## Specifications

| Model Name | Indoor Unit | | DUCMI200IHC-3PH | DUCMI220IHC-3PH |
|---|---|---|---|---|
| | Outdoor Unit | | UCMI200OC-3PH | UCMI220OC-3PH |
| Power supply | Indoor Unit | V/Ph/Hz | 220-240V/1/50-60Hz | |
| | Outdoor Unit | V/Ph/Hz | 380-415/3/50 | |
| Power input | | kW | 6.7 | 6.99 |
| Cooling[1] | Capacity | kW | 20.5 | 22.0 |
| | | kBtu/h | 69.9 | 75.0 |
| | EER | | 3.06 | 3.15 |
| | AEER | | 3.08 | 3.15 |
| Heating[2] | Capacity | kW | 23.0 | 24.5 |
| | | kBtu/h | 78.4 | 83.6 |
| | COP | | 3.29 | 3.40 |
| | ACOP | | 3.28 | 3.25 |
| Star rating | HOT: Brisbane Darwin Pacific Is | Cooling | 2.0 | 2.0 |
| | | Heating | 2.0 | 2.0 |
| | AVERAGE: Adelaide, Perth, Sydney | Cooling | 1.5 | 1.5 |
| | | Heating | 1.5 | 1.5 |
| | COLD: Canberra, Hobart, Melbourne, New Zealand | Cooling | 1.5 | 2.0 |
| | | Heating | 1.5 | 1.5 |
| Ambient temp. operation range | Cooling | °C (DB) | -5~48 | |
| | Heating | °C (WB) | -20~24 | |
| Indoor unit | Air flow rate[3] | $m^3/h$ | 5200/4911/4622/4333/4044/3756/3467 | |
| | External static pressure[4] | Pa | 150 (50-280) | |
| | Sound pressure level[5] | dB(A) | 51/49/47/45/43.5/42/41 | |
| | Sound power level | dB(A) | 70.5/69/67/65/63/61/60 | |
| | Net dimensions (W×H×D)[6] | mm | 1300×477×910 | |
| | Packed dimensions (W×H×D) | mm | 1580×650×1090 | |
| | Net weight | kg | 82 | |
| | Gross weight | kg | 120 | |
| Outdoor Unit | Compressor type | | DC inverter rotary | |
| | Compressor quantity | | 1 | |
| | Fan type | | Propeller | |
| | Fan quantity | | 2 | |
| | Air flow rate | $m^3/h$ | 11300 | |
| | Refrigerant type | | R410A | |
| | Refrigerant factory charge | | 10.2 | |
| | Sound pressure level[7] | dB(A) | 61 | |
| | Sound power level | dB(A) | 81 | |
| | Net dimensions (W×H×D) | mm | 1120×1558×528 | |
| | Packed dimensions (W×H×D) | mm | 1270×1720×565 | |
| | Net weight | kg | 159 | |
| | Gross weight | kg | 175 | |
| Max pipe length/height | | m | 60/40 | |
| Pipe connections | Liquid pipe | mm | 12.7 | |
| | Gas pipe | mm | 25.4 | |
| | Drain pipe | mm | OD Φ32 | |

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Stable operation external static pressure range. (Setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
5. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
6. Unit body dimensions given are the largest external dimensions of the unit, no including hanger attachments.
7. Sound pressure level is measured at a position 1m in front of the unit and 1m above the floor in a semi-anechoic chamber.



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Quality Assurance ISO 9001
Environmental Management ISO 14001
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B-Quantum(AU)-UCMI202602

Midea

# Quantum Series (AU)

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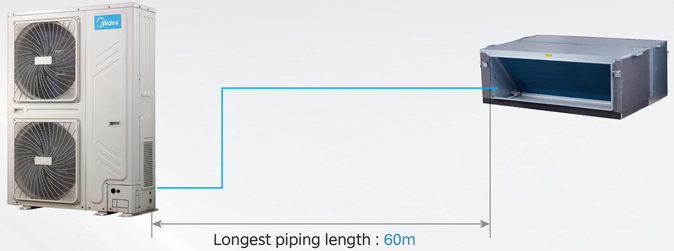
2026

## Long Refrigerant Pipe Connection

The refrigerant pipe can be up to 60m long, making installation more flexible and simpler.

