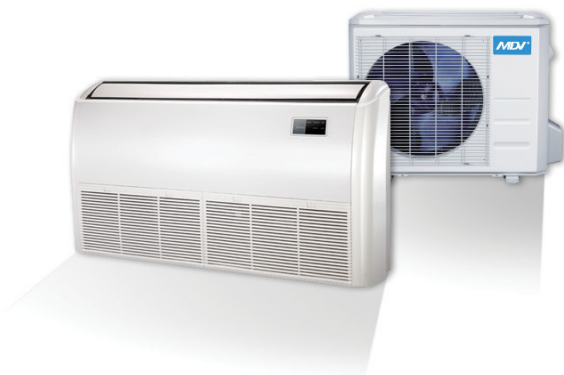




MIDV



**2018 RESIDENTIAL
AIR CONDITIONER**

Product Superiority

Manufacture Strength ▶

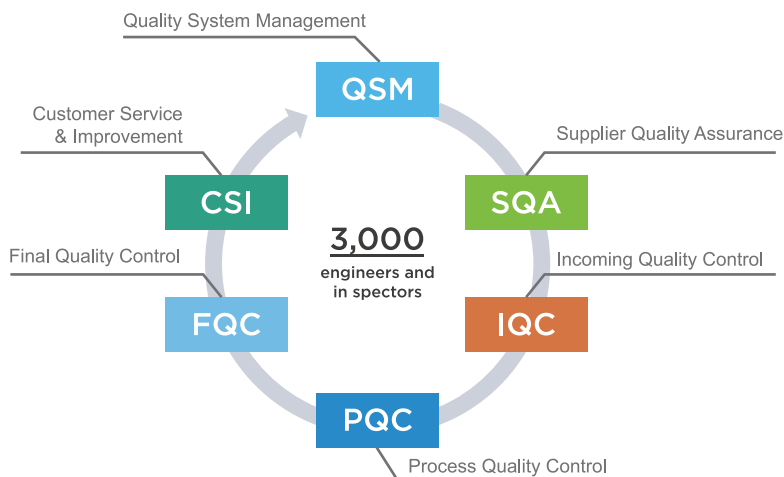
Owning 6 domestic and 5 overseas manufacturing bases, MDV has full range RAC products with the annual production capacity over 33 million sets, while equipped with China's largest and most advanced CKD&SKD production line.



RAC products line up

Quality Assurance ▶

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



R&D Superiority

R&D Institute ▶

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



R&D Team ▶

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



Technology Labs ▶

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



Noise testing lab

Leading Technology

ECO Mode ▶

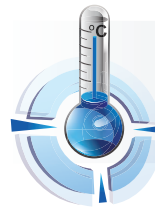
MDV new energy-saving AC applies innovative ECO Mode, giving you a 60% power saving and a comfortable sleep.



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



0.1HZ low frequency eliminates high frequency electromagnetic noise



0.1HZ precise temperature control gives ultra comfortable indoor environment.

New Refrigerant R32/R290 ▶

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



- Environmental Friendly

ODP=0, NO harm to the Ozone Layer.
Low GWP and less charge make less greenhouse effect.

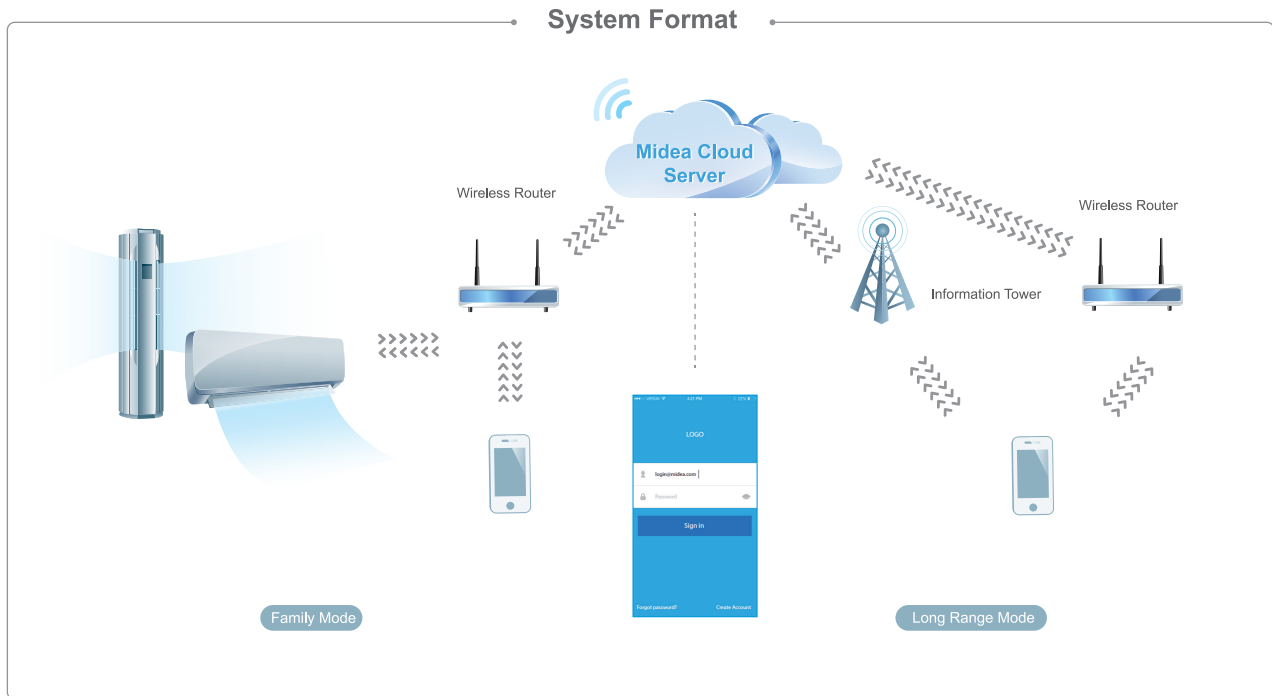
- Energy Saving

Test result shows the energy efficiency of R32 and R290 system is up to 2%~9% higher than that R410A system.



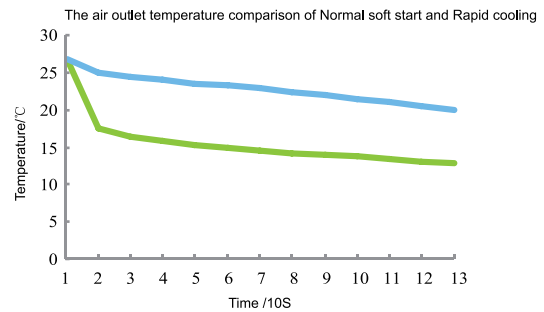
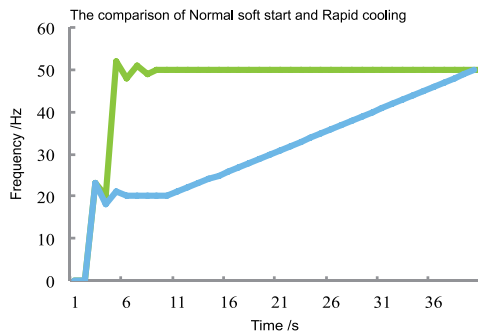
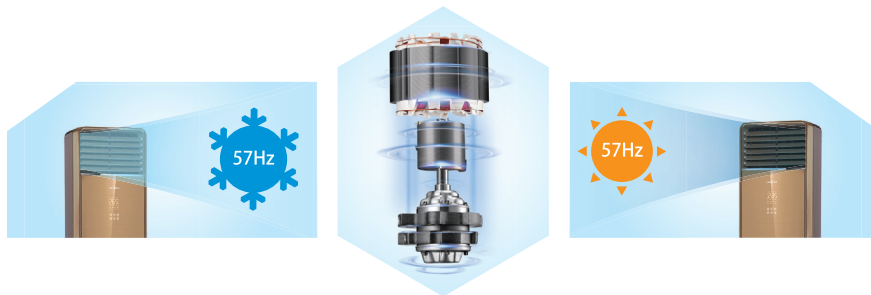
M-Smart Solution ▶

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



Rapid Cooling and Heating ▶

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



— Normal soft start
— Rapid cooling

— Tem. of Normal soft start
— Tem. of Rapid cooling

*Source from MDV China base testing lab

Leading Technology

Tropical Compressor ▶

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

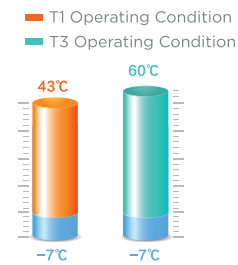
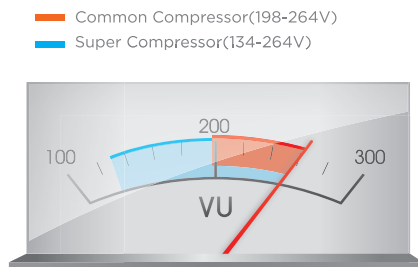


■ Lowest to 134V Operating

Suitable for unstable power supply areas.

