



Heating and Cooling Solutions

R32 DUCTED SYSTEMS



Midea is My Idea



Midea is My Idea

Our objective is to deliver the best home solutions for every Australia family. Our home solutions are inspired by the ideas and needs of Australian consumers. Therefore, we created the slogan "Midea is My Idea"

Midea Appliances Australia

Midea Appliances Australia commenced operation in January 2019. Our current business domains include air conditioning, dishwasher, small household appliances, microwaves and ovens. While enhancing our presence in Australia, Midea Appliances Australia will continue pursuing in introducing full range of Midea products.

Local After Sales Service and Support

Midea has an established service department for all service and technical enquiries.

7 Year Parts and Labour Warranty

Midea Australia aims at providing high performance and quality products for the Australian market. The R32 duct system are standard with 7 years warranty including parts and labor.



Midea, established in 1968 is a public company listed and since July 2016 a Fortune 500 company offering one of the most comprehensive ranges in the home appliances industry. Midea specializes in air treatment (residential and commercial solutions), refrigeration, laundry, cooking appliances, small kitchen appliances, water appliances, floor care and lighting.



More than
343.4 B RMB
of revenue in
2021

Serve
customers in
200+
countries

35
R&D Centers
worldwide

160k
employees
worldwide

35
Production
Centers
worldwide

Credit Ratings
A/A3/A
S&P/Moody's/Fitch

FORTUNE
GLOBAL
500
2021

288

2021 Fortune
Global 500

FORBES
GLOBAL
2000
2021

183

2021 Forbes
Global 2000

GLOBAL
500
BRAND FINANCE
2022

186

Brand Finance 2022
Top 500
Most Valuable Brands

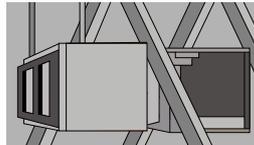
BRAND FINANCE
TECH100
2022

36

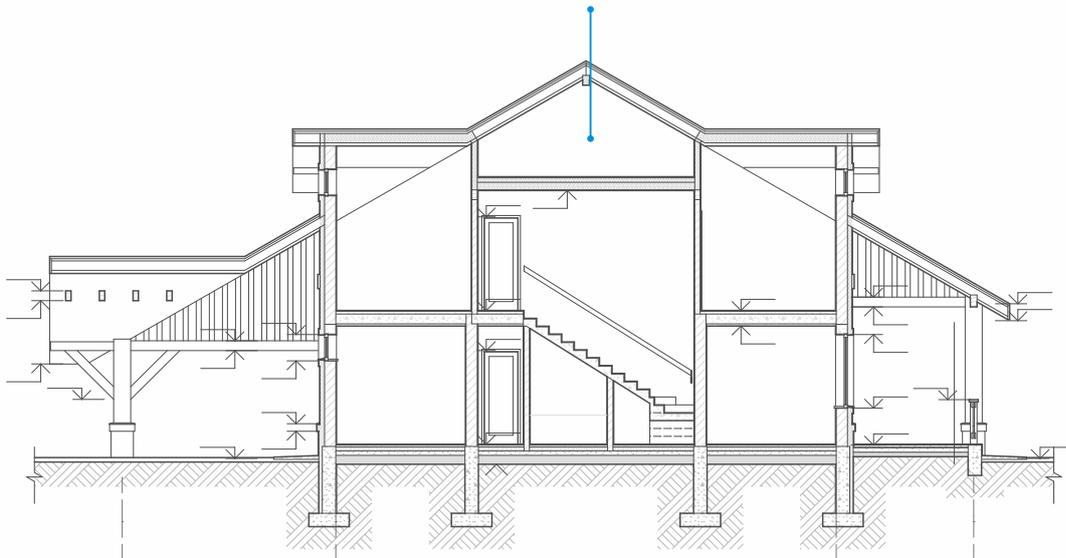
Brand Finance 2022
Top 100
Most Valuable Tech Brands

