level		dB(A)	63	65
Dimension & Weight				
Net Dimension	WxDxH	mm	500x315x1700	600x455x1934
Packing Dimension	WxDxH	mm	1805x615x425	2040x745x595
Net/Gross Weight		kg	37.5/48.5	65/85.8
Applicable Area & Stuffing Quantity				
Applicable Area		m²	32-47	70-103
Stuffing Quantity	20'/40'/40'HQ	set	44/94/95	24/51/68

Remark:

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Light Commercial Universal Outdoor Units

Specification - R32

Model NO.	Outdoor Unit		MOB30U-18HFN8-QRD0	MOCA30U-24HFN8-QRD0	MOD30U-36HFN8-QRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz , 1Ph	220-240V~50Hz , 1Ph	220-240V~50Hz , 1Ph
Air Flow Volume		m³/h	2100	2700	4300
Sound Pressure Noise Level	Hi	dB(A)	56	61	63
Sound Power Noise Level		dB(A)	63	65	65
Dimension & Weight & Piping size					
Net Dimension	WxDxH	mm	800x333x554	845x360x607	946x410x810
Packing Dimension	WxDxH	mm	920x390x615	965x395x755	1090x500x865
Net/Gross Weight		kg	35.6/38.5	49.4/52.8	66.8/73.4
Max. Pipe Length		m	30	50	65
Max. Height Difference		m	20	25	30
Stuffing Quantity					
20'/40'/40'HQ		set	108/219/292	102/216/216	44/96/144

Specification - R32

Model NO.	Outdoor Unit		MOD30U-36HFN8-RRD0	MOE30U-48HFN8-RRD0	MOE30U-55HFN8-RRD0
Performance					
Power Supply		V~,Hz,Ph	380-415V~50Hz , 1Ph	380-415V~50Hz , 1Ph	380-415V~50Hz , 1Ph
Air Flow Volume		m³/h	4300	6800	7000
Sound Pressure Noise Level	Hi	dB(A)	62	65	65
Sound Power Noise Level		dB(A)	67	72	75
Dimension & Weight & Piping size					
Net Dimension	WxDxH	mm	946x410x810	952x415x1333	952x415x1333
Packing Dimension	WxDxH	mm	1090x500x865	1095x495x1480	1095x495x1480
Net/Gross Weight		kg	81.5/87	108/121	113/126
Max. Pipe Length		m	65	65	65
Max. Height Difference		m	30	30	30
Stuffing Quantity					
20'/40'/40'HQ		set	44/96/144	22/48/48	22/48/48

Remark:

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Light Commercial Universal Outdoor Units

Specification - R410A

Model NO.	Outdoor Unit		MOB30U-12HFN1-QRD0W	MOB30U-18HFN1-QRD0	MOCA30U-24HFN1-QRD0	MOD30U-30HFN1-QRD0
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Air Flow Volume		m^3/h	2000	2100	2700	4300
Sound Pressure Noise Level	Hi	dB(A)	57	56.5	60	60
Sound Power Noise Level		dB(A)	60	64	65	66
Dimension & Weight & Piping size						
Net Dimension	WxDxH	mm	800x333x554	800x333x554	845x360x607	946x410x810
Packing Dimension	WxDxH	mm	920x390x615	920x390x615	965x395x755	1090x500x865
Net/Gross Weight		kg	34.5/37.3	35.5/38.4	49/51.5	62.9/68.5
Max. Pipe Length		m	25	30	50	50
Max. Height Difference		m	10	20	25	25
Stuffing Quantity						
20'/40'/40'HQ		set	108/219/292	108/219/292	102/216/216	44/96/144

Specification - R410A

Model NO.	Outdoor Unit		MOD30U-36HFN1-QRD0	MOD30U-36HFN1-RRD0	MOD30U-42HFN1-QRD0	MOD30U-42HFN1-RRD0
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph	220-240V~50Hz ,1Ph	380-415V~50Hz , 3Ph
Air Flow Volume		m^3/h	4300	4300	4300	4300
Sound Pressure Noise Level	Hi	dB(A)	61	62	63	63
Sound Power Noise Level		dB(A)	66	67	71	71
Dimension & Weight & Piping size						
Net Dimension	WxDxH	mm	946x410x810	946x410x810	946x410x810	946x410x810
Packing Dimension	WxDxH	mm	1090x500x865	1090x500x865	1090x500x865	1090x500x865
Net/Gross Weight		kg	67.2/72.9	78.9/83.9	70.5/76.1	85.3/91
Max. Pipe Length		m	65	65	65	65
Max. Height Difference		m	30	30	30	30
Stuffing Quantity						
20'/40'/40'HQ		set	44/96/144	44/96/144	44/96/144	44/96/144

Specification - R410A

Model NO.	Outdoor Unit		MOE30U-48HFN1-QRD0	MOE30U-48HFN1-RRD0	MOE30U-55HFN1-RRD0
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz , 1Ph	380-415V~50Hz , 3Ph	380-415V~50Hz , 3Ph
Air Flow Volume		m^3/h	6800	6800	7000
Sound Pressure Noise Level	Hi	dB(A)	65	65	62.5
Sound Power Noise Level		dB(A)	72	72	75
Dimension & Weight & Piping size					
Net Dimension	WxDxH	mm	952x415x1333	952x415x1333	952x415x1333
Packing Dimension	WxDxH	mm	1095x495x1480	1095x495x1480	1095x495x1480
Net/Gross Weight		kg	95.1/108.4	108.1/121.2	112.8/126
Max. Pipe Length		m	65	65	65
Max. Height Difference		m	30	30	30
Stuffing Quantity					
20'/40'/40'HQ		set	22/48/48	22/48/48	22/48/48

Remark:

