



# PRODUCT CATALOGUE

## 2025

# LIGHT COMMERCIAL AIR CONDITIONER

# INVERTER TECHNOLOGY



## THE EXCLUSIVE INVERTER QUATTRO™ TECHNOLOGY

A brain that calculates your needs in any conditions

- Up to **71%** Ultra Energy Saving **65Hz in 6 seconds** Flash Cooling
- Within **±1°C** Comfort With Stable Temperature



## FULL DC INVERTER SYSTEM

Thanks to the Full DC Inverter System, Midea's air conditioners achieved 20% higher energy efficiency compared to normal AC inverters.



### Sine-Wave DC inverter control

High energy efficiency and low noise operation is realized by using a sine-wave DC inverter control



### Exclusive rare Earth magnet motor

Higher speed, better efficiency

### i-Balance Operation



### IPM DC Fan Motor

Produces 10% higher efficiency with smaller size

# DC Inverter Compressor

A series of hardware technology improvements ensure that the compressor operates more efficiently and economically at low frequencies, enhancing the overall efficiency of the unit.

## Global No.1

**45% market share in global compressor manufacturing**

## 1 Billion

**cumulative sales of GMCC A/C Rotary Compressors**

## 1 Out of Every 2 ACs

**uses GMCC compressor worldwide**



Indoor DC Fan Motor

Outdoor DC Fan Motor

# DC Inverter Motor

Through intelligent control systems and inverter technology, DC inverter motor could achieve energy savings and be resistant to voltage fluctuations, ensuring high-efficient and stable operation.

### Benefits:

#### 100-gears Wind Speed Control on Indoor Unit

Adjust the fan speed precisely by increasing or decreasing the AC in 1% increments up to 100 levels

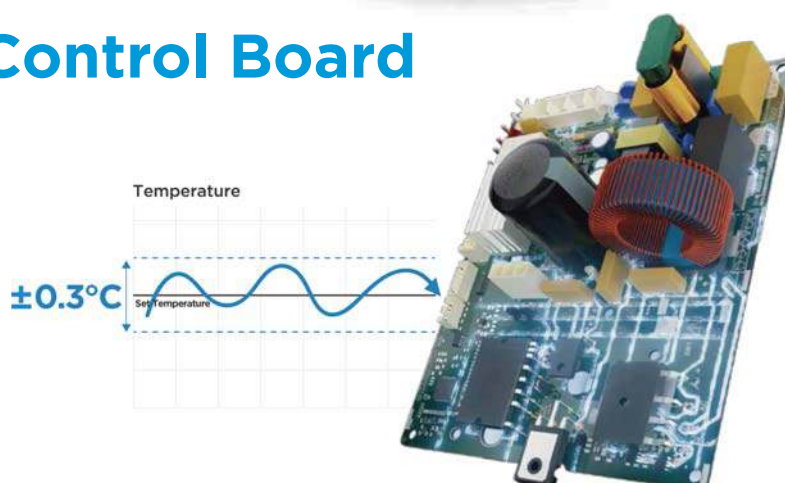
#### Auto Dedusting on Outdoor Unit

Use the Auto Dedusting mode to rotate the outdoor unit in reverse to remove dust



# Ultra Electronic Control Board

With the upgraded air conditioning control software algorithm, the ultra main PCB allows for more precise AC operation, resulting in temperature control within  $\pm 0.3^{\circ}\text{C}$  for a more comfortable experience, ensuring high-efficient and stable operation.



# HIGHER ENERGY EFFICIENCY

Eco-Friendly and Economic-friendly

## LOWER POWER CONSUMPTION

Midea's air conditioner achieves EERs of 3.72 for cooling operation and COPs of 4.6 for heating operation thanks to Midea's DC Inverter control and the high efficiency tube of the heat exchanger.

Midea former model EER 2.6

increase  
**30%**

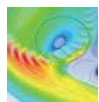
### Bionic Blower Wheel and Improved Air Duct



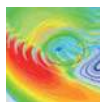
Ordinary fan blade design



Midea high static pressure fan blade design



Standard air duct damper



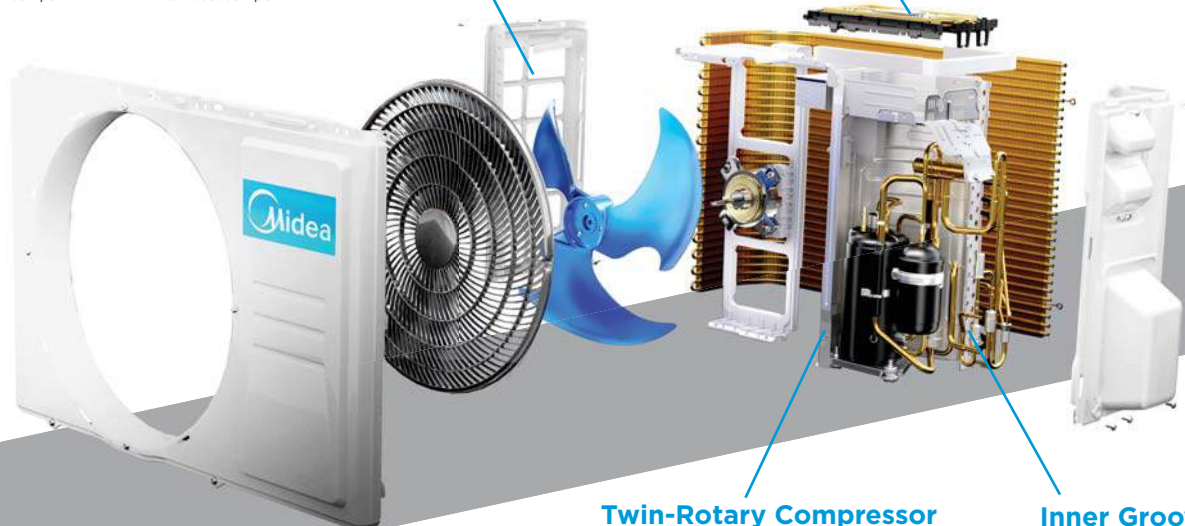
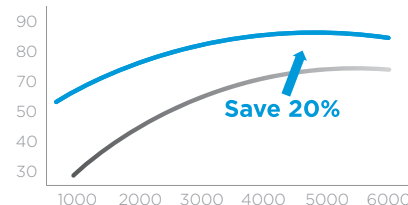
High-efficiency air duct damper

### V-PAM (Vector + I-PAM) Inverter Control

Provide maximum speed and efficiency.

Full DC Inverter Control

Efficiency %



### Twin-Rotary Compressor

Low vibration & noise due to small torque.

### Inner Groove-Tube

Better efficiency of heat transfer.



## iECO Mode

One click to limit the maximum frequency current while still maintain the room temperature within the optimal temperature, guarantee a cool night sleep with maximum energy saving.



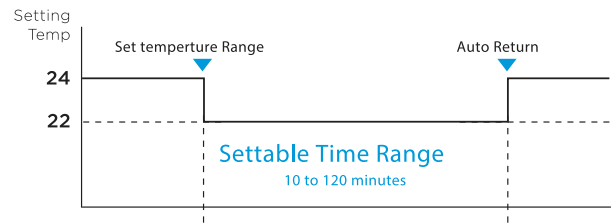
## Golden Fin

The golden finned hydrophilic coil efficiently prevents bacteria creating a healthy environment, it can improve heat exchange. The unique anti-corrosive gold plating can withstand salty air, rain and other corrosive elements.



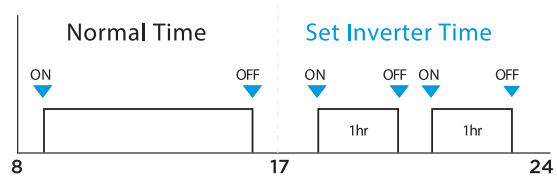
## Automatic Temperature Return

The temperature can automatically return to the previous setting point. This function is especially useful for shops or restaurants that return to a higher temperature after the busy hours.



## Automatic Time-off

The outdoor unit can automatically turn off when it reaches to the preset operating time frame to prevent energy wasting even when you leave with the AC on.



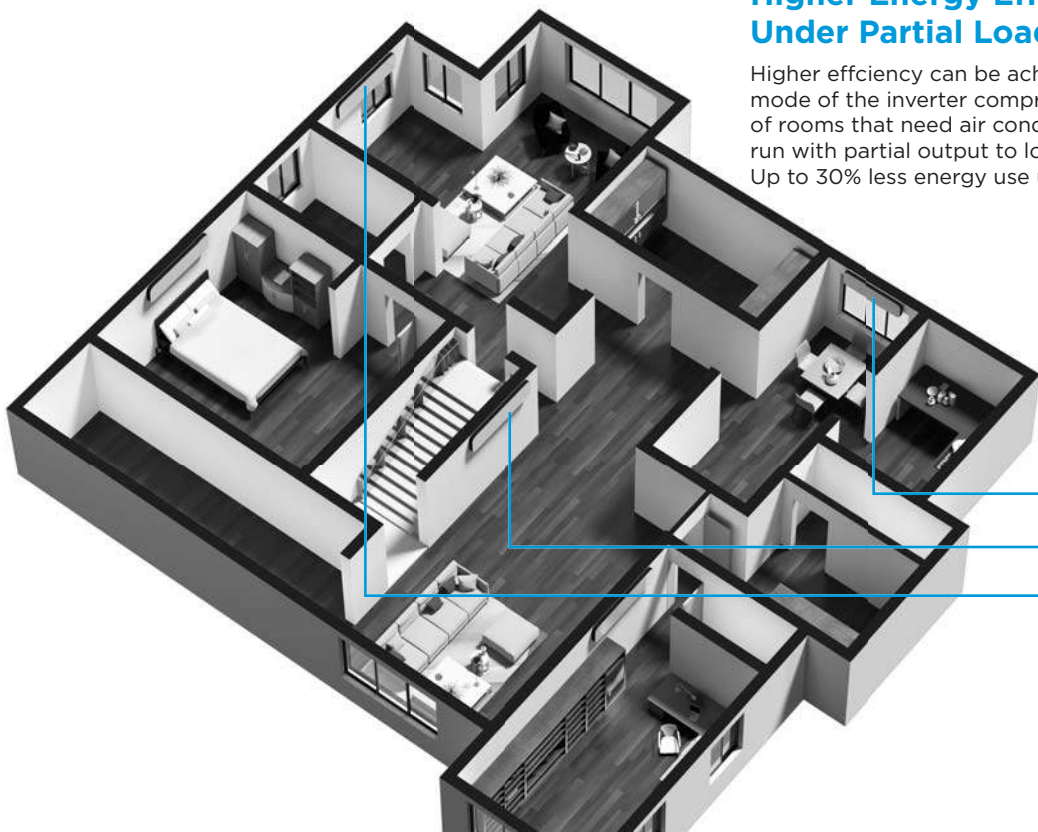
## Set Temperature Limitation

The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.

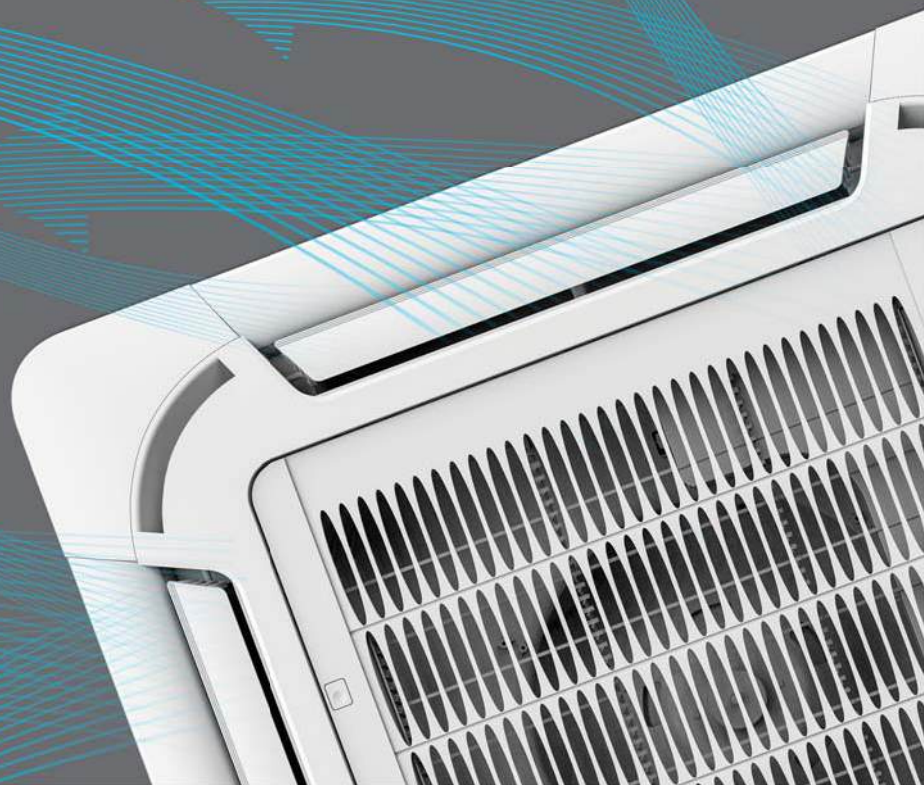


## 30% Higher Energy Efficiency Under Partial Load

Higher efficiency can be achieved through partial output mode of the inverter compressor. In situations only a part of rooms that need air conditioning, the outdoor unit will run with partial output to lower the power consumption. Up to 30% less energy use under partial load.



# BETTER COMFORT



## LOW NOISE TECHNOLOGY

Midea's air conditioner operates at minimum 19dB(A) low noise level.

### Indoor fan design



Traditional centrifugal  
wind turbines



Owl airfoil centrifugal  
wind turbines

\*Specifications may vary for each model



### Twin-Rotary Compressor

The Twin-Rolling compressor system rotating with 180° symmetrical balance which ensure low vibration and noise due to the small torque.

### Air Stabilizer in Duct

Low noise duct structure with a built-in air stabilizer.



### IPM DC Fan Motor

Midea's exclusive IPM DC Fan Motor feature 35% smaller in size while 10% higher in efficiency, providing substantial air volume and high static pressure, while keeping electrical and mechanical noise lower (1-3dB (A) quieter).



19dB  
MINI DUCT



22dB  
LIBRARY



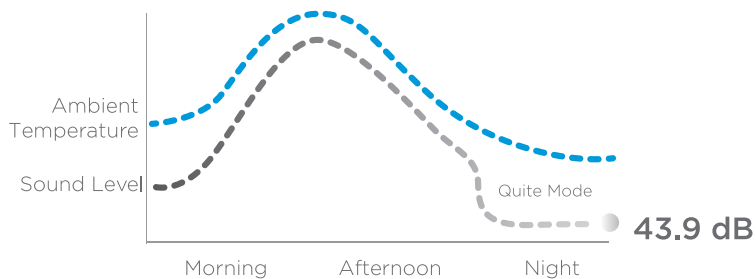
26dB  
FOREST



41dB  
CEILING &  
FLOOR



43dB  
CASSETTE



## Low-noise outdoor unit operation

Quiet mode activates when the ambient temperature falls. At the right moment, the outdoor unit will automatically lower the operating frequency of the inverter compressor as well as the speed of the DC fan motor, achieving a minimal 43.9 dB(A) noise level.

## 30% faster in Cooling

Thanks to the Inverter Quattro™ technology, Midea's air conditioner can increase the speed to approximately 30% in cooling while consuming less energy, by accurately sense the temperature difference and adjust the compressor rotation speed to create optimal and comfortable room temperature.



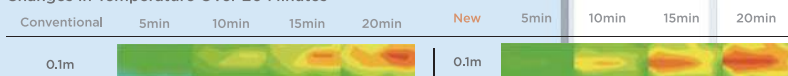
Keeping you steadily cool within

# ± 1°C

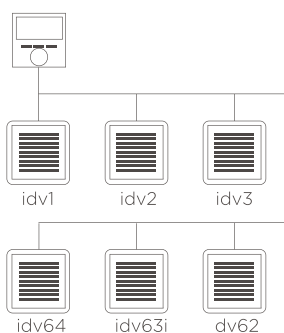
## Precise Temperature Control

Thanks to the precise control of the Inverter Quattro™'s micro-chip, Midea's air conditioner can easily maintain the desired temperature by varying the compressor speed without repeatedly turning on and off, keeping you comfortable with steady temperature within 1 °C.

Changes in Temperature Over 20 Minutes



## FLEXIBLE ZONING CONTROL



## Convenient Remote Controller

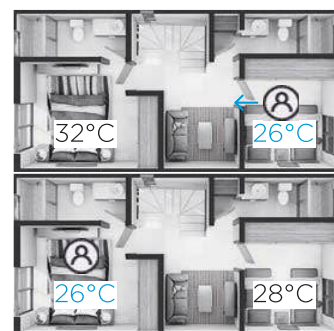
## Max64 Centralized Control



## Weekly Timer



## Sleep Mode



## Follow Me

# HIGHER RELIABILITY

## Worry-Free and Guaranteed for Life

Midea's AC system offers greatly improved reliability for all weather conditions, reducing calls out to site.



### High-Efficiency Tube

The increased heat exchange area improves the efficiency of heat transfer, allowing faster heating.



### Compressor High Racer Frequency Technology

Like a runner sprinting to the line, this tech enables the compressor to achieve maximum frequency in split of the moment upon start up, providing powerful cooling once the air conditioner is on.

## A HIGH STANDARD SUMMONSA GREATER CHALLENGER

Damp And Salty Areas

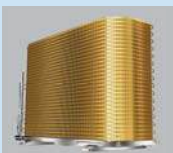


## 72-hours ammonia water test



### High Stress-corrosion Resistance

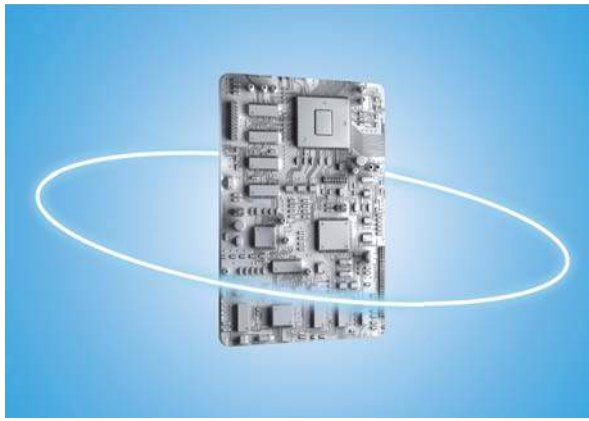
Midea conducts 72-hour anti-stress-corrosion testing for core copper components, exceeding normal 4-hour testing standards by a factor of 18. Results demonstrate that Midea's copper core components perform 15 times better on average than competitors in stress-corrosion resistance.



### Golden Fin Coating

68% stronger hydrophilicity and 3 times higher corrosion resistance compare to the conventional heat exchanger. The patented PrimeGuard™ Coating protects the surface of the heat exchanger from unnecessary wear and corrosion while ensure high efficiency.

**100**-hours Salt Spray Tests  
and  
**3000**-times Wetting-drying Tests



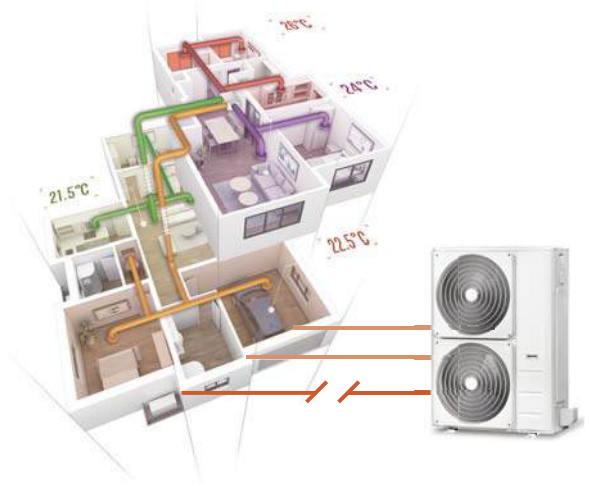
### PCB Protection Design

For better protection of the PCB, using the military grade rubber resin material as coating, further enhance the PCB's resistance to acid and alkali elements (rain and humidity).



### Full Surrounding Design E-box

The indoor unit E-box is fully surrounded by the flame retarding plastic & metal plate material as protection against fire, humidity or small animals.



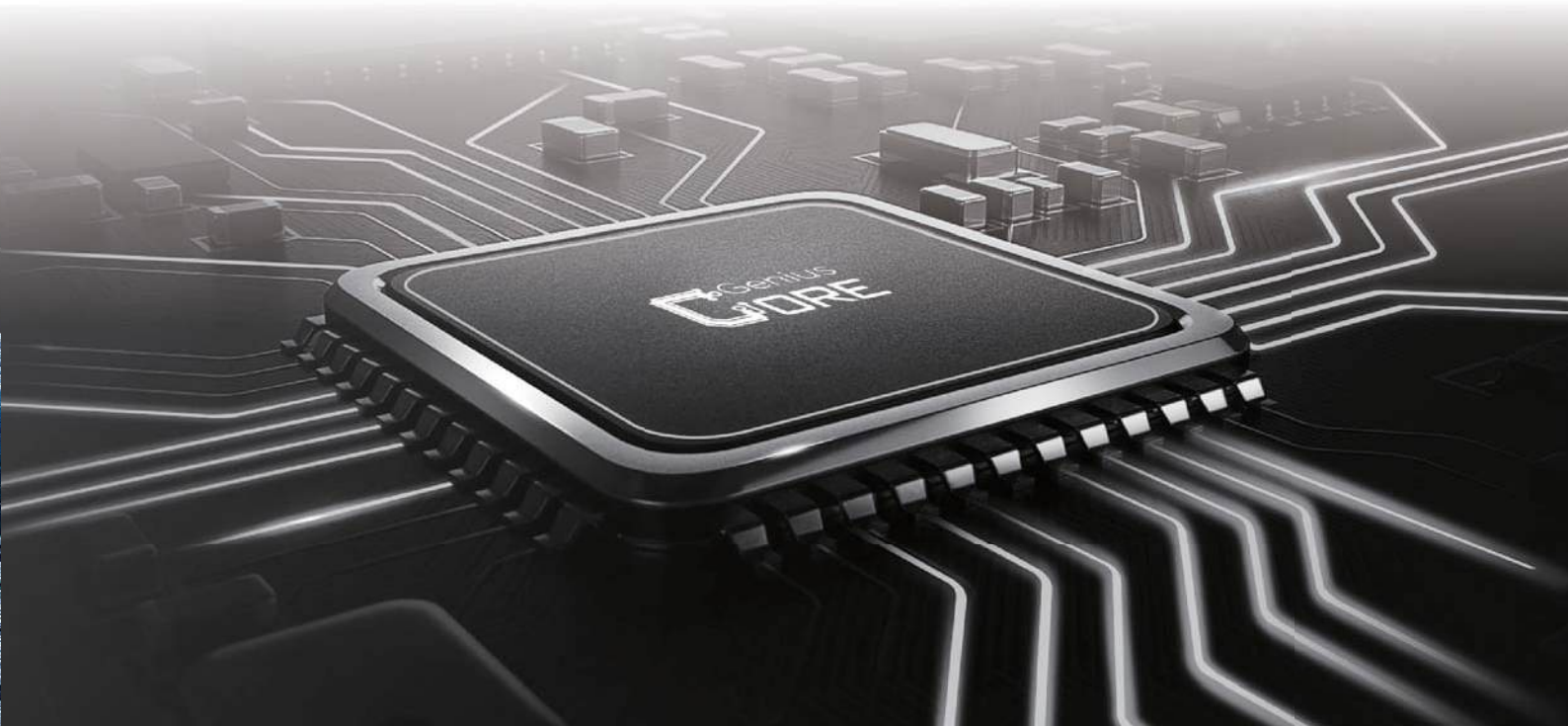
### Continuous Operation of IDU (Multi split type)

Each indoor unit is controlled individually on the system network. This allows all indoor unit will continue to work even if an error might occur at any indoor unit's on the AC system.