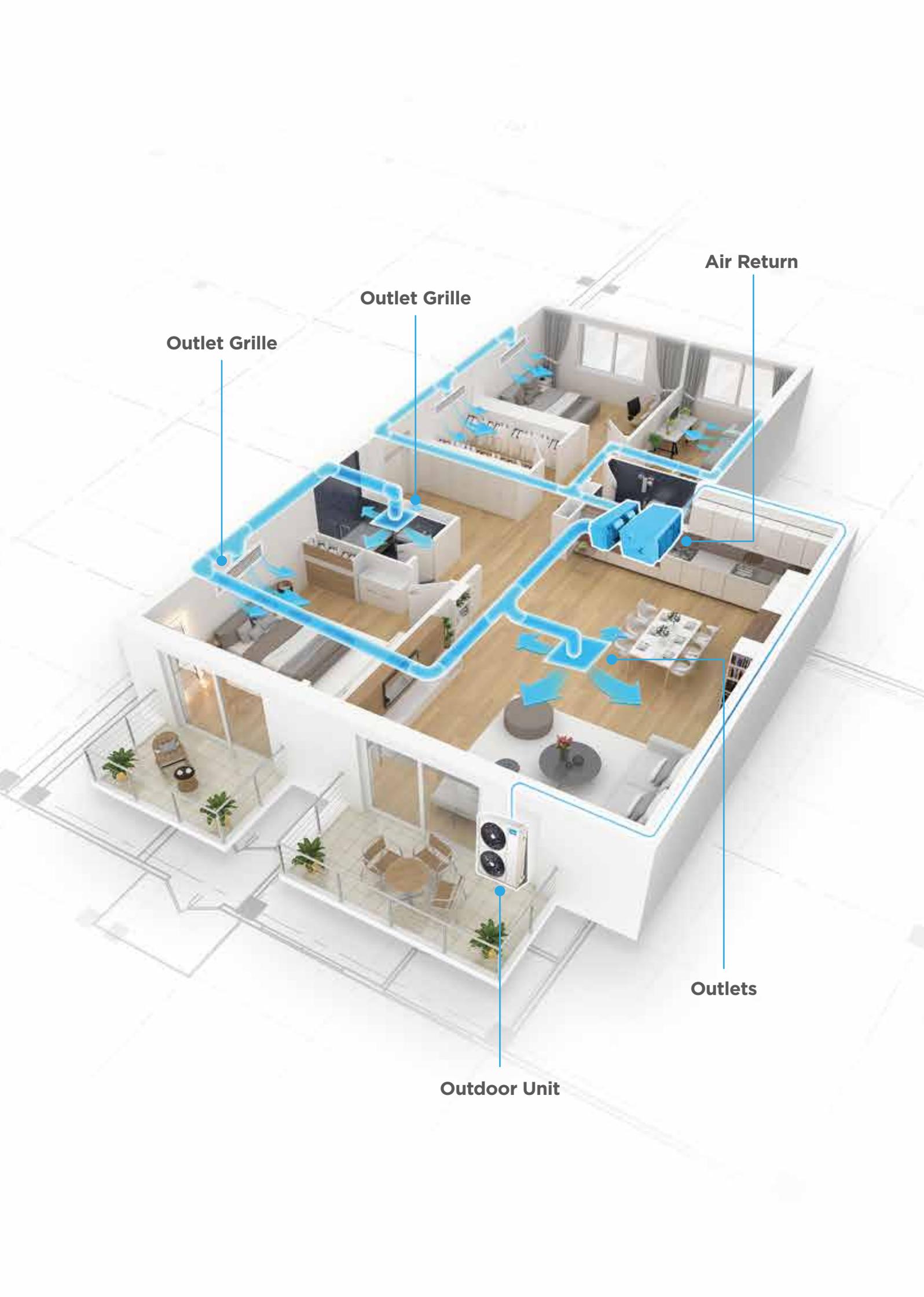
Midea Ducted Systems

Midea Ducted system can provide air conditioning through the air ducts and provide cooling or heating comfort for the whole house. Since it is concealed in the ceiling, only the wired controller and air grilles are visible inside the room. Its invisible beauty can fit harmoniously to your interior design and make your room more esthetic, bringing you more beautiful and comfortable home.



Ducted Systems





Air Return

Outlet Grille

Outlet Grille

Outlets

Outdoor Unit

Midea Technology

01

Easy installation and Maintenance

- Split Design HSP duct indoor unit*
- Aerostic (Constant Airflow)
- Optimized Outdoor (Compact 7kw and Optimized 2 Fan Outdoor)
- Safer Design
 - 1.Functional Auxiliary Board
 - 2.Optimized Wire Terminals
 - 3.Standard with DR Connection Ports
 - 4.Reserved Wire Connection Holes
 - 5.Ingression Proof Metal Shield Plate

02

Reliability and High Efficiency

- Inner Groove High Efficiency Tubes
- Indoor and Outdoor Units Prime Guard
- Durable R32 GMCC Compressor
- Refrigerant Cooling
- Heating Belt for Compressors and Base Pan Heater (optional)
- Outdoor Unit Active Clean

INDOOR UNIT



03

Comfort and Energy Saving

- GA Genetic Algorithm Inverter
- ECO Energy Saving
- 8°C Heating(FP)

04

Health

- I-Clean Active Clean
- Fresh Air

05

SMART

- Color Screen Wireless Network Wired Controller
- Dual Control
- Centralized Control
- Remote Control

OUTDOOR UNIT



Indoor Unit Technology



A6 MSP Duct



Constant Air Volume Control



I-clean Active Clean



Fresh Air



Energy Saver

Constant Air Volume Control

With constant air volume control technology, optimal air flow cools every room consistently and accurately with both short pipes and long pipes.

Fresh Air

Ducted (low profile) are equipped with fresh air intake, which can continuously brings outdoor air into the room.

I-clean Active Clean

To make the use of condensing water to clean evaporator and dry it automatically.

Energy Saver

Compared with fixed-speed air conditioners, full DC inverter air conditioners can reduce approximately 55% of power consumption in a year.



HSP Duct



Split Design HSP
Duct Indoor Unit
(Only for 17.5KW)



Constant Air
Volume Control



I-clean
Active Clean



Energy Saver

Split Design HSP Duct Indoor Unit

With split design structure, the HSP duct indoor unit^{**for 17kw model only} can be easily separated into coil part and fan part, and reassembled within the ceiling for installation.

This saves installation labor and make it easier for maintenance too.

Constant Air Volume Control

With constant air volume control technology, optimal air flow cools every room consistently and accurately with both short pipes and long pipes.

Fresh Air

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I-clean Active Clean

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Energy Saver

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Outdoor Unit Technology



Safer Design



Ice Defense:
High Efficiency Tube



Prime Guard



Durable R32
GMCC Compressor



Refrigerant Radiation
Technology



Wide Operation
Range



Outdoor Unit
Active Clean



GA Inverter
Better Comfort

Safer Design

Reserved Wire Connection Holes

Lower part reserved wire connection holes, easier for PVC tube installation of connection wires between indoor and outdoor unit.

Ingression Proof Metal Shield Plate

Ingression proof metal shield plate can prevent rats, frogs, geckoes, bugs, etc. from entering the outdoor. This will make the outdoor unit more durable.

Ice Defense: High Efficiency Tube

The increase of heat exchange area improves the efficiency of heat transfer, enabling fast heating.