■ Up to 60°C Running

Suitable for T3 operating condition.



Auto Photosensitive Display ▶

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



Sensitive to the light intensity



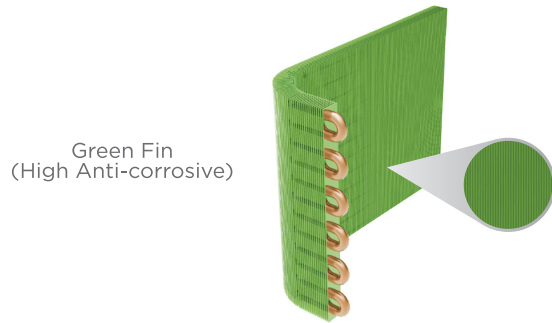
Analyze room environment after light is turned off



Soften down airflow and dim the display

Green Fin (High Anti-corrosive) ▶

■ Suitable for Humid and Coastal Areas



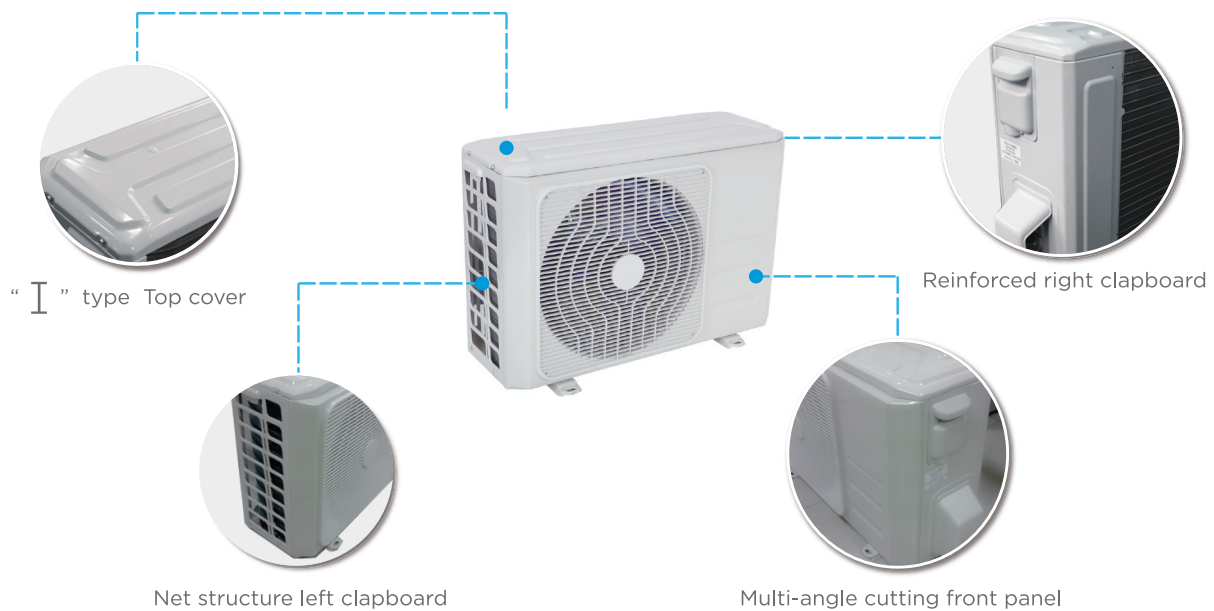
■ Excellent Anti-corrosive Performance

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



Midea New ODU Appearance - Multi-angle Cutting Structure ▶

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



Find

the air conditioner that's best for you ►

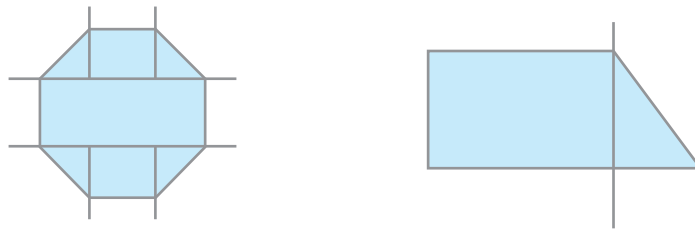
Many people buy an air conditioner that is too large, thinking it will provide better cooling. However, an oversized air conditioner is actually less effective — and wastes energy at the same time. Air conditioners remove both heat and humidity from the air. If the unit is too large, it will cool the room quickly, but only remove some of the humidity. This leaves the room with a damp, clammy feeling. A properly sized unit will remove humidity effectively as it cools.

To figure out which size unit is best for your cooling needs:

1. Determine the square footage of the area to be cooled using the following formulas:

- For square and rectangular rooms, multiply the length of the area by its width
- For a triangular area, multiply the length of the area by the width and divide by 2

Most rooms can be further divided into these basic shapes to determine the square footage.



* If the shape of your room is other than square or rectangular, ask your sales associate to help you determine the square footage.

2. Using the square footage and the chart on the right side, determine the correct cooling capacity. Cooling capacity is measured in British thermal units (BTUs) per hour.

3. Make any adjustments for the following circumstances:

- If the room is heavily shaded, reduce capacity by 10 percent.
- If the room is very sunny, increase capacity by 10 percent.
- If more than two people regularly occupy the room, add 600 BTUs for each additional person.
- If the unit is used in a kitchen, increase capacity by 4,000 BTUs.
- Consider where you install the unit. If you are mounting an air conditioner near the corner of a room, look for a unit that can send the airflow in the right direction.

1
Measure

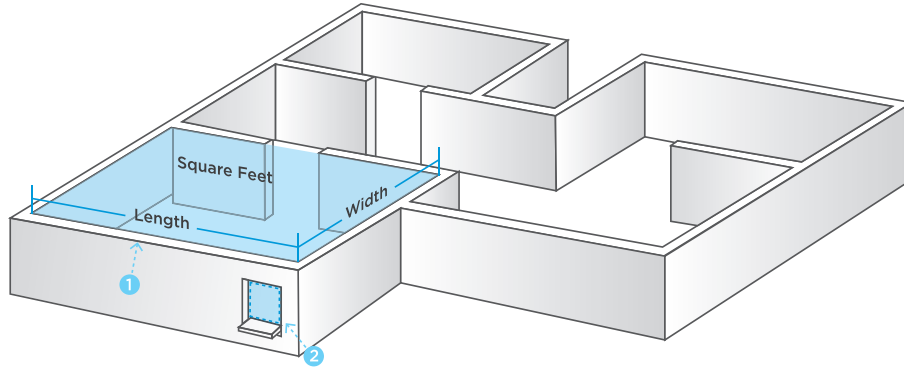
Measure
your room dimensions:
Length x Width=Square Feet

2
Choose

Choose
recommended BTU size from the chart below:

3
Adjust

Adjust
according to your need



Capacity Needed (BTUs per hour)	Area To Be Cooled (square feet) For Room Air Conditioner	Area To Be Cooled (square feet) For Split, Light Commercial, PTAC _(PTHP)
5,000	100 up to 150	79 up to 131
6,000	150 up to 250	95 up to 158
7,000	250 up to 300	110 up to 184
8,000	300 up to 350	126 up to 210
9,000	350 up to 400	142 up to 237
10,000	400 up to 450	158 up to 263
12,000	450 up to 550	189 up to 315
14,000	550 up to 700	221 up to 368
18,000	700 up to 1,000	284 up to 473
21,000	1,000 up to 1,200	331 up to 552
23,000	1,200 up to 1,400	363 up to 605
24,000	1,400 up to 1,500	379 up to 631
30,000	1,500 up to 2,000	473 up to 789
34,000	2,000 up to 2,500	536 up to 894
36,000	—	568 up to 946




*Data from EPA website.

*Data from Midea standard.