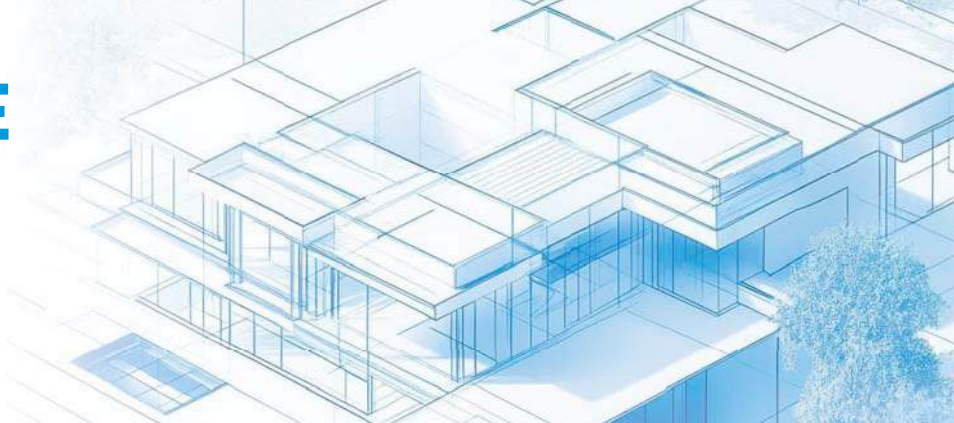


### Wide Voltage Operation Range

The Midea PCB was enhanced to increase its ability to withstand the widest voltage fluctuations from down 150v to 260v, thus ensuring your air conditioner stably running under wide voltage operations without a separate voltage stabilizer.



# MIDEA SPACE SOLUTIONS



## SMALL OFFICES

Midea offers total air conditioning systems for small-sized offices buildings, taking into account energy saving, low noise, comfortable airflow, small room application and centralized control, ensure optimal experience in every corner at work.

### HARNESSING THE AIRFLOW



CASSETTE

### A FULL PORTFOLIO TO MEET A WIDE RANGE OF NEEDS.



Ceiling Concealed



Super Slim Cassette



Ceiling & Floor

### MIDEA PROVIDES MULTIPLE CONTROL OPTIONS TO SUPPORT FLEXIBLE MANAGEMENT AND IMPROVED OPERABILITY.

- Individual Control
- Zoon Control
- BMS Support



## SCHOOLS

Flexible to install and convenient to maintain, total air conditioning solutions for schools are designed for both small spaces like dormitories and large spaces like libraries.

### CANTEEN, AUDITORIUM AND SHARED PLACE

for Every Zone Enough and Even Airflow Volume



Ceiling Concealed

### LIBRARY

Absolute Quiet for Even the Most Demanding Condition



Super Slim Cassette

### A RANGE OF INDOOR UNITS

Various Indoor Units Options with Convenient Control Systems



Ceiling Concealed



Ceiling & Floor



Floor Standing



## HOTELS

Total air conditioning solutions for hotels of all types and sizes. Fresh air, a quiet environment, comfortable airflow, and a range of climate control solutions give your guests the perfect stay. Cost saving is easy with our market-leading energy saving and easy maintenance features.

### FOR PUBLIC SPACES



Super Slim Cassette



Ceiling Concealed

An efficient solution in a range of capacities



12K - 60K

Small Yet Versatile

8% smaller size

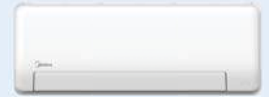


New product



Conventional product

### FOR GUEST ROOMS



All Easy Split AC



Ceiling Concealed



## RESTAURANTS & SHOPS

Midea's total air conditioning options create the perfect ambience for restaurants and shops by combining functional and stylistic features. The minimal design of the DUs' appearance allows them to blend naturally into any modern environment, while different systems provide ideal experience for high density of customers.

### SINGLE SPLIT

The Beauty of Invisible Comfort



Super Slim Cassette



Ceiling Concealed

### SIMULTANEOUS MULTI

Twin Systems with Sync Control



Ceiling Concealed



Super Slim Cassette



Ceiling & Floor

### SIMPLE INSTALLATION OPTIONS



Ceiling & Floor



Floor Standing



## RESIDENCES

Midea provides products that match your spaces and the rhythms of your life, from living rooms where the whole family relaxes to small rooms such as bedrooms and children's rooms.

### FOR LARGE LIVING ROOM OR DINING ROOMS

Ceiling Concealed



### FOR MASTER BEDROOM, LIVING ROOM OR KIDS ROOMS

Breezeless Split AC



### FOR SMALL ROOMS OR HOME OFFICES

AF Inverter Split AC

### OUTDOOR UNITS SUITABLE FOR RESIDENTIAL ENVIRONMENTS

Ceiling Concealed

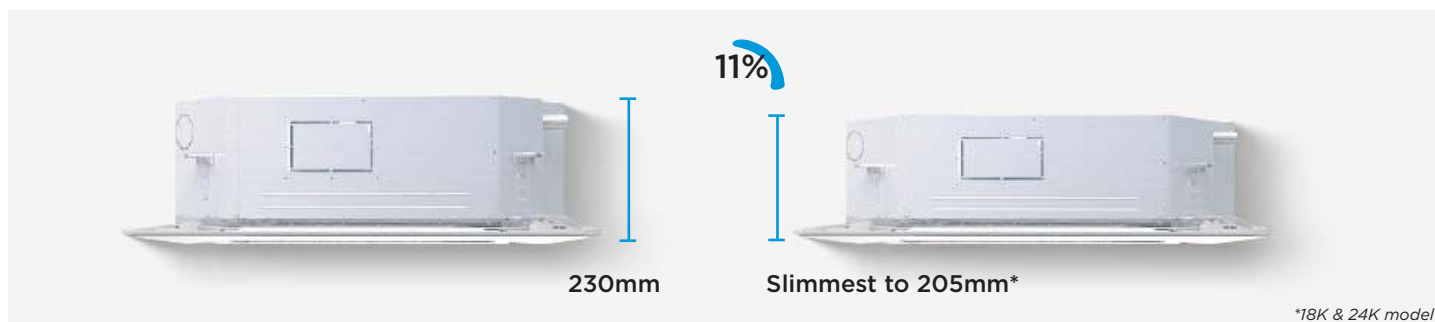


# CEILING CASSETTE



## Super Slim Design

It now requires less space for installation. Midea cassette is much slimmer thanks to the redesigned heat exchanger and overall structure.



## Re-structure Drain Pump

**30 minutes faster for water pump maintenance**  
Thanks to the innovative WindTrack design, the drain pump is placed outside the air channel, which means ultra easy access to drain pump that all you need is to remove the panel.

**Lifting height up to 1000 mm**  
Equipped with an external drain pump, Midea Cassette can lift condensate water up to 1000mm, making the installation and the discharge of condensate water much easier.



## Enlarge Space For Piping

More friendly for handwork operation



## User-friendly Hook Design

Curved metal hook with more ergonomic is easier to carry and uplift the machine.

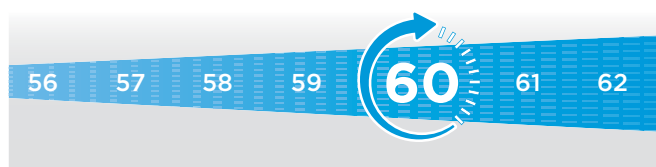
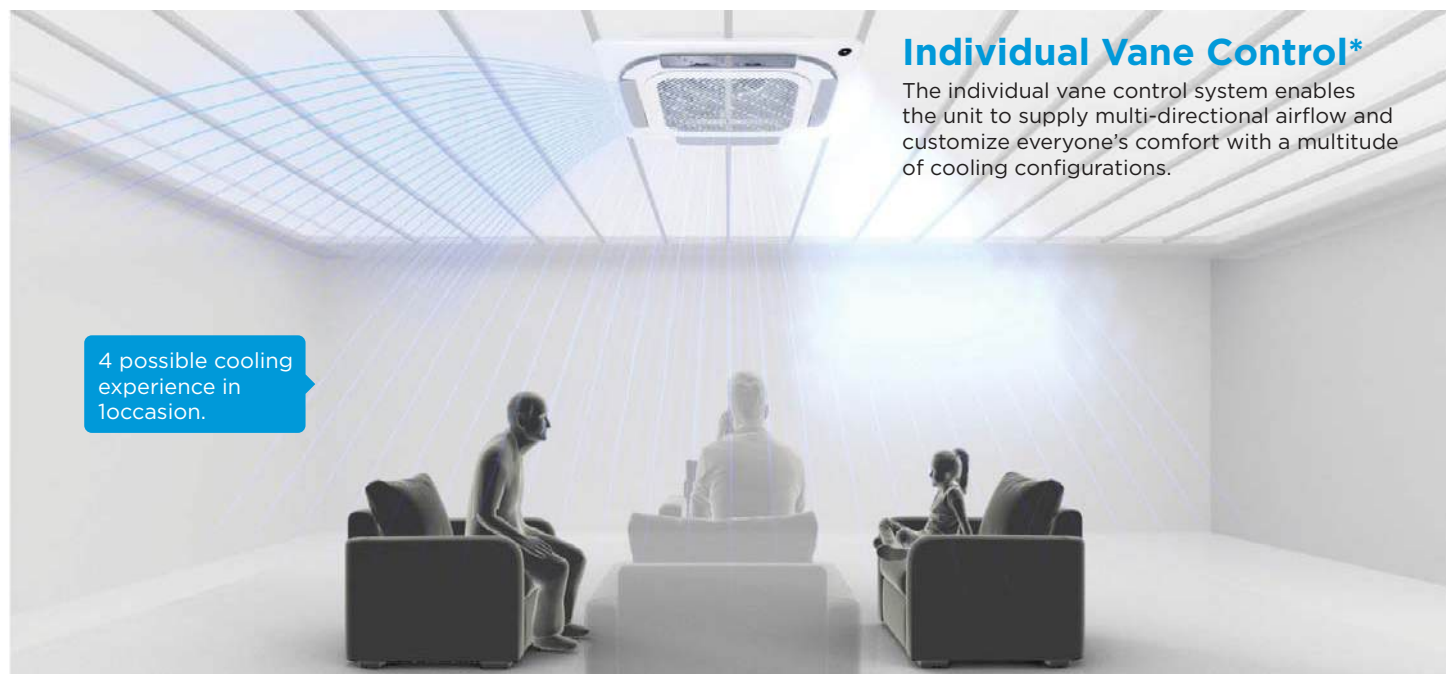


## Wired Remote Controller (Optional)

# REAL COMFORT WITHOUT COMPROMISE

## Power Breezeless Technology\*

Exclusive power breezeless wind deflector contains over 3920 micro-holes. Each hole is in hourglass-shaped to boost then disperse the air stream as it funnels through all the micro-holes are distributed in different direction and size together turning the strong blast into cool, billowing mist.

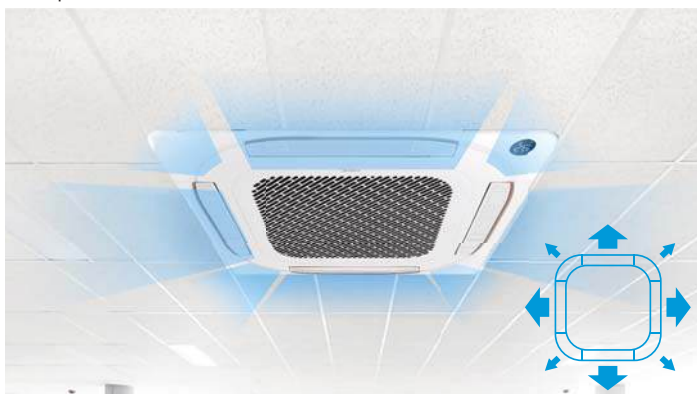


## 0-100% Stepless fan speed\*

0-100% fan speed can be precisely controlled in 1% increments, breaking the traditional fixed fan speed.

## 360° Round Flow

Unique seamless airflow louver design allows cool air to diffuse and sink in 360°, offering uniform cooling experience throughout the space.



## Adjustable Vane and Long Airflow

Adjustable Vane from 0° to 75° and 5.5 meters long airflow, no corner in your room is beyond its reach.



\* For premium inverter series only

# REAL CONVENIENCE WITHOUT HASSLE

Get rid of control trouble through wired and wireless controllers

## Smart Control\*

Based on the cloud service under M-Smart Security Protocol, the MSmartHome app makes your life easier, smarter and more comfortable with versatile functions just in hand.



### App-based Remote Control

\*Only premium inverter series build-in smart kit, others must choose wired controller model with Smart Control function



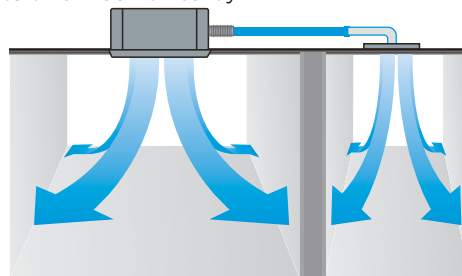
## LED Display

Larger LED display design, easier to check temperature at any time.



## Reserved Air Outlet For Duct

Reserves the space for air outlet from the side of indoor unit. It's available to connect air duct from side to small rooms nearby.



## Wired Controller (Optional)

Build-in Infrared Receiver An infrared receiver is built in the wired controller. It is more convenient for users to control the AC with the wireless controller by pointing to the wired controller rather than to the AC.



## Midea Twins Combination System

The units can be installed as twin system: 2 same type and size indoor units connect to only one outdoor unit which size is double of single indoor unit. This feature helps improve the air distribution of some special room.

In twin system, one indoor unit must be set as master and the other one as slave. Only the master unit can accept the control signal and the slave unit follow the settings of the master.



| TWINS SYSTEM  |           |           |           |
|---------------|-----------|-----------|-----------|
| INDOOR UNITS  | 30K + 30K | 24K + 24K | 18K + 18K |
| OUTDOOR UNITS | 60K       | 48K       | 36K       |

# REAL HEALTH WITHOUT CONCERNS

## Fresh Air

Outdoor air can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



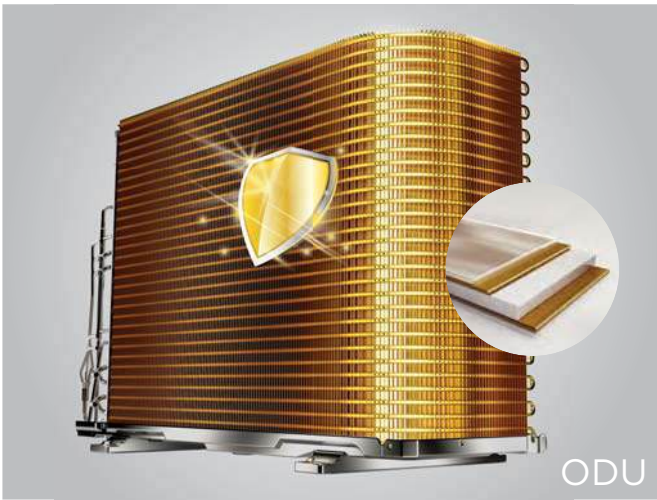
## Auto Dedusting

After turning off the AC, the fan blade of the outdoor unit will automatically rotate in reverse to get rid of the sand and dust for keeping the AC clean.  
1-phase DC inverter outdoor unit only.

# WORRY-FREE AND GUARANTEED FOR LIFE

## Prime Guard, Golden Coating

Midea PrimeGuard™ is more resistant in oxidation & corrosion than ordinary fins for condensers to furnish a steadier and long-lasting working environment. It can efficiently prevent bacteria from breeding and spreading ,and withstand corrosive elements.



### Comparison Result of Corrosion Area\*

Golden Coating is 2.5X corrosion resistance than Blue Coating.



Golden Coating  
**0.10%**



Blue Coating  
**0.25%**

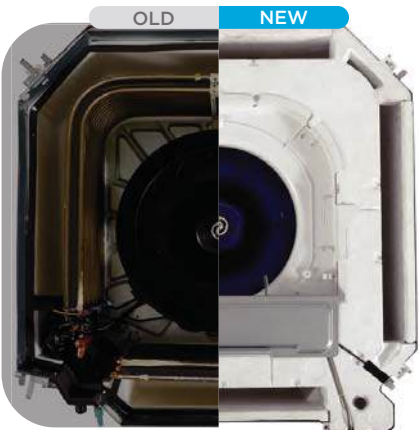


Aluminum Foil  
**100%**

\*After 240 hours UV test and 72 hours neutral salt spray(fog) test

## Water Tray

The water tray is specially upgraded from anti-corrosion plastic material, increased thickness and optimized structure, assuring greater durability and longer product life.



**2.2mm**  
**+120%**

Due to 1.4mm ABS moulding enlargement, the durability of drainage tray will enhance to prevent damage.



## SPECIFICATIONS (Ceiling Cassette Premium Inverter)



Smart Control



LED Display



Wide-angle  
Air flow



Slim Design



Fresh Air



Quiet Design



Built-in  
Drain Pump



Auto Restart  
Function



Timer



Wired Controller  
(Optional)



360° Air  
Flow Panel



Golden Fin

| Model name                          | Indoor model                    |             | MCX-12CRFNX                                          | MCX-24CRFNX                                       | MCX-24CRFNX               | MCX-30CRFNX              | MCX-36CRFNX              | MCX-40CRFNX              | MCX-42CRFNX               | MCX-48CRFNX               |
|-------------------------------------|---------------------------------|-------------|------------------------------------------------------|---------------------------------------------------|---------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
|                                     | Indoor panel code               |             | COMPACT-PANEL-03AW (Breezeless Panel, Build-in Wifi) | MCX-PANEL-04AWD (Breezeless Panel, Build-in Wifi) |                           |                          |                          |                          |                           |                           |
|                                     | Outdoor model                   |             | MOUX-12CFN8                                          | MOUX-18CFN8                                       | MOUX-24CFN8               | MOUX-30CFN8              | MOUX-36CFN8              | MOUX-40CFN8              | MOUX-42CFN8               | MOUX-48CFN8               |
| Power source                        |                                 | V/ph/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            | 220-240-/1/50             | 380-415-/3/50             |
| Cooling capacity                    |                                 | Btu/h       | 12,000<br>(2,897-14,020)                             | 18,000<br>(9,900-19,064)                          | 24,000<br>(11,263-27,000) | 30,000<br>(7,600-32,000) | 36,000<br>(9,200-39,000) | 36,000<br>(9,200-39,000) | 42,000<br>(10,000-44,000) | 48,000<br>(12,000-54,000) |
| Power consumption - Rated (Min-Max) |                                 | W           | 1,010 (168-1,434)                                    | 1,633 (720-2,088)                                 | 2,320 (780-2,748)         | 2,750 (190-3,000)        | 3,950 (900-4,200)        | 4,000 (890-4,150)        | 4,200 (680-4,350)         | 4,650 (800-5,900)         |
| Running current - Rated (Min-Max)   |                                 | A           | 4.45(1.32-6.31)                                      | 7.2(3.2-9.2)                                      | 10.2(4.2-12)              | 12.0(2.0-13.0)           | 17.5(4.2-18.5)           | 6.5(1.4-6.5)             | 18.8(3.1-19.1)            | 8.1(1.8-10.2)             |
| CSPF                                |                                 | Wh/Wh       | 5.6                                                  | 5.50                                              | 5.43                      | 5.37                     | 5.00                     | 5.00                     | 4.55                      | 4.87                      |
| Indoor                              | Air flow (High)                 | m³/h (cfm)  | 620(365)                                             | 1247 (734)                                        | 1247 (734)                | 1700 (1000)              | 1700 (1000)              | 1700 (1000)              | 1900 (1118)               | 1900 (1118)               |
|                                     | Sound pressure (Hi/Mi/Lo)       | dB(A)       | 42/38.5/31.5                                         | 45.4/44/39                                        | 50/47.5/42                | 50.5/48/46               | 51/48/46                 | 51.0/49.0/46.0           | 52.5/50/47.5              | 52.5/50.5/48              |
|                                     | Dimension (WxDxH)(body)         | mm          | 570x570x245                                          | 830x830x205                                       | 830x830x205               | 830x830x245              | 830x830x245              | 830x830x245              | 830x830x287               | 830x830x287               |
|                                     | Dimension (WxDxH)(panel)        | mm          | 620x620x50                                           | 950x950x55                                        | 950x950x55                | 950x950x55               | 950x950x55               | 950x950x55               | 950x950x55                | 950x950x55                |
|                                     | Machine Weight (Net/Gross)      | Indoor (kg) | 22.2/26                                              | 21.6/25.4                                         | 21.6/25.4                 | 24.6/28.6                | 27.2/31.2                | 27.2/31.2                | 29.3/33.5                 | 29.3/33.5                 |
|                                     |                                 | Panel (kg)  | 2.7/4.3                                              | 6/9                                               | 6/9                       | 6/9                      | 6/9                      | 6/9                      | 6/9                       | 6/9                       |
|                                     | Design pressure                 | MPa         | 4.3/1.7                                              | 4.3/1.7                                           | 4.3/1.7                   | 4.3/1.7                  | 4.3/1.7                  | 4.3/1.7                  | 4.3/1.7                   | 4.3/1.7                   |
|                                     | Drainage water pipe diameter    | mm          | 0DΦ25                                                | 0DΦ25                                             | 0DΦ25                     | 0DΦ25                    | 0DΦ25                    | 0DΦ25                    | 0DΦ25                     | 0DΦ25                     |
| Outdoor                             | Sound pressure                  | dB(A)       | 53.6                                                 | 56                                                | 60                        | 62                       | 63                       | 63                       | 63                        | 63.5                      |
|                                     | Dimension (WxDxH)               | mm          | 765x303x555                                          | 805x330x554                                       | 890x342x673               | 946x410x810              | 946x410x810              | 946x410x810              | 946x410x810               | 952x415x1333              |
|                                     | Machine weight (Net/Gross)      | kg          | 26.6/29                                              | 32.5/35.2                                         | 43.9/46.9                 | 52.8/57.3                | 66.9/71.5                | 80.5/85                  | 71.0/75.0                 | 103.7/118.3               |
|                                     | Refrigerant charged (5m piping) | kg          | R32/ 0.72                                            | R32/1.15                                          | R32/1.5                   | R32/2.0                  | R32/2.4                  | R32/2.4                  | R32/2.8                   | R32/2.9                   |
|                                     | Liquid side/ Gas side           | mm (inch)   | Φ6.35/Φ9.52<br>(1/4"/3/8")                           | Φ6.35/Φ12.7<br>(1/4"/1/2")                        | Φ9.52/Φ15.9(3/8"/5/8")    |                          |                          |                          |                           |                           |
| Refrigerant piping                  | Max. pipe length                | m           | 25                                                   | 30                                                | 50                        | 50                       | 75                       | 75                       | 75                        | 75                        |
|                                     | Max. difference in level        | m           | 10                                                   | 20                                                | 25                        | 25                       | 30                       | 30                       | 30                        | 30                        |
|                                     | Control type (Outdoor)          |             | EXV                                                  |                                                   |                           | EXV+Throttle valve       |                          |                          |                           |                           |
|                                     | Heat insulation                 |             | Both liquid and gas pipe                             |                                                   |                           |                          |                          |                          |                           |                           |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# SPECIFICATIONS (Ceiling Cassette Standard Inverter)