Durable R32 GMCC Compressor

Midea Australia R32 full DC Inverter Duct Split use GMCC R32 twin rotary compressors which adopts rare earth materials for its long term lifespan and high efficiency. About 1/3 of world AC compressors are from GMCC because of its stable quality and excellent performance. GMCC is one of the largest AC compressor manufacturers in the world.

Prime Guard

The unique anticorrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency.

Refrigerant Radiation Technology

The new designed refrigerant circuit radiator utilizes the refrigerant to cool down the E-Box efficiently, which can highly improve the unit reliability and performance under high ambient temperature.

Wide Operation Range

Heat Shield

Even in an environment with high temperature of up to 60°C the compressor still works well to ensure continuous cooling.

Ice Defense

Heating mode: Work under lowest outdoor ambient -20°C

Refrigerant Radiation Technology

The new designed refrigerant circuit radiator utilizes the refrigerant to cool down the E-Box efficiently, which can highly improve the unit reliability and performance under high ambient temperature.

Outdoor Unit Active Clean

The outdoor unit will reverse the fan flow direction and blow away the dust, sand, leaves, etc. on the heat exchanger of outdoor unit. This will clean the heat exchanger automatically and keep high heat exchange efficiency in the long run.

GA Inverter, Better Comfort

Incomparable Comfort Control

Full DC inverter air conditioners outperform fixed-speed air conditioners in the aspect of precision temperature control.

GA Compressor Frequency Control

The frequency of traditional air conditioner has $\pm 1^\circ\text{C}$ fluctuation of room of room temp during operation. However, Midea core genius inverter technology breaks away from this pattern. This technology control 0.6HZ for every Step. Its inverter frequency variation is so smooth that you wouldn't notice the room temperature $\pm 0.5^\circ\text{C}$ fluctuation at all.

Control Options

Wired Controller



Dual Control

The 2 wired controls connected with the same AC can be installed on different positions so that people can adjust AC settings through nearest wired controller conveniently in large space instead of moving long distance to reach the control. It needs both air conditioners and wired control have dual control function.



Centralized Controller

The XYE port on the indoor unit PCB can support centralized control through a centralized controller or BMS gateway (BACnet, LonWorks, Modbus). One centralized controller (eg. CCM30) can control up to 64 indoor units.

Midea Extra



4.3 In LCD
Display Screen



Wireless
Network



Programmable
Weekly Timer



Group Control
Dual Control



Error Code
Display



Touch Button

Control Options



Voice Control

Based on the M-Smart Security Protocol, Midea ducted system provides wireless solutions such as MSmarthome App control and voice control options.

Hey Siri!

Hey Google

Hey Alexa



Features and Functions

| CATEGORY | FEATURE (● standard ○ optional) | DESCRIPTION | DUCTED UNITS (low profile A6) | DUCTED UNITS (high static MHG) |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| | | |  INVERTER |  INVERTER |
| ECONOMY |  ECO Mode | Midea new energy-saving AC apply innovative ECO Mode, by pressing this button, AC will run into a 8-hour saving mode. | ● | ● |
| |  GA compressor Frequency Control | The frequency of traditional air conditioner has dramatic fluctuation during operation, leading to the instability of room temperature. However, Midea air conditioners break away from this pattern with our unique GA Stepless Comfort Technology. Its inverter frequency variation is so smooth that you wouldn't notice the room temperature fluctuation at all. | ● | ● |
| |  Gear | Three operating power options 50% , 75% , 100% | ○ (Depend on remote and wire controller model) | ○ (Depend on remote and wire controller model) |
| |  8°C Heating | In heating operation, the preset temperature of the air conditioner can be set 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 sever cold weather. | ○ (Depend on remote and wire controller model) | ○ (Depend on remote and wire controller model) |
| |  Multi Outdoor Fan Speed | Due to the DC fan motor, outdoor fan speeds are increased from 2 grades to 9 grades, more comfortable and energy saving. | ● | ● |
| COMFORT |  Indoor Stepless Fan Speed | Silent mode - between 1-20% Low mode - between 21-40% Medium mode - between 41-60% High mode - between 61-80% Super high - between 81-100%** Auto - selected by system Fan speed cannot be adjusted like this in Auto or Dry operation | ○ (Depend on remote and wire controller model) | ○ (Depend on remote and wire controller model) |
| |  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. | ○ Optional (depend on the remote / wire controller) | ○ Optional (depend on the remote / wire controller) |
| |  Turbo Mode | This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly. | ● | ● |
| |  Power Down Memory | Revert back to last settings in the event of power outage | ● | ● |
| |  Timer | Set the unit to start and stop automatically in a 24h period. | ● | ● |
| |  Weekly Timer | Preset the operation of every day on wired controller for a period of 7 days. And this presetting will rotate over every 7 days. | ○ (Depend on remote and wire controller model) | ○ (Depend on remote and wire controller model) |
| |  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. | ● | ● |
| |  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. | ● | ● |
| |  Fast Cool/Heat Function | Once start this function, the compressor will maximize running frequency, thus you can enjoy cooling and heating in seconds. | ● | ● |
| |  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. | ● | ● |
| |  Independent Dehumidification | Under independent dehumidification mode, AC will efficiently dehumidify the room. | ● | ● |
| |  Auto Defrosting | Prevent evaporator from freezing and maintain dehumidifying effect under low temperature environment. | ● | ● |
| |  0.5 Display | The temperature display can be accurate to 0.5 degrees. | ○ (Depend on remote and wire controller model) | ○ (Depend on remote and wire controller model) |
| |  Stream Cool Design | Outdoor Inverter PCB's are cooled by liquid refrigerant allowing for greater performance in higher ambients. | ● | ● |
| | HEALTH |  Prime Guard | 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. | ● |
|  New Fresh Air | | Reserver port for the new fresh air motor | ● | |
|  I-Clean | | Indoor unit will continue running at special combined mode blow and dry indoor evaporator after the unit switched off so as to keep clean and healthy. | ● | ● |
|  Dual Sweep | | After the air conditioner is shut down, the outdoor fan automatically reverses and uses the reverse air flow to clean the dust on the condenser, which can maintain the good heat exchange efficiency of the condenser for a long time, save energy and increase efficiency, and prolong the service life of the air conditioner. | ● | ● |

