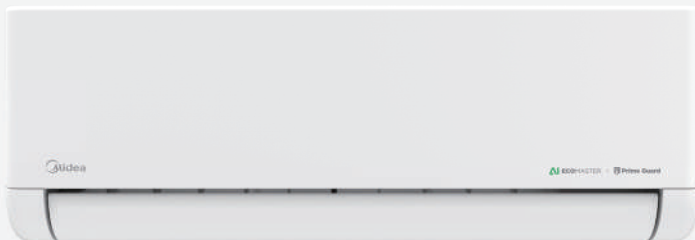


Midea



Celest
INVERTER

**RELIABLE COOLING
GUARANTEED**

Inverter Split Wall Mounted
PRODUCT CATALOGUE
2025

AI ECOMASTER

Master AI Saving, Better Comfort Cooling

Real AI master control based on giga-scale big data, Balancing energy-saving and comfort needs.



Master Giga Data



Master Precise Control



Master Comfort Saving



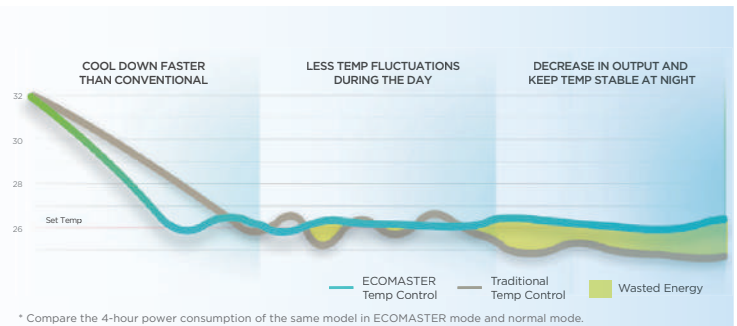
38%*

LESS ENERGY

Percentage energy saving compare to the lowest 2 stars rating air conditioning. 38% is applicable to 1HP Numen Inverter.

MASTER
30%* Extra
Energy Saving with AI Algorithm
MASTER AI Temperature Control
±0.3°C

Verified by



Cool Flash

5°C
in 10 mins*
from 36°C to 31°C

Air Volume
665M³/h

Air Distance**
8.1M

The latest generation of COOLFLASH achieves faster cooling speed, stronger air circulation, larger swing angle, and further airflow distance through dual upgrades of hardware and software. With one press of the COOLFLASH button, the room can be quickly cooled down to the desired temperature, immersing you in an evenly cool room.

* Tested by Midea Lab for 10-minute cooling. The room temp of 1.5HP Celest AC dropped by 5°C, with an initial room temp is 36°C, and the outdoor temp is 43°C, 60% RH.

** Tested on the 1.5HP Celest AC in Coolflash mode by Midea Lab, the farthest distance refers to a wind speed of no less than 0.3m/s



Power Cooling Beats the Heat

Even at high temperatures of up to **55°C**, Midea Inverter still operates effectively, beating heat and providing optimal cooling to the room.



I - Clean 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.



Cooling mode & Mid-speed wind



The temperature cools rapidly ($T \leq -10^{\circ}\text{C}$) and frost forms on the evaporator surface.



Defrost into water to remove dust and dirt.



Dry the evaporator to prevent mold growth.



Prime Guard

TU1 Corrosion-Resistance Copper Tube

70% less impurities than ordinary tubes.

Compared with the ordinary tubes, TU1 reduces the impurity content, and its corrosion resistance and thermal conductivity are improved.

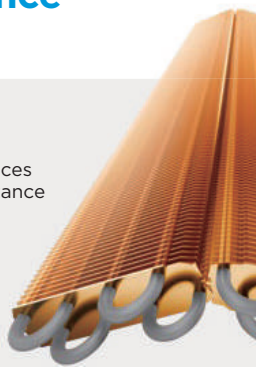
TP2

More Impurities & Less Consistency

VS

TU1

Fewer Impurities & Better Consistency



Wide Voltage Operation

Thanks to Ultra Electronic Control System, Midea's Inverter can work stably in 80V-265V*. Whether it is the peak of urban electricity consumption or the shortage of power supply in remote areas, it can always work consistently and smoothly.