Sleep Mode



LED Display



Wide-angle  
Air flow



Slim Design



Fresh Air



Quiet Design



Built-in  
Drain Pump



Auto Restart  
Function



Timer



Wired Controller  
(Optional)



360° Air  
Flow Panel



Golden Fin

| Model name                          |                                 | Indoor model      |                          | MCCD-20CRDN8          | MCCD-25CRDN8           | MCCD-33CRDN8           | MCCD-40CRDN8           | MCCD-50CRDN8 |
|-------------------------------------|---------------------------------|-------------------|--------------------------|-----------------------|------------------------|------------------------|------------------------|--------------|
|                                     |                                 | Indoor panel code |                          | MCX-PANEL-04A1        |                        |                        |                        |              |
|                                     |                                 | Outdoor model     |                          | MODX-20CFN8           | MODX-25CFN8            | MODX-33CFN8            | MODX-40CFN8            | MODX-50CFN8  |
| Power source                        |                                 | V/ph/Hz           | 220-240-/1/50            | 220-240-/1/50         | 220-240-/1/50          | 380-415-/3/50          | 380-415-/3/50          |              |
| Cooling capacity                    |                                 | Btu/h             | 19,000 (5,100-20,000)    | 24,000 (8,300-24,700) | 33,000 (18,000-34,500) | 36,000 (11,000-38,000) | 48,000 (12,000-49,500) |              |
| Power consumption - Rated (Min-Max) |                                 | W                 | 1,700 (440-1,750)        | 2,400 (850-2,520)     | 2,836 (640-3,800)      | 3,800 (680-4,280)      | 5,600 (800-5,850)      |              |
| Running current - Rated (Min-Max)   |                                 | A                 | 7.5(2.0-7.7)             | 11.5(4.0-11.58)       | 12.33(2.79-16.53)      | 5.6(1.5-6.2)           | 8.6(3.8-9.0)           |              |
| CSPF                                |                                 | Wh/Wh             | 5                        | 5                     | 4.6                    | 4.50                   | 4.10                   |              |
| Indoor                              | Air flow (High)                 | m³/h (cfm)        | 1040 (612)               | 1160 (682)            | 1950 (1147)            | 1950 (1147)            | 1950 (1147)            |              |
|                                     | Sound pressure (Hi/Mi/Lo)       | dB(A)             | 40/34/31                 | 46/39/35              | 53.5/50/46.5           | 53.5/50/46.5           | 53/51/48.5             |              |
|                                     | Dimension (WxDxH)(body)         | mm                | 830x830x205              | 830x830x205           | 830x830x245            | 830x830x245            | 830x830x245            |              |
|                                     | Dimension (WxDxH)(panel)        | mm                | 950x950x55               | 950x950x55            | 950x950x55             | 950x950x55             | 950x950x55             |              |
|                                     | Machine Weight (Net/Gross)      | Indoor (kg)       | 22.1/26.4                | 21.9/26.1             | 26/30.5                | 26/30.5                | 27.4/31.8              |              |
|                                     |                                 | Panel (kg)        | 6/9                      | 6/9                   | 6/9                    | 6/9                    | 6/9                    |              |
|                                     | Design pressure                 | MPa               | 4.3/1.7                  | 4.3/1.7               | 4.3/1.7                | 4.3/1.7                | 4.3/1.7                |              |
| Drainage water pipe diameter        |                                 | mm                | ØD25                     | ØD25                  | ØD25                   | ØD25                   | ØD25                   |              |
| Outdoor                             | Sound pressure                  | dB(A)             | 58                       | 56                    | 59                     | 59.5                   | 62                     |              |
|                                     | Dimension (WxDxH)               | mm                | 805x330x554              | 890x342x673           | 946x410x810            | 946x410x810            | 946x410x810            |              |
|                                     | Machine weight (Net/Gross)      | kg                | 25.8/28.4                | 34.6/37.7             | 51.5/56                | 58/62.5                | 59.1/63.3              |              |
|                                     | Refrigerant charged (5m piping) | kg                | R32/0.8                  | R32/1.3               | R32/1.7                | R32/1.55               | R32/2.1                |              |
|                                     | Liquid side/ Gas side           | mm (inch)         | Φ6.35/Φ12.7 (1/4"/1/2")  |                       |                        | Φ9.52/Φ15.9(3/8"/5/8") |                        |              |
| Refrigerant piping                  | Max. pipe length                | m                 | 25                       | 25                    | 30                     | 30                     | 50                     |              |
|                                     | Max. difference in level        | m                 | 15                       | 15                    | 20                     | 20                     | 30                     |              |
|                                     | Control type (Outdoor)          |                   | Capillary Tube           | Throttle valve        |                        |                        |                        |              |
|                                     | Heat insulation                 |                   | Both liquid and gas pipe |                       |                        |                        |                        |              |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# SPECIFICATIONS (Ceiling Cassette Non Inverter)



Sleep Mode



LED Display



Wide-angle  
Air flow



Slim Design



Fresh Air



Quiet Design



Built-in  
Drain Pump



Auto Restart  
Function



Timer



Wired Controller  
(Optional)



360° Air  
Flow Panel

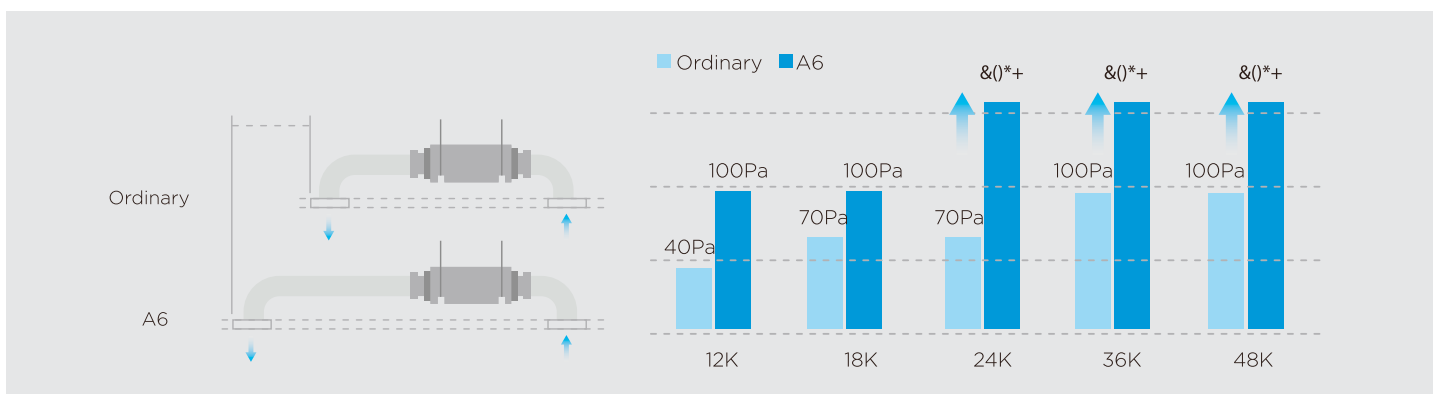


Golden Fin

| Model name                |                                 | Indoor model      |                          | MCA3-12CRN8             | MCDX-18CRN8    | MCDXMY-25CRN8-SP       | MCDX-30CRN8   | MCDX-36CRN8   | MCDX-48CRN8 |
|---------------------------|---------------------------------|-------------------|--------------------------|-------------------------|----------------|------------------------|---------------|---------------|-------------|
|                           |                                 | Indoor panel code |                          | COMPACT-PANEL-03E       | MCX-PANEL-04A1 |                        |               |               |             |
|                           |                                 | Outdoor model     |                          | MOUX-12CN8              | MOUX-18CN8     | MOUXMY-25CN8-SP        | MOUX-30CN8    | MOUX-36CN8    | MOUX-48CN8  |
| Power source              |                                 | V/ph/Hz           | 220-240-/1/50            | 220-240-/1/50           | 220-240-/1/50  | 220-240-/1/50          | 380-415-/3/50 | 380-415-/3/50 |             |
| Cooling capacity          |                                 | Btu/h             | 12,000                   | 18,500                  | 25,000         | 31,000                 | 36,500        | 48,000        |             |
| Power consumption - Rated |                                 | W                 | 1,150                    | 1,600                   | 2,512          | 3,200                  | 3,600         | 4,550         |             |
| Running current - Rated   |                                 | A                 | 4.5                      | 7                       | 10.7           | 14                     | 5.21          | 8.8           |             |
| CSPF                      |                                 | Wh/Wh             | 3.25                     | 3.60                    | 3.10           | 3.02                   | 3.16          | 3.28          |             |
| Indoor                    | Air flow (High)                 | m³/h (cfm)        | 810 (476)                | 1200 (706)              | 1300 (765)     | 1935 (1138)            | 1950 (1147)   | 1950 (1147)   |             |
|                           | Sound pressure (Hi/Mi/Lo)       | dB(A)             | 41/37/34                 | 44/37.5/34.5            | 46/40/37       | 53/49.5/46             | 53/49.5/45.5  | 54/52/49      |             |
|                           | Dimension (WxDxH)(body)         | mm                | 570x570x260              | 830x830x205             | 830x830x205    | 830x830x245            | 830x830x245   | 830x830x245   |             |
|                           | Dimension (WxDxH)(panel)        | mm                | 647x647x50               | 950x950x55              | 950x950x55     | 950x950x55             | 950x950x55    | 950x950x55    |             |
|                           | Machine weight (Net/Gross)      | Indoor (kg)       | 16.2/19.4                | 22.2/26                 | 21.9/26.4      | 25.7/29.8              | 25.8/29.9     | 28.0/32.1     |             |
|                           |                                 | Panel (kg)        | 2.5/4.5                  | 6/9                     | 6/9            | 6/9                    | 6/9           | 6/9           |             |
|                           | Design pressure                 | MPa               | 4.3/1.7                  | 4.3/1.7                 | 4.3/1.7        | 4.3/1.7                | 4.3/1.7       | 4.3/1.7       |             |
| Outdoor                   | Drainage water pipe diameter    | mm                | 00Φ25                    | 00Φ25                   | 00Φ25          | 00Φ25                  | 00Φ25         | 00Φ25         |             |
|                           | Sound pressure                  | dB(A)             | 50.5                     | 57                      | 59             | 60                     | 63            | 62            |             |
|                           | Dimension(WxDxH)                | mm                | 765x303x555              | 805x330x554             | 890x342x673    | 946x410x810            | 946x410x810   | 946x410x810   |             |
|                           | Machine weight (Net/Gross)      | kg                | 27.3/29.7                | 38.9/41.5               | 50.3/53.5      | 63.2/68.0              | 66.1/71       | 70.4/74.9     |             |
|                           | Refrigerant charged (5m piping) | kg                | R32/ 0.43                | R32/0.72                | R32/1.0        | R32/1.7                | R32/1.6       | R32/1.9       |             |
| Refrigerant piping        | Liquid side/ Gas side           | mm (inch)         | Φ6.35/Φ9.52 (1/4"/3/8")  | Φ6.35/Φ12.7 (1/4"/1/2") |                | Φ9.52/Φ15.9(3/8"/5/8") |               |               |             |
|                           | Max. pipe length                | m                 | 25                       | 25                      | 25             | 30                     | 30            | 50            |             |
|                           | Max. difference in level        | m                 | 15                       | 15                      | 15             | 20                     | 20            | 30            |             |
|                           | Control type (Outdoor)          |                   | Capillary Tube           |                         |                | Throttle valve         |               |               |             |
|                           | Heat insulation                 |                   | Both liquid and gas pipe |                         |                |                        |               |               |             |

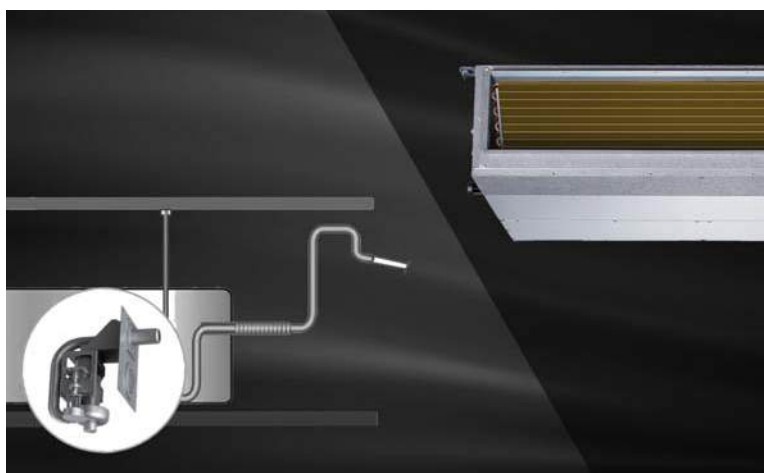
Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# CEILING CONCEALED



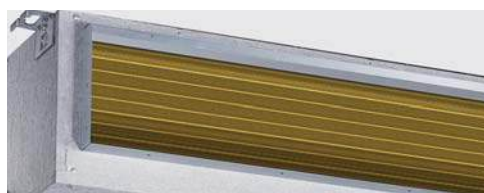
## Up to 160Pa High Static Pressure

With new eccentric fan motor, the A6 Duct can be installed in various application that requires high static pressure up to 160Pa.



## Built-in Drain Pump

The drain pump can lift the condensing water up to 750mm, which is convenient to install drainage pipes under most conditions. It also allows parts be replaced from the side where maintenance is easier.



## PrimeGuard Coating for Long-lasting Performance

The unique anti-corrosive 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.



## Light Weight and Compact Design

With the weight decreases almost 20% and the size shrinks 12.5% in comparison with conventional one, the A6 duct save lots of installation efforts and time as well as creates bigger maintenance space.

# SPECIFICATIONS (Ceiling Concealed Inverter)



Sleep Mode



Timer



Built-in  
Drain Pump



Auto Restart  
Function



Wired Controller



Golden Fin

| Model name                          | Indoor model                     |            | MTI-12CRFNX                | MTI-18CRFNX                | MTI-24CRFNX               | MTI-30CRFNX              | MTI-36CRFNX              | MTI-40CRFNX              | MTI-42CRFNX               | MTI-48CRFNX               | MTI-60CRFNX               |
|-------------------------------------|----------------------------------|------------|----------------------------|----------------------------|---------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|
|                                     | Outdoor model                    |            | MOUX-12CFN8                | MOUX-18CFN8                | MOUX-24CFN8               | MOUX-30CFN8              | MOUX-36CFN8              | MOUX-40CFN8              | MOUX-42CFN8               | MOUX-48CFN8               | MOUX-60CFN8               |
| Power source                        |                                  | V/ph/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            | 220-240/1/50              | 380-415-/3/50             | 380-415-/3/50             |
| Cooling capacity                    |                                  | Btu/h      | 12,000<br>(1,800-13,607)   | 18,000<br>(8,700-20,000)   | 24,000<br>(11,180-27,830) | 30,000<br>(7,600-33,600) | 36,000<br>(9,400-38,000) | 36,000<br>(9,300-40,200) | 41,000<br>(10,000-42,000) | 48,000<br>(12,000-53,000) | 52,000<br>(14,000-59,000) |
| Power consumption - Rated (Min-Max) |                                  | W          | 1,053<br>(155-1,373)       | 1,530<br>(710-2,150)       | 2,190<br>(750-2,960)      | 2,500<br>(190-3,050)     | 3,950<br>(900-4,150)     | 4,000<br>(890-4,200)     | 4,200<br>(680-4,500)      | 4,800<br>(880-6,000)      | 5,250<br>(1,030-6,650)    |
| Running current - Rated (Min-Max)   |                                  | A          | 4.75 (1.3-6.09)            | 7.1 (3.2-9.56)             | 10.2 (4.2-13.2)           | 11.0 (2.0-13.5)          | 17.5 (4.2-18.5)          | 6.5 (1.4-6.7)            | 18.8 (3.1-19.8)           | 8.4 (1.9-10.4)            | 9.6 (3.1-11.5)            |
| CSPF                                |                                  | Wh/Wh      | 5.55                       | 5.1                        | 5.43                      | 5.37                     | 5                        | 5                        | 4.55                      | 4.87                      | 4.55                      |
| Indoor                              | Air flow (without duct) (High)   | m³/h (cfm) | 600 (353)                  | 911 (536)                  | 1229 (723)                | 2100 (1235)              | 2100 (1235)              | 2100 (1235)              | 2400 (1412)               | 2400 (1412)               | 2600 (1529)               |
|                                     | External static pressure - Rated | Pa         | 25                         | 25                         | 25                        | 37                       | 37                       | 37                       | 50                        | 50                        | 50                        |
|                                     | External static pressure - Range | Pa         | 0-60                       | 0-100                      | 0-160                     | 0-160                    | 0-160                    | 0-160                    | 0-160                     | 0-160                     | 0-160                     |
|                                     | Sound pressure(Hi/Mi/Lo)         | dB(A)      | 34.5/32/30                 | 42/39/35                   | 49/46/41                  | 50.5/48/46               | 50/48/46                 | 50.5/49/47               | 51.5/49/48                | 51.5/49/47                | 52.5/49/47                |
|                                     | Dimension (WxDxH)                | mm         | 700x506x200                | 880x674x210                | 1100x774x249              | 1360x774x249             | 1360x774x249             | 1360x774x249             | 1200x874x300              | 1200x874x300              | 1200x874x300              |
|                                     | Machine Weight (Net/Gross)       | kg         | 17.8/21.5                  | 24.4/29.6                  | 32.3/39.1                 | 40.5/48.3                | 40.5/48.2                | 40.5/48.2                | 47.6/55.8                 | 47.6/55.8                 | 47.4/56.1                 |
|                                     | Drainage pipe diameter           | mm         | ØDΦ25                      | ØDΦ25                      | ØDΦ25                     | ØDΦ25                    | ØDΦ25                    | ØDΦ25                    | ØDΦ25                     | ØDΦ25                     | ØDΦ25                     |
| Outdoor                             | Sound pressure                   | dB(A)      | 53.6                       | 56                         | 60                        | 62                       | 63                       | 63                       | 63                        | 63.5                      | 64                        |
|                                     | Dimension (WxDxH)                | mm         | 765x303x555                | 805x330x554                | 890x342x673               | 946x410x810              | 946x410x810              | 946x410x810              | 946x410x810               | 952x415x1333              | 952x415x1333              |
|                                     | Machine weight (Net/Gross)       | kg         | 26.6/29                    | 32.5/35.2                  | 43.9/46.9                 | 52.8/57.3                | 66.9/71.5                | 80.5/85                  | 71.0/75.0                 | 103.7/118.3               | 107.0/121.2               |
|                                     | Refrigerant charged (5m piping)  | kg         | R32/ 0.72                  | R32/1.15                   | R32/1.5                   | R32/2.0                  | R32/2.4                  | R32/2.4                  | R32/2.8                   | R32/2.9                   | R32/3.0                   |
| Refrigerant piping                  | Liquid side/ Gas side            | mm (inch)  | Φ6.35/Φ9.52<br>(1/4"/3/8") | Φ6.35/Φ12.7<br>(1/4"/1/2") | Φ9.52/Φ15.9(3/8"/5/8")    |                          |                          |                          |                           |                           |                           |
|                                     | Max. pipe length                 | m          | 25                         | 30                         | 50                        | 50                       | 75                       | 75                       | 75                        | 75                        | 75                        |
|                                     | Max. difference in level         | m          | 10                         | 20                         | 25                        | 25                       | 30                       | 30                       | 30                        | 30                        | 30                        |
|                                     | Control type (Outdoor)           |            | EXV                        |                            |                           | EXV+Throttle valve       |                          |                          |                           |                           |                           |
|                                     | Heat insulation                  |            | Both liquid and gas pipe   |                            |                           |                          |                          |                          |                           |                           |                           |

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2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# SPECIFICATIONS (Ceiling Concealed Non Inverter)



