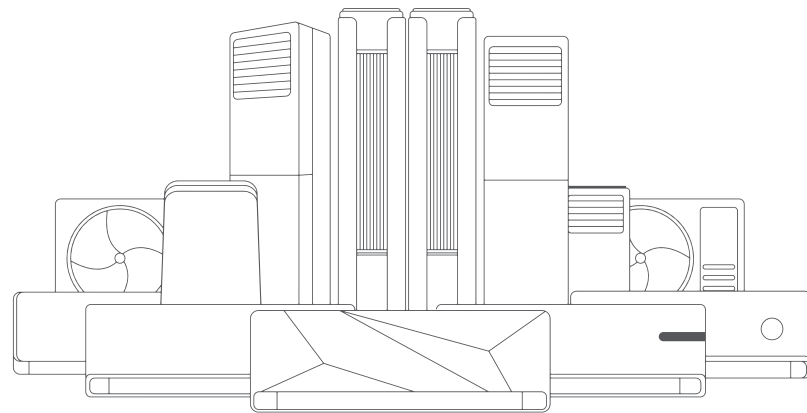




SHANDONG FENGFA



2025
PRODUCT
CATALOGUE
AIR CONDITIONER

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HIGHLIGHTS



Sleep Mode



Hidden Display



Wide-angle Air Supply



4 Way Airflo



Automatic Cleaning



Silent



Silver Ion Filter



Timing Control



Five File
Wind Speed



Active Carbon Filter

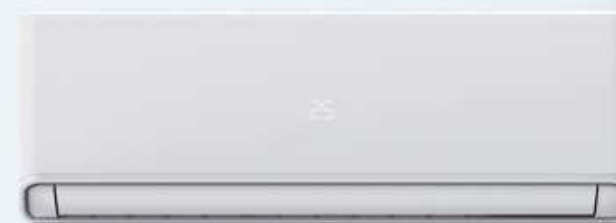


Vitamin C Filter



Xtra-Large Air Span

MA Panel (Matte)



MB Panel (Matte)



MC Panel (Matte + High Glossy)



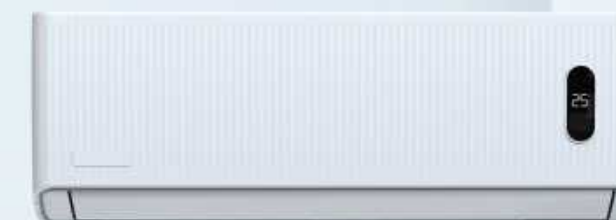
MD Panel (Matte + High Glossy)



ME Panel (Matte)



MF Panel(Wave)



MG Panel(Matte)





MC Panel (Matte + High Glossy)



New air flue design

The newly designed air flow path greatly reduces the air flow resistance, so that the air flow is smoother and the air volume is larger.

Energy saving 30%

Adopt the world famous high efficiency compressor, fast refrigeration and heating, so that the air conditioning energy saving more than 30%.

PCB easy maintenance design

Unique electric control box and frame structure design, can make PCB inspection and maintenance more convenient and fast.

WIFI 3.0

The new WIFI control experience lets you do whatever you want anytime, anywhere.

Negative ion 3.0

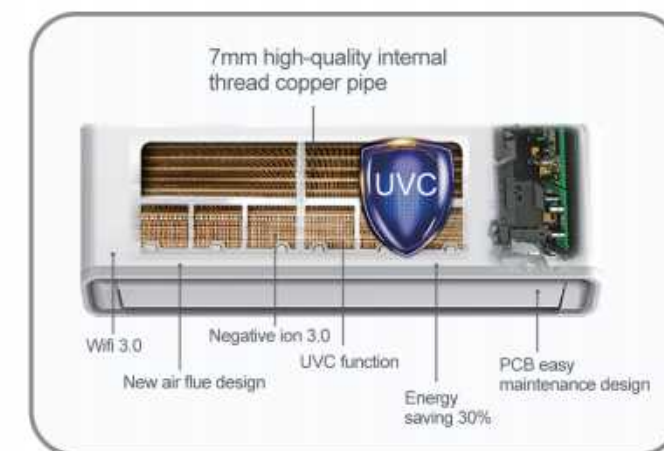
can generate small particle size high activity, natural migration distance of negative ionseffectively degrade a variety of indoor air pollutants, and provide people with air vitamin -- negative oxygen ions.

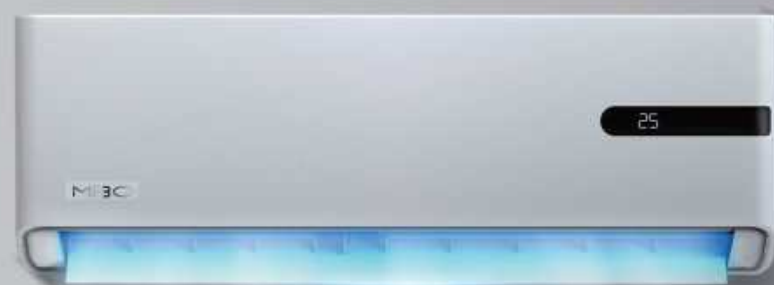
UVC sterilization

it destroys the molecular structure of DNA or RNA in microbial cellsIt is a pure physical disinfection with broad spectrum, high efficiencyfast and thorough, no need to add chemical agents.no drug resistance and no second-ary pollution.

ECO function

Press ECO in Refrigeration mode and the temperature will be automatically adjusted to 26 degrees celsius.