| | | | | |
|-------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| IOT |  App Control | With the mobile phone App control, you can easily turn off the AC outside your house via smart device. Furthermore, you can turn it on before you come back. | <input type="radio"/> | <input type="radio"/> |
| |  AI Speaker | Support google speaker , Alexa speaker and Apple SIRI | <input type="radio"/> | <input type="radio"/> |
| |  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. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Emergency Using Function | When temperature sensor error happens, the air conditioner will display error code and stop immediately, while Midea AC will display error and continue running in a proper status, to avoid the case that AC is in urgent need. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Engineer Mode | Main Functions can be changed by modifying programs of remote controller or wire controller.You can design your most comfortable settings and delete those you don't need. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| CONVENIENCE |  Easy Installation | Larger wiring terminals, single screw access to indoor PCB, spirit level on mounting bracket | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Easy Disassembly | Single screw access, fastening clips to unlatch fan module and single cable disconnect to release | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Water Drainage Pump Build-in | Up to 750mm water lift height ,easy to drainage water from indoor to outdoor | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Easy Clean | Full removal of indoor fan module to clean fan wheel, magnetic tracks on filter, finds its own location instead of trying to slide rails in | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Flexible Air Intake | Rear or bottom direction air-rture installation | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Easy Maintenance | Top or buttom maintenance | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Front Desk Control | With a smart control board Midea air conditioners can be turned on/off via long distance control signals. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  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. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Group Control | 1 wired controller can adjust the operation mode, temperature and fan speed of up to 16 indoor units together. It saves the cost and simplifies the control of multiple IDUs in big spaces where it needs even temperature. One command controls all of machines to keep them aligned. | <input type="radio"/> (Depend on remote and wire controller model) | <input type="radio"/> (Depend on remote and wire controller model) |
| |  2-Wires 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. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  AeroStic | The AeroStic saves installation effort and time than traditional methods. It can automatically finish ESP(External Static Pressure) match between ducted units and duct. Three simple steps and few minutes are all it needs. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  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. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| SAFETY |  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. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Rear Net | Rear net made of steel can protect the fin & coil of outdoor unit. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  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. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  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. | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  Rotation & Back-Up | Two air conditioners connected to same one wired controller can follow rotation setting. It allows to preset operation time and one AC will automatically switch on after another AC runs over setting time. If one of them meets operational problems or the temperature rise too high, the back-up unit turns on automatically. | <input type="radio"/> Optional (depend on the remote / wire controller) | <input type="radio"/> Optional (depend on the remote / wire controller) |
| |  Low Voltage Operation | Lowest voltage can reach 163V | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  DR Module | When connected to a Demand Response Enabling Device, this enables the Power Supplier to control the output of you air conditiner during peak power demand periods | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  High-Efficiency Fan Blades | Improved fan air movement with lower noise output allowing for greater efficiency and greater comfort | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| |  T Shape Design | Stronger T shaped design on outdoor cabinet | <input checked="" type="radio"/> | <input checked="" type="radio"/> |

*Functions can only be enabled using RC-EXZ3A wired controller.

FDU224KXZE1 and FDU280KXZE1 do not include built-in drain pumps.

Drain pump assembly can be purchased from MRE spare parts.

On/off timer, weekly timer and sleep timer are disabled if Wi-Fi accessory connected.Similar functions can be set via the AC Cloud application.

Product Specifications

A6 MSP Duct



| Indoor | | | DUCM1701B | UCM1901B |
|-------------------------------|------------------------------|----------|-----------------------------|-----------------------------|
| Outdoor | | | UCM1700B | UCM1900B |
| Power supply | | Ph-V-Hz | 220-240V,1Ph,50Hz | |
| Cooling | Capacity | KW | 7.3 | 10.5 |
| | Capacity range | KW | 2.4-9 | 3.2-11.9 |
| | Input | W | 2100 | 3200 |
| | Input range | W | 537-2914 | 740-3945 |
| | Rated current | A | 9.8 (3.60-12.76) | 14.5 (3.8-17.5) |
| | EER | W/W | 3.452 | 3.281 |
| | STAR(hot/average/cold) | | ★★★★/★★★★/★★★★☆ | ★★★★/★★★★/★★★★ |
| Heating | Capacity | KW | 7.4 | 11 |
| | Capacity range | KW | 1.8-10.5 | 3.5-13.5 |
| | Input | W | 1800 | 2650 |
| | Input range | W | 363-2955 | 480-3344 |
| | Rated current | A | 7.9 (2.47-12.92) | 12.8 (3.75-14.85) |
| | COP | W/W | 4.08 | 4.15 |
| | STAR(hot/average/cold) | | ★★★/★★★/★★ | ★★★★/★★★/★★ |
| Rated Power Input | | W | 3400 | 4600 |
| Maximum Current | | A | 16 | 21 |
| Maximum indoor air flow | | L/S | 474 | 694 |
| External Static Pressure | Rated | Pa | 25 | 37 |
| | Range | Pa | 0-160 | 0-160 |
| Indoor sound power level | | dB(A) | 52.5 | 60 |
| Indoor unit | Dimension(H*W*D) | mm | 249x1100x774 | 249x1360x774 |
| | Packing(H*W*D) | mm | 315x1305x805 | 330x1570x805 |
| | Net/Gross weight | kg | 31.6/38.3 | 39.9/47.6 |
| Outdoor air flow | | L/S | 1056 | 1388 |
| Outdoor sound pressure level | | dB(A) | 60 | 60 |
| Outdoor sound power level | | dB(A) | 65 | 68 |
| Throttle type | | / | EXV+Throttle valve | EXV+Throttle valve |
| Outdoor unit | Dimension(H*W*D) | mm | 673x890x342 | 810x946x410 |
| | Packing (H*W*D) | mm | 740x995x398 | 885x1090x500 |
| | Net/Gross weight | kg | 45/47.8 | 70.1/74.5 |
| Refrigerant type | | kg | R32/1.75 | R32/2.6 |
| Pre-charged length | | m | 20 | 20 |
| Additional Pre-Charge | | g/m | 24 | 24 |
| Design pressure | | MPa | 4.3/1.7 | 4.3/1.7 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | 9.52mm(3/8in)/15.9mm(5/8in) | 9.52mm(3/8in)/15.9mm(5/8in) |
| | Max. refrigerant pipe length | m | 50 | 75 |
| | Min. refrigerant pipe length | m | 3 | 3 |
| | Max. difference in level | m | 25 | 30 |
| Supply Air Opening(H*W, ange) | | | 175*926 | 175*1186 |
| Return Air Opening(H*W, ange) | | | 1001*228 | 228x1261 |
| Room temperature | Indoor(cooling/ heating) | °C | 17~32/0~30 | 17~32/0~30 |
| | Outdoor(cooling/heating) | °C | 0~50/-20~24 | 0~50/-20~24 |