Sleep Mode



Timer



Built-in  
Drain Pump



Auto Restart  
Function



Wired Controller

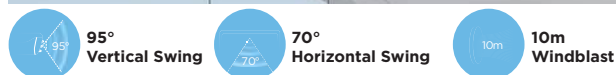


Golden Fin

| Model name                        | Indoor model                     |            | MTI-18HRN1               | MTI-24HRN1              | MTI-36HRN1            | MTI-48HRN1     | MTI-60HRN1     |
|-----------------------------------|----------------------------------|------------|--------------------------|-------------------------|-----------------------|----------------|----------------|
|                                   | Outdoor model                    |            | MOU-18HN1                | MOU-24HN1               | MOU-36HN1             | MOU-48HN1      | MOU-60HN1      |
| Power source                      |                                  | V/ph/Hz    | 220-240-/1/50            | 220-240-/1/50           | 380-415-/3/50         | 380-415-/3/50  | 380-415-/3/50  |
| Cooling capacity                  |                                  | Btu/h      | 18,000                   | 24,000                  | 36,000                | 48,000         | 60,000         |
| Power consumption - Rated         |                                  | W          | 2,200                    | 2,870                   | 3,650                 | 5,350          | 6,360          |
| Running current - Rated (Min-Max) |                                  | A          | 9.7                      | 13.5                    | 6.1                   | 9.2            | 11             |
| CSPF                              |                                  | Wh/Wh      | 2.55                     | 2.60                    | 3.07                  | 2.79           | 2.94           |
| Indoor                            | Air flow (without duct)(High)    | m³/h (cfm) | 978 (575)                | 1359 (799)              | 1804 (1061)           | 2150 (1265)    | 2400 (1412)    |
|                                   | External static pressure - Rated | Pa         | 25                       | 25                      | 37                    | 50             | 50             |
|                                   | External static pressure - Range | Pa         | 0-60                     | 0-80                    | 0-100                 | 0-160          | 0-160          |
|                                   | Sound pressure(Hi/Mi/Lo)         | dB(A)      | 44.4/42.1/39.5           | 43.6/40.5/37.9          | 47/40.5/38            | 48.0/45.0/42.0 | 51.7/46.9/44.4 |
|                                   | Dimension (WxDxH)                | mm         | 880x674x210              | 1100x774x249            | 1100x774x249          | 1200x874x300   | 1200x874x300   |
|                                   | Machine weight (Net/Gross)       | kg         | 23.8/29.5                | 32.2/39                 | 32.2/39.4             | 46/54.5        | 46/54.5        |
|                                   | Drainage pipe diameter           | mm         | ØDΦ25                    | ØDΦ25                   | ØDΦ25                 | ØDΦ25          | ØDΦ25          |
| Outdoor                           | Sound pressure                   | dB(A)      | 58                       | 59.8                    | 63                    | 62             | 62.8           |
|                                   | Dimension (WxDxH)                | mm         | 770x300x555              | 845x363x702             | 946x410x810           | 900x350x1170   | 900x350x1170   |
|                                   | Machine weight (Net/Gross)       | kg         | 36.5/39.7                | 52.7/56.1               | 74.4/78.9             | 98.6/109.3     | 99.7/111.2     |
|                                   | Refrigerant charged (5m piping)  | kg         | R410A/1.5                | R410A/1.8               | R410A/2.85            | R410A/3.3      | R410A/3.3      |
| Refrigerant piping                | Liquid side/ Gas side            | mm (inch)  | Φ6.35/Φ12.7 (1/4"/1/2")  | Φ9.52/Φ15.9 (3/8"/5/8") | Φ9.52/Φ19 (3/8"/3/4") |                |                |
|                                   | Max. pipe length                 | m          | 25                       | 25                      | 25                    | 50             | 50             |
|                                   | Max. difference in level         | m          | 15                       | 15                      | 15                    | 30             | 30             |
|                                   | Control type (Outdoor)           |            | Capillary Tube           |                         | Throttle valve        |                |                |
|                                   | Heat insulation                  |            | Both liquid and gas pipe |                         |                       |                |                |

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2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# CEILING & FLOOR

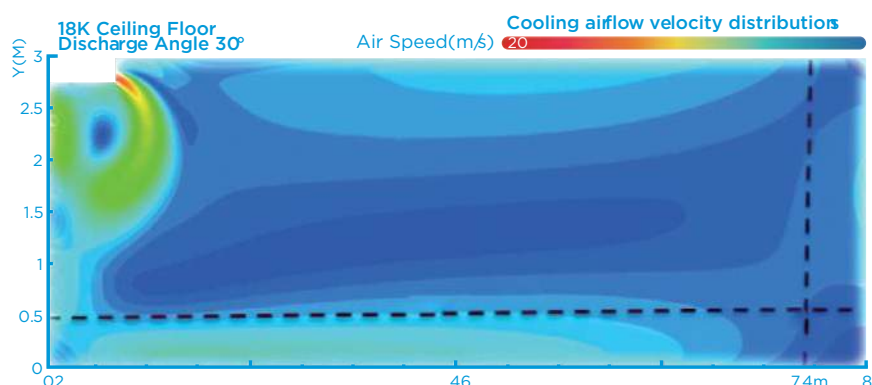


## X-wind

To make the cool air reaching you everywhere in the room.

Inverter Type Indoor unit outlet air speed and coverage range

| @COOLING MODE | Air flow(m <sup>3</sup> /h) |
|---------------|-----------------------------|
| 18K           | 958                         |
| 24K           | 1192                        |
| 36K           | 1955                        |



## EASY INSTALLATION

Fashionable design and streamline appearance, suitable for different room styles.



### 3-way Pipe Out

The connection pipe can be put into the unit from bottom, side or rear, which makes installation much easier.



### 2-way Drainage

Both right side and left side rainage holes are available to avoid the space limitation for drainage pipe installation.



## SPECIFICATIONS (Ceiling & Floor Premium Inverter)



Sleep Mode



Timer



Quiet Design



Fresh Air



2-way Draining



Auto Restart  
Function



Wired Controller  
(Optional)



3D Airflow



Golden Fin

| Model name                          | Indoor model                    |            | MUE-18CRFNX              | MUE-24CRFNX            | MUE-36CRFNX           | MUE-36CRFNX           | MUE-40CRFNX          | MUE-48CRFNX            | MUE-60CRFNX            |
|-------------------------------------|---------------------------------|------------|--------------------------|------------------------|-----------------------|-----------------------|----------------------|------------------------|------------------------|
|                                     | Outdoor model                   |            | MOUX-18CFN8              | MOUX-24CFN8            | MOUX-30CFN8           | MOUX-36CFN8           | MOUX-40CFN8          | MOUX-48CFN8            | MOUX-60CFN8            |
| Power source                        |                                 | V/ph/Hz    | 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          |
| Cooling capacity                    |                                 | Btu/h      | 18,000 (9,250-20,000)    | 24,000 (10,990-26,500) | 30,000 (7,600-32,000) | 36,000 (9,300-39,000) | 36,000 (9300-40,200) | 48,000 (12,000-52,000) | 54,000 (14,000-57,000) |
| Power consumption - Rated (Min-Max) |                                 | W          | 1,450 (670-2,027)        | 2,300 (747-2,930)      | 2,750 (190-3,000)     | 3,900 (900-4,250)     | 4,000 (890-4,300)    | 5,000 (900-5,950)      | 5,650 (1,100-6,650)    |
| Running current - Rated (Min-Max)   |                                 | A          | 6.0 (3.2-9.0)            | 10.5 (3.9-13.1)        | 12.0(4.0-13.0)        | 17.0(4.2-19.0)        | 6.30 (1.4-6.80)      | 8.8 (1.9-10.3)         | 9.7 (3.2-11.5)         |
| CSPF                                |                                 | Wh/Wh      | 5.50                     | 5.43                   | 5.37                  | 5.00                  | 5.00                 | 4.87                   | 4.55                   |
| Indoor                              | Air flow (High)                 | m³/h (cfm) | 958 (563)                | 1192 (701)             | 1955 (1150)           | 1955 (1150)           | 1955 (1150)          | 2100 (1235)            | 2200 (1294)            |
|                                     | Sound pressure (Hi/Mi/Lo)       | dB(A)      | 44/41/37                 | 51/47/43               | 51.5/48/45            | 51.5/48/45            | 51/47.5/45           | 53/50/46               | 55/52/48               |
|                                     | Dimension (WxDxH)(body)         | mm         | 1068x675x235             | 1068x675x235           | 1650x675x235          | 1650x675x235          | 1650x675x235         | 1650x675x235           | 1650x675x235           |
|                                     | Machine weight (Net/Gross)      | kg         | 28/33.3                  | 28/33.1                | 41.5/48               | 41.5/48               | 41.5/48              | 41.7/48.5              | 42.3/49.2              |
|                                     | Design pressure                 | MPa        | 4.3/1.7                  | 4.3/1.7                | 4.3/1.7               | 4.3/1.7               | 4.3/1.7              | 4.3/1.7                | 4.3/1.7                |
|                                     | Drainage pipe diameter          | mm         | ØDΦ25                    | ØDΦ25                  | ØDΦ25                 | ØDΦ25                 | ØDΦ25                | ØDΦ25                  | ØDΦ25                  |
| Outdoor                             | Sound pressure                  | dB(A)      | 56                       | 60                     | 62                    | 63                    | 63                   | 63.5                   | 64                     |
|                                     | Dimension (WxDxH)               | mm         | 805x330x554              | 890x342x673            | 946x410x810           | 946x410x810           | 946x410x810          | 952x415x1333           | 952x415x1333           |
|                                     | Machine weight (Net/Gross)      | kg         | 32.5/35.2                | 43.9/46.9              | 52.8/57.3             | 66.9/71.5             | 80.5/85              | 103.7/118.3            | 107.0/121.2            |
|                                     | Refrigerant charged (5m piping) | kg         | R32/1.15                 | R32/1.5                | R32/2.0               | R32/2.4               | R32/2.4              | R32/2.9                | R32/3.0                |
| Refrigerant piping                  | Liquid side/ Gas side           | mm (inch)  | Φ6.35/Φ12.7 (1/4"/1/2")  | Φ9.52/Φ15.9(3/8"/5/8") |                       |                       |                      |                        |                        |
|                                     | Max. pipe length                | m          | 30                       | 50                     | 50                    | 75                    | 75                   | 75                     | 75                     |
|                                     | Max. difference in level        | m          | 20                       | 25                     | 25                    | 30                    | 30                   | 30                     | 30                     |
|                                     | Control type (Outdoor)          |            | EXV                      | EXV+Throttle valve     |                       |                       |                      |                        |                        |
|                                     | Heat insulation                 |            | Both liquid and gas pipe |                        |                       |                       |                      |                        |                        |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# SPECIFICATIONS (Ceiling & Floor Standard Inverter)



Sleep Mode



Timer



Quiet Design



Fresh Air



2-way Draining



Auto Restart  
Function



Wired Controller  
(Optional)



3D Airflow



Golden Fin

| Model name                          | Indoor model                    |            | MUEB-20CRFN8             | MUEB-25CRFN8           | MUEB-33CRFN8          | MUEB-40CRFN8           | MUEB-50CRFN8           |
|-------------------------------------|---------------------------------|------------|--------------------------|------------------------|-----------------------|------------------------|------------------------|
|                                     | Outdoor model                   |            | MODX-20CFN8              | MODX-25CFN8            | MODX-33CFN8           | MODX-40CFN8            | MODX-50CFN8            |
| Power source                        |                                 | V/ph/Hz    | 220-240-/1/50            | 220-240-/1/50          | 220-240-/1/50         | 380-415-/3/50          | 380-415-/3/50          |
| Cooling capacity                    |                                 | Btu/h      | 18,000 (9,250-20,000)    | 24,000 (10,990-26,500) | 30,000 (7,600-32,000) | 36,000 (11,000-38,000) | 48,000 (12,000-49,500) |
| Power consumption - Rated (Min-Max) |                                 | W          | 1,550 (670-2,027)        | 2,350 (747-2,930)      | 2,931 (190-3,000)     | 3,650 (900-4,250)      | 5,862 (850-5,950)      |
| Running current - Rated (Min-Max)   |                                 | A          | 6.9 (3.2-9.0)            | 10.2 (3.9-13.1)        | 12.7(4.0-13.0)        | 16.0(4.2-19.0)         | 8.9 (1.9-10.3)         |
| CSPF                                |                                 | Wh/Wh      | 5.00                     | 5.00                   | 4.60                  | 4.50                   | 4.10                   |
| Indoor                              | Air flow (High)                 | m³/h (cfm) | 950 (559)                | 1200 (706)             | 1600 (941)            | 1600 (941)             | 2228 (1311)            |
|                                     | Sound pressure (Hi/Mi/Lo)       | dB(A)      | 45/41.5/38               | 50.5/46.5/41           | 51/47/43              | 51/47/43               | 53/51.5/50.5           |
|                                     | Dimension (WxDxH)(body)         | mm         | 1068x675x235             | 1068x675x235           | 1285x675x235          | 1285x675x235           | 1650x675x235           |
|                                     | Machine weight (Net/Gross)      | kg         | 26.7/32                  | 28/33.2                | 32.0/37.5             | 32.0/37.5              | 42/49                  |
|                                     | Design pressure                 | MPa        | 4.3/1.7                  | 4.3/1.7                | 4.3/1.7               | 4.3/1.7                | 4.3/1.7                |
|                                     | Drainage pipe diameter          | mm         | 0DΦ25                    | 0DΦ25                  | 0DΦ25                 | 0DΦ25                  | 0DΦ25                  |
| Outdoor                             | Sound pressure                  | dB(A)      | 58                       | 56                     | 59                    | 59.5                   | 62                     |
|                                     | Dimension (WxDxH)               | mm         | 805x330x554              | 890x342x673            | 946x410x810           | 946x410x810            | 946x410x810            |
|                                     | Machine weight (Net/Gross)      | kg         | 25.8/28.4                | 34.6/37.7              | 51.5/56               | 58/62.5                | 59.1/63.3              |
|                                     | Refrigerant charged (5m piping) | kg         | R32/0.8                  | R32/1.3                | R32/1.7               | R32/1.55               | R32/2.1                |
| Refrigerant piping                  | Liquid side/ Gas side           | mm (inch)  | Φ6.35/Φ12.7 (1/4"/1/2")  |                        |                       | Φ9.52/Φ15.9(3/8"/5/8") |                        |
|                                     | Max. pipe length                | m          | 25                       | 25                     | 30                    | 30                     | 50                     |
|                                     | Max. difference in level        | m          | 15                       | 15                     | 20                    | 20                     | 30                     |
|                                     | Control type (Outdoor)          |            | Capillary Tube           |                        | Throttle valve        |                        |                        |
|                                     | Heat insulation                 |            | Both liquid and gas pipe |                        |                       |                        |                        |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# SPECIFICATIONS (Ceiling & Floor Non Inverter)



Sleep Mode



Timer



Quiet Design



Fresh Air



2-way Draining



Auto Restart  
Function



Wired Controller  
(Optional)



3D Airflow



Golden Fin

| Model name                | Indoor model                    |            | MUEMY-25CN8-SP           | MUE-36CRNX    | MUE-36CRNX             | MUE-48CRNX    |
|---------------------------|---------------------------------|------------|--------------------------|---------------|------------------------|---------------|
|                           | Outdoor model                   |            | MOUXMY-25CN8-SP          | MOUX-30CN8    | MOUX-36CN8             | MOUX-48CN8    |
| Power source              |                                 | V/ph/Hz    | 220-240-/1/50            | 220-240-/1/50 | 380-415-/3/50          | 380-415-/3/50 |
| Cooling capacity          |                                 | Btu/h      | 25,000                   | 31,000        | 36,000                 | 48,000        |
| Power consumption - Rated |                                 | W          | 2,450                    | 3,100         | 3,650                  | 4,700         |
| Running current - Rated   |                                 | A          | 11                       | 15            | 6.6                    | 8.5           |
| CSPF                      |                                 | Wh/Wh      | 3.18                     | 3.11          | 3.07                   | 3.18          |
| Indoor                    | Air flow (High)                 | m³/h (cfm) | 1295 (762)               | 1750 (1029)   | 1750 (1029)            | 2220 (1306)   |
|                           | Sound pressure (Hi/Mi/Lo)       | dB(A)      | 51/47/43                 | 52.5/48.5/45  | 52.5/48.5/45           | 55/49/46      |
|                           | Dimension (WxDxH)(body)         | mm         | 1068x675x235             | 1285x675x235  | 1285x675x235           | 1650x675x235  |
|                           | Machine weight (Net/Gross)      | kg         | 25.9/31.1                | 29.5/34.8     | 29.5/34.8              | 39.5/45.9     |
|                           | Design pressure                 | MPa        | 4.3/1.7                  | 4.3/1.7       | 4.3/1.7                | 4.3/1.7       |
|                           | Drainage pipe diameter          | mm         | ØDØ25                    | ØDØ25         | ØDØ25                  | ØDØ25         |
| Outdoor                   | Sound pressure                  | dB(A)      | 59                       | 59.5          | 63                     | 62            |
|                           | Dimension (WxDxH)               | mm         | 890x342x673              | 946x410x810   | 946x410x810            | 946x410x810   |
|                           | Machine weight (Net/Gross)      | kg         | 50.3/53.5                | 63.2/68.0     | 66.1/71                | 71.5/76.1     |
|                           | Refrigerant charged (5m piping) | kg         | R32/1.0                  | R32/1.7       | R32/1.6                | R32/1.9       |
| Refrigerant piping        | Liquid side/ Gas side           | mm (inch)  | Ø6.35/Ø12.7 (1/4"/1/2")  |               | Ø9.52/Ø15.9(3/8"/5/8") |               |
|                           | Max. pipe length                | m          | 25                       | 30            | 30                     | 50            |
|                           | Max. difference in level        | m          | 15                       | 20            | 20                     | 30            |
|                           | Control type (Outdoor)          |            | Throttle valve           |               |                        |               |
|                           | Heat insulation                 |            | Both liquid and gas pipe |               |                        |               |

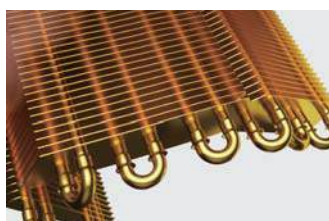
Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# GA & PA FLOOR STANDING



## Self-Diagnosis & Auto-Protection

In the case of abnormal operation, the unit will protect the system by shutting down automatically. Meanwhile the error code enables engineers to identify the problem quickly.



## Golden Coating Fin

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.



MFGA

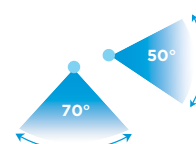
MFPA

## Side Air Inlet

Uniquely designed side air inlet makes this unit much more appealing.

## Easy to Clean Filter

The air inlet grille and filter are easy to remove, making the cleaning process much easier.



## 3D Airflow

Combines vertical and horizontal auto-swing to spread comfort more widely throughout the room.

## SPECIFICATIONS (Floor Standing Non Inverter)



Quiet Design



Self-diagnosis & Auto-protection



LCD Display



Auto Restart Function



Easy Cleaning Panel



Silver Ion Filter



Golden Fin

| Model name                | Indoor model                    |            | MFGA-25CRN8-SP           | MFGA-48CRN8            | MFGA-60CRN1          |
|---------------------------|---------------------------------|------------|--------------------------|------------------------|----------------------|
|                           | Outdoor model                   |            | MOUXMY-25CN8-SP          | MOUX-48CN8             | MOU-60CN1            |
| Power source              | V/ph/Hz                         |            | 220-240-1/1/50           | 380-415-/3/50          | 380-415-/3/50        |
| Cooling capacity          | Btu/h                           |            | 25,000                   | 48,000                 | 60,000               |
| Power consumption - Rated | W                               |            | 2,440                    | 4,690                  | 6,000                |
| Running current - Rated   | A                               |            | 10.8                     | 8.1                    | 11                   |
| CSPF                      | Wh/Wh                           |            | 3.19                     | 3.19                   | 3.11                 |
| Indoor                    | Air flow (High)                 | m³/h (cfm) | 950 (559)                | 2,260 (1,329)          | 2,452 (1,442)        |
|                           | Sound pressure (Hi/Mi/Lo)       | dB(A)      | 44/41                    | 53/49.5                | 56/51                |
|                           | Dimension (WxDxH)(body)         | mm         | 510x315x1750             | 610x390x1925           | 610x390x1925         |
|                           | Machine weight (Net/Gross)      | kg         | 35.7/42                  | 58.3/75.8              | 58.3/75.8            |
| Outdoor                   | Sound pressure                  | dB(A)      | 57                       | 63.5                   | 62                   |
|                           | Dimension (WxDxH)               | mm         | 890x342x673              | 946x410x810            | 900x350x1170         |
|                           | Machine weight                  | kg         | 50.3/53.5                | 70.4/74.9              | 92.7/104.2           |
|                           | Refrigerant charged (5m piping) | kg         | R32/1.0                  | R32/1.9                | R410A/3.1            |
| Refrigerant piping        | Liquid side/ Gas side           | mm (inch)  | Φ6.35/Φ12.7 (1/4"/1/2")  | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ19(3/8"/3/4") |
|                           | Max. pipe length                | m          | 25                       | 50                     | 50                   |
|                           | Max. difference in level        | m          | 15                       | 30                     | 30                   |
|                           | Control type (Outdoor)          |            | Throttle valve           |                        |                      |
| Heat insulation           |                                 |            | Both liquid and gas pipe |                        |                      |
| Thermostat type           |                                 |            | Wireless Remote Control  |                        |                      |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# LL EasyComfort FLOOR STANDING

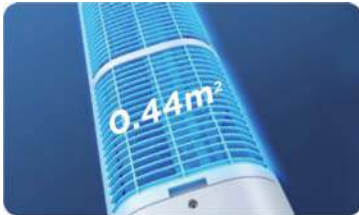
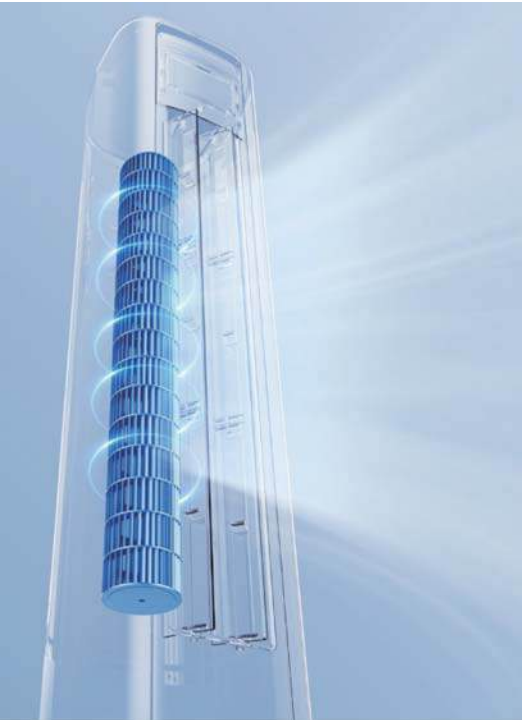