Line-up 2018






Solar Inverter

Product	Appearance	Type	12000Btu/h	Page
Aurora		DC Inverter	●	P17-18
Compact Round Flow Cassette		DC Inverter	●	P22-23
Duct		DC Inverter	●	P38-40





Split

Series	Appearance	Type	9000Btu/h	12000Btu/h	18000Btu/h	24000Btu/h	36000Btu/h	Page
Aurora		DC Inverter	●	●	●	●	●	P17-18

Light Commercial

Series	Appearance	Type	9000Btu/h	12000Btu/h	18000Btu/h	24000Btu/h	36000Btu/h	48000Btu/h	Page
Universal Outdoor Units		DC Inverter			●	●	●	●	P39-40
Compact Round Flow Cassette		DC Inverter	●	●	●				P22-23
Super Slim Round Flow Cassette		DC Inverter				●	●	●	P25-26
3rd Generation Ceiling & Floor		DC Inverter			●	●	●	●	P29-30
Duct		DC Inverter	●	●	●	●	●	●	P39-40

Multizone

Series	Appearance	Type	18000Btu/h	27000Btu/h	36000Btu/h	45000Btu/h	Page
1 Drive 2		DC Inverter	●				P33-35
1 Drive 3		DC Inverter		●			P33-35
1 Drive 4		DC Inverter			●		P33-35
1 Drive 5		DC Inverter				●	P33-35



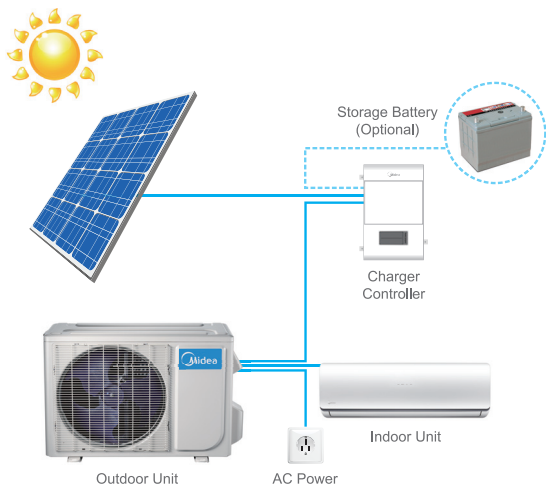
Solar Inverter Air Conditioner

OUTSTANDING FEATURES

Solar Inverter Air Conditioner

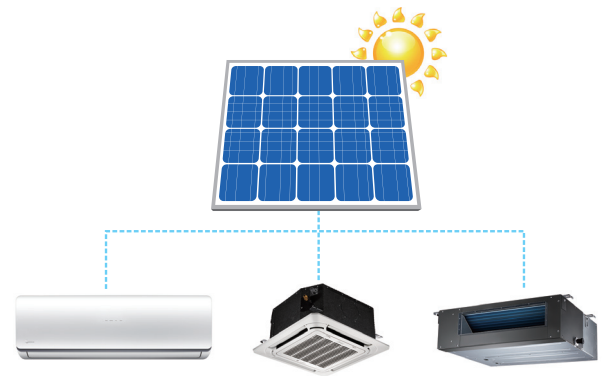


How it works ▶



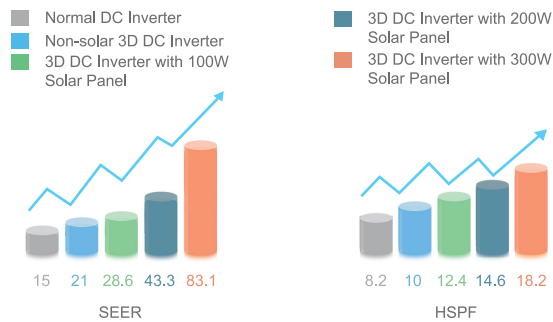
Multiple Choice for Indoor Units ▶

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



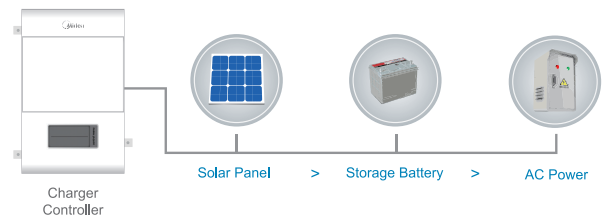
Energy Saving ▶

Energy efficiency of solar AC gets great improvement, its SEER is up to 83.1 and HSPF is up to 18.2.



Smart Controller ▶

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



Solar Inverter

Solar Inverter-Outdoor Unit ▶



DC Inverter

Model NO.		MOC-12HRFNI-MV0SW
Power Supply	V~,Hz,Ph	208-230, 60, 1
Minimum Circuit Ampacity	A	9
Maximum Fuse	A	15
Air Flow Volume	CFM	1180
Noise Level	dB(A)	57
Net Dimension	mm(WxDxH)	810x310x558
	inch(WxDxH)	31.9x12.2x22.0
Packing Dimension	mm(WxDxH)	930x400x615
	inch(WxDxH)	36.6x15.8x24.2
Net / Gross Weight	Kg	37 / 39.8
	lbs	81.6 / 87.7
Stuffing Quantity	set	288/216/102

Specification_Indoor Units ▶



DC Inverter

Model NO.		MS11M-12HRFNI-MV0SW
Performance		
Power Supply	V~,Hz,Ph	208-230, 60, 1
Cooling/Heating Capacity	Btu/h	11500/13000
	SEER/HSPF4 Btu/w	21/10
Minimum Circuit Ampacity	A	9
Maximum Fuse	A	15
Energy Rate		Energy star
External Static Pressure	Rated Pa	-
	Range Pa	-
Air Flow Volume	H/M/L CFM	410/340/285
Noise Level	H/M/L dB(A)	43/36/31
Body Dimension & Weight		
Net Dimension	WxDxH mm	835x198x280
	WxDxH inch	32.9x7.8x11.0
Packing Dimension	WxDxH mm	910x270x355
	WxDxH inch	35.9x10.7x14.0
Net / Gross Weight	kg	8.7 / 11.2
	lbs	19.2 / 24.7
Panel Dimension & Weight		
Net Dimension	WxDxH mm	-
	WxDxH inch	-
Packing Dimension	WxDxH mm	-
	WxDxH inch	-
Net / Gross Weight	kg	-
	lbs	-
Panel Dimension & Weight		
Stuffing Quantity	20' /40' /40'HQ set	90/190/210

Remark:

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

OUTSTANDING FEATURES

Solar Inverter Air Conditioner





AURORA

Aurora Split
Midea Innovation design



FEATURES

Aurora Mini split



Elegant Appearance ▶

- Curved Design
- 88 Hidden Display
- In Mold Labelling Tech.

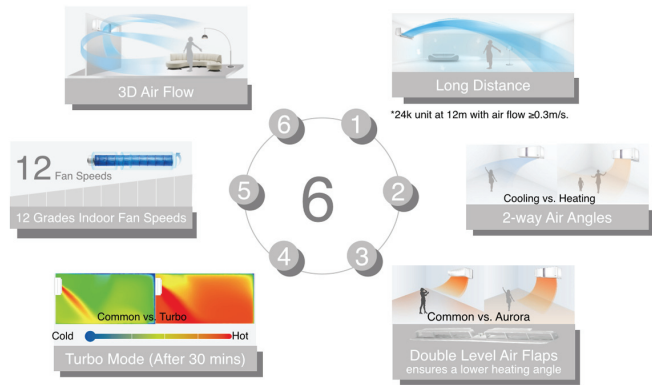
Intelligent Comfort

- Smart Inverter
- Comfort Care
- Super Quiet
- Multi Controllers
- Interactive Display



Comfort Care ▶

- 6 kinds of humanization design, give you a comfort enjoy.



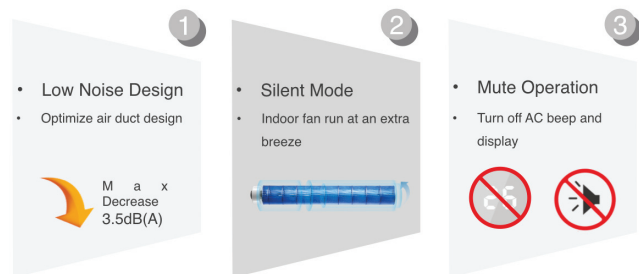
Refrigerant Leakage Detect ▶

- Detect refrigerant leakage
- Turn off automatically
- Better protect compressor



