

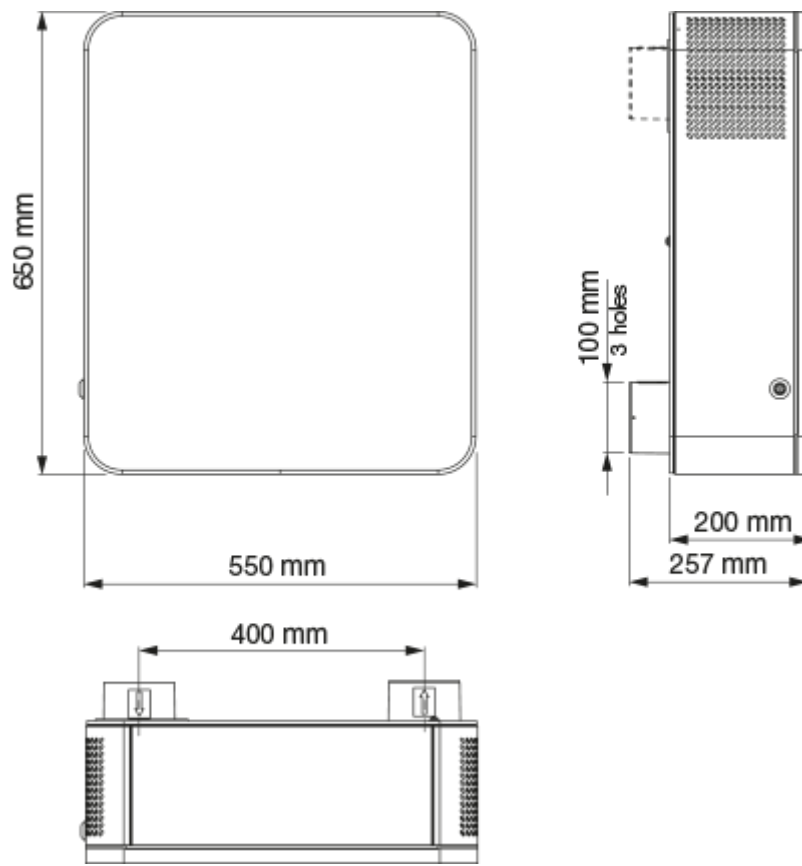
Micra 100 ERV WiFi

MICRA 100 WiFi is a single-room energy-efficient air handling unit intended for decentralised ventilation of residential and commercial spaces as well as apartments and houses

- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 39
- Heat recovery efficiency: 96
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (опция F7), G4 (option F7)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Control: Smartphone
- Casing material: Coated steel
- Temperature sensor: Built-in







| | Unit of measurement | Micra 100 ERV WiFi | | | | |
|--|---------------------|-------------------------------|----|----|----|-----|
| Connected air duct size | mm | 100 | | | | |
| Speed | - | 5 | | | | |
| Minimum supply voltage | V | 110 | | | | |
| Maximum supply voltage | V | 240 | | | | |
| Power supply frequency | Hz | 50/60 | | | | |
| Rated power | W | 20 | 23 | 29 | 37 | 53 |
| Unit current | A | 0.4 | | | | |
| Maximum airflow | m ³ /h | 30 | 44 | 60 | 75 | 100 |
| Sound pressure level LpA at 3 m | dB(A) | 13 | 20 | 27 | 33 | 39 |
| Heat recovery efficiency | % | 96 | 94 | 89 | 85 | 83 |
| Heat exchanger type | - | Counter flow | | | | |
| Heat exchanger material | - | Enthalpy | | | | |
| Weight | kg | 31 | | | | |
| Extract filter | - | G4 | | | | |
| Supply filter | - | G4 (опция F7), G4 (option F7) | | | | |
| Transported air temperature (max) | °C | 40 | | | | |
| Transported air temperature (min) | °C | -20 | | | | |
| Ambient air temperature min | °C | 1 | | | | |
| Ambient air temperature max | °C | 40 | | | | |
| Ambient air humidity max | % | 70 | | | | |
| Ingress protection rating | - | IP22 | | | | |
| Ingress protection rating of the drive | - | IP44 | | | | |





Dimensions






Accessories

Other accessories

| Name | Photo | Description |
|---------------------|---|---|
| MK Micra 100 white |  | Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template |
| MK Micra 100 chrome |  | Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template |
| NB Micra 100 white |  | Outdoor box |
| NB Micra 100 chrome |  | Outdoor box |
| NE Micra 100 |  | Heater to prevent condensate freezing in the drain pipe and the outdoor box |
| SF 193x158x18 G4 |  | Panel filter G4 |

| | | |
|--------------------|---|------------------|
| SF 193x158x47 F8 |  | F8 panel filter |
| SF 193x158x47 F8 C |  | F8 carbon filter |
| SF 193x158x47 H13 |  | H13 HEPA filter |
| SF 193x158x47 F7 |  | F7 panel filter |

Sensors

| Name | Photo | Description |
|-----------------------|---|--------------------------------|
| HR-S |  | Electro-mechanical humidistats |
| CO2-1 |  | CO2 sensors |
| CO2-2 |  | CO2 sensors |