## POWERFUL COOLING FOR LARGER SPACE

### Faster Comfort

With the embedded inverter compressor that enables high operation speeds instantly, the speed of whole-room cooling and heating could be faster than a traditional split AC system.

|                                     | 25K      | 35K    |
|-------------------------------------|----------|--------|
| Cooling Capacity (Btu/h)            | 25,000   | 35,000 |
| Airflow Volume (m³/h)               | 1419     | 1500   |
| Wheel Width (mm)                    | 126      |        |
| Air Outlet Width (mm)               | 150      |        |
| Airflow Angle (Vertical/Horizontal) | 110°/85° |        |
| Airflow Distance (m)                | 9.5      |        |



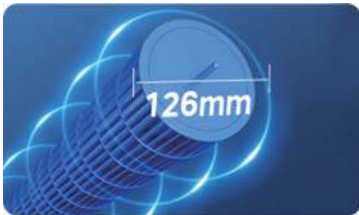
### Super Wide Curved Air Inlet

More air intake and efficient heat exchange



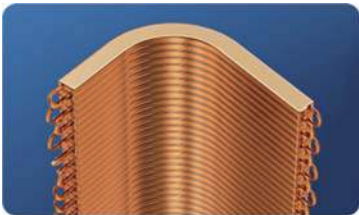
### Larger Air Duct System

Extended passage but less loss



### Bigger Wheel

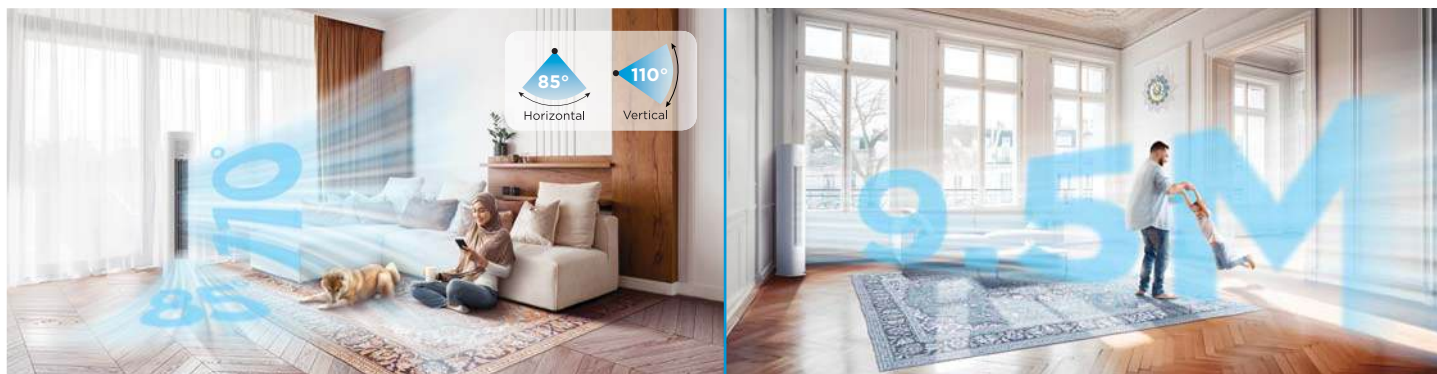
Generate stronger air volume



### L-shaped Curvy Evaporator

Exchange heat more efficiently

# WIDER ANGLE, FURTHER BLOW, BETTER CONFORT



**110° Vertical Swing**  
(Split AC: 60°)

**85° Horizontal Swing**  
(Split AC: 80°)

**1500m<sup>3</sup>/Airflow Volume\***  
(Split AC: 665m<sup>3</sup>/h)  
\*Based on the 34K model

**9.5m Airflow Distance**  
(Split AC: 8m)

## Wind Avoid Me Comfort Amaze Me

Enter the "Avoid Me" mode through the remote control, and the AC deflector will rise to guide the wind blow to the ceiling, preventing the cold wind blowing directly to people and creating a more immersive gentle cooling experience for the space.



## 100-Gear Fan Speed Control

The fan speed can be precisely controlled in 1% increments, meeting various needs of the whole family in different scenarios. You can conveniently set your desired fan speed and volume via SmartHome app or remote controller.



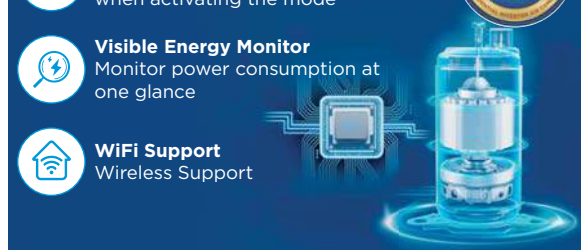
# INVERTER SAVES 38.66%

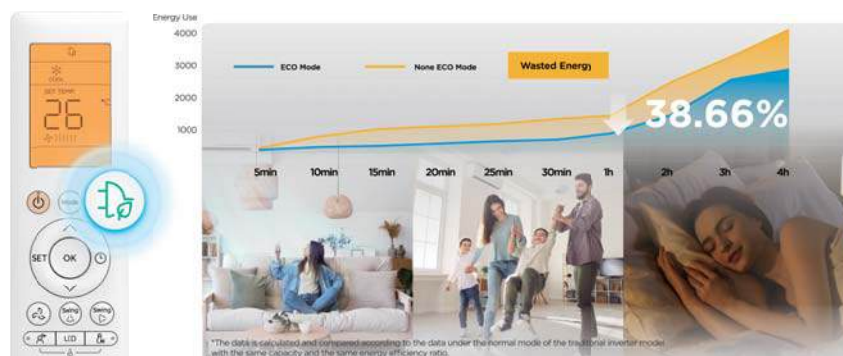
Midea inverter floor standing provides wide frequency range, it can dynamically adjust compressor speed to boost faster cooling, maintain more precise temperature control, and hit maximum energy savings, so consumers can stay cool and comfortable on budget.

**ECO Mode**  
Saves extra 38.6% in one click when activating the mode

**Visible Energy Monitor**  
Monitor power consumption at one glance

**WiFi Support**  
Wireless Support



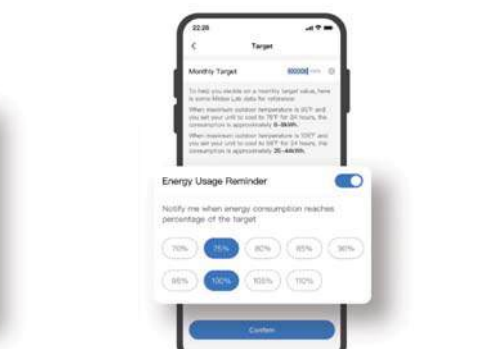


# VISIBLE SAVING MANAGEMENT



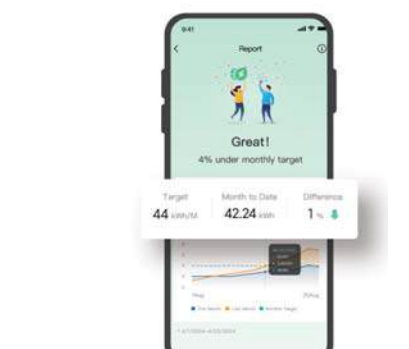
**Energy Report**

Through the Smart Home APP, you can monitor the daily, weekly, and monthly usage duration and power consumption of the air conditioner.



**Energy Reminder**

Set a monthly electricity consumption target, and you will be notified once the consumption reaches a percentage of the set target.

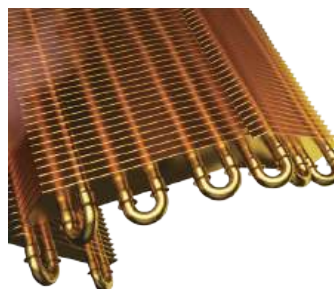


**Energy Report**

Regular reports can be generated to show power usage and comparisons with the previous month.

## Golden Coating

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. Beat the corrosion for long-lasting cooling.



### Prime Guard

Comparison Result of Corrosion Area  
240h UVB light &  
72h neutral salt spray test



Blue coating

0.25%



Golden coating

0.10%

## AUTO DEDUSTING

When the air conditioner is switched off, the fan blades of the outdoor unit automatically reverse to remove accumulated dust. This ensures the air conditioner stays clean and operates normally in any environment.



## I-CLEAN

**AC self-cleaning: Reclean the AC, Refresh your breath.**

Midea Inverter AC has been upgraded from water washing (20 mins) to frost cleaning (42 mins), which can remove more dust and bacteria, keeping the AC clean and performing well.



1

### Condensed Water

Cooling mode & Mid-speed wind.



2

### Frosting

The temperature cools rapidly and frost forms on the evaporator surface.



3

### Washing

Defrost into water to remove dust and dirt.



4

### Drying

Dry the evaporator to prevent mold growth (≤ 20min).

## SPECIFICATIONS (EasyComfort Floor Standing)



Whole-room  
Cooling



Long Distance  
Wind Blast



High Air Volume  
Supply



100-gears Wind  
Speed



3D Airflow



ECO Save



Smart Control



I-Clean



Easy Installation



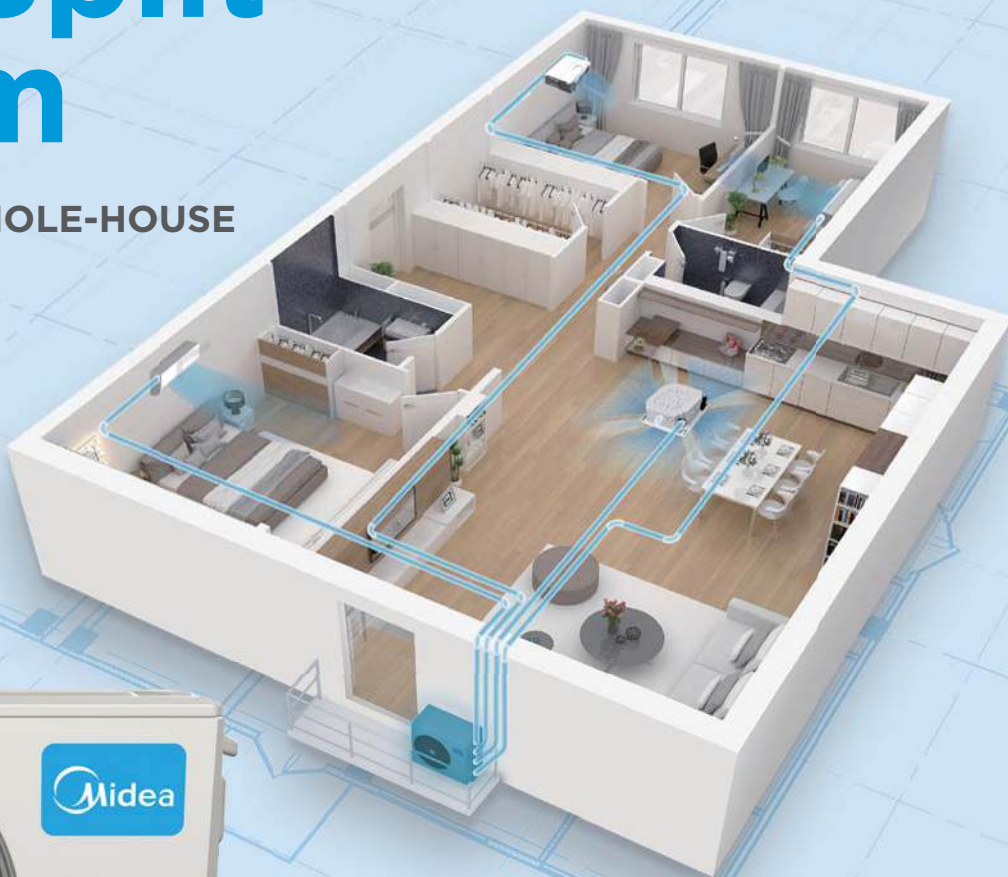
Golden Coating

| TYPE                      |                                 |            | Inverter                               | Inverter                  |
|---------------------------|---------------------------------|------------|----------------------------------------|---------------------------|
| Model name                | Indoor model                    |            | MFKS-25CRFN8-ID                        | MFKS-35CRFN8-ID           |
|                           | Outdoor model                   |            | MFKS-25CRFN8-OD                        | MFKS-35CRFN8-OD           |
| Power source              |                                 | V/ph/Hz    | 220-240-/1/50                          | 220-240-/1/50             |
| Cooling capacity          |                                 | Btu/h      | 25,000 (1,705-26,530)                  | 35,000 (6,380-37,412)     |
| Power consumption - Rated |                                 | W          | 2,480 (175-2,975)                      | 3,450 (352-3,999)         |
| Running current - Rated   |                                 | A          | 11.4 (1.6-13.6)                        | 15.2 (2.8-17.73)          |
| CSPF                      |                                 | Wh/Wh      | 5                                      | 5                         |
| Indoor                    | Air flow (High)                 | m³/h (cfm) | 1,419 (835)                            | 1,500 (882)               |
|                           | Sound pressure (Hi/Mi/Lo)       | dB(A)      | 49/43/41                               | 49/44/41                  |
|                           | Dimension (WxDxH)(body)         | mm         | 380x392x1802                           | 380x392x1802              |
|                           | Machine weight (Net/Gross)      | kg         | 25.7/33.4                              | 25.7/33.4                 |
| Outdoor                   | Sound pressure                  | dB(A)      | 60                                     | 61                        |
|                           | Dimension (WxDxH)               | mm         | 805x330x554                            | 946x410x810               |
|                           | Machine weight                  | kg         | 28.0/30.5                              | 51.9/56.0                 |
|                           | Refrigerant charged (5m piping) | kg         | R32/0.73                               | R32/1.40                  |
| Refrigerant piping        | Liquid side/ Gas side           | mm (inch)  | Φ6.35(1/4in)/Φ12.7(1/2in)              | Φ6.35(1/4in)/Φ12.7(1/2in) |
|                           | Max. pipe length                | m          | 25                                     | 30                        |
|                           | Max. difference in level        | m          | 15                                     | 20                        |
|                           | Control type (Outdoor)          |            | EXV                                    | EXV                       |
|                           | Heat insulation                 |            | Both liquid and gas pipe               |                           |
| Thermostat type           |                                 |            | Wireless Remote Control, Smart control |                           |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

# Multi Split System

MY AFFORDABLE WHOLE-HOUSE COOLING SOLUTION



Space Saving



Energy Saving



Cost Saving



Individual Control



Multiple Units



Smart Control



Easy Installation  
& Maintenance



Reliability

## Between Indoor Units Various Combinations

Depending on your individual rooms, a wide range of indoor units are compatible with Midea Outdoor units. You can custom your whole-house cooling IDUs, selecting from product line-up showed as following.



## Space Saving

Midea Multi-split saves installation space for outdoor units. It solves the cooling problems of multiple rooms with small space, since it's easier to place the outdoor unit in balcony or just outside the room. The whole space goes to be concise and aesthetic.

# 248%

Midea Multi-split unit saves up to 248% installation space of outdoor unit



Apartments



CBD offices



Countryside houses



(\*Data applied to 42K Multi-split ODU and 12K Single-split ODU)

## Energy Saving

### Inverter Quattro™

The Inverter Quattro™ technology can save up to 30% energy consumption and create the best sense of comfort. It enables the chip to accurately instruct the inverter compressor and BLDC fan motors of all indoor units for best overall performance. This technology realizes in-time signals receiving, accurate data processing, anticipating and prompt transmission of instructions to whole unit.

Save up to  
**30%**  
energy consumption



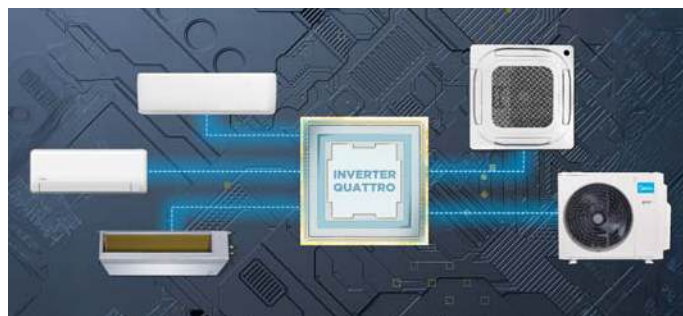
Signal Receiving



Data Processing



Instruction Transmitting



## Cost Saving

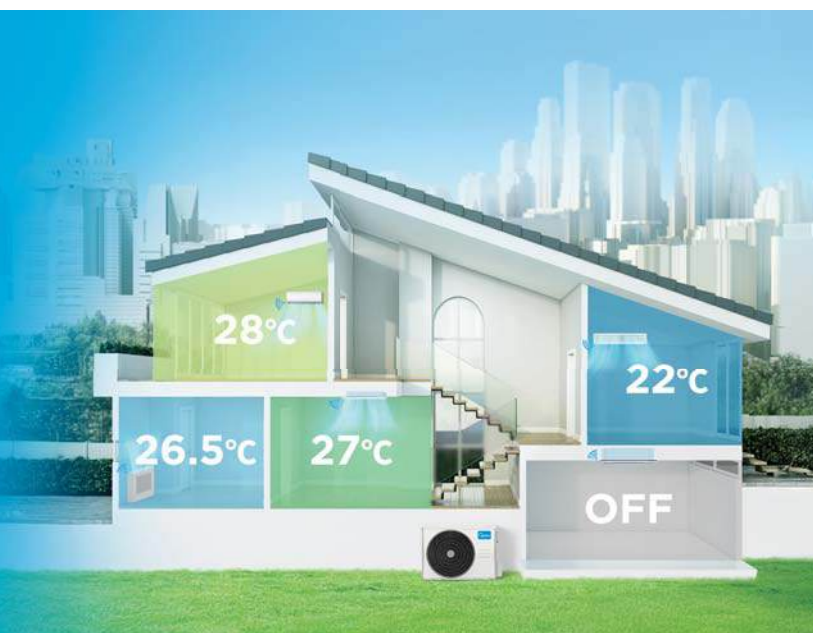
### Reduce the cost of product and installation

The initial cost of cooling device must be taken into serious consideration, especially for multiple rooms. When meeting the same needs, the cost of Midea Multi Split is lower than the cost of a Single Split.

The fee of installation could be higher if multiple rooms are simultaneously equipped with single-split units. Midea Multi Split offers a series of easy-to-install technologies for ONE ODU installation, which can further decrease the initial cost of family decision.

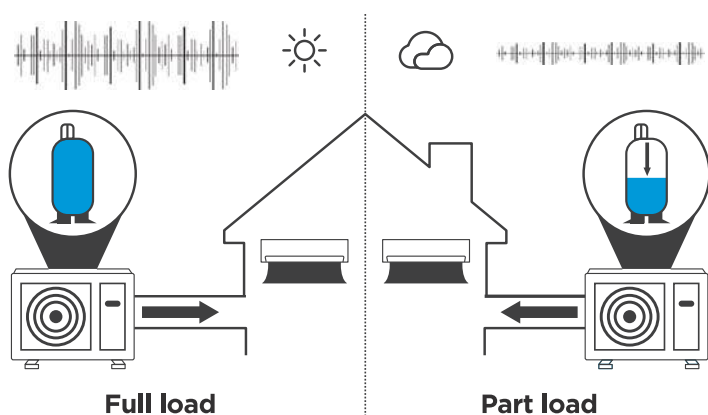
### Individual Control

Provide individual control for each indoor unit, brings desired comfort and saves energy, since you can heat or cool only those rooms you are using versus the entire house.



## Low Noise

When ambient temperature is low or during the night time, the air conditioner are much quieter during its operation, since they will automatically lower the frequency of inverter compressor as well as the DC fan motor speed. And with less outdoor units, the outdoor noise is also much lower.



### App-based Remote Control

Based on the cloud service under M-Smart Security Protocol, the MideaAIR app makes your home life easier, smarter and more comfortable with versatile functions just in hand. Discover the MideaAIR to get your home life connected.



### Central Control

Batched control of up to 8 indoor units. The temperature, airflow volume, and the remote control prohibition settings of all indoor units can be batched.