MAIN SUPPLIER

MAIN STRATEGY COOPERATION SUPPLIER

HITACHI

DunAn
盾安环境

KB 凯邦电机



Welling
威靈電機

LAMDA

SUNWILL 顺威

HIGHLY
海立



GMCC 美芝

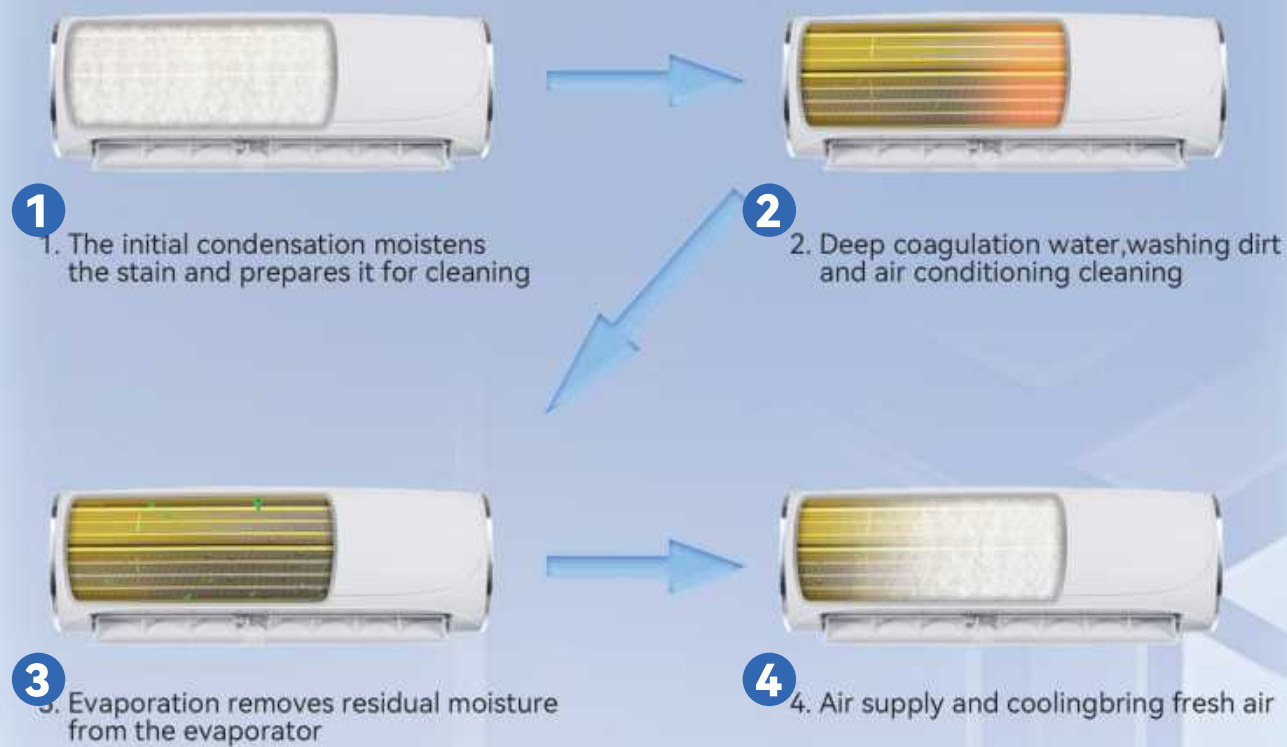






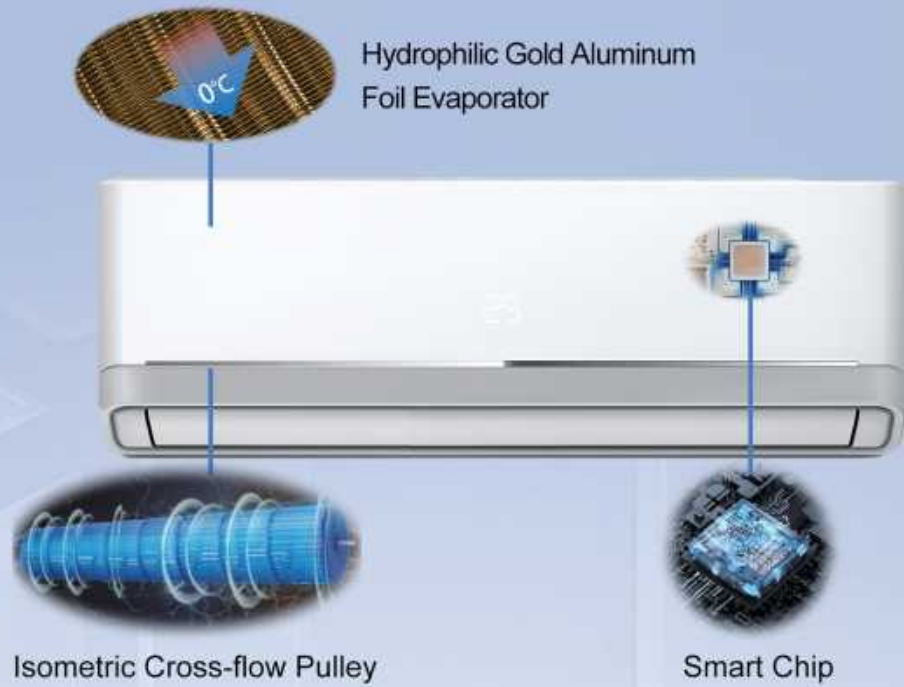
Intelligent Washing Technology

MBO air conditioner is equipped with intelligent washing technology, easy four steps, cleaning fins more quickly.



TechnAical Features

Indoor Unit



NEW Outdoor Unit

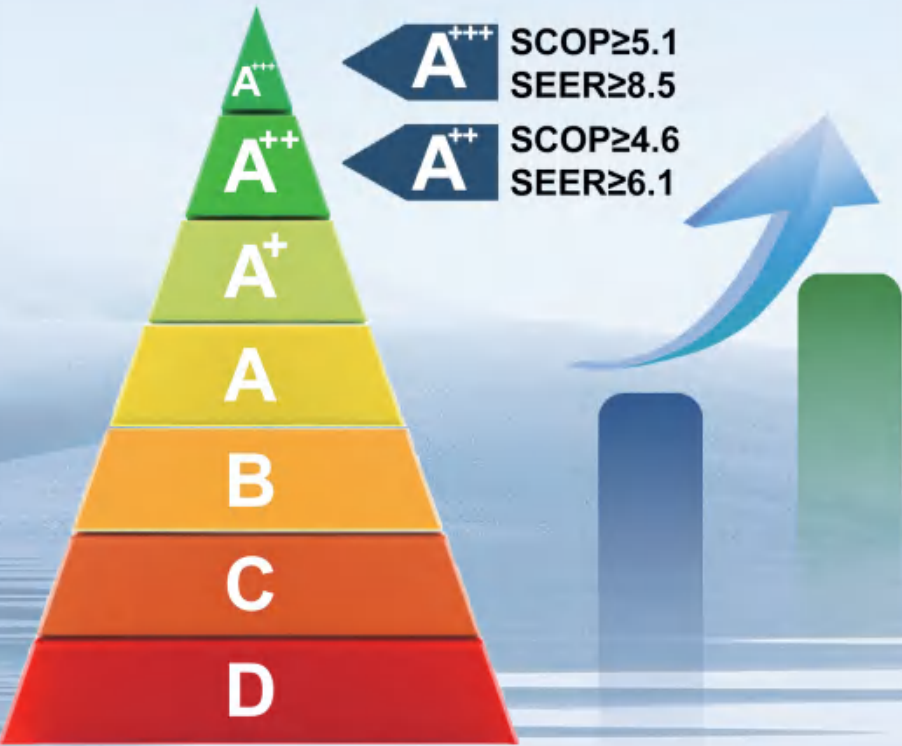


Outdoor Unit



More Energy and Electricity Saving

Our products have obtained CE certification compared with traditional air conditioners, The saves 51.76% of electricity