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Free Match Inverter

Wide Choices



16000/18000 Btu/h | 21000/26000 Btu/h | 28000 Btu/h | 36000/42000 Btu/h

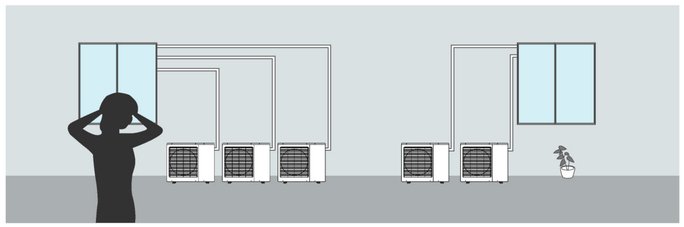
OUTSTANDING FEATURES

Free Match Inverter

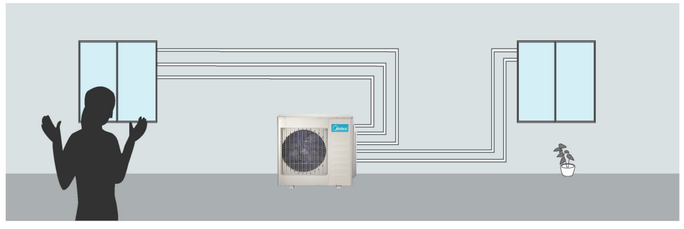


Space-saving Installation

A single outdoor unit can connect up to five indoor units, 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.



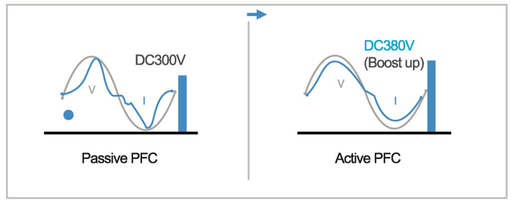
5 outdoor units

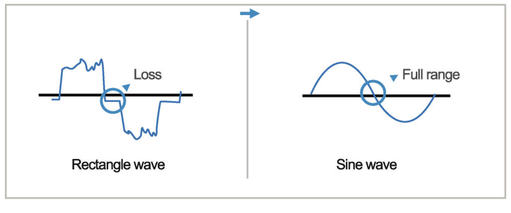


1 outdoor unit

Energy Saving

Cutting edge DC inverter of sine wave control and active PFC technology makes the air conditioner operates quieter and more economic.





Free Match Outdoor Units

Specification - R410A

Model NO.	Indoor Unit System Format		M2OE-14HFN1-Q 1 drive 2	M2OF-18HFN1-Q 1 drive 2	M3OE-21HFN1-Q 1 drive 3	M3OE-27HFN1-Q 1 drive 3
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Air Flow Volume		m³/h	2000	2100	2700	2700
Sound Pressure Noise Level	Hi	dB(A)	60	65	64	68
Sound Power Noise Level		dB(A)	54	56	58	60
Dimension & Weight & Piping size						
Net Dimension	WxDxH	mm	800x333x554	800x333x554	845x363x702	845x363x702
Packing Dimension	WxDxH	mm	920x390x615	920x390x615	965x395x755	965x395x755
Net/Gross Weight		kg	30.5/33.5	36/39	47/50.2	52.7/56.1
Liquid/Gas Side		Φ mm	2x(6.35/9.52)	2x(6.35/9.52)	3x(6.35/9.52)	3x(6.35/9.52)
Max. Pipe Length	Each Indoor	m	15	15	15	15
Max. Height Difference	Each Indoor	m	10	10	10	10
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	set	108/219/292	108/219/292	102/215/216	102/215/216

Specification - R410A

Model NO.	Indoor Unit System Format		M4OE-28HFN1-Q 1 drive 4	M4OB-36HFN1-Q 1 drive 4	M5OE-42HFN1-Q 1 drive 5
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Air Flow Volume		m³/h	3800	5500	5500
Sound Pressure Noise Level	Hi	dB(A)	66	68	68
Sound Power Noise Level		dB(A)	60	64	64
Dimension & Weight & Piping size					
Net Dimension	WxDxH	mm	946x410x810	946x410x810	946x410x810
Packing Dimension	WxDxH	mm	1090x500x875	1090x500x875	1090x500x875
Net/Gross Weight		kg	67.6/73.4	70/75	76/81
Liquid/Gas Side		Φ mm	3x(6.35/9.52)+1x(6.35/12.7)	4x(6.35/9.52)+1x(6.35/12.7)	4x(6.35/9.52)+1x(6.35/12.7)
Max. Pipe Length	Each Indoor	m	15	15	15
Max. Height Difference	Each Indoor	m	10	10	10
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ	set	44/96/144	44/96/144	44/96/144

Specification - R32

Model NO.	Indoor Unit System Format		M2OC-18HFN8-Q 1 drive 2	M3OE-27HFN8-Q 1 drive 3	M4OB-36HFN8-Q 1 drive 4	M5OD-42HFN8-Q 1 drive 5
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Air Flow Volume		m³/h	2300	3100	5500	5500
Sound Pressure Noise Level	Hi	dB(A)	63	65	68	68
Sound Power Noise Level		dB(A)	56	59	64	64
Dimension & Weight & Piping size						
Net Dimension	WxDxH	mm	800x333x554	845x363x702	946x410x810	946x410x810
Packing Dimension	WxDxH	mm	920x390x615	965x395x755	1090x500x875	1090x500x875
Net/Gross Weight		kg	36/39	53/56.5	70/75	76/81
Liquid/Gas Side		Φ mm	2x(6.35/9.52)	3x(6.35/9.52)	4x(6.35/9.52)+1x(6.35/12.7)	4x(6.35/9.52)+1x(6.35/12.7)
Max. Pipe Length	Each Indoor	m	15	15	15	15
Max. Height Difference	Each Indoor	m	10	10	10	10
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	set	108/219/292	102/215/216	44/96/144	44/96/144

Remark:

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Free Match Indoor Units

Specification - R410A

Model NO.	Indoor Unit		MSVPAU-09HRFN1-QRD0GW MSABAU-09HRFNX-QRD0GW MSAEAU-09HRFNX-QRD0GW			
Performance						
Combination			9+9	9+9+9	9+9+9+9	9+9+9+9+9
Cooling Capacity		Btu/h	18000/19000	27000/28000	36000/38000	42000/42000
		kW	5.3/5.6	7.9/8.2	10.5/11.1	12.3/12.3
SEER		W/W	6.3	6.6	7.6	7.7
Cooling Energy Rate			A++	A++	A++	A++
SCOP	Average	W/W	4.0	4.0	3.8	3.8
Heating Energy Rate			A+	A+	A	A
Tbiv		℃	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15