# Wired Controller



Remote Control



Multiple Connect



Flexible Operation

## CENTRALIZED CONTROLLER



### CCM30

Control up to 64 IDUs  
Control 1 IDU independently  
Control all IDUs synchronously



### CCM-180A/WS

Control up to 64 IDUs  
Control 1 IDU independently  
Control all IDUs synchronously  
Control by group

## WIRED CONTROLLER



### LITE

Easier Control the Functions You Need

### KJR-120K

Connected via display board (5-core cable)  
Function:  
LCD Display  
Infrared signal receiver  
Follow me  
Timer ON/OFF  
Auto restart



### EXTRA

Flexible Control of Professional Functions

### KJR-120M

Connected via PCB (4-core cable)  
Function:  
WIFI integrated in controller  
LCD Display  
Infrared signal receiver  
Follow me  
Timer ON/OFF  
Weekly timer  
Individual vane control  
Auto restart

# SPECIFICATIONS

## MULTI SPLIT INDOOR

### Fairy Series Wall Mounted

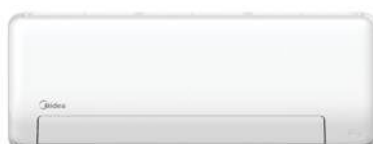


| Indoor model                           |                       | MSAFBU-07HRFNX      | MSAFBU-09HRFNX          | MSAFBU-12HRFNX          | MSAFBU-18HRFNX          | MSAFBU-24HRFNX          |
|----------------------------------------|-----------------------|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Power source                           | V/ph/Hz               | 220-240-/1/50       | 220-240-/1/50           | 220-240-/1/50           | 220-240-/1/50           | 220-240-/1/50           |
| Cooling capacity                       | Btu/h                 | 7,000 (3,150-8,750) | 9,000 (4,050-11,250)    | 12,000 (5,400-14,250)   | 18,000 (11,700-20,700)  | 24,000 (15,600-27,600)  |
| Power consumption - Rated              | W                     | 20                  | 20                      | 20                      | 34                      | 62                      |
| Running current - Rated                | A                     | 0.09                | 0.09                    | 0.09                    | 0.15                    | 0.28                    |
| Indoor air flow (High)                 | m³/h (cfm)            | 520 (306)           | 520 (306)               | 600 (353)               | 840 (495)               | 980 (576)               |
| Indoor sound pressure level (Hi/Mi/Lo) | dB(A)                 | 40/30/26/21         | 40/30/26/21             | 40/34/26/22             | 44/37/30/25             | 44.5/42/34.5/28         |
| Indoor unit                            | Dimension (WxDxH)     | mm                  | 805x194x285             | 805x194x285             | 957x213x302             | 1040x220x327            |
|                                        | Packing (WxDxH)       | mm                  | 870x270x360             | 870x270x360             | 1035x295x380            | 1120x405x310            |
|                                        | Net/Gross weight      | Kg                  | 7.5/9.7                 | 7.5/9.7                 | 10/13                   | 12.3/15.8               |
|                                        | Liquid side/ Gas side | mm (inch)           | Φ6.35(1/4")/Φ9.52(3/8") | Φ6.35(1/4")/Φ9.52(3/8") | Φ6.35(1/4")/Φ12.7(1/2") | Φ9.52(3/8")/Φ15.9(5/8") |
| Thermostat type                        |                       | Remote Control      |                         |                         |                         |                         |

# SPECIFICATIONS

## MULTI SPLIT INDOOR

### AE Pro Series Wall Mounted



| Indoor model                           |                       | MSEPB-10CRFN8        | MSEPB-13CRFN8           | MSEPB-19CRFN8           | MSEPB-25CRFN8           |
|----------------------------------------|-----------------------|----------------------|-------------------------|-------------------------|-------------------------|
| Power source                           | V/ph/Hz               | 220-240-/1/50        | 220-240-/1/50           | 220-240-/1/50           | 220-240-/1/50           |
| Cooling capacity                       | Btu/h                 | 9,000 (4,050-11,250) | 12,000 (5,400-14,250)   | 18,000 (11,700-20,700)  | 24,000 (15,600-27,600)  |
| Power consumption - Rated              | W                     | 20                   | 20                      | 30                      | 58                      |
| Running current - Rated                | A                     | 0.09                 | 0.09                    | 0.13                    | 0.25                    |
| Indoor air flow (High)                 | m³/h (cfm)            | 530 (312)            | 560 (329)               | 810 (476)               | 1092 (642)              |
| Indoor sound pressure level (Hi/Mi/Lo) | dB(A)                 | 37/32/21.5           | 40/33/22                | 41/35/23                | 44.5/40/33              |
| Indoor unit                            | Dimension (WxDxH)     | mm                   | 795x225x295             | 965x239x319             | 1140x297x370            |
|                                        | Packing (WxDxH)       | mm                   | 870x370x305             | 1045x400x325            | 1230x455x355            |
|                                        | Net/Gross weight      | Kg                   | 10.2/13                 | 12.3/16.4               | 20/25.3                 |
|                                        | Liquid side/ Gas side | mm (inch)            | Φ6.35(1/4")/Φ9.52(3/8") | Φ6.35(1/4")/Φ9.52(3/8") | Φ6.35(1/4")/Φ15.9(5/8") |
| Thermostat type                        |                       | Remote Control       |                         |                         |                         |

# SPECIFICATIONS

## MULTI SPLIT INDOOR

### Compact Ceiling Cassette



| Indoor model                           |                          | MCA3U-07HRFNX       | MCA3U-09HRFN8          | MCA3U-12HRFNX          | MCA3U-18HRFNX          |
|----------------------------------------|--------------------------|---------------------|------------------------|------------------------|------------------------|
| Power source                           | V/ph/Hz                  | 220-240-/1/50       | 220-240-/1/50          | 220-240-/1/50          | 220-240-/1/50          |
| Cooling capacity                       | Btu/h                    | 7,000 (4,150-8,350) | 9,000 (4,650-11,250)   | 12,000 (5,500-14,250)  | 18,000 (12,100-21,000) |
| Power consumption - Rated              | W                        | 40                  | 40                     | 40                     | 102                    |
| Running current - Rated                | A                        | 0.18                | 0.18                   | 0.18                   | 0.44                   |
| Indoor air flow (High)                 | m³/h (cfm)               | 580 (341)           | 580 (341)              | 617 (363)              | 680 (400)              |
| Indoor sound pressure level (Hi/Mi/Lo) | dB(A)                    | 38/33/29            | 38/33/29               | 41/37/34               | 44/42/41               |
| Indoor unit                            | Dimension (WxDxH)(body)  | mm                  | 570x570x260            | 570x570x260            | 570x570x260            |
|                                        | Packing (WxDxH)(body)    | mm                  | 662x662x317            | 662x662x317            | 662x662x317            |
|                                        | Dimension (WxDxH)(panel) | mm                  | 647x647x50             | 647x647x50             | 647x647x50             |
|                                        | Packing (WxDxH)(panel)   | mm                  | 715x715x123            | 715x715x123            | 715x715x123            |
|                                        | Net/Gross weight (body)  | Kg                  | 14.5/17.3              | 16.2/21.4              | 16.2/21.4              |
|                                        | Net/Gross weight         | mm (inch)           | 2.5/4.5                | 2.5/4.5                | 2.5/4.5                |
| Design pressure                        | MPa                      | 4.3/1.7             | 4.3/1.7                | 4.3/1.7                | 4.3/1.7                |
| Drainage water pipe dia.               | mm                       | ODΦ25               | ODΦ25                  | ODΦ25                  | ODΦ25                  |
| Refrigerant piping                     | Liquid side/ Gas side    | mm                  | Φ6.35/Φ9.52(1/4"/3/8") | Φ6.35/Φ9.52(1/4"/3/8") | Φ6.35/Φ12.7(1/4"/1/2") |
| Controller                             |                          | Remote control      |                        |                        |                        |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.

# SPECIFICATIONS

## MULTI SPLIT INDOOR

### Ceiling Concealed



| Indoor model                           |                       |            | MTIU-07HWFNX           | MTIU-09HWFNX           | MTIU-12HWFNX           | MTIU-18HWFNX           |
|----------------------------------------|-----------------------|------------|------------------------|------------------------|------------------------|------------------------|
| Power source                           |                       | V/ph/Hz    | 220-240-/1/50          | 220-240-/1/50          | 220-240-/1/50          | 220-240-/1/50          |
| Cooling capacity                       |                       | Btu/h      | 7,000 (3,550-8,950)    | 9,000 (4,250-11,350)   | 12,000 (5,800-14,550)  | 18,000 (12,700-20,800) |
| Power consumption-Rated                |                       | W          | 170                    | 180                    | 185                    | 200                    |
| Running current - Rated                |                       | A          | 1.0                    | 1.1                    | 1.1                    | 1.3                    |
| Indoor air flow (High)                 |                       | m³/h (cfm) | 500(294)               | 500(294)               | 600 (353)              | 880 (518)              |
| ESP                                    | Rated                 | Pa         | 25                     | 25                     | 25                     | 25                     |
|                                        | Range                 | Pa         | 0-40                   | 0-40                   | 0-60                   | 0-100                  |
| Indoor sound pressure level (Hi/Mi/Lo) |                       | dB(A)      | 40/34.5/27.5           | 40/34.5/27.5           | 40/34.5/27.5           | 41.5/38/33             |
| Indoor unit                            | Dimension (WxDxH)     | mm         | 700x450x200            | 700x450x200            | 700x450x200            | 880x674x210            |
|                                        | Packing (WxDxH)       | mm         | 860x540x275            | 860x540x275            | 860x540x275            | 1070x725x280           |
|                                        | Net/Gross weight      | kg         | 18/22                  | 18/22                  | 18/22                  | 24.3/29.6              |
| Design pressure                        |                       | MPa        | 4.3/1.7                | 4.3/1.7                | 4.3/1.7                | 4.3/1.7                |
| Drainage water pipe dia.               |                       | mm         | ØØ25                   | ØØ25                   | ØØ25                   | ØØ25                   |
| Refrigerant piping                     | Liquid side/ Gas side | mm (inch)  | Φ6.35/Φ9.52(1/4"/3/8") | Φ6.35/Φ9.52(1/4"/3/8") | Φ6.35/Φ9.52(1/4"/3/8") | Φ6.35/Φ12.7(1/4"/1/2") |
| Controller                             |                       |            | Wired Control          |                        |                        |                        |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.

# SPECIFICATIONS

## MULTI SPLIT OUTDOOR



| Outdoor Model                                          |                                 |            | M20H-14HFN8-Q                         | M20E-18HFN8-Q                         | M30G-21HFN8-Q                         | M30A-27HFN8-Q                         | M40E-28HFN8-Q                                               | M40B-36HFN8-Q                                                 | M50E-42HFN8-Q                                                |
|--------------------------------------------------------|---------------------------------|------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------|
| Power supply                                           |                                 | V,Hz,Ph    | 220-240-/1/50                         | 220-240-/1/50                         | 220-240-/1/50                         | 220-240-/1/50                         | 220-240-/1/50                                               | 220-240-/1/50                                                 | 220-240-/1/50                                                |
| Cooling Capacity                                       |                                 | Btu/h      | 14,000 (5,000-17,000)                 | 18,000 (7,800-19,500)                 | 21,000 (6,800-22,500)                 | 27,000 (10,850-28,000)                | 28,000 (7,000-33,600)                                       | 36,000 (7,000-43,200)                                         | 42,000 (7,000-48,300)                                        |
| Power consumption-Rated (Min.-Max.)                    |                                 | W          | 1,270 (115-1,672)                     | 1,635 (690-2,000)                     | 1,905 (180-2,200)                     | 2,450 (290-3,100)                     | 2,540 (890-3,180)                                           | 3,500 (1,290-4,240)                                           | 3,810 (280-4,650)                                            |
| Running Current - Rated (Min.-Max.)                    |                                 | A          | 5.8 (1.12-7.35)                       | 7.3 (3.2-9.0)                         | 8.3 (1.8-10)                          | 11.2 (2.0-13.5)                       | 11.3 (3.9-14.1)                                             | 16.8 (5.9-18.9)                                               | 16 (1.4-20.7)                                                |
| Max. power consumption                                 |                                 | W          | 2,750                                 | 3,050                                 | 3,910                                 | 4,100                                 | 4,150                                                       | 4,600                                                         | 4,700                                                        |
| Max. running current                                   |                                 | A          | 12                                    | 12                                    | 17                                    | 18                                    | 19                                                          | 21.5                                                          | 22                                                           |
| Outdoor air flow                                       |                                 | m³/h (cfm) | 2100 (1235)                           | 2100 (1235)                           | 3000 (1765)                           | 3000 (1765)                           | 3800 (2235)                                                 | 4000 (2352)                                                   | 3850 (2265)                                                  |
| Outdoor sound pressure level                           |                                 | dB(A)      | 56                                    | 54                                    | 58                                    | 58                                    | 61.5                                                        | 63                                                            | 64                                                           |
| Throttle type                                          |                                 |            | EEV                                   | EXV+Capillary                         | EXV+Capillary                         | EXV+Capillary                         | EXV+Capillary                                               | EXV+Capillary                                                 | EXV+Capillary                                                |
| Outdoor unit                                           | Dimension(WxDxH)                | mm         | 805x330x554                           | 805x330x554                           | 890x342x673                           | 890x342x673                           | 946x410x810                                                 | 946x410x810                                                   | 946x410x810                                                  |
|                                                        | Packing(WxDxH)                  | mm         | 915x370x615                           | 915x370x615                           | 1030x438x750                          | 1030x438x750                          | 1090x500x875                                                | 1090x500x875                                                  | 1090x500x875                                                 |
|                                                        | Net/Gross weight                | kg         | 31.6/34.7                             | 35/38                                 | 43.3/47.1                             | 48/51.8                               | 62.1/67.7                                                   | 68.8/75.6                                                     | 74.1/79.5                                                    |
| Refrigerant                                            | Type                            |            | R32                                   | R32                                   | R32                                   | R32                                   | R32                                                         | R32                                                           | R32                                                          |
|                                                        | Charged quantity                | Kg         | 1.1                                   | 1.25                                  | 1.5                                   | 1.85                                  | 2.1                                                         | 2.1                                                           | 2.9                                                          |
| Design pressure                                        |                                 | MPa        | 4.3/1.7                               | 4.3/1.7                               | 4.3/1.7                               | 4.3/1.7                               | 4.3/1.7                                                     | 4.3/1.7                                                       | 4.3/1.7                                                      |
| Refrigerant piping                                     | Liquid side/ Gas side           | mm(inch)   | 2x6.35mm(2x1/4")/<br>2x9.52mm(2x3/8") | 2x6.35mm(2x1/4")/<br>2x9.52mm(2x3/8") | 3x6.35mm(3x1/4")/<br>3x9.52mm(3x3/8") | 3x6.35mm(3x1/4")/<br>3x9.52mm(3x3/8") | 4 x 6.35mm/3x<br>9.52mm +1x12.7mm<br>(4x1/4"/3x3/8"+1x1/2") | 4 x<br>6.35mm/3x9.52mm<br>+1x12.7mm<br>(4x1/4"/3x3/8"+1x1/2") | 5 x 6.35mm/4x<br>9.52mm + 1x12.7mm<br>(5x1/4"/4x3/8"+1x1/2") |
|                                                        | Max. length for all rooms       | m          | 40                                    | 40                                    | 60                                    | 60                                    | 80                                                          | 80                                                            | 80                                                           |
|                                                        | Max. length for one indoor unit | m          | 25                                    | 25                                    | 30                                    | 30                                    | 35                                                          | 35                                                            | 35                                                           |
| Max. height difference between indoor and outdoor unit |                                 | m          | 15                                    | 15                                    | 15                                    | 15                                    | 15                                                          | 15                                                            | 15                                                           |
| Max. height difference between indoor units            |                                 | m          | 10                                    | 10                                    | 10                                    | 10                                    | 10                                                          | 10                                                            | 10                                                           |

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.  
2.The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.

# COMBINATION

## MULTI-SPLIT R32 MODEL

### M2OC-18HFN8- Q

| One Unit | Two Unit |
|----------|----------|
| 9        | 9+9      |
| 12       | 9+12     |
| 18       |          |

### M3OE-21HFN1- Q

| One Unit | Two Unit |      |       | Three Unit |       |
|----------|----------|------|-------|------------|-------|
| 7        | 7+7      | 9+9  | 12+12 | 7+7+7      | 7+9+9 |
| 9        | 7+9      | 9+12 |       | 7+7+9      | 9+9+9 |
| 12       | 7+12     | 9+18 |       | 7+7+12     |       |
| 18       | 7+18     |      |       |            |       |

### M3OE-27HFN8- Q

| One Unit | Two Unit |       | Three Unit |
|----------|----------|-------|------------|
| 9        | 9+9      | 12+12 | 9+9+9      |
| 12       | 9+12     | 12+18 | 9+9+12     |
| 18       | 9+18     |       | 9+12+12    |

### M4OB-36HFN8- Q

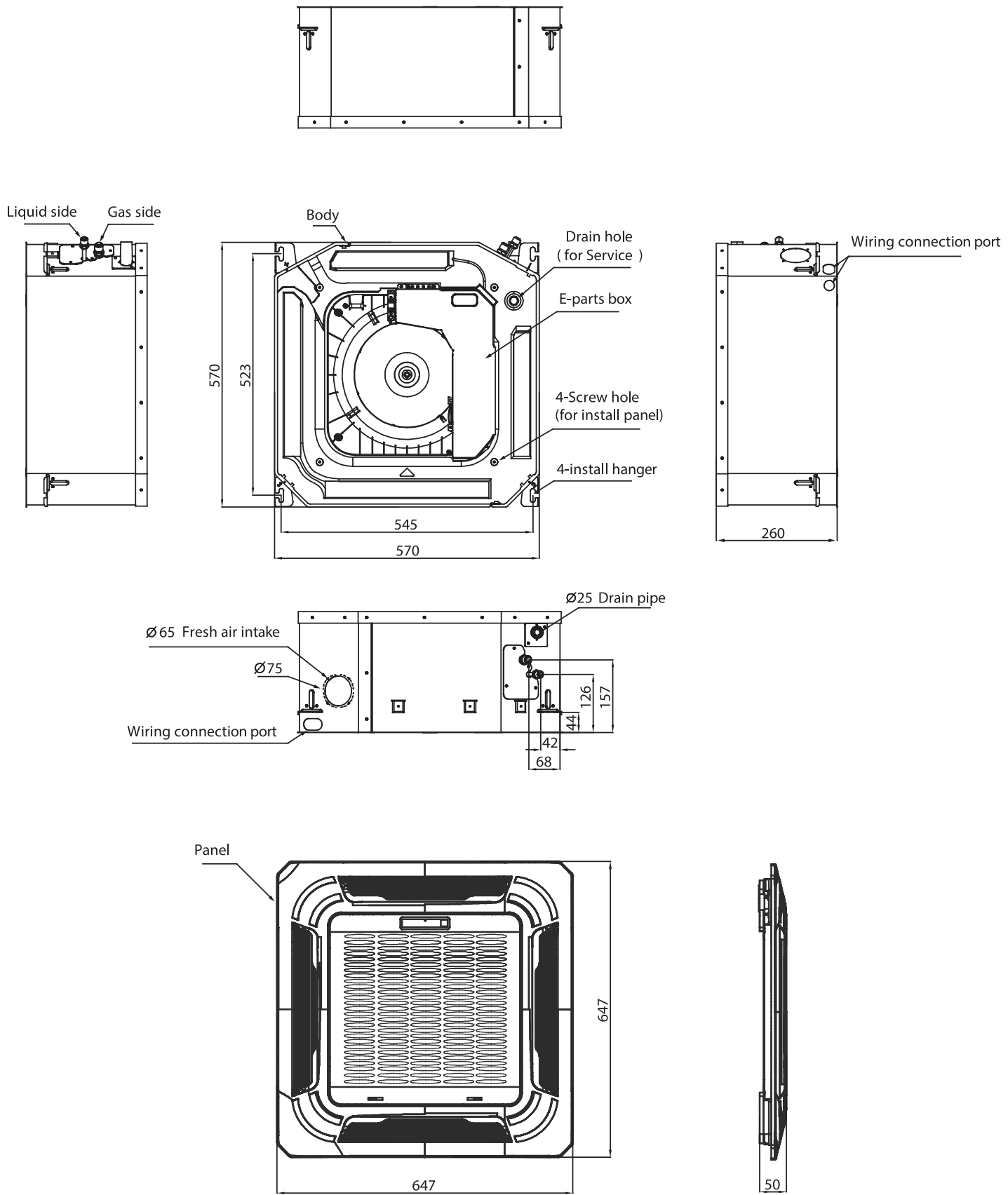
| One Unit | Two Unit |       | Three Unit |          |          | Four Unit |            |
|----------|----------|-------|------------|----------|----------|-----------|------------|
| 9        | 9+9      | 12+12 | 9+9+9      | 9+12+12  | 12+12+12 | 9+9+9+9   | 9+9+12+12  |
| 12       | 9+12     | 12+18 | 9+9+12     | 9+12+18  | 12+12+18 | 9+9+9+12  | 9+12+12+12 |
| 18       | 9+18     |       | 9+9+18     | 9+12+24  |          | 9+9+9+18  |            |
| 24       |          |       | 9+9+24     | 19+18+18 |          |           |            |

### M5OB-42HFN8-Q

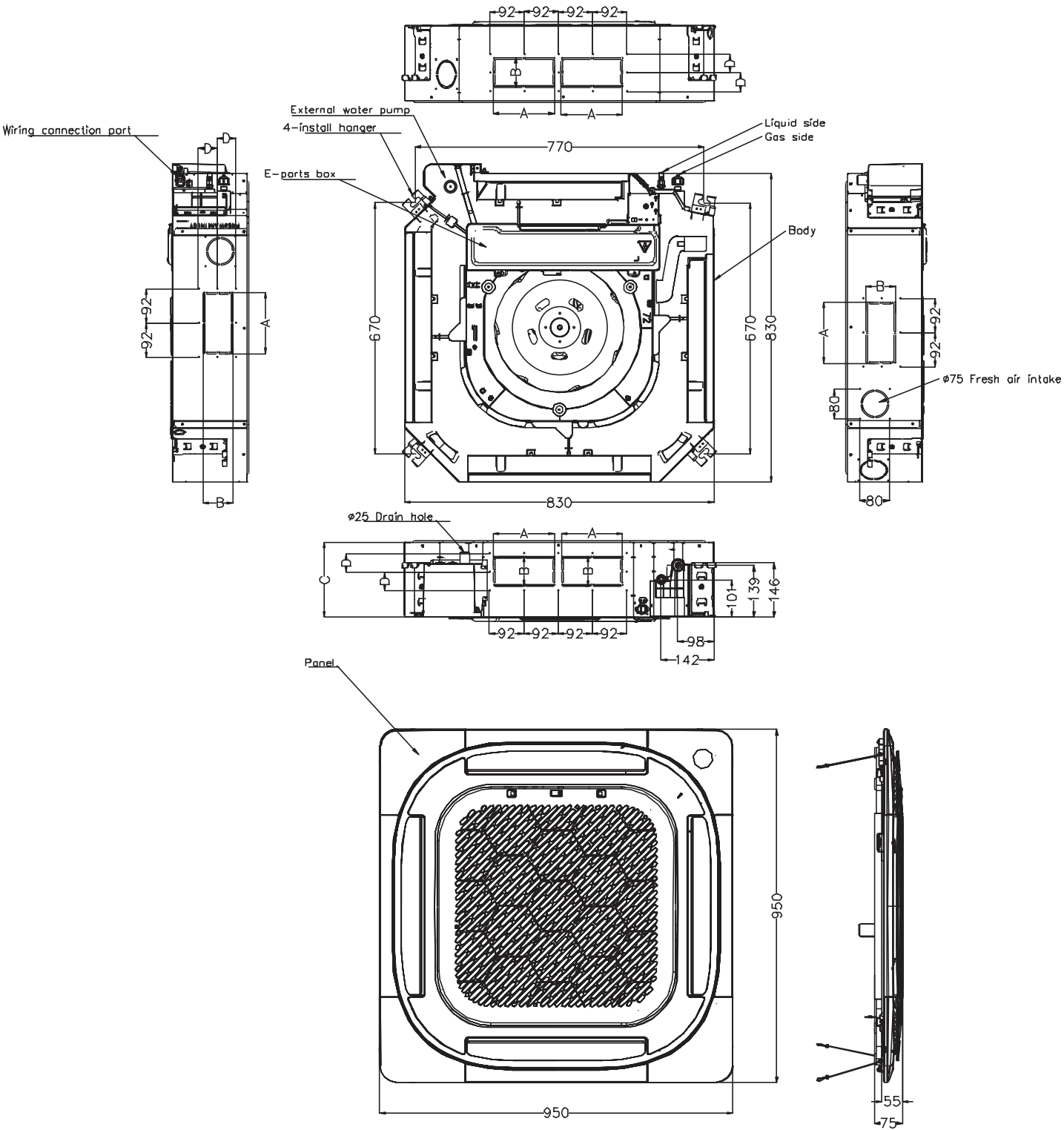
| One Unit   | Two Unit |       | Three Unit   |          |          | Four Unit |            |             |
|------------|----------|-------|--------------|----------|----------|-----------|------------|-------------|
| 9          | 9+9      | 12+12 | 9+9+9        | 9+12+12  | 12+12+12 | 9+9+9+9   | 9+9+12+12  | 9+12+12+18  |
| 12         | 9+12     | 12+18 | 9+9+12       | 9+12+18  | 12+12+18 | 9+9+9+12  | 9+9+12+18  | 12+12+12+12 |
| 18         | 9+18     | 12+24 | 9+9+18       | 9+12+24  | 12+12+24 | 9+9+9+18  | 9+9+12+24  | 12+12+12+18 |
| 24         | 9+24     | 18+18 | 9+9+24       | 19+18+18 | 12+18+18 | 9+9+9+24  | 9+12+12+12 |             |
| Five Unit  |          |       |              |          |          |           |            |             |
| 9+9+9+9+9  |          |       | 9+9+9+12+12  |          |          |           |            |             |
| 9+9+9+9+12 |          |       | 9+9+12+12+12 |          |          |           |            |             |
| 9+9+9+9+18 |          |       |              |          |          |           |            |             |
|            |          |       |              |          |          |           |            |             |