ECO

- Saving energy and electricity
- Environmental friendly refrigerant

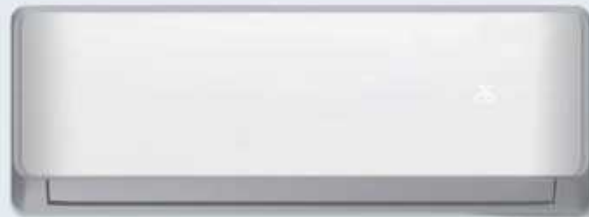


R32、R290、R410a

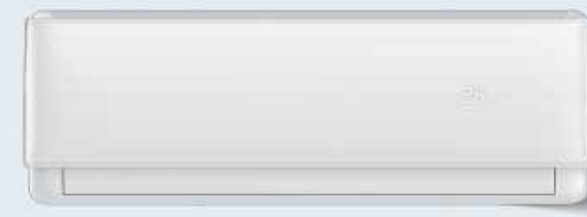
- Saving energy and electricity
- Environmental friendly refrigerant

AIR SERIES PANEL ALBUM

AA



AE



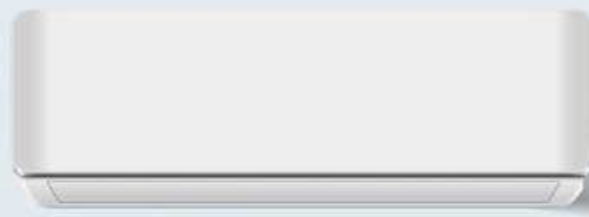
AB



AF



AC



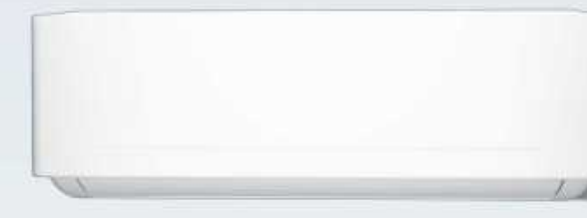
AG



AD



AH



AIR SERIES



HIGHLIGHTS



Sleep Mode



Hidden Display



Wide-angle Air Supply



Five File
Wind Speed



Automatic Cleaning



Quiet



Timer



Self-Diagnosis



Rapid Cooling/Heating

Air Series-AA Panel



KEY FEATURES

- 100% Copper Condenser
- ECO-friendly Refrigerant
- Anti-Dust Air Filtration
- Turbo Mode
- Auto Smart Check
- Wireless LED Remote Control



HIGHLIGHTS

- Sleep Mode
- Hidden Display
- Wide-angle Air Supply
- Five File Wind Speed
- Automatic Cleaning
- Quient
- Timer
- Self-Diagnosis
- Dust Filter
- Silver Ion Filter
- 4 Way Airflo

Air Series-AB Panel



KEY FEATURES

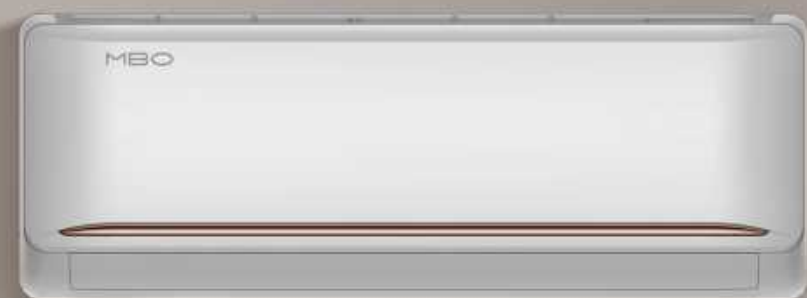
- 100% Copper Condenser
- ECO-friendly Refrigerant
- Anti-Dust Air Filtration
- Turbo Mode
- Auto Smart Check
- Wireless LED Remote Control



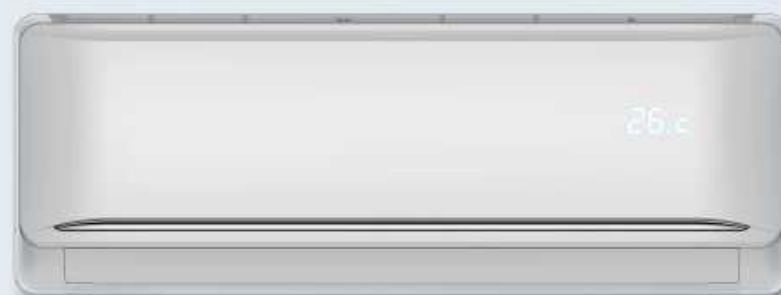
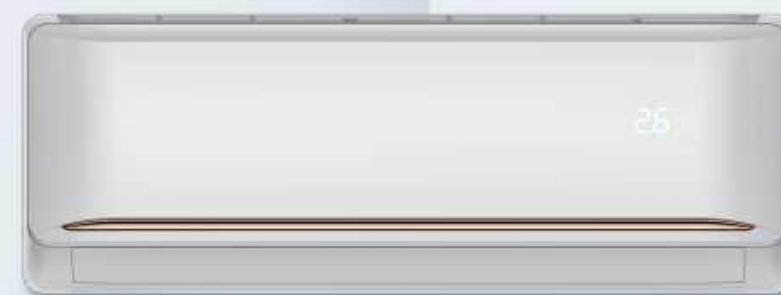
Air Series-AC Panel



AIR
SERIES



Air Series-AD Panel



AIR SERIES

HIGHLIGHTS

- 4 Way Airflo
- Hidden Display
- Wide-angle Air Supply
- Silver Ion Filter
- Automatic Cleaning
- Quient
- Timer
- Dust Filter
- Active Carbon Filter
- Xtra-Large Air Span
- multiple wind speeds