Specification - R410A Vertu Plus

Model NO.	Indoor Unit		MSVPAU-09HRFN1-QRD0GW	MSVPBU-12HRFN1-QRD0GW	MSVPCU-18HRFN1-QRD0GW
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Cooling/Heating Capacity		Btu/h	9000/10000	12000/13000	18000/19000
		kW	2.64/2.93	3.52/3.81	5.28/5.57
Air Flow Volume		H/M/L m³/h	400/330/250	500/360/270	740/620/480
Sound Pressure Noise Level		H/M/L dB(A)	35/26/21	36/29/22	39/33/28
Sound Power Noise Level		Hi dB(A)	51	49	56
Net Dimension	Indoor	WxDxH mm	897x182x312	897x182x312	1004x205x350
Packing Dimension	Indoor	WxDxH mm	985x260x385	985x260x385	1095x290x425
Net/Gross Weight	Indoor	kg	9.5/13.1	9.9/13.6	13/17
Applicable Area		m²	12-18	16-23	24-35

Specification - R410A All Easy

Model NO.	Indoor Unit		MSAEAU-09HRFNX-QRD0GW	MSAEBU-12HRFNX-QRD0GW	MSAECU-18HRFNX-QRD0GW	MSAEDU-24HRFNX-QRD0GW
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Rated Cooling capacity		Btu/h	9000/10000	12000/13000	18000/19000	24000/26000
		kW	2.64/2.93	3.52/3.81	5.28/5.57	7.03/7.62
Air Flow Volume		H/M/L m³/h	470/360/260	470/500/300	870/770/580	1200/1080/880
Sound Pressure Noise Level		H/M/L dB(A)	40/35/28	41/40/33	45/43/34	47/45/35
Sound Power Noise Level		Hi dB(A)	53	52	59	61
Net Dimension	Indoor	WxDxH mm	716x300x193	804x300x193	964x325x222	1106x342x232
Packing Dimension	Indoor	WxDxH mm	785x375x285	875x375x285	1045x405x305	1195x420x315
Net/Gross Weight	Indoor	kg	7/9.3	7.7/10.2	10.1/13.6	13.2/17
Applicable Area		m²	12-18	16-23	24-35	32-47

Specification - R410A Forest

Model NO.	Indoor Unit		MSAFAU-09HRDN1-QRD0GW	MSAFBU-12HRDNX-QRD0GW	MSAFCU-18HRFNX-QRD0GW	MSAFDU-24HRFNX-QRD0GW
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Rated Cooling capacity		Btu/h	9000/10000	12000/13000	18000/19000	24000/25000
		kW	2.64/2.93	3.52/3.81	5.28/5.57	7.03/7.32
Air Flow Volume		H/M/L m³/h	430/320/220	430/320/220	600/450/360	1150/1070/880
Sound Pressure Noise Level		H/M/L dB(A)	39/35/27	41/36/28	43/39/32	46/40/36
Sound Power Noise Level		Hi dB(A)	52	52	57	61
Net Dimension	Indoor	WxDxH mm	715x285x194	805x285x194	957x302x213	1040x327x220
Packing Dimension	Indoor	WxDxH mm	780x360x270	870x360x270	1035x380x295	1120x405x310
Net/Gross Weight	Indoor	kg	6.8/8.9	7.2/9.6	9.5/12.5	11.9/15.2
Applicable Area		m²	12-18	16-23	23-34	32-47

Remark:

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Free Match Indoor Units

Specification - R410A Aurora

Model NO.	Indoor Unit		MSABAU-09HRFNX-QRD0GW	MSABBU-12HRFNX-QRD0GW	MSABDU-18HRFNX-QRD0GW	MSABEU-24HRFNX-QRD0GW
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Rated Cooling capacity		Btu/h	9000/10000	12000/13000	18000/19000	24000/25000
		kW	2.64/2.93	3.52/3.81	5.28/5.57	7.03/7.32
Air Flow Volume		H/M/L m³/h	420/310/240	520/460/270	750/500/420	1060/830/610
Sound Pressure Noise Level		H/M/L dB(A)	37/33/23	39/34/24	42/34/29	48/43/32
Sound Power Noise Level		Hi dB(A)	52	52	57	61
Net Dimension	Indoor	WxDxH mm	722x187x290	802x189x297	965x215x319	1080x226x335
Packing Dimension	Indoor	WxDxH mm	790x270x370	875x285x375	1045x305x405	1155x415x315
Net/Gross Weight	Indoor	kg	7.4/9.6	8.2/10.7	10.7/14	13/16.6
Applicable Area		m²	12-18	16-23	24-35	32-47

Specification - R410A Compact Round Flow Cassette

Model NO.	Indoor Unit		MCA3I-09HRFNX-QRD0			
Performance						
Combination			9+9	9+9+9	9+9+9+9	9+9+9+9+9
Cooling/Heating Capacity		Btu/h	18000/19000	27000/28000	36000/38000	42000/42000
		kW	5.2/5.6	7.9/8.2	10.5/11.1	12.3/12.3
SEER	Average	W/W	6.1	6.1	5.9	5.6
Cooling Energy Rate			A++	A++	A+	A+
SCOP	Average	W/W	4.0	4.0	3.8	3.8
Heating Energy Rate			A+	A+	A	A
Tbiv		℃	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15

Model NO.	Indoor Unit		MCA3I-09HRFNX-QRD0	MCA3U-12HRFNX-QRD0	MCA3U-18HRFNX-QRC8W
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Rated Cooling capacity		Btu/h	9000/10000	12000/14000	17000/19000
		kW	2.64/2.93	3.52/4.10	5.00/5.57
Air Flow Volume		H/M/L m³/h	580/500/450	650/530/450	680/560/500
Sound Pressure Noise Level		H/M/L dB(A)	39/36/33.5	41/37/34	44/42/41
Sound Power Noise Level		Hi dB(A)	53	58	56
Net Dimension	Body	WxDxH mm	570x570x260	570x570x260	570x570x260
	Panel	WxDxH mm	647x647x50	647x647x50	647x647x50
Packing Dimension	Body	WxDxH mm	655x655x290	655x655x290	655x655x290
	Panel	WxDxH mm	715x715x123	715x715x123	715x715x123
Net/Gross Weight	Body	kg	14.5/17.3	16/19	16.1/18.9
	Panel	kg	2.5/4.5	2.5/4.5	2.5/4.5
Applicable Area		m²	12-18	16-23	23-34