Remark

- Cooling: indoor temperature 27 DB/19 WB and outdoor temperature 35 DB/24 WB; Heating: indoor temperature 20 DB/15 WB and outdoor temperature 7 DB/ 6 WB
- All the product design and specifications are subject to change without prior notice.

HSP Duct



| Indoor | | | DUCMI105IHB | DUCMI125IHB | DUCMI140IHB | DUCMI170IHB |
|-------------------------------|------------------------------|----------|-----------------------------|-----------------------------|-----------------------------|---------------------------|
| Outdoor | | | UCMI105OB | UCMI125OB | UCMI140OB | UCMI170OB |
| Power supply | | Ph-V-Hz | 220-240V,1Ph,50Hz | 220-240V,1Ph,50Hz | 220-240V,1Ph,50Hz | 220-240V,1Ph,50Hz |
| Cooling | Capacity | KW | 10 | 12.5 | 14 | 17 |
| | Capacity range | KW | 3.2-11.9 | 4.2-15.8 | 4.2-15.8 | 6.8-19.5 |
| | Input | W | 3100 | 3550 | 4200 | 5250 |
| | Input range | W | 613-3850 | 1010-6450 | 1010-6450 | 1063-6450 |
| | Rated current | A | 14.2 (4.6-17) | 18.2 (6.57-28.5) | 18.2 (6.57-28.5) | 22.5(6.8-28.5) |
| | EER | W/W | 3.226 | 3.521 | 3.333 | 3.238 |
| | STAR(hot/average/cold) | | ★★★★☆/★★★★/★★★★☆ | ★★★★☆/★★★★/★★★★☆ | ★★★/★★★/★★★ | ★★★★☆/★★★★/★★★★☆ |
| Heating | Capacity | KW | 11 | 13 | 14.5 | 17.5 |
| | Capacity range | KW | 3.5-13.5 | 4.4-16.7 | 4.4-16.7 | 2.9-21.1 |
| | Input | W | 2750 | 3000 | 3750 | 4450 |
| | Input range | W | 2700 (490-3300) | 520-5260 | 520-5260 | 600-5000 |
| | Rated current | A | 12.8 (3.3-14.7) | 16.3 (3.7-23) | 16.3 (3.7-23) | 19.5(4.6-22.2) |
| | COP | W/W | 4.00 | 4.33 | 3.87 | 3.93 |
| | STAR(hot/average/cold) | | ★★★/★★★/★★★ | ★★★/★★★/★★★ | ★★★/★★★/★★★ | ★★★★☆/★★★★/★★★ |
| Rated Power Input | | W | 4600 | 7000 | 7000 | 7000 |
| Maximum Current | | A | 21 | 31 | 31 | 31 |
| Maximum indoor air flow | | L/S | 736 | 1048 | 1048 | 1139 |
| External Static Pressure | Rated | Pa | 37 | 50 | 50 | 50 |
| | Range | Pa | 0-200 | 0-200 | 0-200 | 0-200 |
| Indoor sound power level | | dB(A) | 60.5 | 66 | 66 | 66 |
| Indoor unit | Dimension(H*W*D) | mm | 380x1200x625 | 380x1200x625 | 380x1200x625 | 440x1400x858 |
| | Packing(H*W*D) | mm | 460x1485x675 | 460x1485x675 | 460x1485x675 | 515x1605x910 |
| | Net/Gross weight | kg | 54/62 | 53.3/61.6 | 53.3/61.6 | 81.1/91.6 |
| Outdoor air flow | | L/S | 1389 | 2111 | 2111 | 2111 |
| Outdoor sound pressure level | | dB(A) | 62 | 60 | 60 | 60.5 |
| Outdoor sound power level | | dB(A) | 68 | 69.5 | 69.5 | 72.0 |
| Throttle type | | / | EXV+Throttle valve | EXV+Throttle valve | EXV+Throttle valve | EXV+Throttle valve |
| Outdoor unit | Dimension(H*W*D) | mm | 810x946x410 | 1333x952x415 | 1333x952x415 | 1333x952x415 |
| | Packing (H*W*D) | mm | 885x1090x500 | 1480x1095x495 | 1480x1095x495 | 1480x1095x495 |
| | Net/Gross weight | kg | 70.1/74.5 | 95.1/109.2 | 95.1/109.2 | 95.8/110 |
| Refrigerant type | | kg | R32/2.6 | R32/3.6 | R32/3.6 | R32/4.0 |
| Pre-charged length | | m | 20 | 20 | 20 | 20 |
| Additional Pre-Charge | | g/m | 24 | 24 | 24 | 24 |
| Design pressure | | MPa | 4.3/1.7 | 4.3/1.7 | 4.3/1.7 | 4.3/1.7 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | 9.52mm(3/8in)/15.9mm(5/8in) | 9.52mm(3/8in)/15.9mm(5/8in) | 9.52mm(3/8in)/15.9mm(5/8in) | 9.52mm(3/8in)/19mm(3/4in) |
| | Max. refrigerant pipe length | m | 75 | 75 | 75 | 75 |
| | Min. refrigerant pipe length | m | 3 | 3 | 3 | 3 |
| | Max. difference in level | m | 30 | 30 | 30 | 30 |
| Supply Air Opening(H*W, ange) | | | 253x1000 | 253x1000 | 253x1000 | 385x1188 |
| Return Air Opening(H*W, ange) | | | 334x1145 | 334x1145 | 334x1145 | 385x1188 |
| Room temperature | Indoor(cooling/ heating) | °C | 17~32/0~30 | 17~32/0~30 | 17~32/0~30 | 17~32/0~30 |
| | Outdoor(cooling/heating) | °C | 0~50/-20~24 | 0~50/-20~24 | 0~50/-20~24 | 0~50/-20~24 |