# COMPACT CASSETTE DIMENSION

MCA3-12CRN8/MCX-12CRFNX

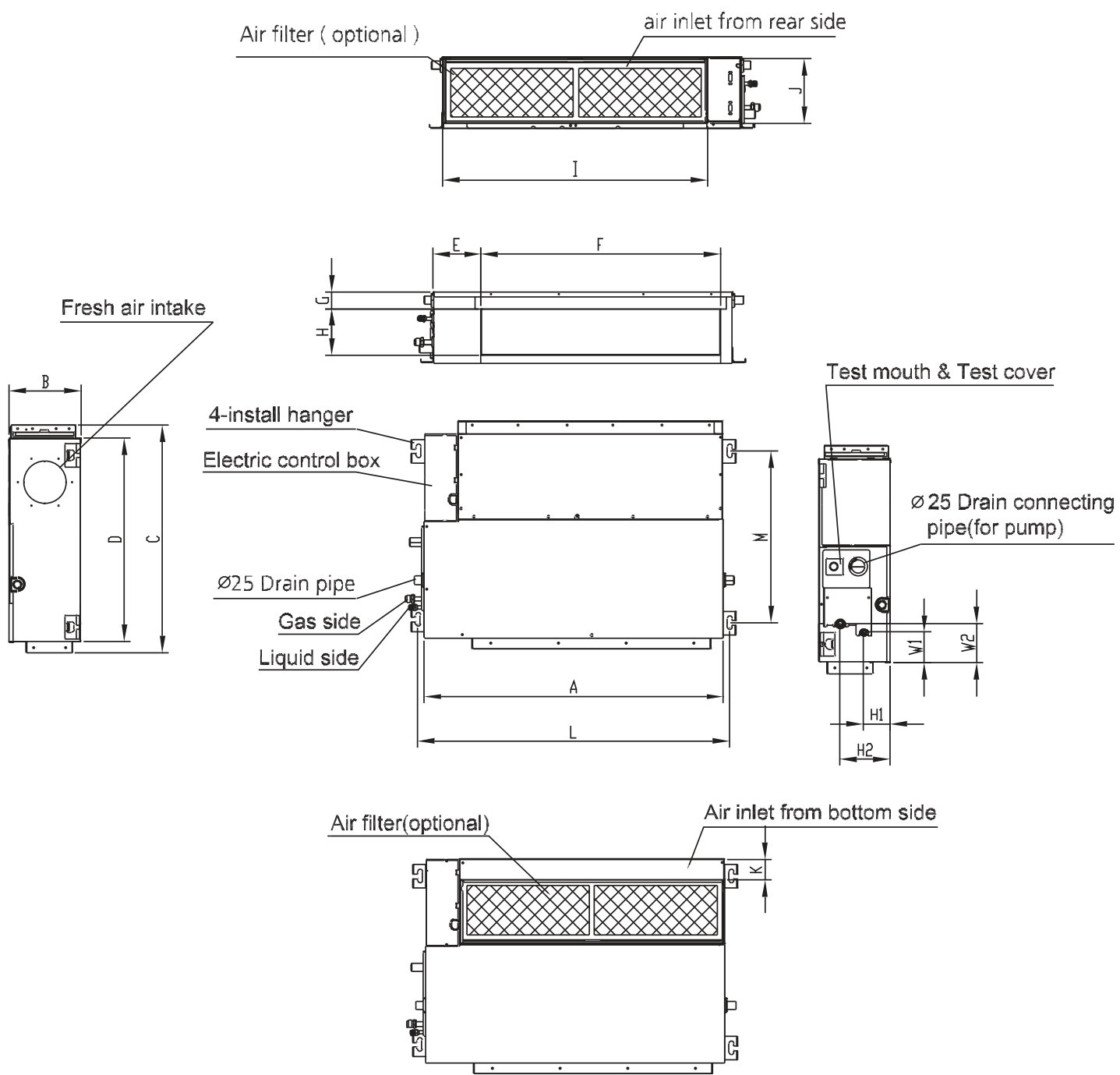


# CEILING CASSETTE DIMENSION



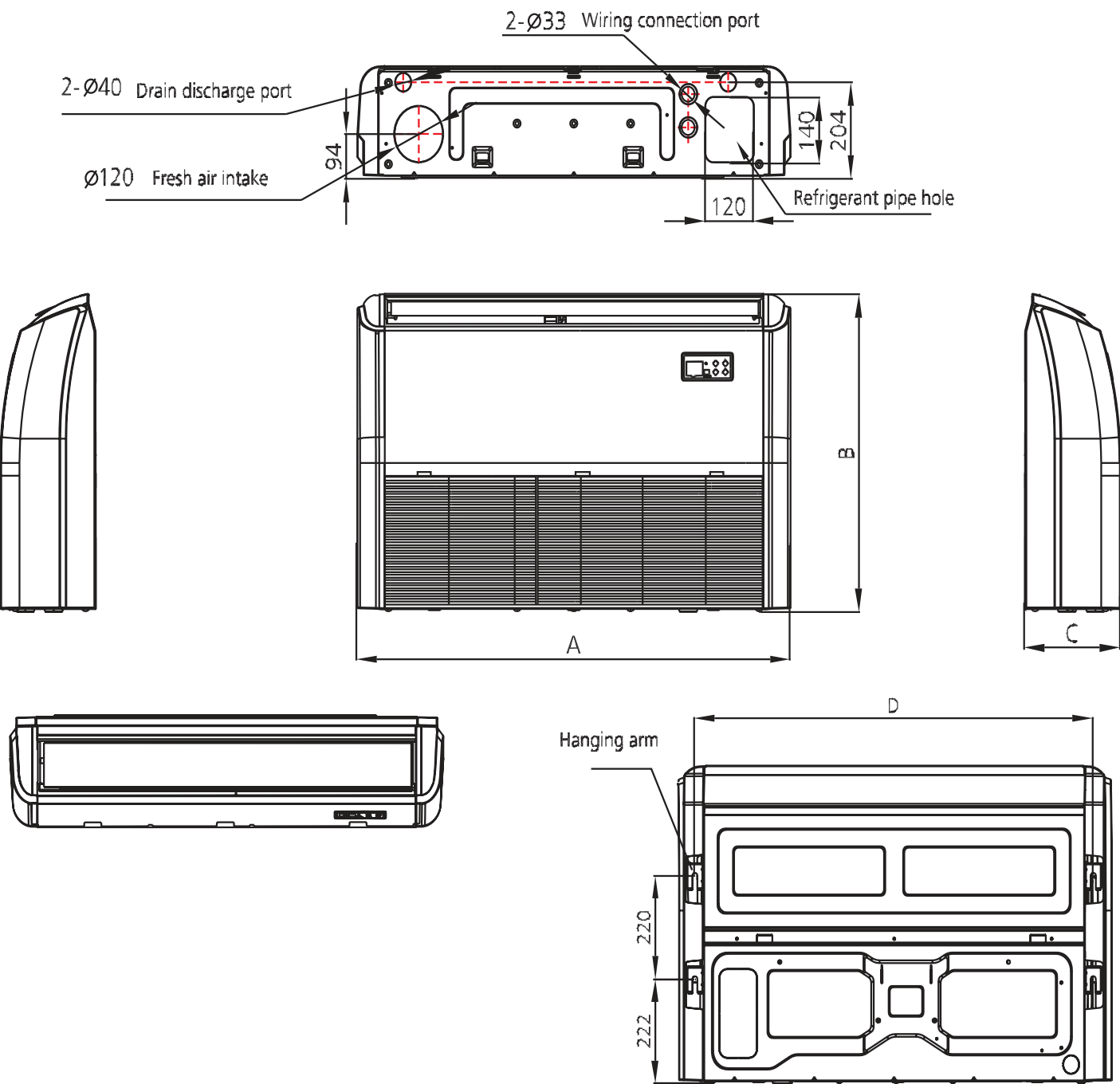
| Ceiling Cassette Dimension    |        |       |       |       |
|-------------------------------|--------|-------|-------|-------|
| Model                         | A (mm) | B(mm) | C(mm) | D(mm) |
| MCDX-18CRN8, MCDXMY-25CRN8-SP | 165    | 80    | 205   | 50    |
| MCCD-20CRDN8, MCCD-25CRDN8    |        |       |       |       |
| MCX-24CRFNX                   |        |       |       |       |
| MCDX-30/36/48CRN8             | 165    | 100   | 245   | 60    |
| MCCD-33/40/50CRDN8            |        |       |       |       |
| MCX-30/40CRFNX                |        |       |       |       |
| MCX-42/48CRFNX                | 165    | 100   | 287   | 60    |

# CEILING CONCEAL DIMENSION



| Ceiling Conceal Dimension |      |      |     |     |     |     |      |    |     |      |     |    |      |     |    |     |     |     |
|---------------------------|------|------|-----|-----|-----|-----|------|----|-----|------|-----|----|------|-----|----|-----|-----|-----|
| Model                     | Unit | A    | B   | C   | D   | E   | F    | G  | H   | I    | J   | K  | L    | M   | H1 | H2  | W1  | W2  |
| MTI-12CRFNX               | mm   | 700  | 200 | 506 | 450 | 137 | 537  | 30 | 152 | 599  | 186 | 50 | 741  | 360 | 84 | 140 | 84  | 84  |
| MTI-18HRN1, MTI-18CRFNX   | mm   | 880  | 210 | 674 | 600 | 140 | 706  | 50 | 136 | 782  | 190 | 50 | 920  | 508 | 78 | 148 | 88  | 112 |
| MTI-24HRN1, MTI-36HRN1    | mm   | 1100 | 249 | 774 | 700 | 140 | 926  | 50 | 175 | 1001 | 228 | 50 | 1140 | 598 | 80 | 150 | 130 | 155 |
| MTI-24CRFNX               |      |      |     |     |     |     |      |    |     |      |     |    |      |     |    |     |     |     |
| MTI-30/36/40CRFNX         | mm   | 1360 | 249 | 774 | 700 | 140 | 1186 | 50 | 175 | 1261 | 228 | 50 | 1400 | 598 | 80 | 150 | 130 | 155 |
| MTI-48HRN1, MTI-60HRN1    | mm   | 1200 | 300 | 874 | 800 | 123 | 1044 | 50 | 227 | 1101 | 280 | 50 | 1240 | 697 | 80 | 150 | 185 | 210 |
| MTI-42/48/60CRFNX         |      |      |     |     |     |     |      |    |     |      |     |    |      |     |    |     |     |     |

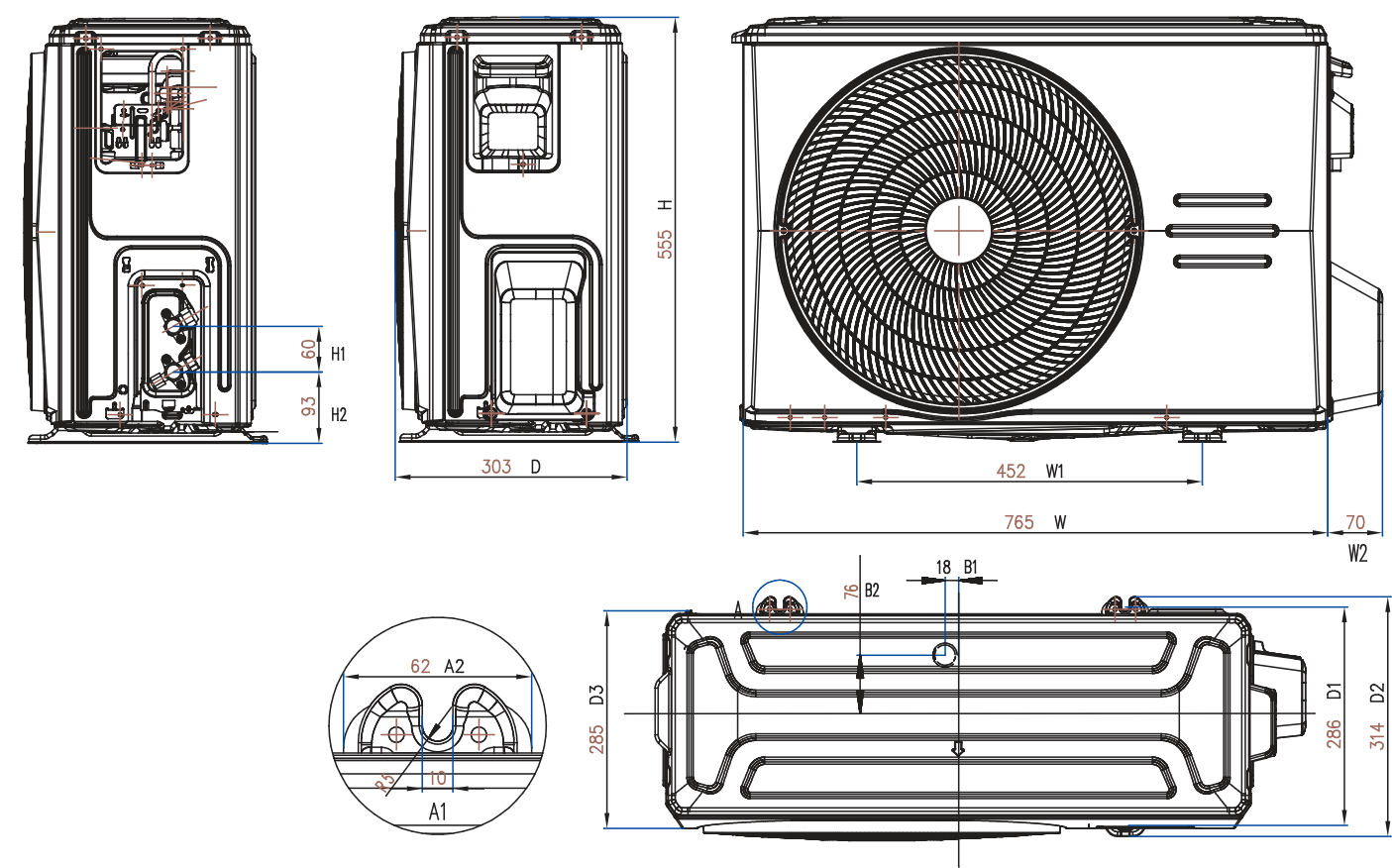
# CEILING FLOOR DIMENSION



| Ceiling Floor Dimension   |        |       |       |       |
|---------------------------|--------|-------|-------|-------|
| Model                     | A (mm) | B(mm) | C(mm) | D(mm) |
| MUEMY-25CRN8-SP           | 1068   | 675   | 235   | 983   |
| MUEB-20CRFN8,MUEB-25CRFN8 |        |       |       |       |
| MUE-18CRFNX,MUE-24CRFNX   |        |       |       |       |
| MUE-36CRNX                | 1285   | 675   | 235   | 1200  |
| MUEB-33CRFN8,MUEB-40CRFN8 |        |       |       |       |
| MUE-48CRNX,MUEB-50CRFN8   | 1650   | 675   | 235   | 1565  |
| MUE-36/40/48/60CRFNX      |        |       |       |       |

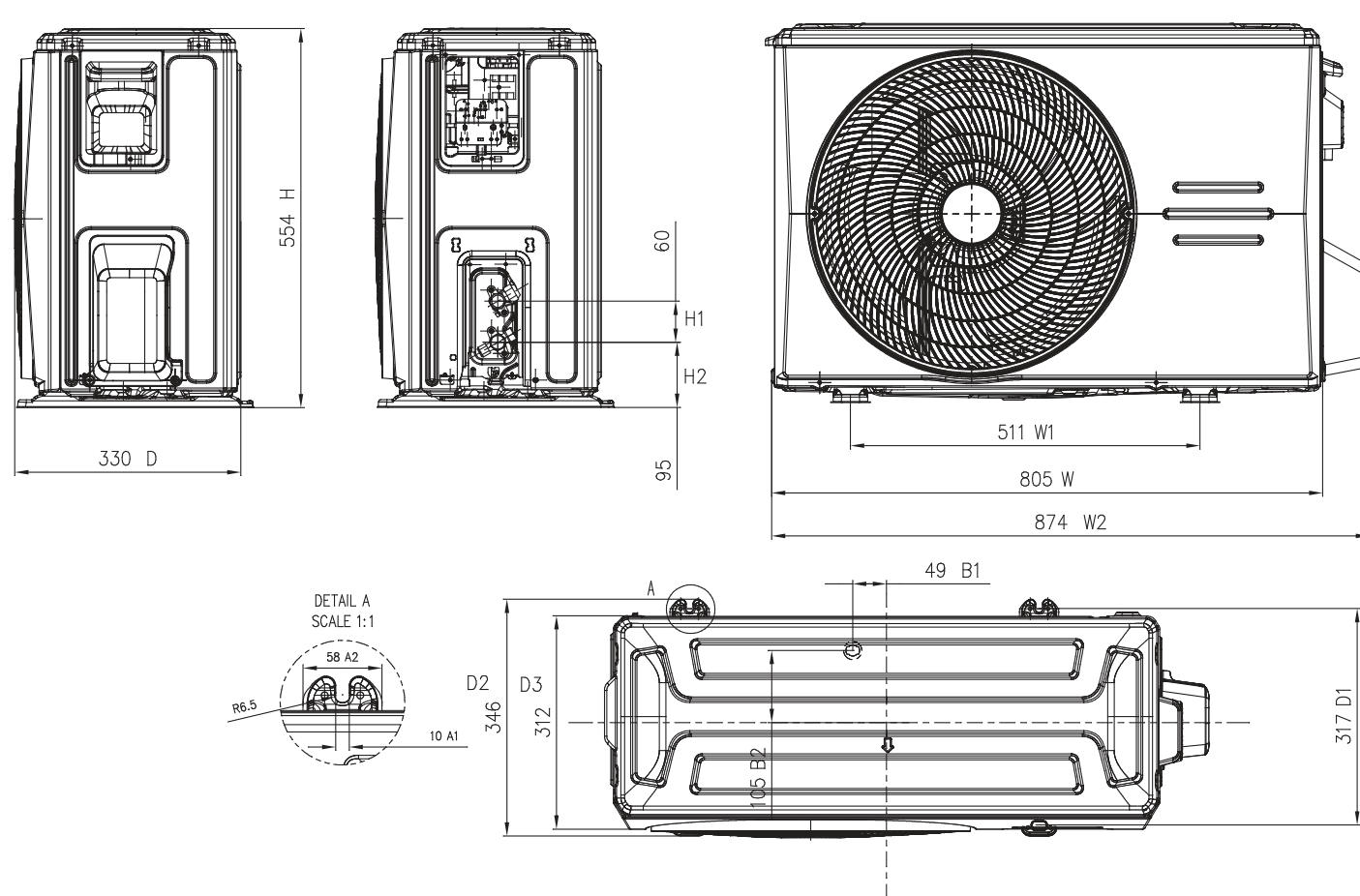
# OUTDOOR DIMENSION

MOUX-12CN8, MOUX-12CFN8



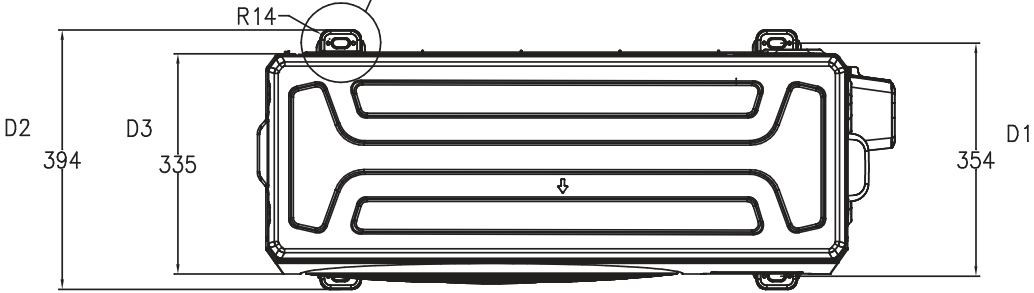
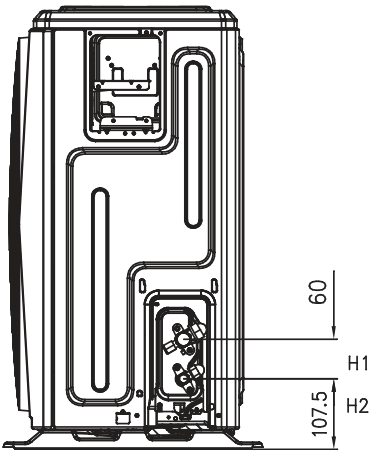
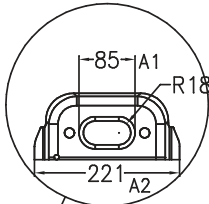
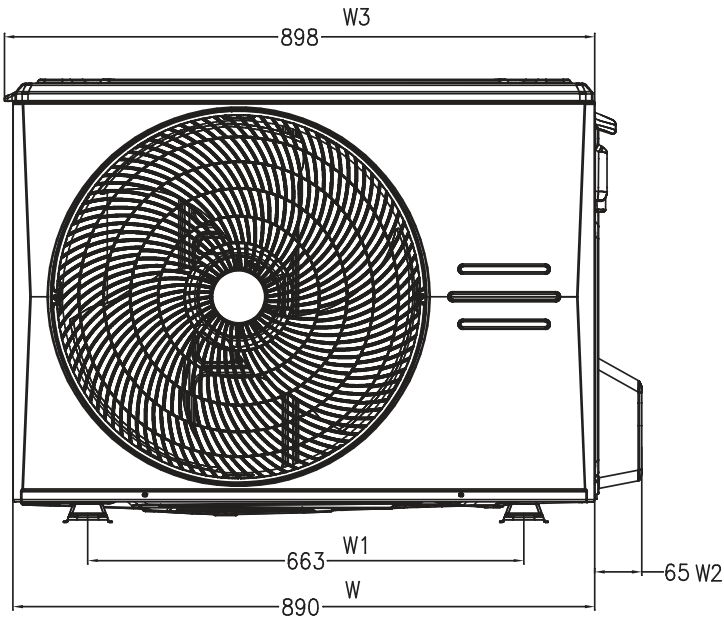
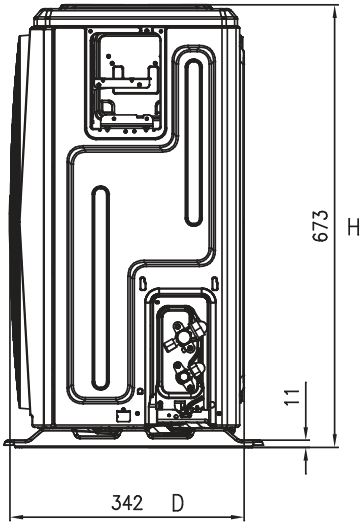
# OUTDOOR DIMENSION