Super Quiet ▶

- As low as **25 dB(A)**
- Enjoy a quiet and comfortable sleep



Aurora Split AC for Inverter

Specifications ▶

Model		MSABB-12CRDN1-BP0W	MSABB-12CRDN1-MP0W	MSABD-18CRFN1-MQ0W	MSABE-23CRDN1-MP0W	MSABF-36HRFN1-MP0W	
Indoor		MSABB-12CRDN1-BP0W	MSABB-12CRDN1-MP0W	MSABD-18CRFN1-MQ0W	MSABE-23CRDN1-MP0W	MSABE-23CRDN1-MP0W	
Outdoor		MOBA30-12CFN1-BP0W	MOBA30-12CFN1-MP0W	MOBA30-18CFN1-MQ0W	MOCA30-23CFN1-MP0W	MOD30-36HRFN1-MP0W	
Power supply		Ph-V-Hz	115V,60Hz ,1Ph	208-230V, 1Ph,60Hz	208-230V, 1Ph,60Hz	208-230V, 60Hz ,1Ph	208-230V-60Hz ,1Ph
Cooling	Capacity	Btu/h	12000	11500	17000	22000	36000
	Input	W	1200	1037	1533	2014	4235
	Rated current	A	11.9	4.5	6.7	8.66	18.5
	EER	W/W	2.93083235638921	3.25	3.25	3.20150505663171	8.5
	SEER	WW	16	19	20	17	16
Max. current		A	20	7	11	25	35
Compressor	Model		ASN98D22UFZ	ASK89D29UEZD	ASN140D21UFZ	ATF235D22UMT	ATF250D22UMT
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
	Input	W	748	700	1085	1970	2070
	Rated current(RLA)	A	5.35	5.0	7.58	6.95	17
	Refrigerant oil/ oil charge	ml	ESTER OIL VG74-370	170	VG74 440	POE(VG74)/670	ESTER OIL VG74/670
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-20-4-10L	ZKFP-30-8-3	YKFG-45-4-13	
	Input	W	0.3	47.4	36.0	x1	
	Capacitor	uF	3	1.5	/	3	
	Speed(Hi/Mi/Lo)	r/min	1100/1000/750	≥1320	1100/800/700	1100/900/700	
Indoor air flow (Hi/Mi/Lo)		m ³ /h	476/428/291	410/330/350	900/750/600	1000/781/569	1450/1100/800
Indoor noise level (Hi/Mi/Lo)		dB(A)	39.6/-/26.1	37.5/34.5/24.5	42/34.5/30.5	47.9/-/35.4	52/44/36
Indoor unit	Dimension(W*D*H)	mm	802x189x297	802x189x297	965x215x319	1080x226x335	1259x282x362
	Packing (W*D*H)	mm	875x285x375	875x285x375	1045x305x405	1155x415x315	1340x450x380
	Net/Gross weight	Kg	8.5/11	8.2/10.8	11.4/14	13.8/17.4	19.6/25.2
Outdoor fan motor	Model		ZKFN-40-8-1L	ZKFN-40-8-1L-5	ZKFN-40-8-1L-5	ZKFN-50-8-2	
	Input	W	63/54/46	40.0	40.0	115	
	Capacitor	uF	/	0	0	/	
	Speed	r/min	/	850/700	850/700	/	
Outdoor noise level		dB(A)	53.2	51.5	53.5	58.8	63
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	770x300x555	845x363x702	946x420x810
	Packing (W*D*H)	mm	900x345x585	900x345x585	900x348x615	965x395x765	1090x500x865
	Net/Gross weight	Kg	26/28.4	24.8/27	29.9/32.8	40.2/43.4	65/69.5
Refrigerant type		Kg	R410A/590	R410A/0.53	R410A/0.9	R410A/1202	R410A/3399g
Design pressure		MPa	550/340	4.2/1.5	4.2/1.5	550/340	550/340 PSIG
Refrigerant piping	Liquid side/ Gas side)	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	25	25	30	30	65
	Max. difference in level	m	10	10	20	20	30
Thermostat type			Remote Control	遙控式(Remote Control)	遙控式(Remote Control)	Remote Control	Remote Control
Operation temperature	Indoor(cooling/ heating)	°C	17~32/---	17~32/	17~32/	17~32/	17~32/0~30
	Outdoor(cooling/heating)	°C	-15-50/---	0~50/	0~50/	-15-50/---	-15~50/-15~30
Application area (Cooling Standard)		m ²	16-23	15-22	23-33	29-43	30.6-44.9
Qty'per 20' /40' /40'HQ			105/220/242	108/225/234	87/170/203	66/138/152	36/78/99

Remark:

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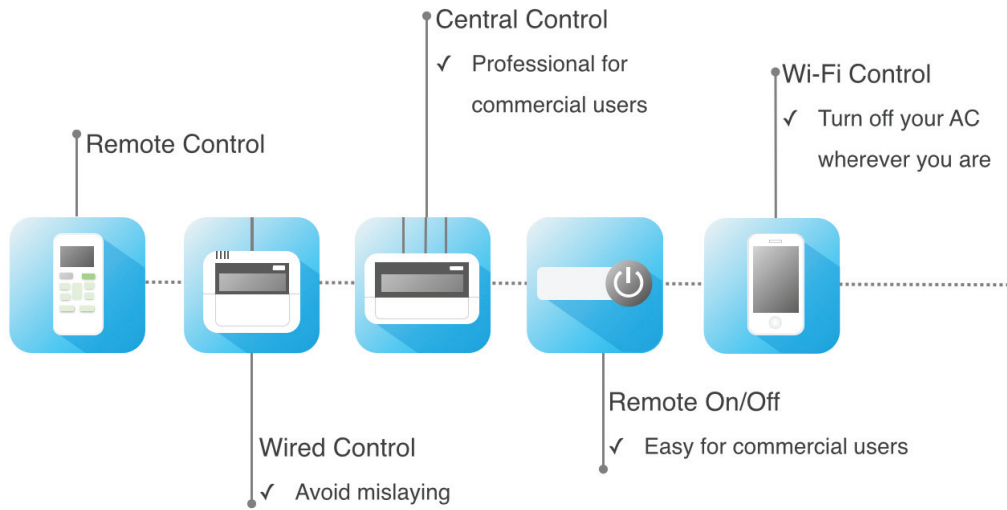
OUTSTANDING FEATURES

Aurora Mini split



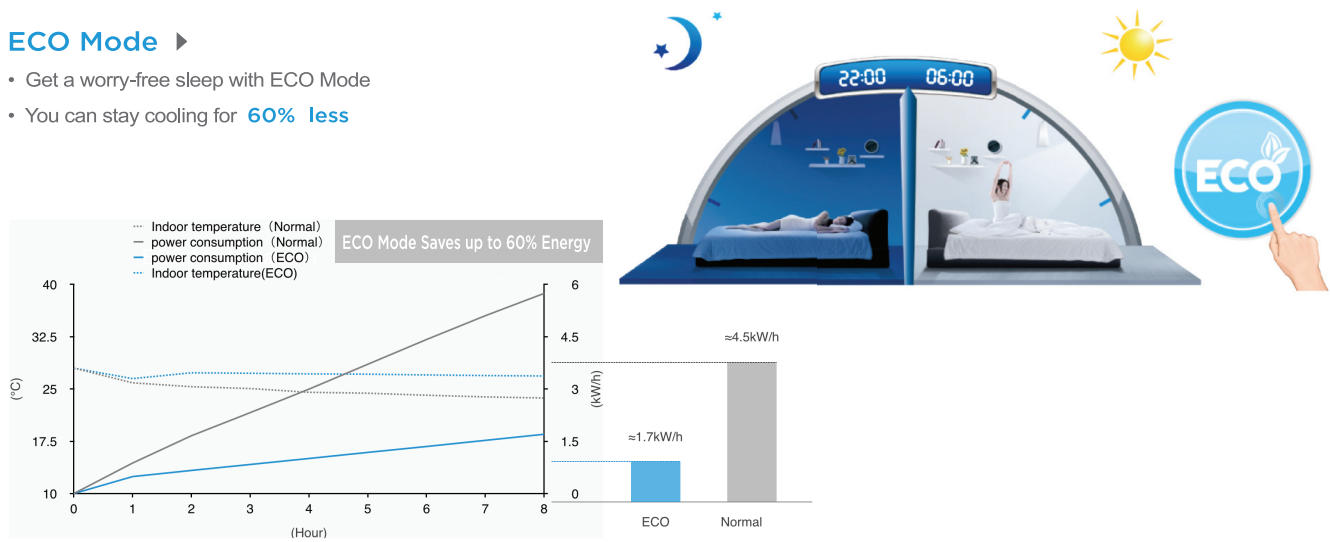
Easy Control ▶

- 5 control ways are optional.



ECO Mode ▶

- Get a worry-free sleep with ECO Mode
- You can stay cooling for **60% less**



* Test Condition: Indoor/outdoor temperature 30 °C, Setting temperature 24°C.



Compact Round Flow Cassette



Standard Features



Sleep Mode



Anti-cold Air Function



Wide-angle Air Flow



Independent Dehumidification



Auto Defrosting



Build-in Drain Pump



Auto Restart Function



Timer



Low Ambient Cooling



Wired Control

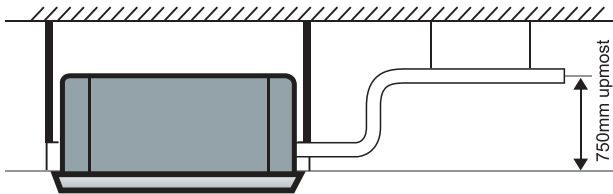
OUTSTANDING FEATURES

Compact Round Flow Cassette



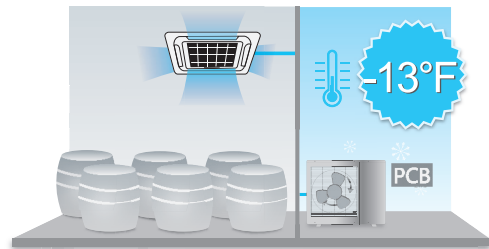
Build-in Drain Pump ▶

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



Low Ambient Cooling ▶

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condenser temperature, even when the temperature is down to -13°F .