Air Series-AE Panel



KEY FEATURES

AIR SERIES



Air Series-AF Panel



AIR SERIES



Vitamin C Filter



Hidden Display



Wide-angle Air Supply



4 Way Airflo



Automatic Cleaning



Quient



Timing Control



Silver Ion Filter



Active Carbon Filter



Xtra-Large Air Span

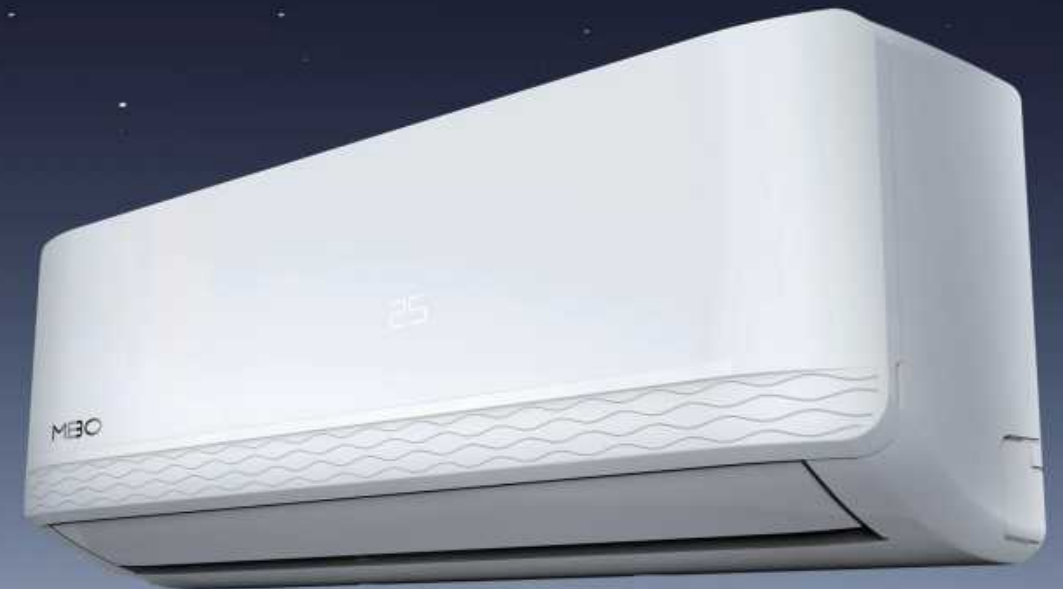


Five File
Wind Speed

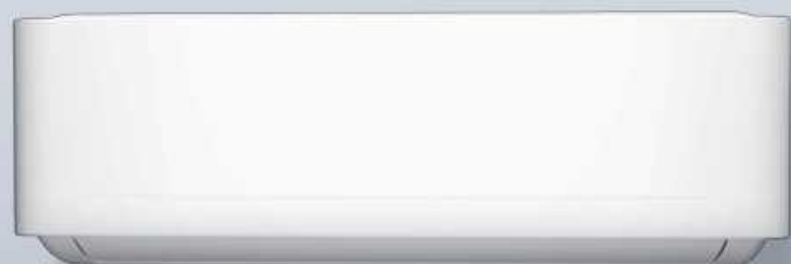


Dust Filter

Air Series-AG Panel



KEY FEATURES



HIGHLIGHTS



Vitamin C Filter



Hidden Display



Wide-angle Air Supply



4 Way Airflo



Automatic Cleaning



Quient



Timing Control



Silver Ion Filter

Air Series-AH Panel



KEY FEATURES

M-Plus Series

Speed Fixed/DC Inverter	M-Plus series					
Model	7K	9K	12K	18K	24K	30K
Rated Capacity (Btu/h)	7000	9000	12,000	18,000	24,000	30,000
Climate Class	T1		T1/T3			
Voltage/Frequency (V/Hz)	220~240V-50Hz /110V-60Hz/220~230V-60Hz (Optional)					
Refrigerant	R410A/R22/R32/R290 (Optional)					
Air Flow Volume (m³/h)	550	550	650	900	1200	1200
Noise (dB(A))	≤33	≤35	≤39	≤42	≤45	≤45
Indoor Unit (L*W*H) mm	718*250*190	718*250*190	815*290*190	920*320*230	1100*320*230	1100*320*230
Outdoor Unit (L*W*H) mm	668*246*462	668*246*462	718*300*540	818*295*600	833*322*655	900*337*700
Remote Control	Y	Y	Y	Y	Y	Y
Digital-Display	Y	Y	Y	Y	Y	Y
Fan Speed Steps	5	5	5	5	5	5
Quiet Function	Y	Y	Y	Y	Y	Y
Auto Clean Function	Y	Y	Y	Y	Y	Y
Auto-restart Function	Y	Y	Y	Y	Y	Y
Dehumidifying Function	Y	Y	Y	Y	Y	Y
Energy Saving Mode(Fuzzy)	Y- ECO Mode					
Auto- changeover	Y-AUTO Mode					
Anti-bacterial Filter	multi-function/Silver ions/VC/Activated carbon (Optional)					
MBO REMARK:	1. The above specification is just for reference, final data might be adjusted based on actual testing & product development;					
	2. Feature & Functions may differ from the final remote selection, pls double check with Sales Team.					

Air Series

Speed Fixed/DC Inverter	Air series					
Model	7K	9K	12K	18K	24K	30K
Rated Capacity (Btu/h)	7000	9000	12,000	18,000	24,000	30,000
Climate Class	T1		T1/T3			
Voltage/Frequency (V/Hz)	220~240V-50Hz /110V-60Hz/220~230V-60Hz (Optional)					
Refrigerant	R410A/R22/R32/R290 (Optional)					
Air Flow Volume (m³/h)	520	580	650	900	1200	1200
Noise (dB(A))	≤33	≤35	≤39	≤42	≤45	≤45
Indoor Unit (L*W*H) mm	693*250*190	700*290*190	800*290*190	900*320*230	1080*320*230	1080*320*230
Outdoor Unit (L*W*H) mm	680*250*420	700*250*540	760*255*520	790*290*530	833*322*655	900*337*700
Remote Control	Y	Y	Y	Y	Y	Y
Digital-Display	Y	Y	Y	Y	Y	Y
Fan Speed Steps	5	5	5	5	5	5
Quiet Function	Y	Y	Y	Y	Y	Y
Auto Clean Function	Y	Y	Y	Y	Y	Y
Auto-restart Function	Y	Y	Y	Y	Y	Y
Dehumidifying Function	Y	Y	Y	Y	Y	Y
Energy Saving Mode(Fuzzy)	Y- ECO Mode					
Auto- changeover	Y-AUTO Mode					
Timer Function	Y	Y	Y	Y	Y	Y
Automatic Air Direction (4-way)	Optional					
UVC Ultraviolet sterilization	Optional					
Anti-bacterial Filter	multi-function/Silver ions/VC/Activated carbon (Optional)					
MBO REMARK:	1. The above specification is just for reference, final data might be adjusted based on actual testing & product development;					
	2. Feature & Functions may differ from the final remote selection, pls double check with Sales Team.					

FLOOR STANDING

AIR CONDITIONER SERIES

U Health Function (Optional)

UVC



UVC sterilize 15minute Direct sunlight for 6 hours

Using medical-grade UVC deep ultraviolet sterilization technology, the sterilization rate near 99.3%



Intelligent Networking Function (optional)

The air conditioner can be turned on in advance through the remote control of the mobile phone app to avoid waiting, and the use becomes easier and more convenient.