Remark:

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

Free Match Indoor Units

Specification - R410A A6 Duct

Model NO.	Indoor Unit		MTII-07HWFN1-QRD0			MTBI-09HWFN1-QRD0			
Performance									
Combination			7+7	7+7+7	7+7+7+7	9+9	9+9+9	9+9+9+9	9+9+9+9+9
Cooling/Heating Capacity		Btu/h	14000/15000	21000/22500	28000/30000	18000/19000	27000/28000	36000/38000	42000/42000
		kW	4.1/4.4	6.1/6.6	8.2/8.8	5.2/5.6	7.9/8.2	10.5/11.1	12.3/12.3
SEER	Average	W/W	5.9	6.1	6.1	6.1	6.1	6.9	6.4
Cooling Energy Rate			A+	A++	A++	A++	A++	A++	A++
SCOP	Average	W/W	3.8	3.8	3.8	3.8	3.8	3.8	3.5
Heating Energy Rate			A	A	A	A	A	A	A
Tbiv		℃	-7	-7	-7	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15	-15	-15	-15

Model NO.	Indoor Unit		MTII-07HWFN1-QRD0	MTII-09HWFN1-QRD0	MTIU-12HWFN1-QRD0W
Performance					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Cooling Capacity		Btu/h	7000/8000	9000/10000	12000/13000
		kW	2.05/2.34	2.64/2.93	3.52/3.81
Air Flow Volume		H/M/L m³/h	680/580/450	680/580/450	680/580/450
Sound Pressure Noise Level		H/M/L dB(A)	42/38/35	42/38/35	42/38/35
Sound Power Noise Level		Hi dB(A)	54	54	54
Static Pressure		Pa	0-60	0-60	0-60
Net Dimension	Indoor	WxDxH mm	700x450x200	700x450x200	700x450x200
Packing Dimension	Indoor	WxDxH mm	860x540x275	860x540x275	860x540x275
Net/Gross Weight	Indoor	kg	17.8/22	17.8/22	17.8/22
Applicable Area		m²	10-15	12-18	16-23

Specification - R410A Console

Model NO.	Indoor Unit		MFAU-12HRFN1-QRC8W
Performance			
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph
Cooling Capacity		Btu/h	12000/13000
		kW	3.52/3.81
Air Flow Volume		H/M/L m³/h	550/470/360
Sound Pressure Noise Level		H/M/L dB(A)	47/41/35
Sound Power Noise Level		Hi dB(A)	58
Net Dimension	Indoor	WxDxH mm	700x600x210
Packing Dimension	Indoor	WxDxH mm	810x710x305
Net/Gross Weight	Indoor	kg	15/20
Applicable Area		m²	16-23

Remark:

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Free Match Indoor Units

Specification - R32 Aurora

Model NO.	Indoor Unit		MSABAU-09HRFNX-QRD0GW			
Performance						
Combination			9+9	9+9+9	9+9+9+9	9+9+9+9+9
Cooling Capacity		Btu/h	18000/19000	27000/28000	36000/38000	42000/42000
		kW	5.3/5.6	7.9/8.2	10.5/11.1	12.3/12.3
SEER		W/W	6.8	6.5	6.1	6.1
Cooling Energy Rate			A++	A++	A++	A++
SCOP	Average	W/W	4.0	4.0	3.8	3.8
Heating Energy Rate			A+	A+	A	A
Tbiv		℃	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15

Model NO.	Indoor Unit		MSABAU-09HRFNX-QRD0GW	MSABBU-12HRFNX-QRD0GW	MSABDU-18HRFNX-QRD0GW	MSABEU-24HRFNX-QRD0GW
Performance						
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Rated Cooling capacity		Btu/h	9000/10000	12000/13000	18000/19000	24000/25000
		kW	2.64/2.93	3.52/3.81	5.28/5.57	7.03/7.32
Air Flow Volume		H/M/L m³/h	420/310/240	520/460/270	750/510/430	1050/960/590
Sound Pressure Noise Level		H/M/L dB(A)	37/33/23	39/34/24	42/33/27	46/40/30
Sound Power Noise Level		Hi dB(A)	52	52	57	60
Net Dimension	Indoor	WxDxH mm	722x187x290	802x189x297	965x215x319	1080x226x335
Packing Dimension	Indoor	WxDxH mm	790x270x370	875x285x375	1045x305x405	1155x415x315
Net/Gross Weight	Indoor	kg	7.4/9.6	8.2/10.7	9/12.2	12/15.2
Applicable Area		m²	12-18	16-23	24-35	32-47

Specification - R32 Compact Round Flow Cassette

Model NO.	Indoor Unit		MCA3I-09HRFN8-QRD0			
Performance						
Combination			9+9	9+9+9	9+9+9+9	9+9+9+9+9
Cooling Capacity		Btu/h	18000/19000	27000/28000	36000/38000	42000/42000
		kW	5.2/5.6	7.9/8.2	10.5/11.1	12.3/12.3
SEER		W/W	6.1	6.1	5.6	5.6
Cooling Energy Rate			A++	A++	A+	A+
SCOP	Average	W/W	4.0	4.0	3.8	3.8
Heating Energy Rate			A+	A+	A	A
Tbiv		℃	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15

Model NO.	Indoor Unit			MCA3I-09HRFNX-QRD0	MCA3U-12HRFNX-QRD0	MCA3U-18HRFNX-QRC8W
Performance						
Power Supply			V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Rated Cooling capacity			Btu/h	9000/10000	12000/14000	17000/19000
			kW	2.64/2.93	3.52/4.10	5.00/5.57
Air Flow Volume			H/M/L m³/h	580/500/450	650/530/450	680/560/500
Sound Pressure Noise Level			H/M/L dB(A)	39/36/33.5	41/37/34	44/42/41
Sound Power Noise Level			Hi dB(A)	53	58	56
Net Dimension		Body	WxDxH mm	570x570x260	570x570x260	570x570x260
		Panel	WxDxH mm	647x647x50	647x647x50	647x647x50
Packing Dimension		Body	WxDxH mm	655x655x290	655x655x290	655x655x290
		Panel	WxDxH mm	715x715x123	715x715x123	715x715x123
Net/Gross Weight		Body	kg	14.7/19.3	16/19	16.1/18.9
		Panel	kg	2.5/4.5	2.5/4.5	2.5/4.5
Applicable Area			m²	12-18	16-23	23-34