E-box Inside ▶

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



Wired Controller ▶

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



Compact Round Flow Cassette

Light Commercial_Specification_Cassette ▶

Model NO.	Indoor Unit Outdoor Unit		CCA3U-09HRFN1-M(C) MOBA30-09HFN1-MTOW	CCA3U-12HRFN1-M(C) MOB30-12HFN1-MTOW	CCA3U-18HRFN1-M(C) MOCA31-18HFN1-MTOW
Performance					
Power Supply	V-, Hz, Ph		208-230, 60, 1	208-230, 60, 1	208-230, 60, 1
Cooling/Heating Capacity	Btu/h		9000/10000	12000/12000	18000/18000
	SEER/HSPF4		20.0/10.5	19.5/10.5	20/10.3
Air Flow Volume	Indoor	CFM(H/M/L)	374/301/257	379/309/261	560/-/-
Noise Level	Indoor	dB(A)(H/M/L)	41/37/33	43/39/36	44/39/36
Dimension & Weight					
Net Dimension	Body	mm (WxDxH)	570x570x260	570x570x260	570x570x260
	Body	inch (WxDxH)	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24
Packing Dimension	Body	mm (WxDxH)	655x655x290	655x655x290	655x655x290
	Body	inch (WxDxH)	25.79x25.79x11.42	25.79x25.79x11.42	25.79x25.79x11.42
Net / Gross Weight	Body	kg	14.5/17.3	16/18.6	16.1/18.7
	Body	lbs.	31.97/38.14	35.27/41	35.49/41.23
Net Dimension	Panel	mm (WxDxH)	647x647x50	647x647x50	647x647x50
	Panel	inch (WxDxH)	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97
Packing Dimension	Panel	mm (WxDxH)	715x715x123	715x715x123	715x715x123
	Panel	inch (WxDxH)	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84
Net / Gross Weight	Panel	kg	2.5/4.5	2.5/4.5	2.5/4.5
	Panel	lbs.	5.51/9.92	5.51/9.92	5.51/9.92
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ	Unit	234/488/566	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



Standard Features



Sleep Mode



360° Air Flow Panel



Anti-cold Air Function



Independent Dehumidification



Auto Defrosting



Build-in Drain Pump



Auto Restart Function



Low Ambient Cooling



Wired Control

OUTSTANDING FEATURES

Super Slim Round Flow Cassette



Lifting Easy-clean Panel (Optional) ▶

The removable lifting panel makes the clean process much easier.

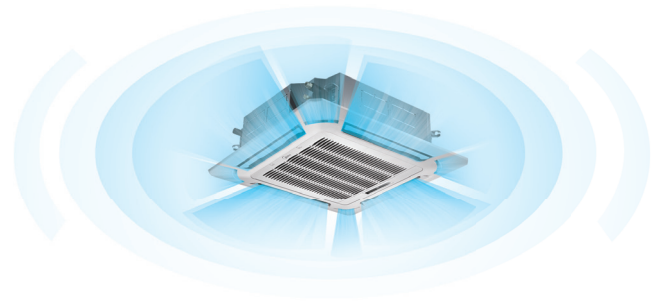


Easy Cleaning Panel

Conventional Panel

360° Air Flow Panel ▶

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

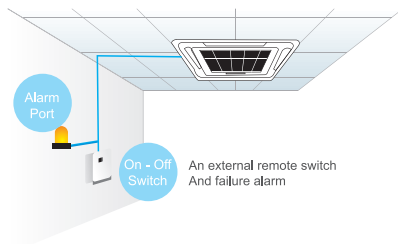


360° Air Flow Panel

Reserved ON-OFF and Alarm Ports ▶

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

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

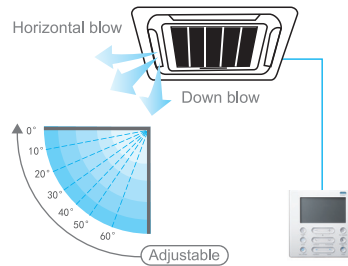


Alarm Port

On - Off Switch
An external remote switch
And failure alarm

Independent Vane Control ▶

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



Horizontal blow

Down blow

Adjustable

Super Slim Round Flow Cassette

Light Commercial_Specification_Cassette ▶

Model NO.	Indoor Unit Outdoor Unit	MCDU-24HRFN1-M(C) MOD30-24HFNI-MTOW	MCD-36HRFN1-M(C) MOD30U-36HFNI-M	MCD-48HRFN1-M(D) MOE30U-48HFNI-M
Performance				
Power Supply	V-,Hz,Ph	208-230, 60, 1	208-230, 60, 1	208-230, 60, 1
Cooling/Heating Capacity	Btu/h	24000/24400	36000/38000	48000/50000
	SEER/HSPF4	20.0/10.5	17.5/10.5	16.8/11
Air Flow Volume	Indoor CFM(H/M/L)	700/-/573	1095/-/-	1177/1030/853
	Indoor dB(A)(H/M/L)	51/47/43	55/52/49	55/52/49
Dimension & Weight				
Net Dimension	Body mm (WxDxH)	840x840x205	840x840x245	840x840x287
	Body inch (WxDxH)	33.07x33.07x8.07	33.07x33.07x9.65	33.07x33.07x11.3
Packing Dimension	Body mm (WxDxH)	900x900x225	900x900x265	900x900x292
	Body inch (WxDxH)	35.43x35.43x8.86	35.43x35.43x10.43	35.43x35.43x11.5
Net / Gross Weight	Body kg	21/24.6	26.4/30	28.7/32.9
	Body lbs.	46.3/54.23	58.2/66.14	63.27/72.53
Net Dimension	Panel mm (WxDxH)	950x950x55	950x950x55	950x950x55
	Panel inch (WxDxH)	37.4x37.4x2.17	37.4x37.4x2.17	37.4x37.4x2.17
Packing Dimension	Panel mm (WxDxH)	1035x1035x90	1035x1035x90	1035x1035x90
	Panel inch (WxDxH)	40.75x40.75x3.54	40.75x40.75x3.54	40.75x40.75x3.54
Net / Gross Weight	Panel kg	5/8	5/8	5 / 8
	Panel lbs.	11.02/17.64	11.02/17.64	11.0 / 17.6
Stuffing Quantity				
Stuffing Quantity	20'/40'/40'HQ Unit	148/312/342	128/268/294	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.



Ceiling & Floor



Standard Features



Sleep Mode



360° Air Flow Panel



Anti-cold Air Function



Independent Dehumidification



Auto Defrosting



2-way Draining



Auto Restart Function



Timer



Low Ambient Cooling

Optional Features



Healthy Filters



Fresh Air



Build-in Drain Pump



Wired Control

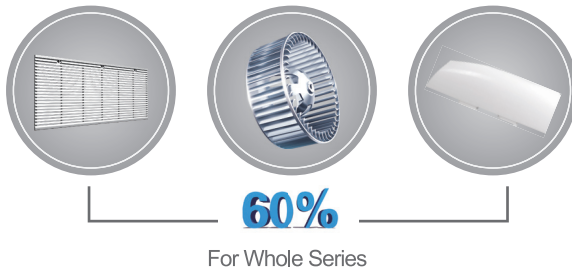


OUTSTANDING FEATURES

Ceiling & Floor

Easy Maintenance ▶

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



Fresh Air ▶

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



3D Air Flow ▶

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



Wired Controller (Optional) ▶

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



Ceiling & Floor

Light Commercial_Specification_ Ceiling&Floor ▶

Model NO.	Indoor Unit Outdoor Unit	MUEU-18HRFN1-MW(C) MOCA31-18HFN1-MTOW	MUEU-24HRFN1-M(C) MOD31-24HFN1-MTOW
Performance			
Power Supply	V-,Hz,Ph	208-230, 60, 1	208-230, 60, 1
Cooling/Heating Capacity	Btu/h	18000/18000	24000/24000
	SEER/HSPF4	19.9/10.5	20.0/11
Air Flow Volume	Indoor CFM(H/M/L)	578/-/465	759/-/-
Noise Level	Indoor dB(A)(H/M/L)	47/44/39	53/48/42
Dimension & Weight			
Net Dimension	mm (WxDxH)	1068x675x235	1068x675x235
	inch (WxDxH)	42.05x26.57x9.25	42.05x26.57x9.25
Packing Dimension	mm (WxDxH)	1145x755x313	1145x755x313
	inch (WxDxH)	45.08x29.72x12.32	45.08x29.72x12.32
Net / Gross Weight	kg	25/29.7	26.5/31.4
	lbs.	55.12/65.48	58.42/69.23
Stuffing Quantity			
Stuffing Quantity	20'/40'/40'HQ Unit	102/220/252	102/220/252

