

# Micra 110 ERV



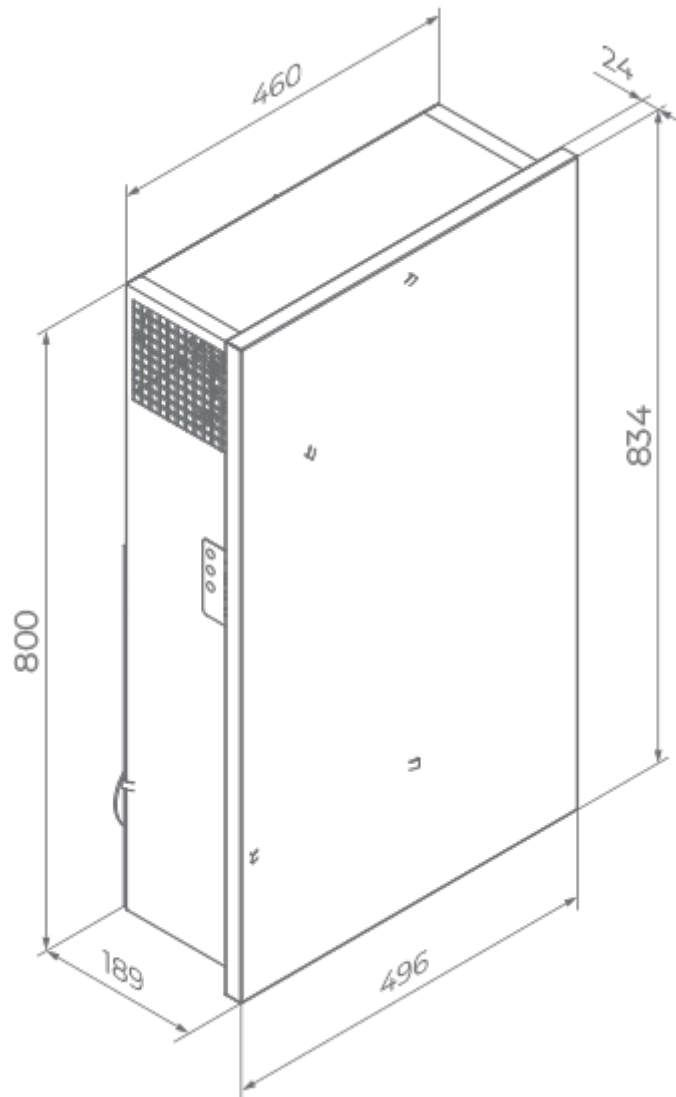
Decentralized supply and exhaust unit with heat recovery. Air flow: up to 100 m³/h

- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 31
- Sound pressure level LpA at 1 m: 40
- Heat recovery efficiency: 93
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 опция: F7, G4 option: F7
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Control: Built-in control panel
- Casing material: Galvanized steel
- Humidity sensor: Built-in
- Temperature sensor: Built-in

|                                   | Unit of measurement | Micra 110 ERV               |    |     |
|-----------------------------------|---------------------|-----------------------------|----|-----|
| 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                   | 10                          | 15 | 31  |
| Unit current                      | A                   | 0.26                        |    |     |
| Maximum airflow                   | m³/h                | 30                          | 60 | 100 |
| Sound pressure level LpA at 3 m   | dB(A)               | 10                          | 21 | 31  |
| Sound pressure level LpA at 1 m   | dB(A)               | 20                          | 30 | 40  |
| Heat recovery efficiency          | %                   | 93                          | 87 | 84  |
| Heat exchanger type               | -                   | Counter flow                |    |     |
| Heat exchanger material           | -                   | Polystyrene                 |    |     |
| Weight                            | kg                  | 20                          |    |     |
| Extract filter                    | -                   | G4                          |    |     |
| Supply filter                     | -                   | G4 опция: F7, G4 option: F7 |    |     |
| Transported air temperature (max) | °C                  | 40                          |    |     |
| Transported air temperature (min) | °C                  | -15                         |    |     |
| Ambient air temperature min       | °C                  | 1                           |    |     |
| Ambient air temperature max       | °C                  | 40                          |    |     |
| Ambient air humidity max          | %                   | 60                          |    |     |

|                                        |   |      |
|----------------------------------------|---|------|
| Ingress protection rating              | - | IP20 |
| Ingress protection rating of the drive | - | IP44 |

## Dimensions



## Accessories

### Other accessories

| Name             | Photo                                                                               | Description     |
|------------------|-------------------------------------------------------------------------------------|-----------------|
| SF 176x160x22 G4 |  | Panel filter G4 |
| SF 203x150x22 G4 |  | Panel filter G4 |

|                      |                                                                                     |                                                                             |
|----------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| SF 203x150x22 F7     |    | F7 panel filter                                                             |
| MK Micra 110         |    | Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template        |
| MK Micra 110 chrome  |    | Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template        |
| MK Micra 110 white   |    | Mounting kit: Two plastic air ducts; Outdoor box; Cardboard template        |
| MK1 Micra 110        |    | Mounting kit for corner mounting of the grille in the window opening        |
| MK1 Micra 110 chrome |    | Mounting kit for corner mounting of the grille in the window opening        |
| MK1 Micra 110 white  |    | Mounting kit for corner mounting of the grille in the window opening        |
| NB Micra 110         |  | Outdoor box                                                                 |
| NB Micra 110 chrome  |  | Outdoor box                                                                 |
| NB Micra 110 white   |  | Outdoor box                                                                 |
| NE Micra 100         |  | Heater to prevent condensate freezing in the drain pipe and the outdoor box |

## Sensors

| Name                  | Photo                                                                               | Description |
|-----------------------|-------------------------------------------------------------------------------------|-------------|
| <a href="#">CO2-1</a> |  | CO2 sensors |
| <a href="#">CO2-2</a> |  | CO2 sensors |
| <a href="#">CO2-3</a> |  | CO2 sensor  |

|                      |                                                                                   |                                |
|----------------------|-----------------------------------------------------------------------------------|--------------------------------|
| <a href="#">HR-S</a> |  | Electro-mechanical humidistats |
|----------------------|-----------------------------------------------------------------------------------|--------------------------------|

## System 75

| Name                           | Photo                                                                             | Description                                                                  |
|--------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <a href="#">FlexiVent 0275</a> |  | For connection of the air ducts to the connectors and air distribution boxes |