Remark:

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PB Portable

Standard Features

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

Optional Features

- Follow Me
- Ionizer
- Auxiliary Electric Heater

OUTSTANDING FEATURES

PB Portable



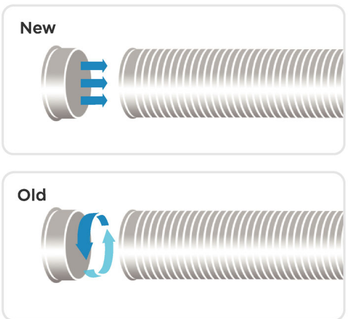
More Powerful Cooling

PB portable air conditioner can be more suitable for larger area of space such as the living room. Higher cooling capacity and more power air flow can also cool the space faster.



Easy Installation

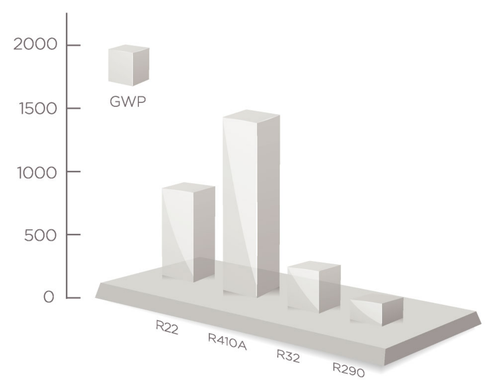
New clip design.



R290 (EU model)

R290, also known as CARE® 40, is refrigerant grade propane, a natural , or “not in kind”, refrigerant suitable for use in a range of refrigeration and air conditioning applications. It is non-toxic with zero ODP (Ozone Depletion Potential) and very low GWP (Global Warming Potential). Midea R290 portable is not only environmental friendly and safe.





PB Portable

Specification ▶

Model NO.			MPPB-14CRN7-QB6
Capacity			
Cooling/Heating Capacity		kW	3.9
Electrical Parts			
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph
Performance			
ERR		W/W	2.6
Energy Rate			A
Moisture Removal		l/h	3.74
Air Flow Volume		m^3/h	420
Sound Pressure Level	Hi Speed	dB(A)	52.5
Sound Power Level	Hi Speed	dB(A)	65
Dimension & Weight			
Net Dimension	WxDxH	mm	481x392x769
Packing Dimension	WxDxH	mm	540x500x879
Net/Gross Weight		kg	35/40
Applicable Area & Stuffing Quantity			
Stuffing Quantity	20'/40'/40'HQ	set	88/184/288

Remark:

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

PF Portable



Standard Features

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

Optional Features

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

FEATURES & SPECIFICATIONS

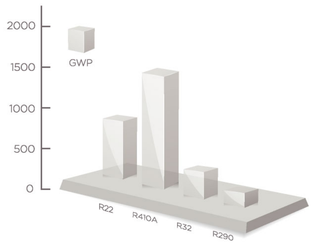
PF Portable



R290 (EU model)

R290, also known as CARE® 40, is refrigerant grade propane, a natural , or “not in kind”, refrigerant suitable for use in a range of refrigeration and air conditioning applications. It is non-toxic with zero ODP (Ozone Depletion Potential) and very low GWP (Global Warming Potential). Midea R290 portable is not only environmen–tal friendly and safe.





Follow Me

The remote control has a temperature sensor built-in to sense its surrounding temperature. The unit can adjust the room temperature more accurately and make you feel more comfortable.



PF Portable

Specification

Model NO.			MPPFB-09CRN7-QC1	MPPFB-11CRN7-QB6
Capacity				
Cooling/Heating Capacity		kW	2.6	3.2
Electrical Parts				
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Performance				
ERR		W/W	3.1	2.6
Energy Rate			A+	A
Moisture Removal		l/h	2.6	3.1
Air Flow Volume		m³/h	400	390
Sound Power Level	Hi Speed	dB(A)	65	65
Dimension & Weight				
Net Dimension	WxDxH	mm	458x365x774	458x365x774
Packing Dimension	WxDxH	mm	515x443x880	515x443x880
Net/Gross Weight		kg	31.5/35.5	32/36
Applicable Area & Stuffing Quantity				
Applicable Area		m²	12-18	15-22
Stuffing Quantity	20'/40'/40'HQ	set	114/238/355	114/238/355

Remark:

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

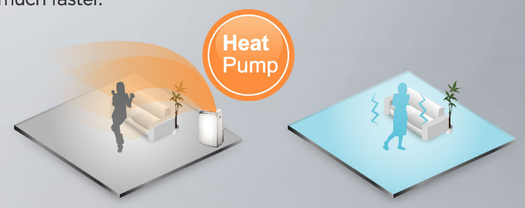


PD Portable

Heat Pump Function

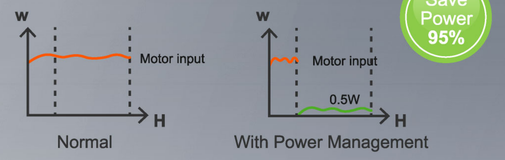
Heating pump system is an excellent alternative for the traditional electrical heating system, as the former can provide more heating capacity and is more efficient.

Moreover, thanks to the air circulating faster throughout the room, this heating system guarantees comfort hot air much faster.