Light Commercial_Specification_ Ceiling&Floor ▶

Model NO.	Indoor Unit Outdoor Unit	MUE-36HRFN1-M(C) MOD30U-36HFN1-M	MUE-48HRFN1-M(C) MOE30U-48HFN1-M
Performance			
Power Supply	V-,Hz,Ph	208-230, 60, 1	208-230, 60, 1
Cooling/Heating Capacity	Btu/h	36000/38000	48000/49000
	SEER/HSPF4	16.0/10.0	17.8/11.0
Air Flow Volume	Indoor CFM(H/M/L)	1037/-/-	1350/1120/1000
Noise Level	Indoor dB(A)(H/M/L)	54/49/43	57/54/52
Dimension & Weight			
Net Dimension	mm (WxDxH)	1285x675x235	1650x675x235
	inch (WxDxH)	50.59x26.57x9.25	64.96x26.57x9.25
Packing Dimension	mm (WxDxH)	1360x755x313	1725x755x313
	inch (WxDxH)	53.54x29.72x12.32	67.91x29.72x12.32
Net / Gross Weight	kg	31.3/37	38/44
	lbs.	69/81.57	83.78/97
Stuffing Quantity			
Stuffing Quantity	20'/40'/40'HQ Unit	92/188/213	72/147/167

Remark:

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Light Commercial Universal Outdoor Units

Universal Outdoor_Specification ▶

Model NO.		MOBA30-09HFNI-MTOW	MOB30-12HFNI-MTOW	MOCA30-18HFNI-MTOW
Performance&Dimension				
Power Supply	V~, Hz, Ph	208-230, 60, 1	208-230, 60, 1	208-230, 60, 1
Noise Level	dB(A)	56	56.6	58.6
Net Dimension	mm(WxDxH)	770x300x555	800x333x554	845x363x702
	inch(WxDxH)	30.31x11.81x21.85	31.5x13.11x21.81	33.27x14.29x27.64
Packing Dimension	mm(WxDxH)	900x345x585	920x390x615	965x395x755
	inch(WxDxH)	35.43x13.58x23.03	36.22x15.35x24.21	37.99x15.55x29.72
Weight				
Net/ Gross weight	kg	28/30.3	34.8/37.5	43.2/46.5
	lbs.	61.7/66.8	76.7/82.7	95.2/102.5
Liquid Side	mm(inch)	6.35(1/4")	6.35(1/4")	6.35(1/4")
Gas Side	mm(inch)	9.52(3/8")	12.7(1/2")	12.7(1/2")
Max. pipe length	m	25	25	30
	ft	82	82	98
Max. height difference	m	10	10	20
	ft	33	33	66
Stuffing Quantity				
20' /40' /40'HQ	Unit	167/344/344	108/219/292	102/215/216

Universal Outdoor_Specification ▶

Model NO.		MOD30-24HFNI-MTOW	MOD30U-36HFNI-M	MOE30U-48HFNI-M
Performance&Dimension				
Power Supply	V~, Hz, Ph	208-230, 60, 1	208-230, 60, 1	208-230, 60, 1
Noise Level	dB(A)	61	64.7	66
Net Dimension	mm(WxDxH)	946x410x810	946x410x810	952x415x1333
	inch(WxDxH)	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
Packing Dimension	mm(WxDxH)	1090x500x865	1090x500x865	1095x495x1480
	inch(WxDxH)	42.91x19.69x34.06	42.91x19.69x34.06	43.11x19.49x58.27
Weight				
Net/ Gross weight	kg	62/67.4	67.4/73	98.6/111.6
	lbs.	136.7/148.6	148.59/160.94	217.4/246.0
Liquid Side	mm(inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")
Gas Side	mm(inch)	15.9(5/8")	15.9(5/8")	15.9(5/8")
Max. pipe length	m	50	65	65
	ft	164	213	213
Max. height difference	m	25	30	30
	ft	82	98	98
Stuffing Quantity				
20' /40' /40'HQ	Unit	44/96/144	44/96/144	22/48/48

Remark:

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Multizone Inverter

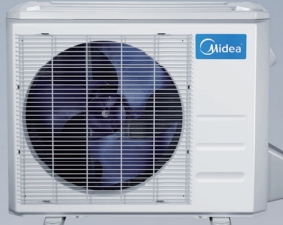
Wide Choices



18000 Btu/h



27000 Btu/h

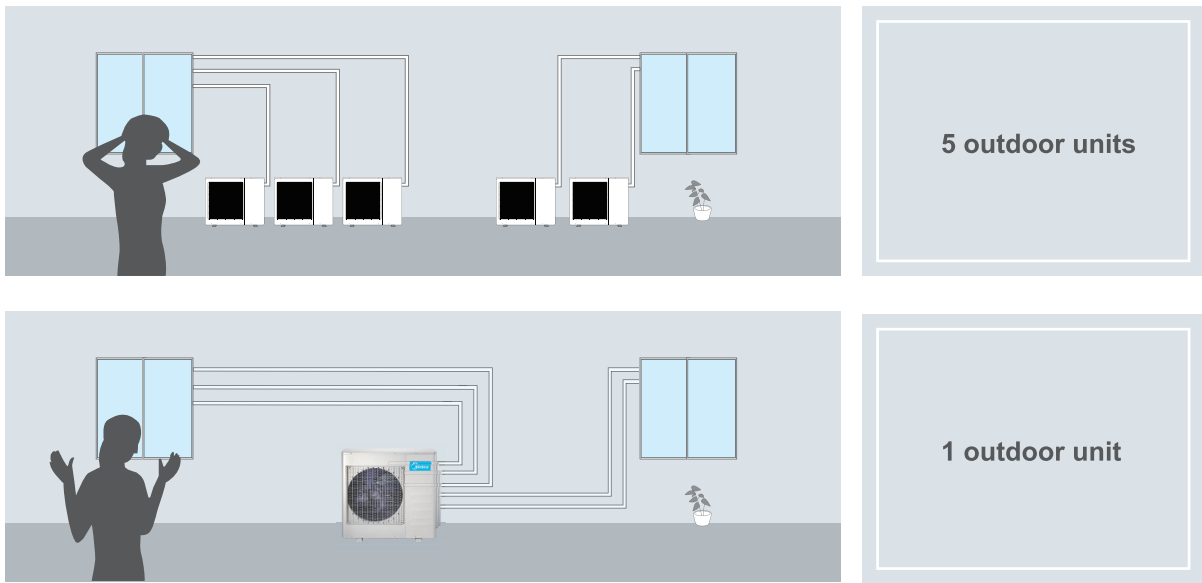


36000 Btu/h



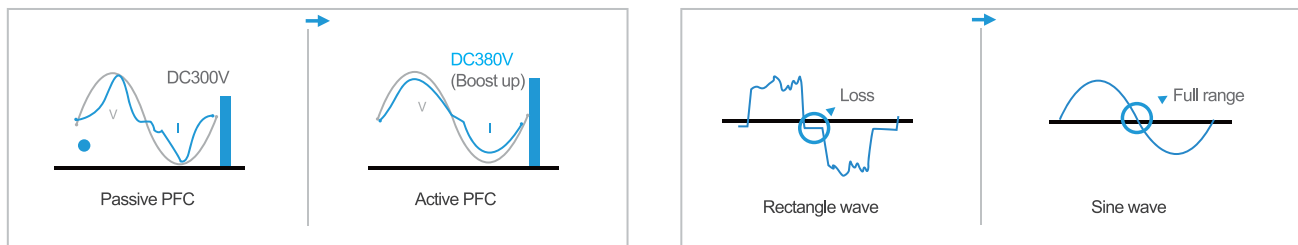
Space-saving Installation ▶

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



Energy Saving ▶

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



Multizone-Combination Table

1 Drive 2 ▶

M2OF-18HFNI-M	One Unit	Two Units
	12	9+9
		9+12
		12+12

1 Drive 3 ▶

M3OF-27HFNI-M	Two Units	Three Units
	9+9	9+9+9
	9+12	9+9+12
	9+18	9+9+18
	12+12	9+12+12
	12+18	9+12+18
	18+18	12+12+12

1 Drive 4 ▶

M4OF-36HFNI-M	Two Units	Three Units	Four Units
	9+18	9+9+9	12+12+12
		9+9+12	12+12+18
		9+9+18	12+18+18
		9+12+12	9+9+12+12
		9+12+18	9+9+12+18
		9+18+18	9+12+12+12
			12+12+12+12