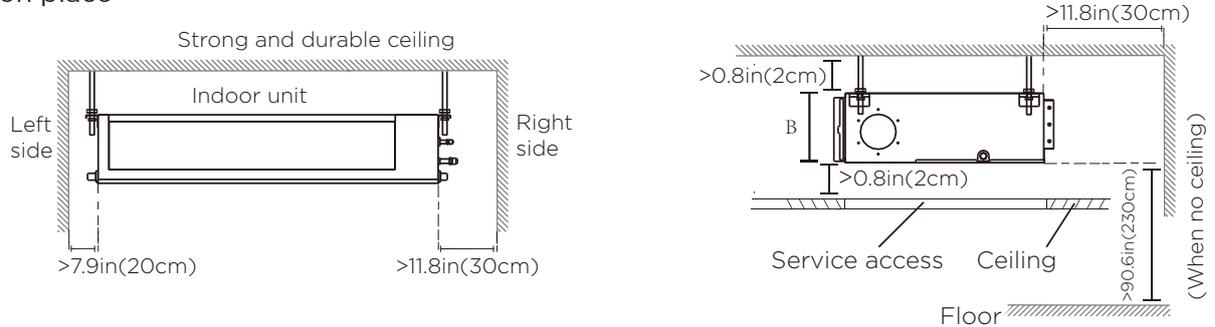
Remark

- Cooling: indoor temperature 27 DB/19 WB and outdoor temperature 35 DB/24 WB; Heating: indoor temperature 20 DB/15 WB and outdoor temperature 7 DB/ 6 WB
- All the product design and specifications are subject to change without prior notice.