CONVENTIONAL 184V 265V

MIDEA 80V 265V

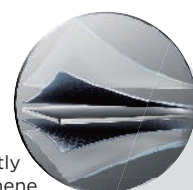
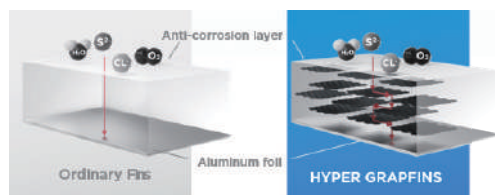
* The voltage operation range of BP3 is 80-265V, BP2 is 150-265V, and 18k and above is 120-256V.



HYPER GRAPFINS™

12.5X* Corrosion Resistance than Blue Coated Fins

Graphene is a single monolayer of carbon atoms, tightly bound in a hexagonal honeycomb lattice. When graphene is added to the anti-corrosion layer, the density of the layer can be improved to resist corrosion.



* The judgment standard of corrosion resistance is based on comparing the maximum corrosion area ratio of the rating number in JIS Z 2371-2015. Compared samples are Midea fins: Midea blue coated fins in HD2202-2/HW3308. Midea HYPER GRAPFINS in HMD011/HW3308.

Easy To Maintain

Quick and Easy to Pull-out PCB

The Easier Solution for PCB Replacement

Maintenance efficiency increased by **32%**



1 Open the Front Panel

2 Remove ONE screw from the Electronic Control Box

3 Take Away the Electronic Control Box Cover

4 Remove Wire Terminals

5 Pull Out the PCB

Built to Last

Prime technologies in reliability and durability Guard comfort cool.

Silver Shield Anti-corrosive Coating

The left side of the evaporator are coated with "environmentally friendly polymer coating & technological baking method" to prevent the copper pipe from being polluted and corroded by air pollutants, making it more secure and durable.

<0.1% vs **>50%**

Anti-corrosive Coated Pipe

Ordinary Pipe



Verified by **Intertek** Total Quality Assured. Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, Annex A, test method B)

Reliable PCB with UV Conformal Coating

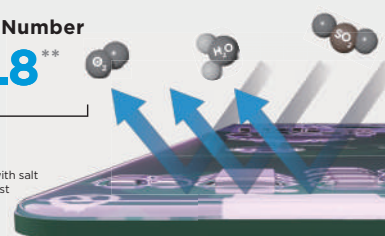
Curing using UV light, Greener and with 2x Thicker and Higher Density Protection

Corrosion Area **<0.02%*** Rating Number **9.8****

Verified by **Intertek**

* Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, Annex A, test method B, JIS Z 2371:2015 Annex JC)

** The full rating number is 10.



AUTO DEDUSTING



When the AC is turned off, the fan blade of the outdoor unit will automatically rotate in reverse to get rid of the accumulated sand and dust, ensuring the AC is clean and operates well in any environment.



Quick and Easy to Pull-out PCB

The Easier Solution for PCB Replacement

Maintenance efficiency increased by **32%**



1 Open the Front Panel

2 Remove ONE screw from the Electronic Control Box

3 Take Away the Electronic Control Box Cover

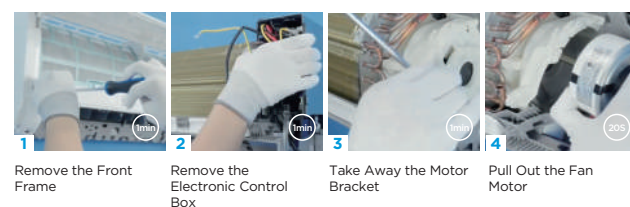
4 Remove Wire Terminals

5 Pull Out the PCB

Pull-out Fan Motor

The Easier Solution for Fan Motor Replacement

Maintenance efficiency increased by **72%**



1 Remove the Front Frame

2 Remove the Electronic Control Box

3 Take Away the Motor Bracket

4 Pull Out the Fan Motor

FEATURES



ECOMASTER
30% Extra Energy
Saving



HYPER
GRAPFINS



Anti-Corrosive
Coated Pipe



TUI Corrosion-resistance
Copper Tube



Coolflash
5°C In 10 Mins



I-Clean



Easy To
Maintain



Follow Me
(I-Sense)