Floor Standing Series

Speed Fixed/DC Inverter	Round series							
Model	18K	24K	18K	24K	30K	36K	48K	60K
Rated Capacity (Btu/h)	18,000	24,000	18,000	24,000	30,000	36,000	48,000	60,000
Climate Class	T1		T1T1/T3 (Optional)					
Voltage/Frequency (V/Hz)	220~240V-50Hz /220~230V-60Hz (Optional)		220~240V-50Hz /220~230V-60Hz (Optional)				380V-50Hz-3N-	
Refrigerant	R410A/R22/R32 (Optional)		R410A/R22/R32 (Optional)					
Air Flow Volume (m³/h)	1000	1000	1000	1280	1280	2250	2250	2250
Noise (dB(A))	≤47	≤47	≤49	≤50	≤50	≤51	≤52	≤52
Indoor Unit (GxYxD) mm	425*425*1775	425*425*1775	510*331*1787	510*331*1787	510*331*1787	582*388*1890	582*388*1890	582*388*1890
Outdoor Unit (GxYxD) mm	790*290*530	833*322*655	790*290*530	845*315*670	845*315*670	980*355*875	940*360*1265	940*360*1265
Remote Control	Y	Y	Y	Y	Y	Y	Y	Y
Digital-Display	Y	Y	Y	Y	Y	Y	Y	Y
Fan Speed Steps	4	4	4	4	4	4	4	4
Auto Clean Function	Y	Y	Y	Y	Y	Y	Y	Y
Auto-restart Function	Y	Y	Y	Y	Y	Y	Y	Y
Dehumidifying Function	Y	Y	Y	Y	Y	Y	Y	Y
Energy Saving Mode(Fuzzy)	Y- ECO Mode		Y- ECO Mode					
Auto- changeover	Y-AUTO Mode		Y-AUTO Mode					
Timer Function	Y	Y	Y	Y	Y	Y	Y	Y
Automatic Air Direction (4-way)	Y	Y	Y	Y	Y	Y	Y	Y
UVC Ultraviolet sterilization	Optional		Optional					
Anti-bacterial Filter	multi-function/Silver ions/VC/Activated carbon (Optional)		multi-function/Silver ions/VC/Activated carbon (Optional)					
MBO REMARK:	1. The above specification is just for reference, final data might be adjusted based on actual testing & product development;							
	2. Feature & Functions may differ from the final remote selection, pls double check with Sales Team.							

HIGH-VALUE PURE WHITE CLASSIC

Simple but remarkable design style can be perfectly integrated into various home and commercial occasions.



Fast running in 3 seconds

The fast response control system matches the large air volume to ensure that it can quickly enter the normal working state after starting up, and try to meet the user's heating and cooling purposes.

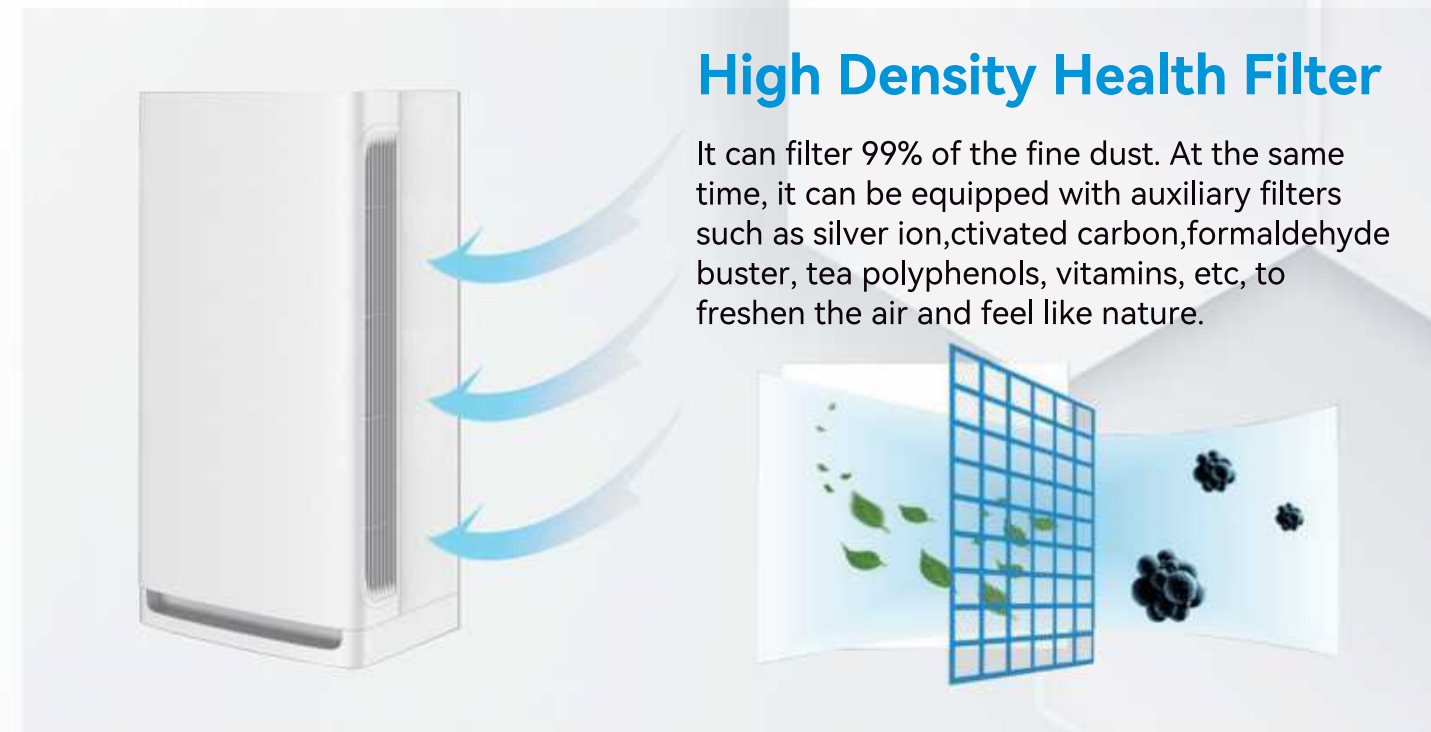
15m long-distance airflow

The long-distance and wide air supply in all directions up, down, left and right, gives users a comfortable feeling.



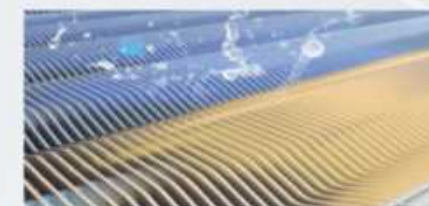
High Density Health Filter

It can filter 99% of the fine dust. At the same time, it can be equipped with auxiliary filters such as silver ion, activated carbon, formaldehyde buster, tea polyphenols, vitamins, etc, to freshen the air and feel like nature.



Automatic restart

Power failure is not terrible, it can automatically restart after power is restored, and you can enjoy the beautiful life brought by technology.