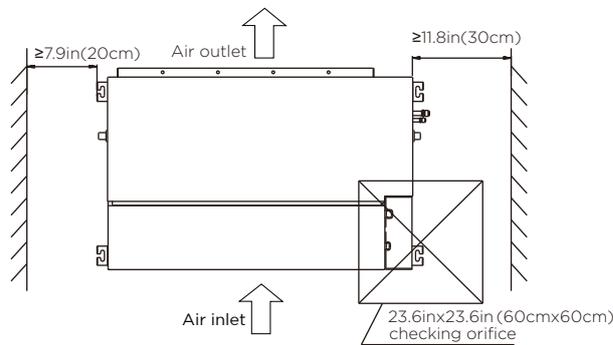
Indoor Unit Installation

A6 Duct

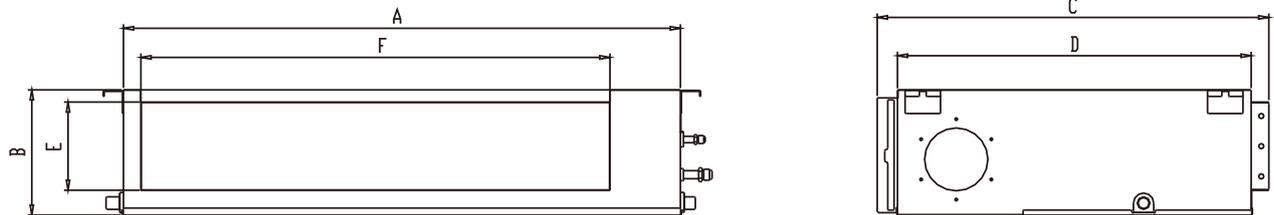
Installation place



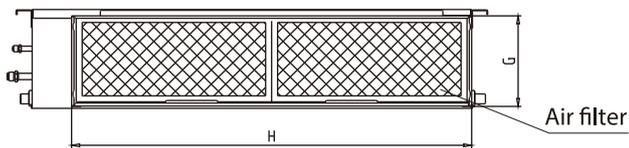
Maintenance space



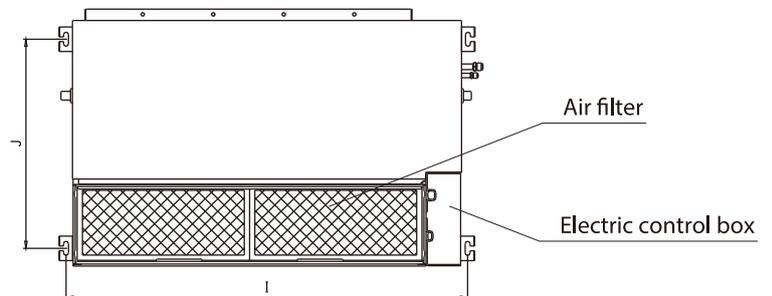
Air outlet dimensions



Air inlet dimensions



Descending ventilation opening and mounted hook

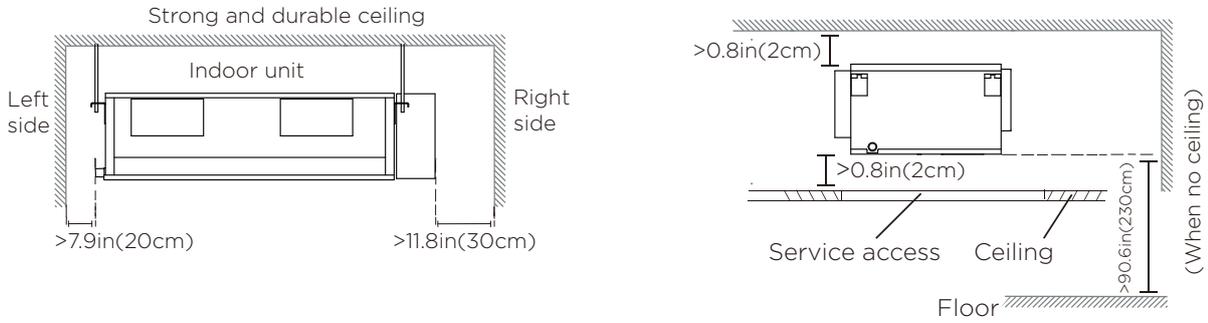


(unit: mm/inch)

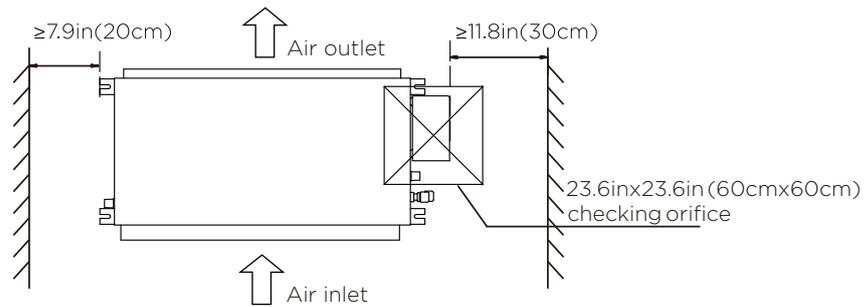
| Model (kw) | Outline dimension | | | | ir outlet opening size | | ir return opening size | | Size of mounted lug | |
|------------|-------------------|---------|----------|----------|------------------------|-----------|------------------------|-----------|---------------------|----------|
| | A | B | C | D | E | F | G | H | I | J |
| 7kw | 1100/43.3 | 249/9.8 | 774/30.5 | 700/27.6 | 175/6.9 | 926/36.5 | 228/8.9 | 1001/39.4 | 1140/44.9 | 598/23.5 |
| 9kw | 1360/53.5 | 249/9.8 | 774/30.5 | 700/27.6 | 175/6.9 | 1186/46.7 | 228/8.9 | 1261/49.6 | 1400/55.1 | 598/23.5 |