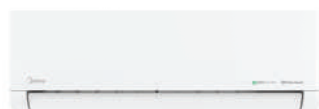


Low Noise



Smart Diagnosis

APPEARANCE



Indoor Unit



Remote Control

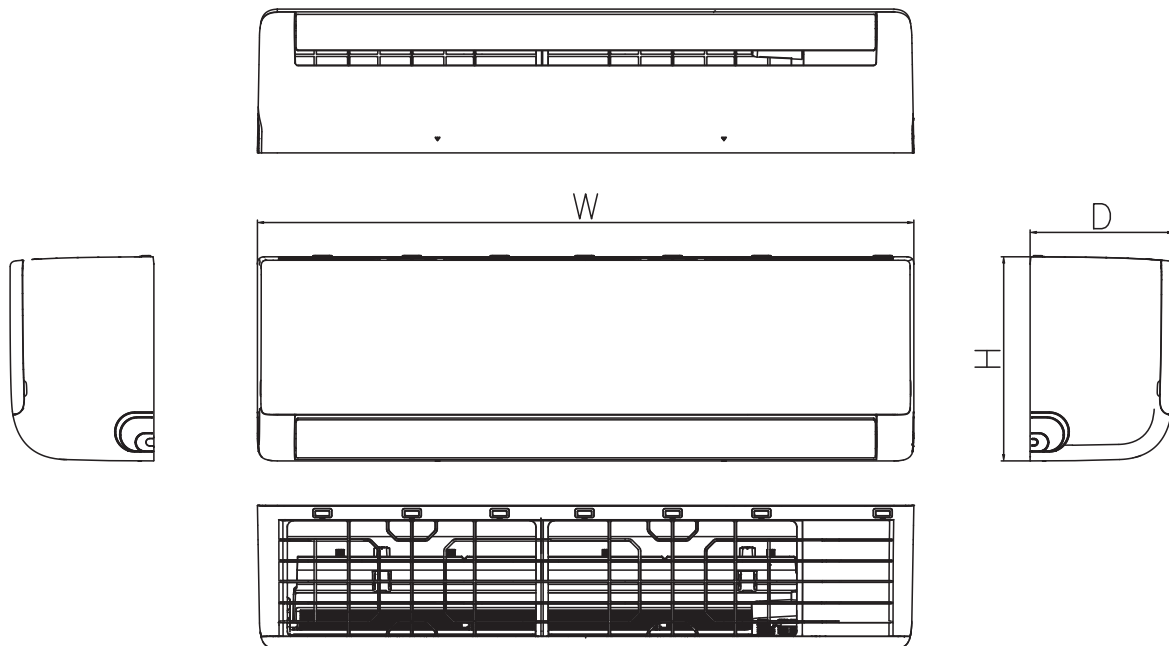


Outdoor Unit

SPECIFICATIONS

| Model | Indoor | | MSCE-10CRFN8-ID | MSCE-13CRFN8-ID | MSCE-19CRFN8-ID | MSCE-25CRFN8-ID |
|---|------------------------------|------------------------|--|------------------------|------------------------|------------------------|
| | Outdoor | | MSCE-10CRFN8-OD | MSCE-13CRFN8-OD | MSCE-19CRFN8-OD | MSCE-25CRFN8-OD |
| Cooling Capacity | Rated (Min-Max) | Btu/h | 10,000 (1,250-11,109) | 12,000 (3,900-12,500) | 18,000 (6,900-18,500) | 24,000 (9,600-25,500) |
| Power consumption | Rated (Min-Max) | W | 890(135-1,080) | 1,250(150-1,250) | 1,758(190-1,850) | 2,512(790-2,750) |
| Running current | Rated (Min-Max) | A | 3.87(1.01-4.7) | 5.09(1.6-5.45) | 7.64(1.48-8.7) | 10.92(3.95-11.95) |
| CSPF(Cooling seasonal performance factor) | Wh/Wh | | 4.99 | 4.88 | 5.30 | 4.95 |
| Energy Efficiency Star Rating | | | | | | |
| Power supply | | V,Hz,Ph | 220-240V~,50Hz,1Ph ((power supply to indoor)) | | | |
| Indoor unit | Indoor air flow (H) | m ³ /h(cfm) | 600 (353) | 630 (370) | 895 (526) | 1,112(654) |
| | Indoor Sound level (H/M/L) | dB(A) | 39.5/34.5/31.5 | 39.5/34.5/31.5 | 44.5/37/34.5 | 47/40/36.5 |