Automatic cleaning function

When the cleaning function is selected in the shutdown state, the air conditioner automatically runs the cleaning program, the air is cleaner and the operation is more energy-saving.

Independent and powerful dehumidification function

It can quickly remove excess water, mildew, and moisture in the room, and ensure dryness and comfort.



NEW ENERGY EFFICIENCY STANDARDS

Extreme cold and warm, powerful dehumidification

Three-dimensional wide-angle air supply





FLOOR STANDING

AIR CONDITIONER SERIES



Combination of point and surface

Exquisite appearance, fresh and luxlrious, as dazzling as pearls



Strong cold and warm

The high-efficiency compressor cooperates with the tube-fin heat exchanger with all-copper internally threaded tubes as the main body, which can quickly change the temperature of the room.

Independent dehumidification

Can quickly remove excess water in the room, making the air in the room more refreshing (you can add a clothing room)

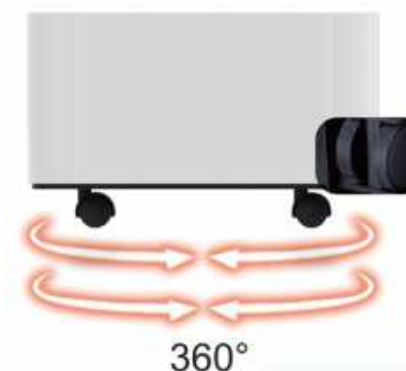


Evaporative condensation

The condensed water produced during cooling is sprinkled on the condenser through a special device to accelerate the cooling of the condenser, and the cooling effect is better and more energy-saving.

Move as you like

Comes with universal casters, which can be moved as you want, suitable for various places.



Touch + remote control

It can be changed with the touch or remote control. This sense of control anytime, anywhere, allows you to enjoy a good life in time.



Ducted Unit

DC Inverter Outdoor Unit



Ducted Indoor Unit



Climate type			T1	T1	T1	T1	T1	T1
Outdoor unit model			MDU-V12HR1	MDU-V18HR1	MDU-V24HR1	MDU-V36HR1	MDU-V48HR1	MDU-V60HR1
Indoor unit model			MDA-V12HR1	MDA-V18HR1	MDA-V24HR1	MDA-V36HR1	MDA-V48HR1	MDA-V60HR1
Power supply		V/N/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50
Capacity code		BTU/h	12K	18K	24K	36	48K	48K
Cooling	Capacity	W	3500(750-4000)	5200(900-6200)	7200(1100-8000)	10550(1400-11700)	14000(2100-15400)	14000(2100-15400)
	Power Input	W	1400(250-1600)	1800(350-2500)	2500(550-3450)	3750(680-4450)	4700(800-5850)	4700(800-5850)
	Rated Current	A	6.7(1.2-7.8)	8.5(1.8-12.2)	12.1(2.9-16.7)	17.5(3.4-20.7)	22.3(4.5-30.2)	7.4(1.5-9.4)
	EER	W/W	2.5	2.89	2.88	2.81	2.98	2.98
Heating	Capacity	W	4000(800-4500)	5800(1200-7100)	8000(1200-9500)	11600(1500-13000)	14000(2100-15400)	14000(2100-15400)
	Power Input	W	1300(250-1700)	1850(350-2800)	2450(550-3300)	3600(680-4350)	4350(800-5650)	4350(800-5650)
	Rated Current	A	6.2(1.2-8.3)	8.7(1.8-13.6)	11.8(2.9-16.1)	16.8(3.4-20.3)	21.2(4.5-29.5)	6.9(1.5-9.1)
	COP	W/W	3.08	3.14	3.27	3.22	3.22	3.22
Indoor unit	Fan motor type		AC	AC	AC	AC	AC	AC
	External static pressure	Pa	30	30	30	100	100	100
	Indoor air flow	m³/h	650	900	1350	2150	2150	2150
	Indoor noise level(Hi/Mid/Low)	dB(A)	36/32/28	38/34/30	40/36/32	48/44/40	48/44/40	48/44/40
	Unit dimension (W*H*D)	mm	700*210*470	920*210*470	1140*210*470	1200*300*840	1200*300*840	1200*300*840
	Packing dimension (W*H*D)	mm	870*260*530	1090*260*530	1310*260*530	1395*370*925	1395*370*925	1395*370*925
	Net weight	kg	17	20	26	42	42	42
	Gross weight	kg	20	23	29	49	49	49
	Fan motor type		AC	AC	AC	AC	AC	AC
	Compressor type		DC inverter rotary	DC inverter rotary	DC inverter rotary	DC inverter rotary	DC inverter rotary	DC inverter rotary
Outdoor unit	Noise level	dB(A)	50	54	56	57	60	60
	Unit dimension (W*H*D)	mm	730*520*255	790*560*290	820*655*300	935*805*370	940*1265*340	940*1265*340
	Packing dimension (W*H*D)	mm	840*605*345	900*620*400	935*715*425	1075*880*480	1060*1385*435	1060*1385*435
	Net weight	kg	23	30	42	60	75	75
	Gross weight	kg	26	33	46	64	85	85
	Refrigerant type		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant pipe	Liquid side	Inch	1/4	1/4	3/8	3/8	3/8	3/8
	Gas side	Inch	1/2	1/2	5/8	3/4	3/4	3/4
	Max. length	m	15	15	15	20	20	20
	Max. height difference	m	8	8	8	10	10	10
Operation	Cooling	°C	18-50	18-50	18-50	18-50	18-50	18-50
	Heating	°C	-7-24	-7-24	-7-24	-7-24	-7-24	-7-24
Control type			Wired/Wireless	Wired/Wireless	Wired/Wireless	Wired/Wireless	Wired/Wireless	Wired/Wireless

Notes:
1. Nominal cooling capacities are based on conditions: indoor temperature 27°CDB,19°CWB; outdoor temperature 35°CDB
2. Nominal heating capacities are based on conditions: indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB.
3. Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.
4. The above design and specification are subject to change without prior notice for product improvement.

HVAC



Ducted Unit

Ultra-thin Body, Convenient To Install

- The thickness of the unit is only 210mm, which does not take up too much ceiling space, saves indoor space and improves indoor aesthetics.



Access Control And Fire Alarm Connection

- The indoor unit is equipped with a functional interface, which can be linked with the room card and connected to the fire protection system to realize automatic shutdown and safer use.



Multi-stage Static Pressure

- Multi-stage static pressure is optional, and the installation is flexible and more convenient. According to different spatial structures, direct blowing or connecting air ducts can be selected to meet individual needs.



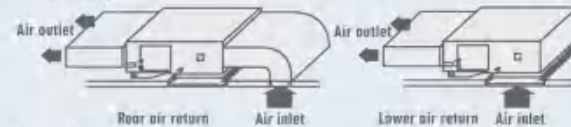
WIFI Control Function (Optional)

- Optional WIFI remote control module can be chosen, through the mobile phone to remotely control the air conditioner.



