

Micra 100 E

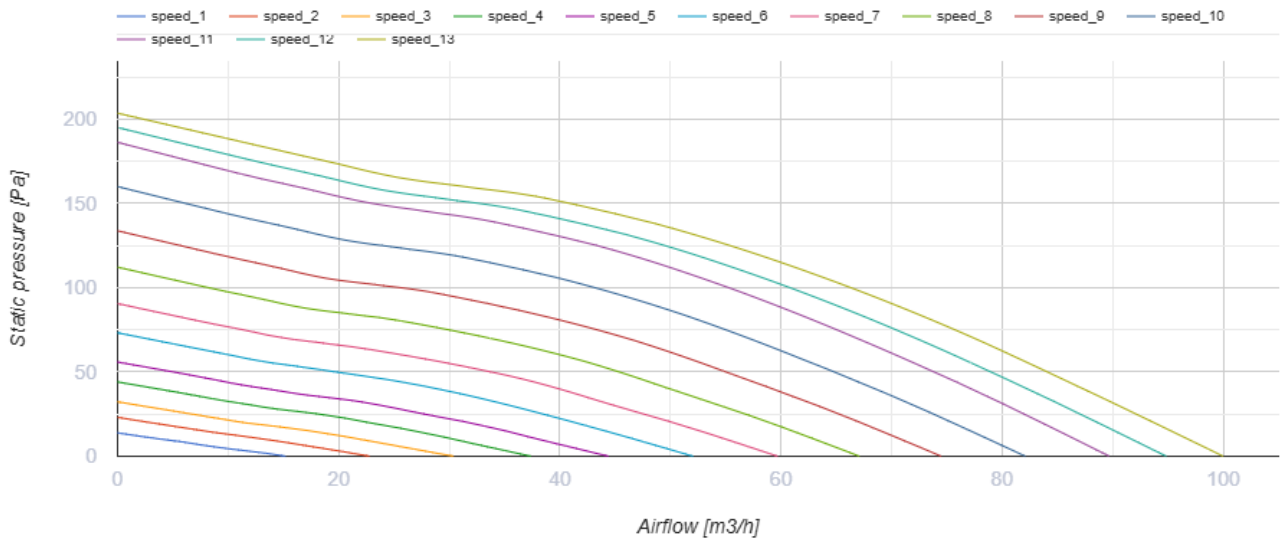


Basic compact wall AHU with an air flow of up to 100 m³/h

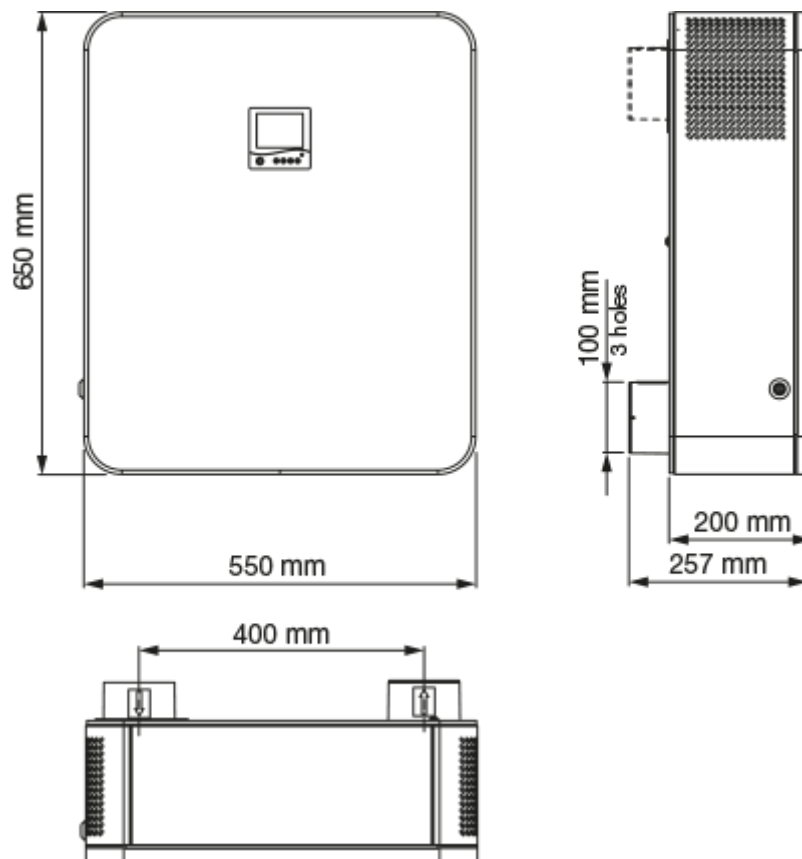
- Power of electrical preheater: 700
- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 39
- Heat recovery efficiency: 98
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (Option: F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- Control: Built-in control panel
- Casing material: Polypropylene/Thermoplastic elastomer
- Temperature sensor: Built-in

| | Unit of measurement | Micra 100 E | | |
|-----------------------------------|---------------------|-----------------|----|-----|
| Connected air duct size | mm | 100 | | |
| Speed | - | 3 | | |
| Minimum supply voltage | V | 230 | | |
| Maximum supply voltage | V | 230 | | |
| Power supply frequency | Hz | 50/60 | | |
| Rated power | W | 12 | 21 | 45 |
| Power of electrical preheater | W | 700 | | |
| Unit current | A | 0.4 | | |
| Maximum airflow | m ³ /h | 30 | 60 | 100 |
| Sound pressure level LpA at 3 m | dB(A) | 13 | 27 | 39 |
| Heat recovery efficiency | % | 98 | 92 | 89 |
| Heat recovery efficiency, max | % | 98 | | |
| Heat exchanger type | - | Counter flow | | |
| Heat exchanger material | - | Polystyrene | | |
| Weight | kg | 31 | | |
| Extract filter | - | G4 | | |
| Supply filter | - | 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 |
| VL R6 366/157 |  | Summer block |
| SF 193x158x47 F7 |  | F7 panel filter |

Sensors

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