| | Dimension(W*D*H) | mm | 813x201x289 | 813x201x289 | 975x218x308 | 1055x231x330 |
| | Packing (W*D*H) | mm | 870x270x365 | 870x270x365 | 1035x295x385 | 1130x405x310 |
| | Net/Gross weight | Kg | 7.8/9.8 | 7.8/9.8 | 10.1/13.2 | 12.1/15.8 |
| Outdoor unit | Outdoor Sound level | dB(A) | 52 | 55 | 56 | 59 |
| | Dimension(W*D*H) | mm | 668x252x469 | 668x252x469 | 765x303x555 | 805x330x554 |
| | Packing (W*D*H) | mm | 765x270x515 | 765x270x515 | 887x337x610 | 915x370x615 |
| | Net/Gross weight | Kg | 17.0/18.6 | 17.0/18.5 | 24.2/26.9 | 29.9/32.5 |
| | Refrigerant Charge | g | R32/360g | R32/420g | R32/650g | R32/830g |
| | Design pressure | MPa | 4.3/1.7 | 4.3/1.7 | 4.3/1.7 | 4.3/1.7 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Φ6.35/Φ9.52(1/4"/3/8") | Φ6.35/Φ9.52(1/4"/3/8") | Φ6.35/Φ12.7(1/4"/1/2") | Φ6.35/Φ12.7(1/4"/1/2") |
| | Max. refrigerant pipe length | m | 25 | 25 | 30 | 50 |
| | Max. difference in level | m | 10 | 10 | 20 | 25 |
| Indoor-Outdoor connection wiring (Not included) | | | 4x1.5 mm2 | 4x1.5 mm2 | 4x2.5 mm2 | 4x2.5 mm2 |
| Power supply wiring (Not included) | | | 3x1.5 mm2 | 3x1.5 mm2 | 3x2.5 mm2 | 3x2.5 mm2 |
| Thermostat type | | | Wireless Remote Control (Wired control optional) | | | |