MOUX-18CN8, MOU-18HN1, MOUX-18CFN8, MODX-20CFN8



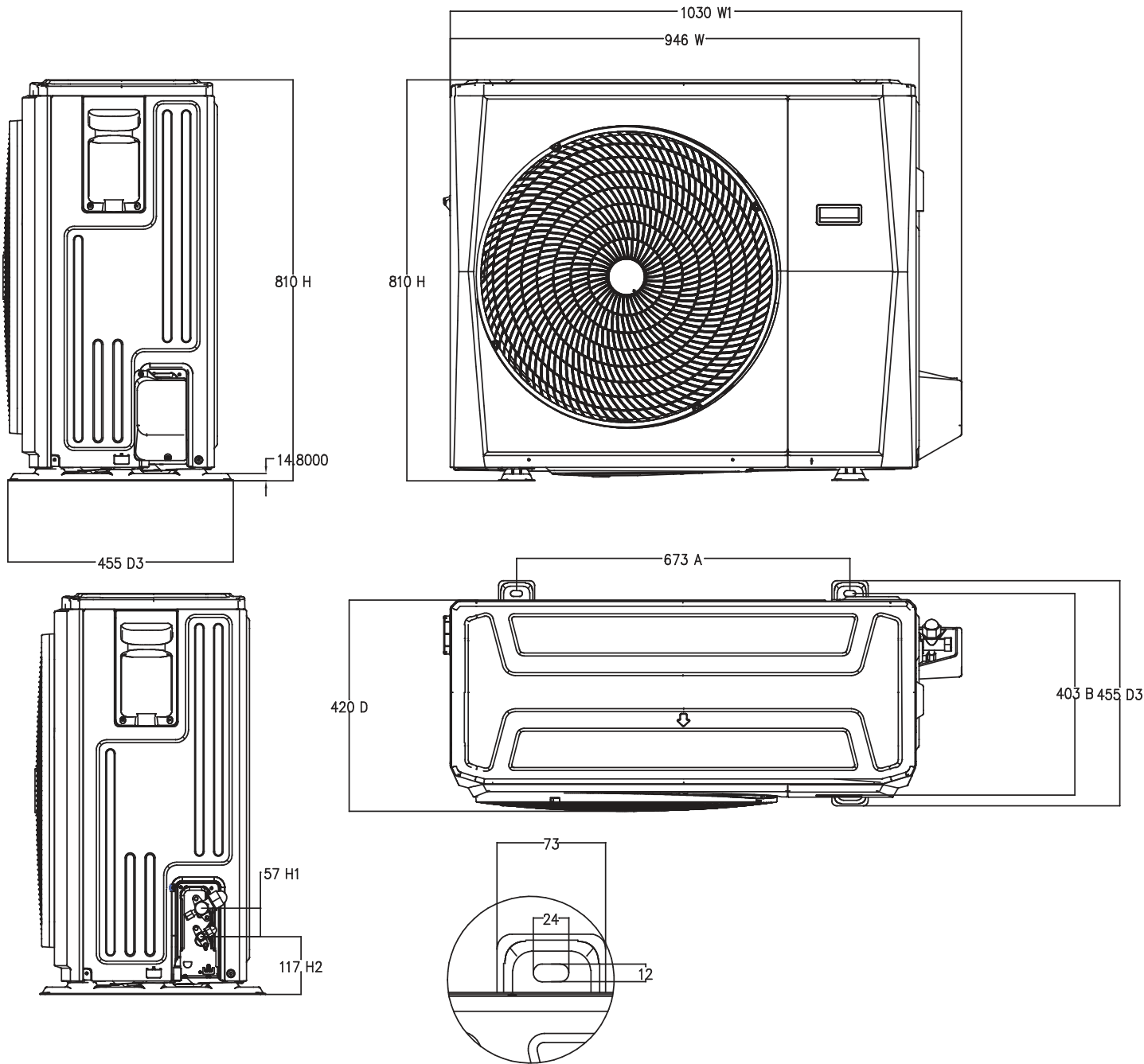
# OUTDOOR DIMENSION

MOUXMY-25CRN8-SP, MOU-24HN1, MOUX-24CFN8, MODX-25CFN8



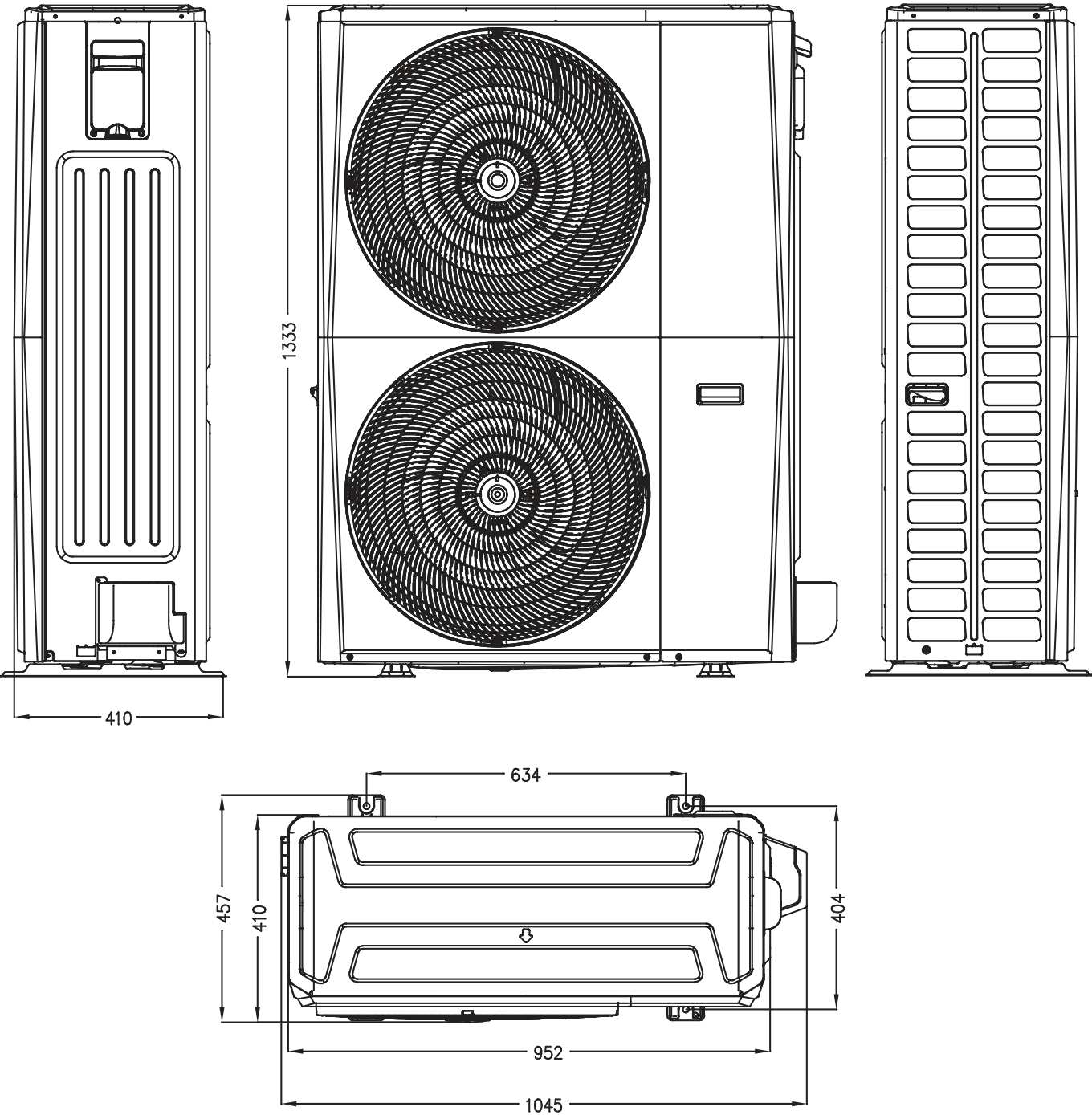
# OUTDOOR DIMENSION

MOUX-30CN8, MOUX-36CN8, MOUX-48CN8, MOUX-30CFN8, MOUX-36CFN8, MOUX-40CFN8, MOUX-42CFN8, MODX-33CFN8, MODX-40CFN8, MODX-50CFN8



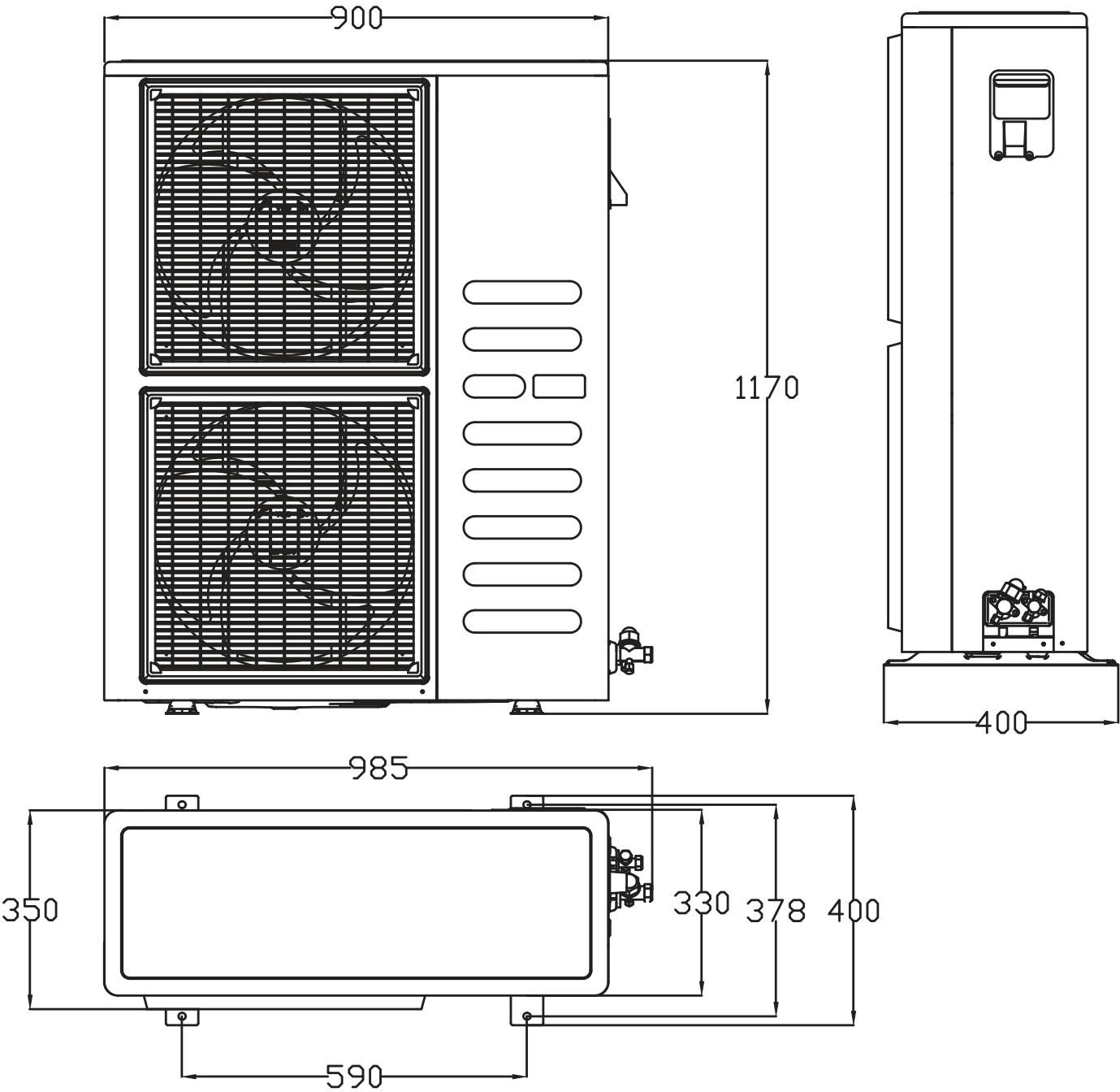
# OUTDOOR DIMENSION

MOUX-48CFN8, MOUX-60CFN8



# OUTDOOR DIMENSION

MOU-60HN1, MOU-60CN1, MOU-48HN1



## INVERTER LCAC ERROR CODE

| Display Code | Error Information                                                                | Quick Solution                                                        |
|--------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| SC           | Self clean                                                                       | Normal function code, not error                                       |
| FC           | Forced cooling                                                                   |                                                                       |
| AP           | AP mode of WIFI connection                                                       |                                                                       |
| EH 00        | Indoor EEPROM malfunction                                                        | Check indoor PCB or outdoor mainboard                                 |
| EH 0A        | Indoor EEPROM parameter error                                                    | Check indoor PCB or outdoor mainboard                                 |
| EL 01        | Communication malfunction between indoor and outdoor units                       | Check signal wire, outdoor mainboard and indoor PCB                   |
| EH 03        | The indoor fan speed is operating outside of the normal range                    | Check indoor fan motor and connection wire, indoor PCB                |
| EH 60        | Indoor room temperature sensor T1 is in open circuit or short circuit            | Check indoor room temperature sensor                                  |
| EH 61        | Evaporator coil middle temperature sensor T2 is in open circuit or short circuit | Check indoor coil temperature sensor                                  |
| EL 0C        | Refrigerant leakage detection System lacks refrigerant                           | Check gas leaking, copper pipe flare nut, indoor PCB                  |
| EH 0E        | Water-level alarm malfunction                                                    | Check float switch, water pump, PCB                                   |
| EC 53        | Outdoor ambient temperature sensor T4 is in open circuit or short circuit        | Check outdoor condenser room temperature sensor                       |
| EC 52        | Condenser coil temperature sensor T3 is in open circuit or short circuit         | Check outdoor condenser coil temperature sensor                       |
| EC 54        | Compressor discharge temperature sensor TP is in open circuit or short circuit   | Check outdoor compressor top discharge temperature sensor             |
| EC 51        | Outdoor unit EEPROM parameter error                                              | Check outdoor main control board                                      |
| EC 07        | The outdoor fan speed is operating outside of the normal range                   | Check outdoor fan motor and connection wire, outdoor main board       |
| EH 0b        | Communication error between indoor two chips                                     | Check indoor PCB                                                      |
| PC 00        | IPM malfunction or IGBT over-strong current protection                           | Check outdoor main board, outdoor fan motor, compressor               |
| PC 01        | Outdoor unit voltage protection (low or high voltage)                            | Check outdoor main board, outdoor fan motor, reactor                  |
| PC 02        | Top temperature protection of compressor                                         | Check outdoor connection wire, outdoor main board, system blockages   |
| PC 04        | Inverter compressor drive error                                                  | Check outdoor main board, outdoor fan motor, compressor               |
| PC 03        | Pressure protection(low or high pressure)                                        | Check outdoor connection wire,low pressure sensor, outdoor main board |
| EC 55        | Outdoor IPM module temperature sensor fault                                      | Check outdoor main board                                              |
| EH bA        | Communication malfunction between external fan module and indoor unit            | Check indoor PCB                                                      |
| EH 3A        | External fan DC bus voltage is too low protection                                |                                                                       |
| EH 3b        | External fan DC bus voltage is too high fault                                    |                                                                       |
| EH 0b        | Communication error between indoor PCB and display PCB                           | Check connection between PCB and display board                        |

## NON INVERTER CEILING CASSETTE ERROR CODE

| Display Code | Error Information                                                         | Quick Solution                                       |
|--------------|---------------------------------------------------------------------------|------------------------------------------------------|
| EH 00        | Indoor EEPROM malfunction                                                 | Check power and Indoor PCB                           |
| EH 03        | The indoor fan speed is operating outside of the normal range             | Check Indoor PCB                                     |
| EH 60        | Indoor room temperature sensor T1 is in open circuit or short circuit     | Check indoor room temp. sensor                       |
| EH 61        | Evaporator coil temperature sensor T2 is in open circuit or short circuit | Check indoor coil temp. sensor                       |
| EL 0C        | Refrigerant leakage detection                                             | Check gas leaking, copper pipe flare nut, indoor PCB |
| EH 0E        | Water level alarm malfunction                                             | Check float switch, water pump, PCB                  |
| EC 52        | Condenser coil temperature sensor T3 is in open circuit or short circuit  | Check outdoor condenser coil sensor or main PCB      |
| EH 0b        | Communication error between indoor two chips                              | Check Indoor PCB                                     |

## NON INVERTER CEILING FLOOR/CEILING CONCEAL ERROR CODE

| Display Code | Error Information                                                         | Quick Solution                                       |
|--------------|---------------------------------------------------------------------------|------------------------------------------------------|
| E2           | Indoor room temperature sensor T1 is in open circuit or short circuit     | Check indoor room temp. sensor                       |
| E3           | Evaporator coil temperature sensor T2 is in open circuit or short circuit | Check indoor coil temp. sensor                       |
| E4           | Condenser coil temperature sensor T3 is in open circuit or short circuit  | Check outdoor condenser coil sensor or main PCB      |
| E6           | Outdoor unit malfunction                                                  | Check outdoor mainboard                              |
| E7           | Indoor EEPROM malfunction                                                 | Check power and Indoor PCB                           |
| EC           | Refrigerant leakage detection                                             | Check gas leaking, copper pipe flare nut, indoor PCB |
| E8           | Water level alarm malfunction                                             | Check float switch, water pump, PCB                  |
| EH 0b        | Communication error between indoor two chips                              | Check Indoor PCB                                     |

## NON INVERTER FLOOR STANDING ERROR CODE-1

| Display Code | Error Information                                                               | Quick Solution                                       |
|--------------|---------------------------------------------------------------------------------|------------------------------------------------------|
| E0           | Indoor unit EEPROM parameter error                                              | Check power and Indoor PCB                           |
| E3           | The indoor fan speed is operating outside of the normal range                   | Check Indoor PCB, Fan motor                          |
| E4           | Indoor room temperature sensor T1 is in open circuit or has short circuited     | Check indoor room temp. sensor                       |
| E5           | Evaporator coil temperature sensor T2 is in open circuit or has short circuited | Check indoor coil temp. sensor                       |
| EC           | Refrigerant leakage detection                                                   | Check gas leaking, copper pipe flare nut, indoor PCB |
| Eb           | Indoor PCB/Display board communication error                                    | Check PCB/Display board wire socket connection       |
| E8           | Water level alarm malfunction                                                   | Check float switch, water pump, PCB                  |
| EH 0b        | Communication error between indoor two chips                                    | Check Indoor PCB                                     |

## NON INVERTER FLOOR STANDING ERROR CODE-2

| Display Code | Error Information                                                               | Quick Solution                                       |
|--------------|---------------------------------------------------------------------------------|------------------------------------------------------|
| EH 00/EH 0A  | Indoor EEPROM malfunction                                                       | Check power and Indoor PCB                           |
| EH 03        | The indoor fan speed is operating outside of the normal range                   | Check Indoor PCB, Fan motor                          |
| EH 60        | Indoor room temperature sensor T1 is in open circuit or has short circuited     | Check indoor room temp. sensor                       |
| EH 61        | Evaporator coil temperature sensor T2 is in open circuit or has short circuited | Check indoor coil temp. sensor                       |
| EL 0C        | Refrigerant leakage detection                                                   | Check gas leaking, copper pipe flare nut, indoor PCB |
| EC 52        | Condenser coil temperature sensor T3 is in open circuit or has short circuited  | Check outdoor condenser coil sensor or main PCB      |
| EH 0b        | Indoor PCB/Display board communication error                                    | Check PCB/Display board wire socket connection       |
| PC4C         | Lack of phase                                                                   | Check 3 phase power supply                           |

# LCAC OUTDOOR MAIN BOARD ERROR CODE

| Outdoor board LED light |            |            | Error Information                                                                                                          | Quick Solution                                       |
|-------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| LED1                    | LED2       | LED3       |                                                                                                                            |                                                      |
| Flash                   | Off        | Off        | Phase sequence                                                                                                             | Adjust the sequence of any two phase                 |
| Flash                   | Off        | Off        | Lack of phase(A,B)                                                                                                         | Check power supply phase missing                     |
| Off                     | Off        | Off        | Lack of phase(C)                                                                                                           | Check power supply phase missing                     |
| Flash                   | Flash      | Off        | Low pressure protection                                                                                                    | Check gas pressure and low pressure valve            |
| Off                     | Off        | Flash      | Current overload protection                                                                                                | Check outdoor board, compressor                      |
| Flash                   | Off        | Flash      | Communication malfunction between indoor and outdoor units                                                                 | Check control wire and outdoor board                 |
| Off                     | Flash      | Flash      | Condenser coil temperature sensor T3 is in open circuit or short circuit                                                   | Check outdoor condenser coil sensor or outdoor board |
| Off                     | Flash      | Off        | Open-circuit and short-circuit trouble of T4 or high pressure protection or discharge temperature protection of compressor | Check outdoor sensor or outdoor board,compressor     |
| Flash                   | Flash      | Flash      | High temperature protection of condenser                                                                                   | Check refrigerant system blocked or pressure switch  |
| Slow Flash              | Slow Flash | Slow Flash | Normal standby                                                                                                             |                                                      |

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