High Static Pressure Duct

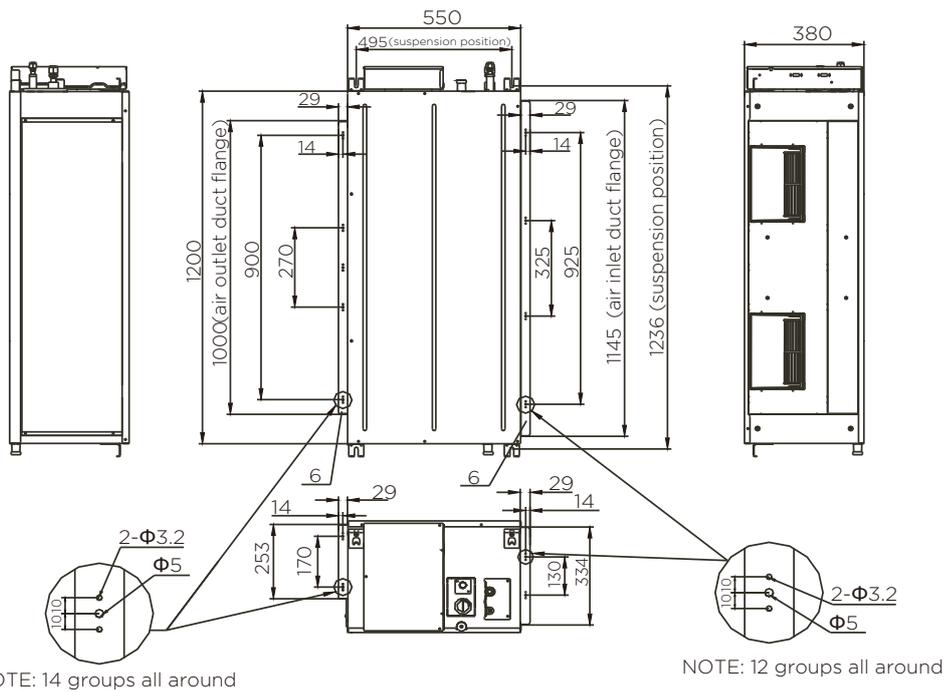
Installation place



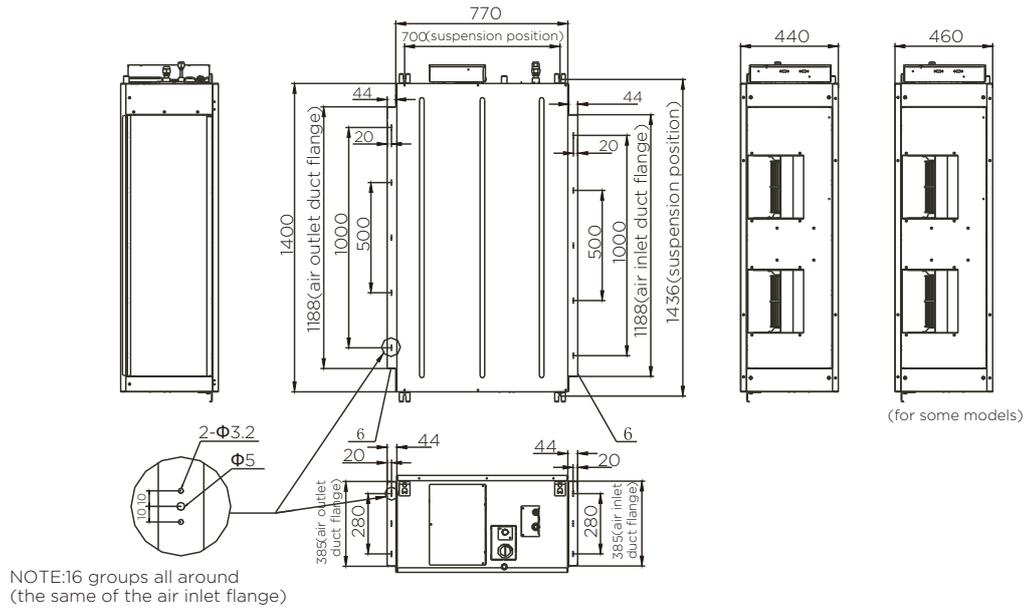
Maintenance space



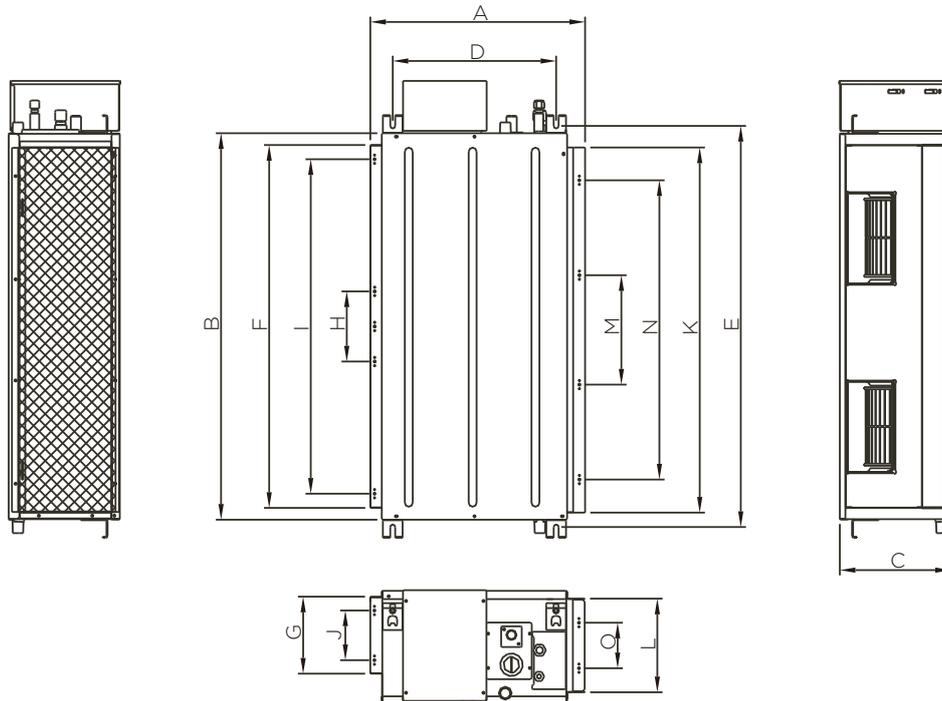
Applicable to 10.5kw/12.5kw/14kw only



Applicable to 17kw only



The size of installation for indoor unit following , this unit has installed with air filter.



(unit: mm/inch)

| Model (kw) | Outline dimension | | | Size of mounted lug | | Air outlet opening size (symmetry of air outlet opening) | | | | | Air inlet opening size (symmetry of air inlet opening) | | | | |
|--------------------------|-------------------|-----------|-------------------------|---------------------|-----------|----------------------------------------------------------|--------|----------|-----------|---------|--------------------------------------------------------|----------|----------|-----------|---------|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| 10.5kw 12.5kw 14kw | 625/24.6 | 1200/47.2 | 380/15 | 495/19.5 | 1236/48.6 | 1000/39.3 | 253/10 | 270/10.6 | 900/35.4 | 170/6.7 | 1145/45 | 334/13.1 | 325/12.8 | 925/36.4 | 130/5.1 |
| 17kw | 858/33.8 | 1400/55.1 | 440/17.3 or 460/18.1 | 700/27.5 | 1436/56.5 | 1188/46.7 | 385/15 | 500/20 | 1000/39.3 | 280/11 | 1188/46.7 | 385/15 | 500/20 | 1000/39.3 | 280/11 |

Midea is my idea

**World's No.1
Air Treatment Brand**



* Source Euromonitor International (Shanghai)Limited; Consumer Appliances
22ed, retail volume sales in unit, 2021 data

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