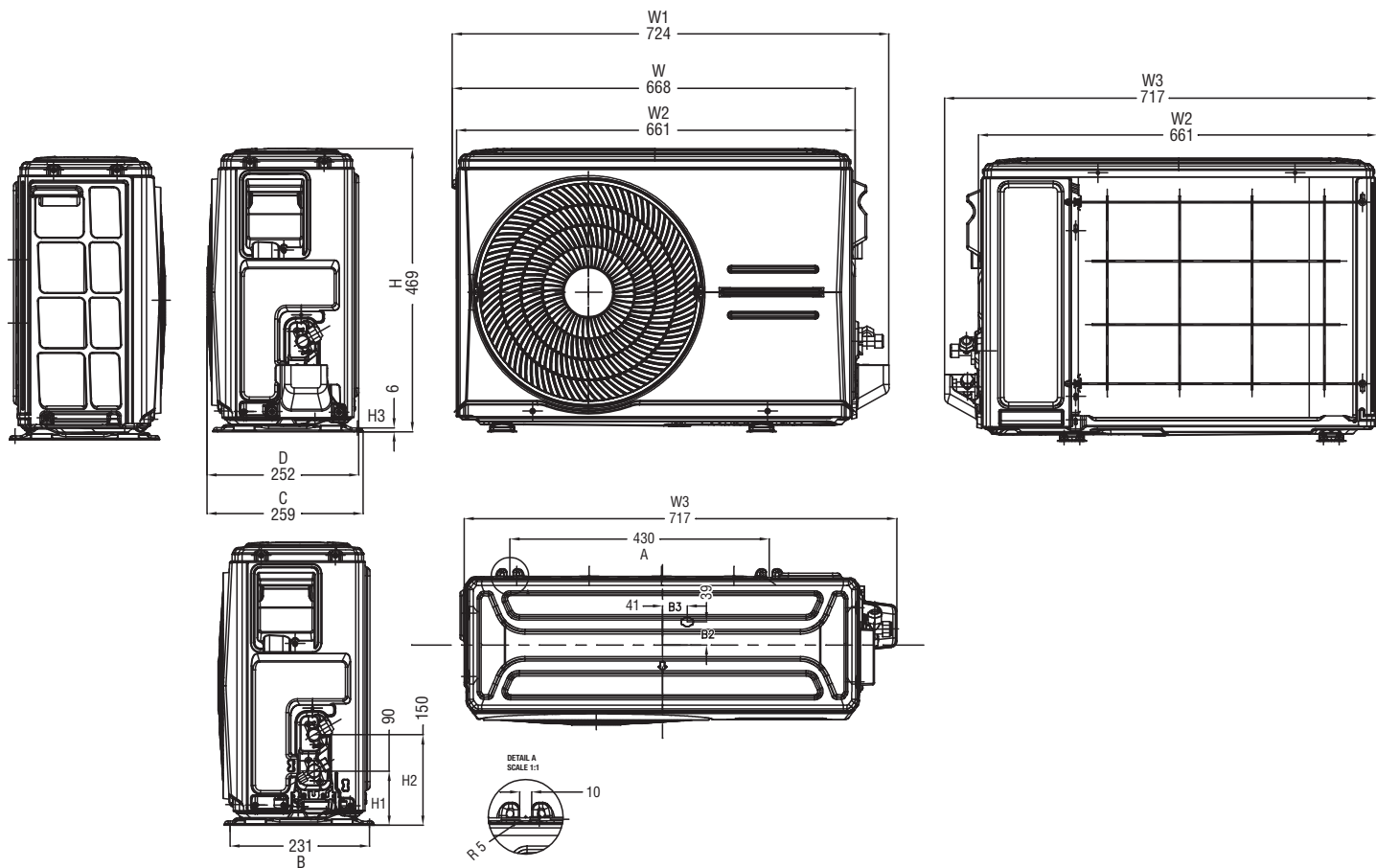
INDOOR UNIT DIMENSION



| CELEST INDOOR DIMENSION | | | |
|-------------------------|--------|-------|-------|
| Model | W (mm) | D(mm) | H(mm) |
| MSCE-10CRFN8 | 813 | 201 | 289 |
| MSCE-13CRFN8 | 813 | 201 | 289 |
| MSCE-19CRFN8 | 975 | 218 | 308 |
| MSCE-25CRFN8 | 1055 | 231 | 330 |