1 Drive 5 ▶

M5OF-45HFNI-M	Two Units	Three Units	Four Units
	18+18	9+9+18	12+12+12
	18+24	9+9+24	12+12+18
	24+24	9+12+12	12+12+24
		9+12+18	12+18+18
		9+12+24	12+18+24
		9+18+18	12+24+24
		9+18+24	18+18+18
		9+24+24	18+18+24

1 Drive 5 ▶

M5OF-45HFNI-M	Four Units
	9+9+9+9
	9+9+9+12
	9+9+9+18
	9+9+9+24
	9+9+12+12
	9+9+12+18
	9+9+12+24
	9+18+18+18
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	9+12+18+24
	9+18+18+18
	12+12+12+12
	12+12+12+18
	12+12+12+24
	12+12+18+18

1 Drive 5 ▶

M5OF-45HFNI-M	Five Units
	9+9+9+9+9
	9+9+9+9+12
	9+9+9+9+18
	9+9+9+9+24
	9+9+9+12+12
	9+9+9+12+18
	9+9+9+12+24
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	12+12+18+18+18
	12+12+18+18+24

Remark:

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Multizone-Outdoor Units

Universal Outdoor_Specification ▶

Model	Outdoor Unit Indoor Unit	M20F-18HFN1-M	M30F-27HFN1-M
System		1 Drive 2	1 Drive 3
Performance			
Power Supply	V-,Hz,Ph	208-230, 60, 1	208-230, 60, 1
Cooling/Heating Capacity	Btu/h	18000/19000	28000/28000
	SEER/HSPF4	22.5/10.3	23.0/10.3
Noise Level	Outdoor dB(A)(H/M/L)	62.4	63.4
Dimension & Weight			
Net Dimension	mm (WxDxH)	845x363x702	946x410x810
	inch (WxDxH)	33.27x14.29x27.64	37.24x16.14x31.89
Packing Dimension	mm (WxDxH)	965x395x755	1090x500x865
	inch (WxDxH)	37.99x15.55x29.72	42.91x19.69x34.06
Net / Gross Weight	kg	48/52	68/73
	lbs.	105.82/114.64	149.91/160.94
Stuffing Quantity			
Stuffing Quantity	20'/40'/40'HQ Unit	102/215/216	44/96/144

Universal Outdoor_Specification ▶

Model	Outdoor Unit Indoor Unit	M40F-36HFN1-M	M50F-48HFN1-M
System		1 Drive 4	1 Drive 5
Performance			
Power Supply	V-,Hz,Ph	208-230, 60, 1	208-230, 60, 1
Cooling/Heating Capacity	Btu/h	36000/36000	48000/48000
	SEER/HSPF4	22.5/10.2	22.4/10.2
Noise Level	Outdoor dB(A)(H/M/L)	62.3	64
Dimension & Weight			
Net Dimension	mm (WxDxH)	946x410x810	952x415x1333
	inch (WxDxH)	37.24x16.14x31.89	37.48x16.34x52.48
Packing Dimension	mm (WxDxH)	1090x500x865	1095x495x1480
	inch (WxDxH)	42.91x19.69x34.06	43.11x19.49x58.27
Net / Gross Weight	kg	71/76	101.5/115.7
	lbs.	156.53/167.55	223.77/255.07
Stuffing Quantity			
Stuffing Quantity	20'/40'/40'HQ Unit	44/96/144	22/46/46

Multizone-Indoor Units

All Easy ▶

Model NO.	Indoor Unit	MSAEB-09HRFN1-MTOW	MSAEB-12HRFN1-MTOW	MSAEB-18HRFN1-MTOW	MSAEB-24HRFN1-MTOW
Power Supply	V-,Hz,Ph	208-230, 60, 1	208-230, 60, 1	208-230, 60, 1	208-230, 60, 1
Air Flow Volume	H/M/L CFM	340/260/205	340/260/205	595/460/355	775/715/585
Noise Level	H/M/L dB(A)	43.3/36.2/29.1	43/36.2/29.3	46.6/38.6/30.5	50/44.7/39.4
Net Dimension	mm (WxDxH)	835x198x280	835x198x280	990x218x315	1186x258x343
	inch (WxDxH)	32.9x7.8x11.0	32.9x7.8x11.0	38.98x8.58x12.4	46.69x10.16x13.39
Packing Dimension	mm (WxDxH)	910x270x355	910x270x355	1065x300x400	1265x420x340
	inch (WxDxH)	35.8x10.6x14.0	35.8x10.6x14.0	41.93x11.81x15.75	49.8x16.5x13.4
Net / Gross Weight	kg	9.0/11.5	9.0/11.5	12.2/15.8	18.2/22.8
	lbs.	19.8/25.4	19.8/25.4	26.9/34.8	40.1/50.3
Stuffing Quantity					
Stuffing Quantity	20'/40'/40'HQ Unit	340/710/810	340/710/810	225/479/528	160/340/378

Remark:

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Multizone-Indoor Units

Compact Round Flow Cassette ▶

Model NO.	Indoor Unit		CCA3U-09HRFN1-M(C)	CCA3U-12HRFN1-M(C)	CCA3U-18HRFN1-M(C)	CCA3U-24HRFN1-M(C)
Power Supply	V-,Hz,Ph		208-230, 60, 1	208-230, 60, 1	208-230, 60, 1	208-230, 60, 1
Air Flow Volume	Indoor	CFM(H/M/L)	353/-/-	338/-/-	563/-/-	820/740/590
Noise Level	Indoor	dB(A)(H/M/L)	41/39/37	41/38/35	46/43/41	51/47/43
Body Dimension & Weight						
Net Dimension	Body	mm (WxDxH)	570x570x260	570x570x260	570x570x260	840x840x205
	Body	inch (WxDxH)	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	33.07x33.07x8.07
Packing Dimension	Body	mm (WxDxH)	655x655x290	655x655x290	655x655x290	900x900x225
	Body	inch (WxDxH)	25.79x25.79x11.42	25.79x25.79x11.42	25.79x25.79x11.42	35.43x35.43x8.86
Net / Gross Weight	Body	kg	16/19	16/19	18/21	20.5/24
	Body	lbs.	35.27/41.88	35.27/41.88	39.68/46.3	45.19/52.91
Panel Dimension & Weight						
Net Dimension	Panel	mm (WxDxH)	647x647x50	647x647x50	647x647x50	950x950x55
	Panel	inch (WxDxH)	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.4x37.4x2.17
Packing Dimension	Panel	mm (WxDxH)	715x715x123	715x715x123	715x715x123	1035x1035x90
	Panel	inch (WxDxH)	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84	40.75x40.75x3.54
Net / Gross Weight	Panel	kg	2.5/4.5	2.5/4.5	2.5/4.5	5/8
	Panel	lbs.	5.51/9.92	5.51/9.92	5.51/9.92	11.02/17.64
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	Unit	234/488/566	234/488/566	234/488/566	148/312/342

Duct ▶

Model NO.	Indoor Unit		CTBU-09HRFN1-M(C)	CTBU-12HRFN1-M(C)	CTBU-18HRFN1-M(C)	CTBU-24HRFN1-M(C)
Power Supply	V-,Hz,Ph		208-230, 60, 1	208-230, 60, 1	208-230, 60, 1	208-230, 60, 1
External Static Pressure	Range	in.WG.	0-0.16	0-0.16	0-0.28	0-0.28
Air Flow Volume	H/M/L	CFM	335/290/240	370/320/260	520/430/360	820/620/520
Noise Level	H/M/L	dB(A)	39/37/33	40/38/33	36/34/30	50/46/45
Net Dimension		mm (WxDxH)	700x635x210	700x635x210	920x635x210	920x635x270
		inch (WxDxH)	27.56x25x8.27	27.56x25x8.27	36.22x25x8.27	36.22x25x10.63
Packing Dimension		mm (WxDxH)	915x655x290	915x655x290	1135x655x290	1135x655x350
		inch (WxDxH)	36.02x25.79x11.42	36.02x25.79x11.42	44.68x25.79x11.42	44.68x25.79x13.78
Net / Gross Weight		kg	18.1/22.8	18.1/22.8	23/29	26/31
		lbs.	39.90/50.27	39.90/50.27	50.7/63.93	57.32/68.34
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	Unit	173/340/380	173/340/380	173/340/380	110/230/260

Ceiling Floor ▶

Model NO.	Indoor Unit		MUEU-18HRFN1-MW(C)	MUEU-24HRFN1-M(C)
Power Supply	V-,Hz,Ph		208-230, 60, 1	208-230, 60, 1
Air Flow Volume	H/M/L	CFM	666/-/-	800/770/650
Noise Level	H/M/L	dB(A)	47/44/39	58/55/52
Net Dimension		mm (WxDxH)	1068x675x235	1068x675x235
		inch (WxDxH)	42.05x26.57x9.25	42.05x26.57x9.25
Packing Dimension		mm (WxDxH)	1145x755x313	1145x755x313
		inch (WxDxH)	45.08x29.72x12.32	45.08x29.72x12.32
Net / Gross Weight		kg	25/29.7	25/30
		lbs.	55.12/65.48	55.12/66.14
Stuffing Quantity				
Stuffing Quantity	20'/40'/40'HQ	Unit	102/220/252	102/220/252