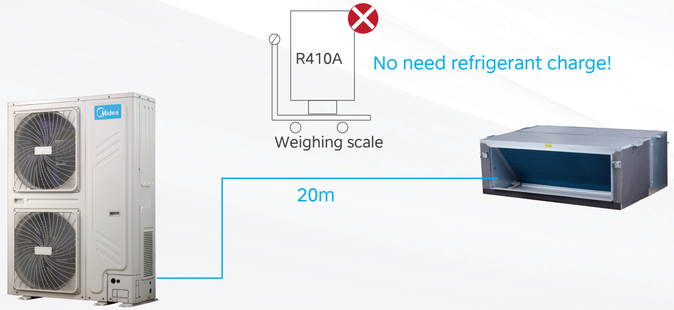
A single outdoor unit supports 1 indoor unit




Note: One outdoor unit can only be connected to one indoor unit, and the capacity of the indoor and outdoor units must be the same.

## Pre-Charge the Refrigerant at the Factory

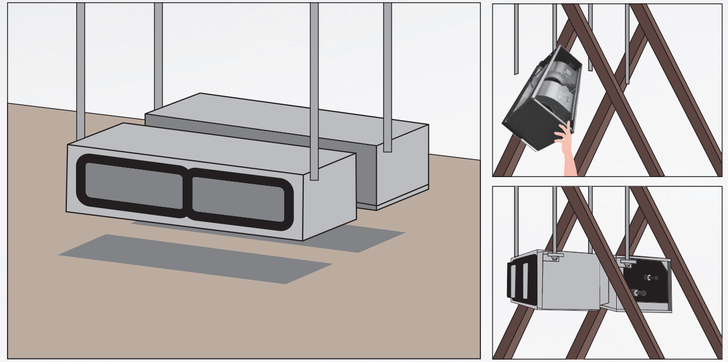
The system has been pre-charged with refrigerant in the factory, which can support the installation of pipelines up to 20m, that is, the system with a pipe length of less than 20m does not need additional refrigerant, which further simplifies the installation.





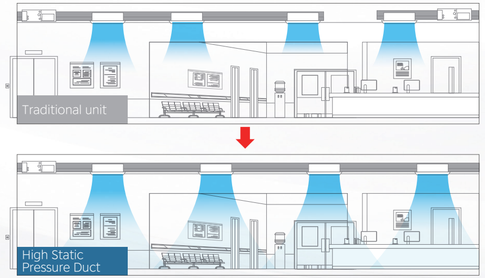

## Installation of Duct in Sections

High Static Pressure Duct units support installation in sections, reducing the weight and size of individual units for easy handling and installation.



## Static Pressure Up to 280Pa

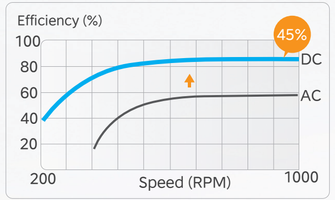
The unit can achieve static pressure of up to 280Pa, allowing for longer air supply distances. This is particularly beneficial in long and narrow spaces like corridors, while also reducing the total number of units needed and saving on capital costs.

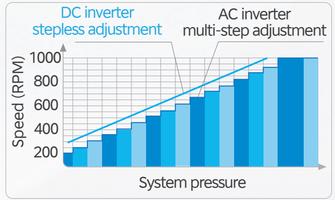





## Full DC Inverter Technology

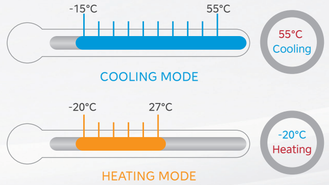
The outdoor unit uses full DC inverter compressor and fan motor to achieve high precision stepless speed adjustment according to system operation, and ensures that the system is always in optimum condition, operating more efficiently, more consistently and with less noise.

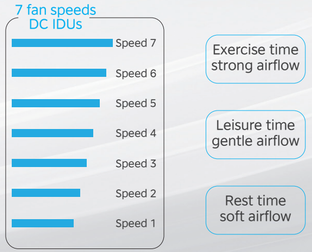



## Wide Operation Range

The system can operate in a wide ambient temperature range. It can operate stably from -15°C up to 55°C in cooling mode and from -20°C to 27°C in heating mode.




## Multiple Fan Speeds

The 7 indoor fan speed options meet the needs of different indoor conditions.