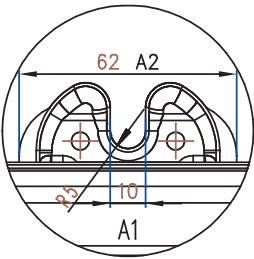
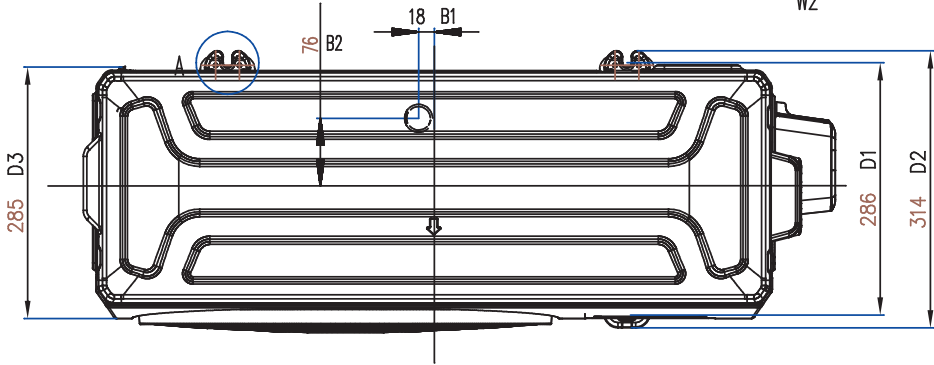
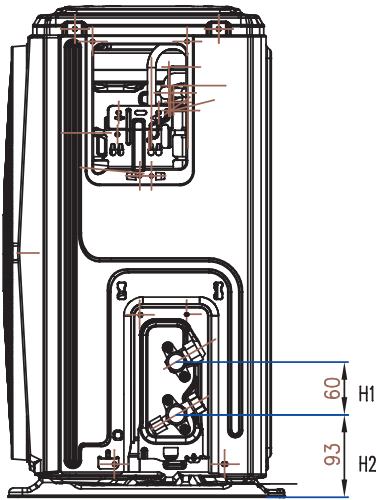
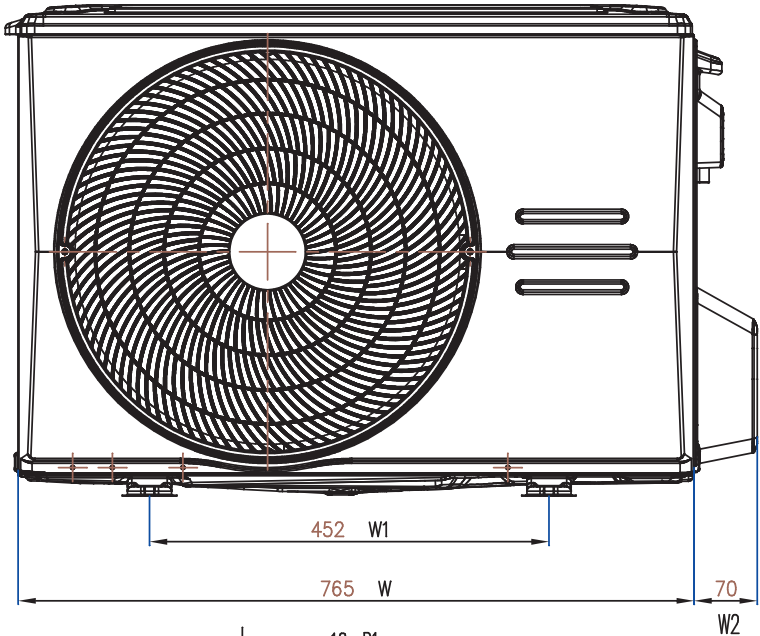
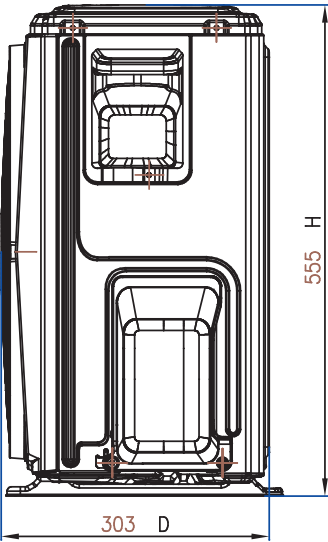
OUTDOOR UNIT DIMENSION