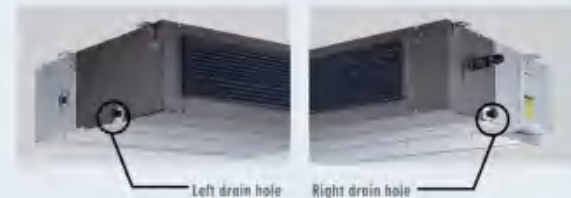
Adjustable Air Return Method

- During installation, it can be installed according to the needs of the site, just by changing the position of the return air baffle, the lower air return and the rear air return can be realized. The application is flexible and the installation is easy. (Rear air return is factory default installed)



Drainage On Both Sides

- The unit reserves two drainage ports on the left and right, and the on-site installation can be flexibly selected according to actual needs, and the arrangement of the drainage pipes is more free and convenient.



High-efficiency Low Noise Motor

- The indoor unit adopts a high-efficiency fan motor, a newly designed centrifugal fan and a new volute air duct system. Make the unit run smoothly, air supply is soft, and noise is lower.



UVC Sterilization Function (Optional)

- UVC powerful sterilization accessories can be customized to effectively kill Escherichia coli, Corynebacterium diphtheria, Mycobacterium tuberculosis, Salmonella, etc. The process is non-toxic, no residue, no peculiar smell, and protects human health.



Ducted Unit



Low Pressure Ducted Unit



Medium Pressure Ducted Unit

MBO HVAC combines a number of patented technologies to completely upgrade the structure, performance and function of the air duct machine.

It adopts thin body design, invisible installation, and the effect is more beautiful. It can realize smart health functions such as smart phone remote control, UVC ultraviolet sterilization, and fresh air introduction, creating a comfortable environment for homes and offices and bringing a healthy and high-quality life.

According to the different static pressure of the unit, there are low static pressure air duct machines (0-30Pa) and medium static pressure air duct machines (10-80Pa).

Not only powerful, fast cooling and heating, but also long-distance air supply. It can be widely used in shopping malls, restaurants, supermarkets, conference rooms and other commercial and office places.



Inner Threaded Copper Tube

- The internal threaded copper tube effectively improves the heat exchange effect by increasing the inner surface area of the tube and enhancing the disturbance. Destroy the boundary layer of refrigerant flow, increase disturbance and improve heat exchange efficiency. The heat transfer coefficient is higher and the energy saving effect is better.

High-efficiency Low-noise Compressor

- Equipped with high-efficiency rotary compressor, compared with models with scroll compressors, the power is stronger, cooling and heating performance is faster, anti-fading ability is higher.
- Easy to deal with high temperature in cooling mode and low temperature in heating mode.
- The running parts of the compressor wear less, run smoothly, with low noise and long service life.
- The inverter model adopts high-efficiency DC inverter compressor, When starting up, it runs at high speed, strong output, and one step faster in heating and cooling. When normal running, accurate output, reducing indoor temperature fluctuations, comfort and power saving.



Inner Threaded Copper Tube

- The internal threaded copper tube effectively improves the heat exchange effect by increasing the inner surface area of the tube and enhancing the disturbance.
- Destroy the boundary layer of refrigerant flow, increase disturbance and improve heat exchange efficiency.
- The heat transfer coefficient is higher and the energy saving effect is better.



Hydrophilic Aluminum Foil

- The new hydrophilic aluminum foil has the ability of degreasing and anti-fouling, which can make the condensed water generated during the operation of the air conditioner flow away along the fins as soon as possible. When defrosting, the defrosting time can be greatly shortened, and the heating efficiency is higher.