Power Management

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



Standard Features

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

Optional Features

- Follow Me
- Ionizer
- Auxiliary Electric Heater

PD Portable

Specification

Model NO.			MPPD-10CRN7-QC1G1
Capacity			
Cooling/Heating Capacity		kW	2.9/-
Electrical Parts			
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph
Performance			
ERR		W/W	3.1
Energy Rate			A+
Moisture Removal		l/h	1.0
Air Flow Volume		m³/h	402
Sound Power Level	Hi Speed	dB(A)	65
Dimension & Weight			
Net Dimension	WxDxH	mm	466x397x765
Packing Dimension	WxDxH	mm	515x443x880
Net/Gross Weight		kg	31.5/35.5
Applicable Area & Stuffing Quantity			
Applicable Area		m²	13-20
Stuffing Quantity	20'/40'/40'HQ	set	114/238/356

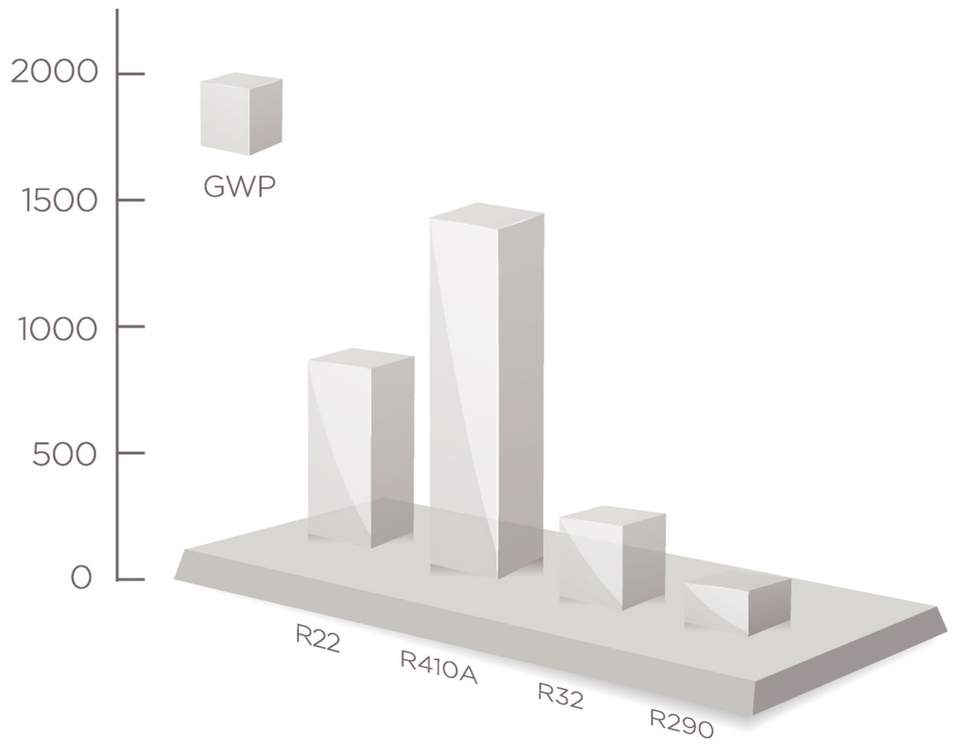
Specification - R410A

Model NO.	Indoor Unit		MSVPAU-09HRFN1-QRD0GW MSABAU-09HRFNX-QRD0GW MSAEAU-09HRFNX-QRD0GW			
Performance						
Combination			9+9	9+9+9	9+9+9+9	9+9+9+9+9
Cooling Capacity		Btu/h	18000/19000	27000/28000	36000/38000	42000/42000
		kW	5.3/5.6	7.9/8.2	10.5/11.1	12.3/12.3
SEER		W/W	6.3	6.6	7.6	7.7
Cooling Energy Rate			A++	A++	A++	A++
SCOP	Average	W/W	4.0	4.0	3.8	3.8
Heating Energy Rate			A+	A+	A	A
Tbiv		℃	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15

R290 (EU model)

R290, also known as CARE® 40, is refrigerant grade propane, a natural , or "not in kind", refrigerant suitable for use in a range of refrigeration and air conditioning applications. It is non-toxic with zero ODP (Ozone Depletion Potential) and very low GWP (Global Warming Potential). Midea R290 portable is not only environmental friendly and safe.





Remark:

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PQ Portable

Drift away in perfect silence.

Lowest at **43dB**.

Standard Features

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

Optional Features

- WIFI Control
- Ionizer
- Independent dehumidification mode

OUTSTANDING FEATURES

PQ Portable



“Silent” Technology ▸

Thanks to the acoustic camera, we analysis the different vibration source of compressor and redesign the new “silent” compressor.

1



“SILENT” COMPRESSOR
Thanks to the acoustic camera, we analysis the different vibration source of compressor and redesign the new “silent” compressor.

2



“SILENT” AIR VENTILATION SYSTEM
We redesign the new volute ventilation system. The well designed volute tongue eliminates the vortex of air, make air flow freely and decrease the noise.

3



“SILENT” PIPE SYSTEM
Thanks to structural modal analysis and harmonic response analysis, we also redesign the pipe system to improve the vibration and low frequency noisy.

Independent Dehumidification Mode (Optional) ▸

The portable air conditioner is also a dehumidifier. You can also set the relative humidity independently.



Before



After

PQ Portable

Specification ▸

Model NO.			MPPQ-09CRN1-QB6
Capacity			
Cooling/Heating Capacity		kW	2.6
Electrical Parts			
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph
Performance			
ERR		W/W	2.6
Energy Rate			A
Moisture Removal		l/h	2.65
Air Flow Volume		m^3/h	310
Sound Pressure Level	Hi Speed	dB(A)	43
Sound Power Level	Hi Speed	dB(A)	57
Dimension & Weight			
Net Dimension	WxDxH	mm	455x380x780
Packing Dimension	WxDxH	mm	535x480x885
Net/Gross Weight		kg	32.5/38.3
Applicable Area & Stuffing Quantity			
Stuffing Quantity	20'/40'/40'HQ	set	96/298/298

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



DP Dehumidifier

Standard Features

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

Optional Features

- Golden Fin
- High Density Filter

FEATURES & SPECIFICATIONS

DP Dehumidifier



Smart Dehumidifying

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



Drain Pump

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



- Cellar
- Storehouse
- Office

DP Dehumidifier

Specification

Model NO.			MDDP-30DEN1-QA3	MDDP-40DEN1-QA3	MDDP-50DEN1-QA3
Capacity					
Moisture Removal		30℃, RH80%	30	40	50
Electrical Parts					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Performance					
Air Flow Volume		m^3/h	210	345	345
Water Tank Volume		L	3	6	6
Noise Level	Hi/Lo	dB(A)	54/52	52/51	52/51
Dimension & Weight					
Net Dimension	WxDxH	mm	386x260x500	392x282x616	392x282x616
Packing Dimension	WxDxH	mm	420x297x537	427x327x657	427x327x657
Net/Gross Weight		kg	15.3/16.4	18.1/19.5	19.8/21.2
Applicable Area & Stuffing Quantity					
Applicable Area		m^2	58-73	80-95	100-115
Stuffing Quantity	20'/40'/40'HQ	set	432/884/1085	288/588/778	288/588/778