MSCE-10CRFN8-OD & MSCE-13CRFN8-OD



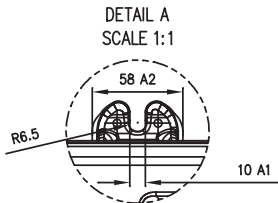
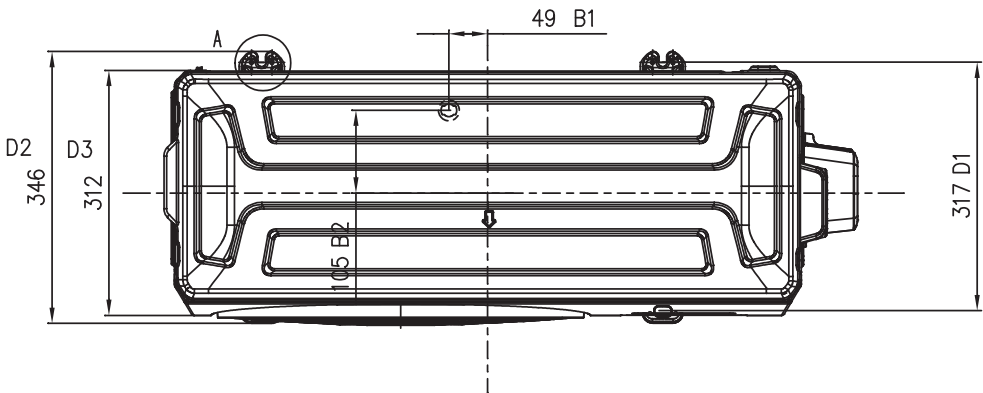
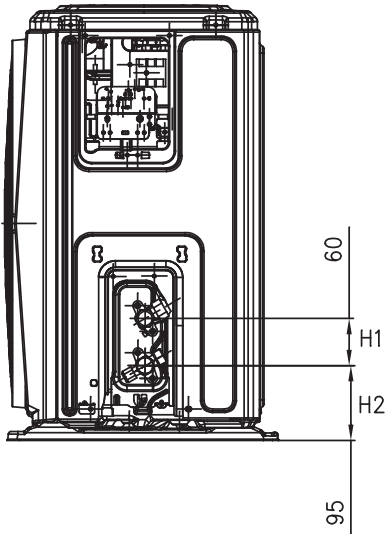
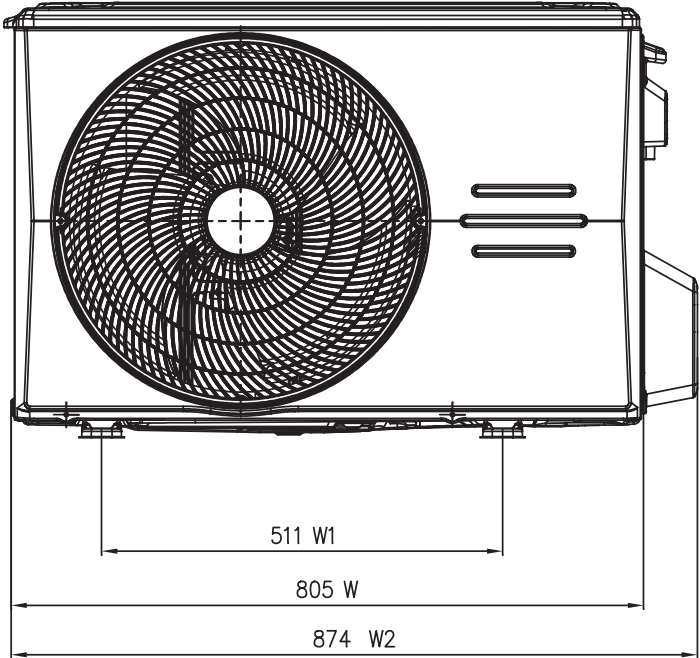
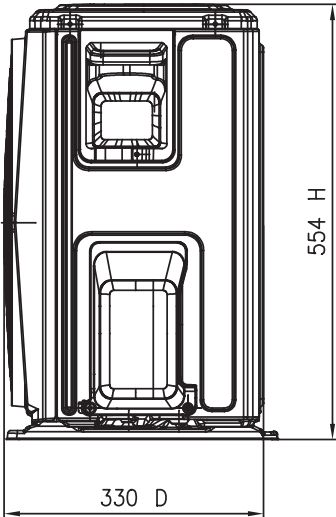
OUTDOOR UNIT DIMENSION