Degreasing and antifouling hydrophilic aluminum foil fins

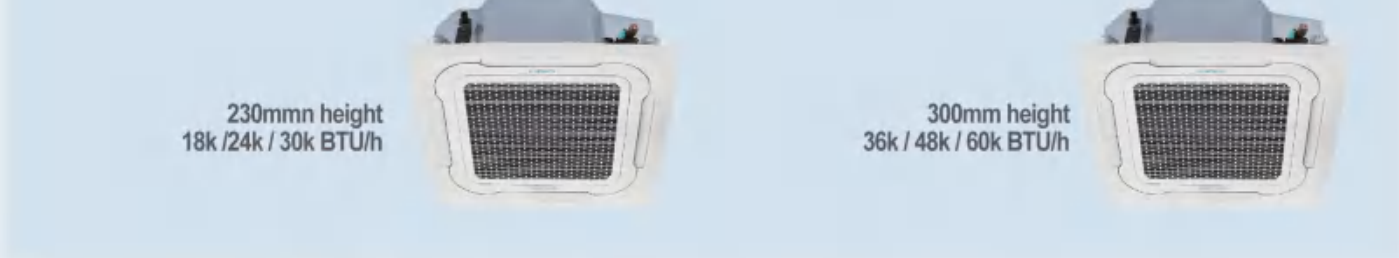
Cassette Unit

HVAC

ON/OFF Outdoor Unit



Ducted Indoor Unit



Climate type		T1	T1	T1	T1	T1	T1	T1
Outdoor unit model		MDU-18HR1	MDU-24HR1	MDU-30HR1	MDU-36HR1	MDU-36HR2	MDU-48HR1	MDU-60HR1
Indoor unit model		MCR-18HR1	MCR-24HR1	MCR-30HR1	MCR-36HR1	MCR-36HR2	MCR-48HR1	MCR-60HR1
Power supply		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Capacity code		BTU/h	18K	24K	30K	36K	48K	60K
Cooling	Capacity	W	5300	7000	8800	10600	14100	17600
	Power Input	W	1750	2350	2950	3810	4560	5660
	Rated Current	A	3.62	4.86	6.1	7.88	7.88	11.7
	EER	W/W	3.02	2.98	2.98	2.78	3.09	3.11
Heating	Capacity	W	5900	7800	9700	11700	14700	18200
	Power Input	W	1920	2570	3210	4210	4710	5800
	Rated Current	A	3.97	5.31	6.64	8.71	8.6	9.74
	COP	W/W	3.07	3.03	3.02	2.78	2.81	3.12
Indoor unit	Fan motor type		AC	AC	AC	AC	AC	AC
	Indoor air flow	m³/h	1100	1300	1300	1800	1800	1800
	Indoor noise level (Hi/Mo/Lo)	dB(A)	46/40/36	48/44/38	48/44/38	52/48/40	52/48/40	52/48/40
	Unit	Body dimension (W*H*D)	mm	830*230*830	830*230*830	830*300*830	830*300*830	830*300*830
		Packing dimension (W*H*D)	mm	925*290*925	925*290*925	925*360*925	925*360*925	925*360*925
		Net weight	kg	22.5	23	27.5	27.5	27.5
		Gross weight	kg	26	26.5	31.5	31.5	31.5
	Panel	Body dimension (W*H*D)	mm	935*65*935	935*65*935	935*65*935	935*65*935	935*65*935
		Packing dimension (W*H*D)	mm	1030*90*1030	1030*90*1030	1030*90*1030	1030*90*1030	1030*90*1030
		Net weight	kg	6	6	6	6	6
		Gross weight	kg	8	8	8	8	8
Outdoor unit	Fan motor type		AC	AC	AC	AC	AC	AC
	Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Noise level	dB(A)	51	56	56	58	58	62
	Unit dimension (W*H*D)	mm	790*535*290	820*630*300	910*685*340	980*875*355	980*875*355	940*1250*340
	Packing dimension (W*H*D)	mm	900*620*400	935*715*425	1030*770*470	1080*950*480	1080*950*480	1060*1385*435
	Net weight	kg	37	49	54	66	66	80
Refrigerant pipe	Gross weight	kg	41	54	58	72	72	90
	Refrigerant type		R410A	R410A	R410A	R410A	R410A	R410A
	Liquid side	inch	1/4	3/8	3/8	3/8	3/8	3/8
	Gas side	inch	1/2	5/8	5/8	3/4	3/4	3/4
	Max. refrigerant pipe length	m	10	15	15	15	20	20
	Max. difference in level	m	5	8	8	8	10	10
Operation temperature	Cooling	°C	18-50	18-50	18-50	18-50	18-50	18-50
	Heating	°C	-7-24	-7-24	-7-24	-7-24	-7-24	-7-24
Control type			Wired / wireless	Wired / wireless	Wired / wireless	Wired / wireless	Wired / wireless	Wired / wireless

Notes:
1. Nominal cooling capacities are based on conditions: indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB
2. Nominal heating capacities are based on conditions: indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB.
3. Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.
4. The above design and specification are subject to change without prior notice for product improvement.



Energy Saving

3 Speeds

Auto Swing

Dehumidification

Auto Start

Timer

Long Life filter

LED Display

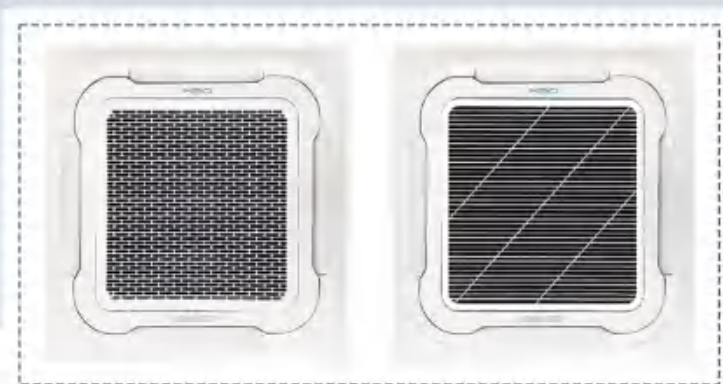
Drain Pan

WIFI Control

Cassette Unit



MBO HVAC has invested in new molds and developed a full range of new ceiling cassette units in accordance with high energy efficiency requirements



The products are novel and practical, stylish in appearance, meet the needs of multi-level personalized and are widely used in various places such as shopping malls, office and other commercial buildings.



High-efficiency Low-noise Compressor

- Equipped with high-efficiency rotary compressor, compared with models with scroll compressors, the power is stronger, cooling and heating performance is faster, anti-fading ability is higher.
- Easy to deal with high temperature in cooling mode and low temperature in heating mode.
- The running parts of the compressor wear less, run smoothly, with low noise and long service life.
- The inverter model adopts high-efficiency DC inverter compressor. When starting up, it runs at high speed, strong output, and one step faster in heating and cooling. When normal running, accurate output, reducing indoor temperature fluctuations, comfort and power saving.



Inner Threaded Copper Tube

- The internal threaded copper tube effectively improves the heat exchange effect by increasing the inner surface area of the tube and enhancing the disturbance.
- Destroy the boundary layer of refrigerant flow, increase disturbance and improve heat exchange efficiency.
- The heat transfer coefficient is higher and the energy saving effect is better.



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Degreasing and antifouling hydrophilic aluminum foil fins

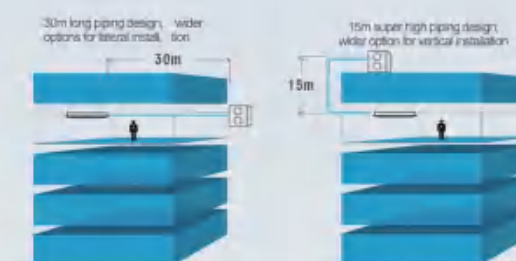
High-lift Drainage Water Pump

- The 1.2-meter-high head drain pump is used, which greatly facilitates the installation and arrangement of the drain pipe, making the condensate discharge smoother and more thorough.



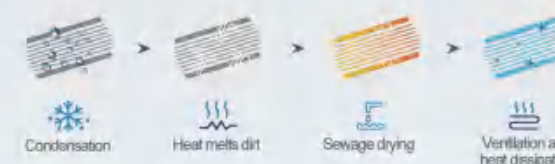
Long Piping Design, Flexible Installation

- The 15-meter height drop design and the 30-meter super-long piping design meet the installation needs of different places.



Heat Exchanger Self-cleaning Function

- The self-cleaning function can combine the condensed water generated on the surface of the evaporator with the dust, and remove the condensed water while taking away the dust.



WIFI Control Function (Optional)

- Optional WIFI remote control module can be chosen, through the mobile phone to remotely control the air conditioner.



Low Noise Big Volume Centrifugal Fan

- The fan wheel adopts 3D spiral blade of aerospace technology which has smooth air output, large air volume, balanced and stable air flow, and greatly reduces the eddy current noise, and the operation is quiet and comfortable.



360° Air Supply No Dead Angle

- 360° air outlet, no dead angle for air supply. 360° automatic swing, wide range of air supply, so that the air flow reaches all corners of the room, and the air can also be supplied at a specified angle to enjoy the comfort.



LED Digital Display Panel

- Embedded LED digital display on the panel, real-time display of temperature and mode, accurate and detailed display of machine operating status and data, high-end and practical.



UVC Sterilization Function (Optional)

- UVC powerful sterilization accessories can be customized to effectively kill Escherichia coli, Corynebacterium diphtheria, Mycobacterium tuberculosis, Salmonella, etc. The process is non-toxic, no residue, no peculiar smell, and protects human health.



EXPORTED TO 82 COUNTRIES
AROUND THE WORLD