Remark:

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



DP Dehumidifier

Standard Features

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

Optional Features

- Golden Fin
- High Density Filter

FEATURES & SPECIFICATIONS

DP Dehumidifier



Smart Dehumidifying

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



Drain Pump

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



- Cellar
- Storehouse
- Office

DP Dehumidifier

Specification

Model NO.			MDDP-30DEN1-QA3	MDDP-40DEN1-QA3	MDDP-50DEN1-QA3
Capacity					
Moisture Removal		30℃, RH80%	30	40	50
Electrical Parts					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Performance					
Air Flow Volume		m^3/h	210	345	345
Water Tank Volume		L	3	6	6
Noise Level	Hi/Lo	dB(A)	54/52	52/51	52/51
Dimension & Weight					
Net Dimension	WxDxH	mm	386x260x500	392x282x616	392x282x616
Packing Dimension	WxDxH	mm	420x297x537	427x327x657	427x327x657
Net/Gross Weight		kg	15.3/16.4	18.1/19.5	19.8/21.2
Applicable Area & Stuffing Quantity					
Applicable Area		m^2	58-73	80-95	100-115
Stuffing Quantity	20'/40'/40'HQ	set	432/884/1085	288/588/778	288/588/778

Remark:

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



DG Dehumidifier

Standard Features

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

Optional Features

- Smart Dehumidification
- Dryer Mode
- Ionizer

FEATURES & SPECIFICATIONS

DG Dehumidifier



Smart Dehumidifying (Optional)

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



Dryer Mode (Optional)

Intelligent dryer mode to dry up clothes quickly.



DG Dehumidifier

Specification

Model NO.			MDDG3-30DEN1-QA3
Capacity			
Moisture Removal		30℃, RH80%	30
Electrical Parts			
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph
Performance			
Air Flow Volume		m^3/h	225
Water Tank Volume		L	5
Noise Level	Hi/Lo	dB(A)	48/45
Dimension & Weight			
Net Dimension	WxDxH	mm	400x254x620
Packing Dimension	WxDxH	mm	457x369x662
Net/Gross Weight		kg	17.3/19.8
Applicable Area & Stuffing Quantity			
Applicable Area		m^2	58-73
Stuffing Quantity	20'/40'/40'HQ	set	234/486/642

Remark:

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



DF Dehumidifier

Standard Features

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

Optional Features

- Smart Dehumidification
- Dryer Mode
- Ionizer

FEATURES & SPECIFICATIONS

DF Dehumidifier



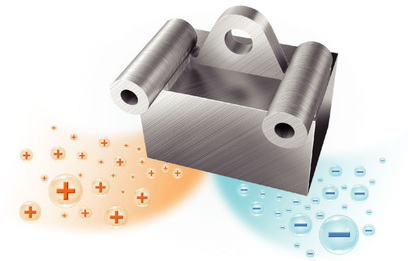
Turbo

With this function, Midea dehumidifier will maximize air flow, making the room dehumidify rapidly.



Super Ionizer

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



DF Dehumidifier

Specification

Model NO.			MDDF-16DEN3-QA3	MDDF-20DEN3-QA3
Capacity				
Moisture Removal		30℃, RH80%	16	20
Electrical Parts				
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Performance				
Air Flow Volume		m^3/h	170/150	170/150
Water Tank Volume		L	3	3
Noise Level	Hi/Lo	dB(A)	48/45	48/45
Dimension & Weight				
Net Dimension	WxDxH	mm	350x245x510	350x245x510
Packing Dimension	WxDxH	mm	380x298x532	380x298x532
Net/Gross Weight		kg	14/15.1	14.4/15.6
Applicable Area & Stuffing Quantity				
Applicable Area		m^2	29-44	37-52
Stuffing Quantity	20'/40'/40'HQ	set	464/988/1193	464/988/1193

Remark:

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



DT Dehumidifier

Standard Features

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

FEATURES & SPECIFICATIONS

DT Dehumidifier



Quiet Design

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



Timer

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



DT Dehumidifier

Specification

Model NO.			MDDT-08DEN3-QA3	MDDT-10DEN3-QA3	MDDT-12DEN3-QA3
Capacity					
Moisture Removal		30℃, RH80%	8	10	12
Electrical Parts					
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Performance					
Air Flow Volume		m^3/h	120	120	120
Water Tank Volume		L	2	2	2
Noise Level	Hi/Lo	dB(A)	43/40	43/40	44/40
Dimension & Weight					
Net Dimension	WxDxH	mm	308x247x456	308x247x456	308x247x456
Packing Dimension	WxDxH	mm	347x277x527	347x277x527	347x277x527
Net/Gross Weight		kg	11.2/12.5	11.2/12.5	11/12
Applicable Area & Stuffing Quantity					
Applicable Area		m^2	12-27	16-31	20-35
Stuffing Quantity	20'/40'/40'HQ	set	552/1120/1390	552/1120/1390	552/1120/1390

Remark:

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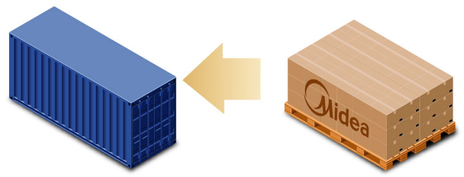
FEATURES & SPECIFICATIONS

DN Dehumidifier



Substantial Loading Quantity

Up to **1750** Units per 40HQ



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.