MSCE-19CRFN8-OD



OUTDOOR UNIT DIMENSION

MSCE-25CRFN8-OD



ERROR CODE QUICK TROUBLESHOOTING

| Display Code | Error Information | Quick Solution |
|--------------|---|---|
| dF | Defrost | Normal Display, not error code |
| CL | Active Clean | |
| nF | Filter replacement reminder(power on display for 15 seconds) | |
| FC | Forced cooling | |
| AP | AP mode of WIFI connection | |
| CP | Remote switched off | |
| SD | Power abnormal detection | Check power supply |
| EH 00/EHOR | Indoor EEPROM malfunction | Check power and Indoor PCB |
| EL 01 | Communication malfunction between indoor and outdoor units | S signal wire conenciton, outdoor main control board, indoor PCB |
| EH 02 | Zero-crossing signal detection error | Check connection wire, check indoor PCB |
| EH 03 | The indoor fan speed is operating outside of the normal range | Check indoor fan motor wire connection,indoor PCB, indoor Fan motor |
| EC 51 | Outdoor EEPROM parameter error | Outdoor main PCB |
| EC 52 | Condenser coil temperature sensor T3 is in open circuit or short circuit | Check outdoor condenser coil sensor or main PCB |
| EC 53 | Outdoor ambient temperature sensor T4 is in open circuit or short circuit | Check outdoor condenser room temp. sensor or main PCB |
| EC 54 | Compressor discharge temperature sensor TP is in open circuit or short circuit | Check outdoor compressor discharge temp. sensor or main PCB |
| EH 60 | Indoor room temperature sensor T1 is in open circuit or short circuit | Check indoor room temp. sensor |
| EH 61 | Evaporator coil middle temperature sensor T2 is in open circuit or short circuit | Check indoor coil temp. sensor |
| EC 07 | The outdoor fan speed is operating outside of the normal range | Check outdoor fan motor wire connection,outdoor main PCB, outdoor Fan motor |
| EH 0b | Communication error between indoor PCB and display PCB | Check indoor display board connection wire |
| EL 0C | Refrigerant leakage detection System lacks refrigerant | Check gas leaking, copper pipe flare nut, indoor PCB |
| PC 00 | IPM malfunction or IGBT over-strong current protection | Wire connection, Inverter modular, Outdoor Main PCB, compressor |
| PC 01 | Outdoor unit voltage protection (low or high voltage) | Power supply, Inverter modular, Outdoor Main PCB, Reactor |
| PC 02 | "Compressor top discharge temperature sensor protection IPM module or High pressure protection" | Check sensor, gas pressure, system blockage |
| PC 04 | Inverter compressor drive error | Inverter modular, Outdoor Main PCB, compressor |
| PC 40 | Communication error between outdoor main chip and compressor driven chip | Check outdoor main PCB |
| PC 03 | High pressure protection or low pressure protection | Check outdoor main PCB |
| PC 08 | Current overload protection | Wire connection, Outdoor Main PCB, Reactor, Outdoor Fan motor |
| FH 0P | AP mode is active but there is no WIFI kit installed | Check Wi-Fi connection |

Midea Scott & English Electronics Sdn Bhd (194517-X)

No. 16, Jalan Chan Sow Lin, 55200 Kuala Lumpur Fax: 03-9221 7204 / 03-9221 1434 / 03-9221 3509

PENANG

No. 35, Jalan Perniagaan Gemilang 1,
Pusat Perniagaan Gemilang,
14000 Bukit Mertajam, Pulau Pinang.
Tel: 04-548 3938 Fax: 04-548 9698

JOHOR

No. 25, Jalan Seri Impian 1,
Taman Impian Emas,
81300 Skudai, Johor.
Tel: 07-562 4898 Fax: 07-557 7898

PERAK

No. 38, Persiaran Perindustrian Pengkalan 10,
Kawasan Perindustrian Pengkalan,
31500 Lahat, Perak.
Tel: 05-323 2529 Fax: 05-323 2529

PAHANG

No. 258, Ground Floor, Jalan Air Putih,
Taman Air Putih Mewah,
25350 Kuantan, Pahang Darul Makmur.
Tel: 09-560 6668 Fax: 09-09-560 5050

MALACCA

No. 385-L, Taman Peringggit Jaya,
75400 Peringggit, Melaka.
Tel: 06-292 1940 Fax: 06-286 7107

KOTA BHARU

PT 1436, Ground Floor,
Taman Koperatif, Tanjung Chat,
15300 Kota Bharu, Kelantan.
Tel/Fax: 09-743 1202

SABAH

Inanam Suria Commercial Centre,
Lot B, Unit 0-9, Unit 1-9,
Ground Floor and First Floor,
88450, Kota Kinabalu, Sabah.
Tel: 088-421 428 Fax: 088-431 427

SARAWAK

1st Floor , Lot 8517,
Stutong Commercial Centre, Jalan Stutong,
93350 Kuching, Sarawak.
Tel: 082-363 167 Fax: 082-366 167

Midea Care Line

1300-22-0133

Dealer's Stamp:



midea_malaysia



Midea Malaysia



midea.com/my