Remark:

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



Multizone Inverter





Duct

Standard Features



Sleep Mode



Anti-cold Air Function



Independent Dehumidification



Auto Defrosting



2-way Draining



Auto Restart Function



Timer



Wired Control



Low Ambient Cooling

Optional Features



Fresh Air



Build-in Drain Pump

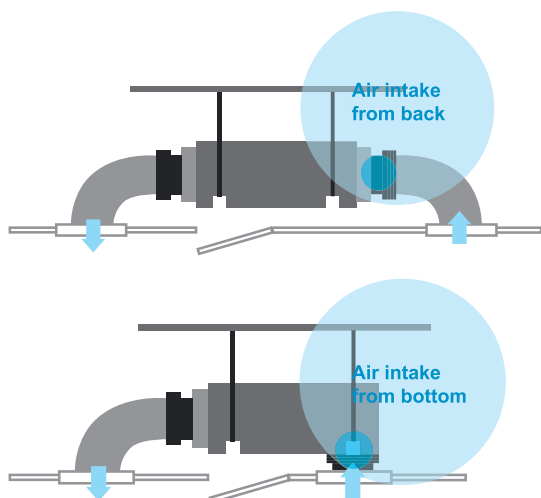
OUTSTANDING FEATURES

Duct



Flexible Air Intake Ways ▶

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



Optional Accessories ▶

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



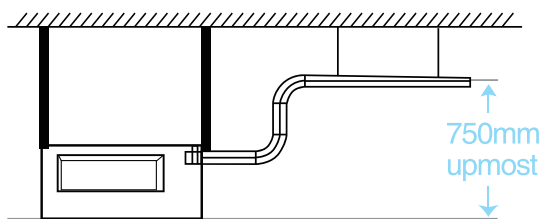
Filter



Front board

Built-in Drain Pump (Optional) ▶

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



Aurora Split AC for Inverter

Specifications ▶

Indoor Model			MTIU-24HWFN1-M	MTI-36HWFN1-M	MTI-48HWFN1-M
Outdoor Model			MOD30U-24HFN1-MTOW	MOD30U-36HFN1-M	MOE30U-48HFN1-M
Power supply		V,Hz,Ph	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Capacity	Btu/h	24000	36000	48000
	EER	Btu/W	12.5	9	9.2
	SEER		21	16.5	17.4
Heating at 47F	Capacity	Btu/h	24000	40000	49500
	COP	W/W	4	3.37	3.52
Minimum circuit ampacity		A	20	30	35
Max.fuse		A	30	50	50
Indoor fan motor	Qty		1	1	1
	Input	W	90.0	250/182/130	560/240/95
	RLA	A	2	1.6	2
	Speed	r/min	880/820/690	1130/1050/990	890/820/840
Indoor air flow (Hi/Med/Lo) (No duct)		m ³ /h	1318.3/1178.2/739.3	1839/1551/1195	2088.3/1752.7/1214.9
Indoor air flow (Hi/Med/Lo) (No duct)		CFM	776/693/435	1082/913/703	1229/1032/715
	Range	Pa	0-160	0-160	0-160
	Range	In. wg.	0-0.64	0-0.64	0-0.64
Indoor noise level (Hi/Med/Lo)		dB(A)	44/40/35.5	45.5/42/38.5	50.5/48.5/46
Indoor unit	Dimension (WxDxH)	mm	1100x774x249	1360x774x249	1200x874x300
		inch	43x30x10	54x30x10	47.24x34.41x11.81
	Packing(WxDxH)	mm	1305x805x305	1570x805x305	1405x915x355
		inch	51x32x12	62x32x12	55.31x36.02x13.98
	Net/Gross weight	kg	39.4/46.7	48.3/55.5	54.3/64.3
		lbs.	87/103	106/122	120/142
Design pressure		PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Drainage water pipe diameter		mm	ODφ25	ODφ25	ODφ25
Refrigerant piping	Liquid side/ Gas side	mm	φ9.52/φ15.9(3/8"/5/8")	φ9.52/φ15.9(3/8"/5/8")	φ9.52/φ15.9(3/8"/5/8")
Controller			Wired control	Wired control	Wired control
Room temperature	Cooling	°C	17~32	17~32	17~32
		°F	62~90	62~90	62~90
	Heating	°C	0~30	0~30	0~30
		°F	32~86	32~86	32~86
Operation temperature		°C	17~30	17~30	17~30
		°F	62~86	62~86	62~86

Remark:

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

Model Code

Residential

M S 9A I — 12 H R F N1 — Q D2

M Midea

S Unit Type

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

9A Product Series

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

I Connect Type

- I Multi Type
- Omit Single Type

12 Capacity

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

H Function Code

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

R Control Mode

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

F Inverter Type

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

N1 Refrigerant

- N1 R410A
- N3 R134a
- Omit R22

Q Power Code

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

D2 EER Code

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

F Special Function

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

Light Commercial (Indoor Unit)

M C D — 36 C R — N

M Midea

C Product Category

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

D Designed Time

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

36 Capacity

- Cooling Capacity
(x1000Btu/h)

H Capacity

- C Cooling only
- H Cooling & Heating

R Control Mode

- W Wired Control
- R Remote Control

N Power Supply

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

Model Code

Light Commercial (Outdoor Unit)

M OU B — 36 H F N1 — Q

M Midea

OU Universal Outdoor Unit

OV Universal Top Discharge Outdoor Unit

OU Universal Side Discharge Outdoor Unit

B Designed Time

Omit 1st Designed
B 2st Designed

36 Capcaity

Cooling Capacity (x1000Btu/h)

H Function Code

C Cooling Only
H Cooling & Heating

N Power Supply

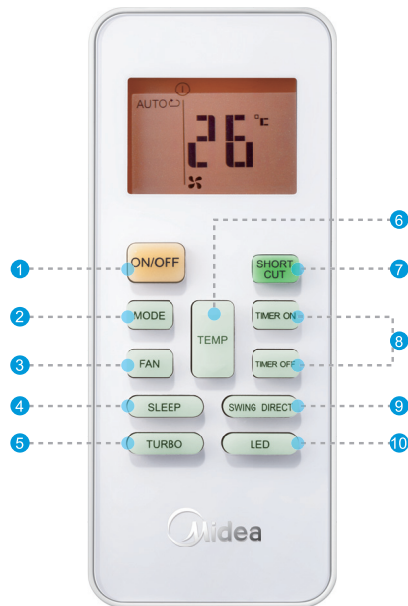
Power Supply(V-Hz-Ph)

N 220-230V~, 60Hz, 1Phase

D 220V~, 60Hz, 3Phase

C 380V~, 60Hz, 3Phase

Remote Control



1 ON/OFF

ON/OFF

2 Mode Setting

MODE Auto/Cool/Dry/Heat/Fan

3 Fan Speed Setting

FAN High/Med/Low/Auto

4 Sleep Mode/Fresh

SLEEP/FRESH

5 Turbo/Self-clean

TURBO/SELFCLEAN

6 TEMP Temperature Setting

TEMP

7 Short Cut Function

SHORT CUT

8 Timer Setting

TIME OFF TIME ON

9 Air Flow

SWING/DIRECT

10 LED Follow ME

LED Display/Follow me

Short Cut Function

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

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

Icons Guide

Energy Saving ▶



ECO

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



Intelligent Eye Detector

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



1W Standby

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



Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1 °C per hour for the first 2 hours, then holds steady for the next 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°C Heating

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



Two-directional Airflow

In cooling mode, horizontal airflow does not blow cool air directly at the occupants in the room. In heating room, vertical airflow provides powerful floor level heating. Precise airflow control makes your room more comfortable.



360° Air Flow Panel

360 ° air outlet creates a soft and gentle air flow which circulates throughout the whole space and provides an even temperature distribution in the room.



Auto Swing

Distributes cool/warm air to maximum area by moving horizontal flaps automatically.



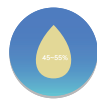
Self-evaporative System

The slinger-up system automatically recycle condensate water of evaporator to condenser, no need of water bucket. Bring more cooling power and improve cooling efficiency.



Independent Dehumidification

Under independent dehumidification mode, AC will efficiently dehumidify the room.



Smart Dehumidifying

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

Reliability ▶



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 C.



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

Eliminate 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.



Transparent Water Level Indication

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



Omni-directional Caster

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



Twin Combination

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



Dryer Mode

Intelligent dryer mode to dry up clothes quickly.



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San Juan, PR 00936 - 3513

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