DN Dehumidifier

Specification

Model NO.			MDDN-10DEN3-QA3	MDDN-12DEN3-QA3
Capacity				
Moisture Removal		30℃, RH80%	10	12
Electrical Parts				
Power Supply		V~,Hz,Ph	220-240V-50HZ,1PH	220-240V-50HZ,1PH
Performance				
Air Flow Volume		m^3/h	105	110
Water Tank Volume		L	2.1	2.1
Noise Level	Hi/Lo	dB(A)	43	45
Dimension & Weight				
Net Dimension	WxDxH	mm	320x205x415	320x205x415
Packing Dimension	WxDxH	mm	360x253x440	360x253x440
Net/Gross Weight		kg	11.0/11.8	11.2/12.0
Applicable Area & Stuffing Quantity				
Applicable Area		m^2	16-31	20-35
Stuffing Quantity	20'/40'/40'HQ	set	680/1400/1750	680/1400/1750

Remark:

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



E Window

Standard Features

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

Window

Specification - 3D DC Inverter ▶

Model NO.			MWE2-09CRDN8-QRE1	MWE2-12CRDN8-QRE1
Performance				
Power Supply		V~,Hz,Ph	220-240V~50Hz ,1Ph	220-240V~50Hz ,1Ph
Inveter Type			3D DC	3D DC
Cooling/Heating Capacity	Rated(Min-Max)	Btu/h	9500(1700-11000)	13000(1700-14600)
	Rated(Min-Max)	kW	2.78(0.5-3.3)	3.81(0.5-4.3)
SEER		W/W	5.1	5.1
Cooling Energy Rate			A	A
Dimension & Weight				
Air Flow Volume		m^3/h	360	360
Sound Pressure Noise Level	H/M/L	dB(A)	51/50/48.5	53/51.5/50.5
Sound Power Noise Level	Hi	dB(A)	60	60
Net Dimension	WxDxH	mm	560x670x400	560x670x400
Packing Dimension	WxDxH	mm	620x770x440	620x770x440
Net/Gross Weight		kg	42/46.1	43.6/47.8
Applicable Area & Stuffing Quantity				
Applicable Area		m^2	12-18	16-23
Stuffing Quantity	20'/40'/40'HQ	set	135/285/340	135/285/340

Remark:

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

GA Floor Standing



Standard Features

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

Optional Features

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

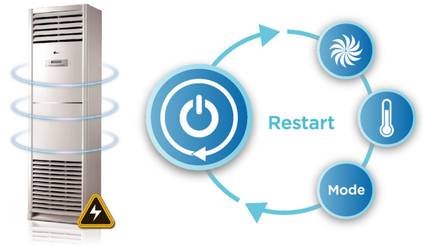
OUTSTANDING FEATURES

GA Floor Standing



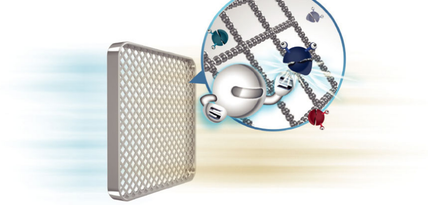
Auto-Restart

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



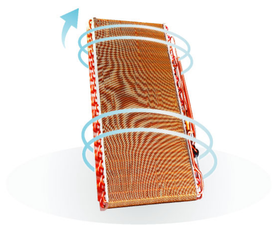
Silver Ion Filter(Optional)

Sterilize bacteria effectively by decomposing cell wall of bacteria.



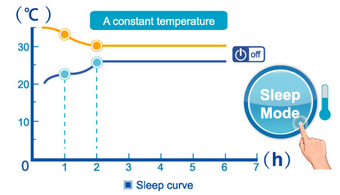
Golden Fin

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



Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrase 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.



GA Floor Standing

Specification

Indoor Unit Outdoor Unit		MFGA-55ARFN1-RRD0(B) MOE30U-55HFN1-RRD0
Performance		
Power supply	V～, Hz, Ph	380-415, 50, 3
Inverter Type		3D DC
Cooling/Heating Capacity	Btu/h	55000(17000-60000)/ 58000(18000-65000)
	kW	16.0(5.0-17.5)/17.0(5.2-19.0)
SEER (Average)	W/W	5.6
Energy Rate	Cooling	A+
SCOP(Average)	W/W	4.0
Energy Rate	Heating	A+
Tol	°C	-15
Air Flow Volume	m^3/h	2300/2050
Sound pressure	dB(A)	60/57
Sound Power Noise Level(Hi)	dB(A)	67
Dimension & Weight		
Net Dimension (mm)	W×D×H	610x390x1925
Packing Dimension (mm)	W×D×H	2040x745x545
Net/Gross Weight	kg	62 / 81
Applicable area & Stuffing Quantity		
Applicable Area	m^2	73-107
Stuffing Quantity (Set)	20'/40'/40'HQ	33/69/80

Remark:

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Icons Guide

Energy Saving

ECO
Midea new energy-saving AC apply innovative ECO Mode, by pressing this button, AC will run into a 8-hour saving mode which cuts 60% energy off against normal mode.

Intelligent Eye Detector
With the build-in infrared sensor, the indoor unit detects human movement. The AC will turn off if you leave the room for 30 minutes and turn on when you come back, which helps saving energy.

1W Standby
Intelligent on-off technology enables Midea products automatically enter energy-saving mode when standby, cut energy consumption from normal 5W to 1W or 0.5 W per hour which counts 80%-90% of saving.

Sleep Mode
The function enables the air conditioner to automatically increase cooling or decrease heating 1℃ 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
This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly.

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

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

12 Grades Indoor Fan Speeds
Up to 12 grades indoor fan speeds, ensure more accurate control and bring more comfortable air flow.

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

Anti-cold Air Function
Indoor fan speed is regulated automatically from the lowest grade to the setting grade according to evaporator temperature when the unit just starts heating operation. This function can prevent cold air blowing out to avoid discomfort to the users.

Temperature Compensation
The temperature sensed by indoor unit is always different from the actual floor temperature due to different installation heights of indoor unit. This function can revise this temperature difference to make a more accurate temperature control.

8℃ 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
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.

VC 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
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.

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

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.

Icons Guide

Convenience

Manual ON/OFF

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

Digital Display

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

Remote In Engineer Mode

Main Functions can be changed by modifying programs of remote controller, you can design your most comfortable settings and delete those you don' t need.

Front Desk Control

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

Wired Control

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

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

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.

TransparentWater 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.