



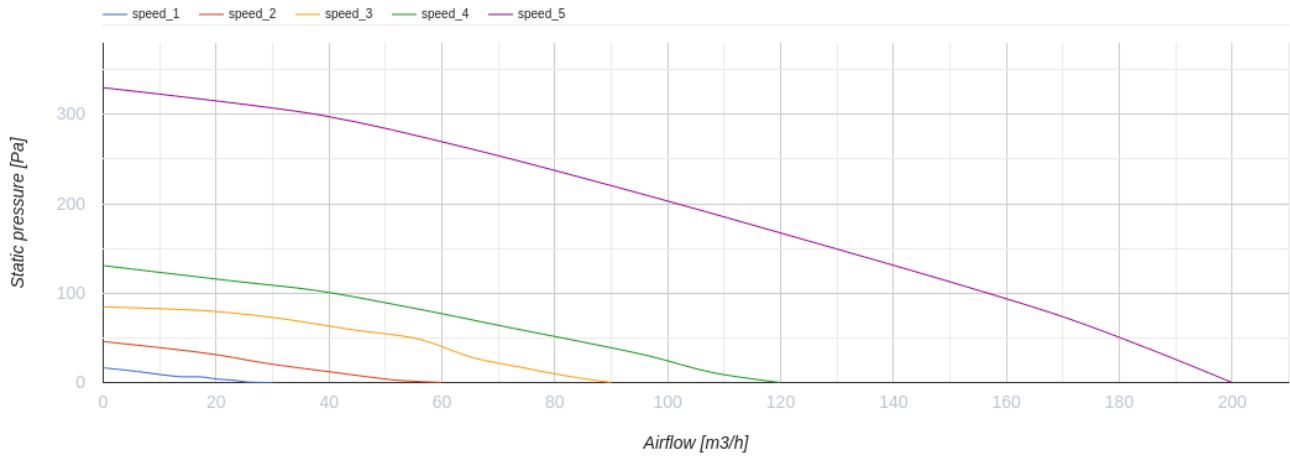
Freshbox E-200 ERV WiFi

Single-room air handling units

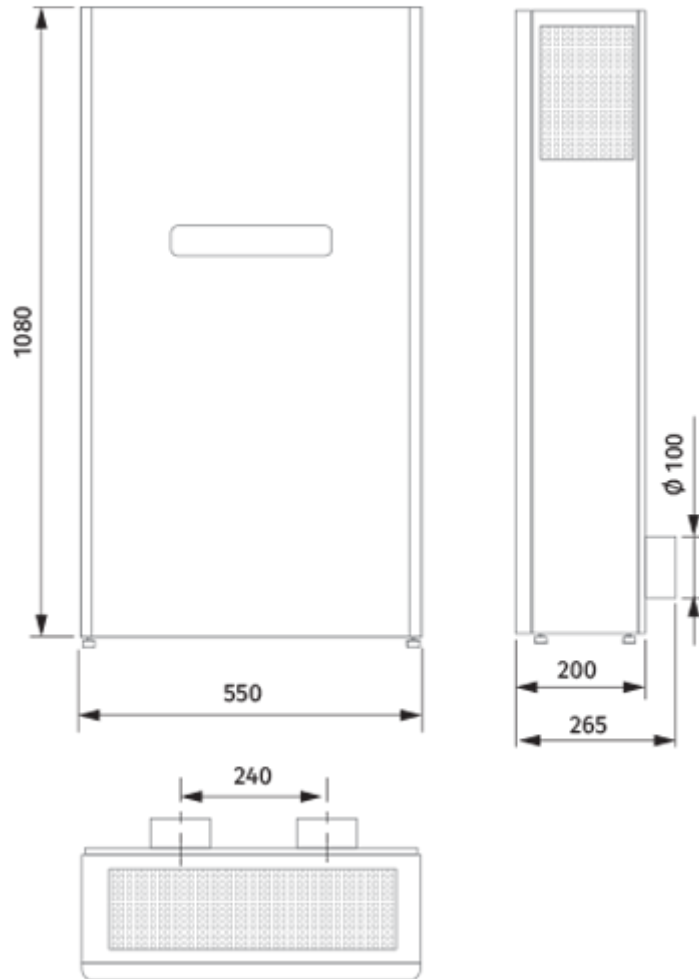
- Power of electrical preheater: 650
- Maximum airflow: 200
- Sound pressure level LpA at 3 m: 45
- Heat recovery efficiency: 85
- Heat exchanger type: Counter flow
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- Control: Built-in control panel
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- Temperature sensor: Built-in

| | Unit of measurement | Freshbox E-200 ERV WiFi | | | | |
|-----------------------------------|---------------------|-------------------------|----|----|-----|-----|
| Connected air duct size | mm | 100 | | | | |
| Speed | - | 5 | | | | |
| Phases | - | 1 | | | | |
| Minimum supply voltage | V | 230 | | | | |
| Maximum supply voltage | V | 230 | | | | |
| Power supply frequency | Hz | 50/60 | | | | |
| Rated power | W | 10 | 15 | 25 | 44 | 134 |
| Power of electrical preheater | W | 650 | | | | |
| Unit current | A | 4 | | | | |
| Maximum airflow | m ³ /h | 30 | 60 | 90 | 120 | 200 |
| Sound pressure level LpA at 3 m | dB(A) | 12 | 22 | 30 | 36 | 45 |
| Heat recovery efficiency | % | 85 | 81 | 75 | 68 | 66 |
| Heat exchanger type | - | Counter flow | | | | |
| Heat exchanger material | - | Enthalpy | | | | |
| Weight | kg | 55 | | | | |
| 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 | - | IP22 | | | | |

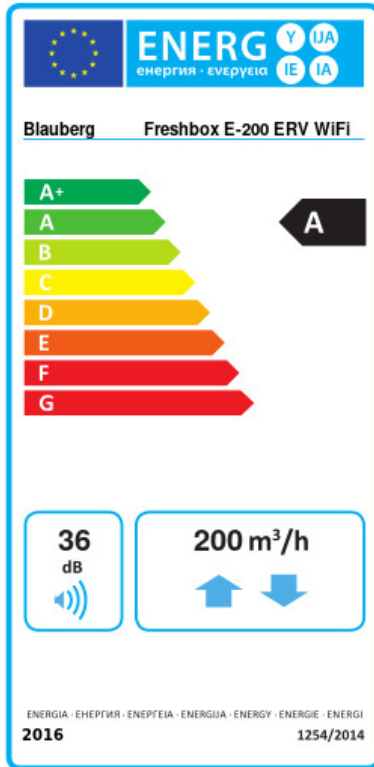
| | | |
|--|---|------|
| Ingress protection rating of the drive | - | IP44 |
|--|---|------|



Dimensions



Ecodesign




| | | | | | | |
|---|-------------------------|----|---------|---|------|---|
| Trademark | Blaubeerg | | | | | |
| Model | Freshbox E-200 ERV WiFi | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | 69.7 | A+ | 35.2 | A | 12.8 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Recuperative | | | | | |
| Thermal efficiency of heat recovery (%) | 68 | | | | | |
| Maximum flow rate (m ³ /h) | 200 | | | | | |
| Electric power input (W) | 134 | | | | | |
| Reference flow rate (m ³ /s) | 0.039 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.415 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates (%) | 0.1 | | | | | |
| Maximum external leakage rates (%) | 0.9 | | | | | |
| Mixing rate (%) | 1 | | | | | |
| Airflow sensitivity at +20 Pa and -20 Pa (%) | 0.93 | | | | | |
| The indoor/outdoor air tightness (m ³ /h) | 7 | | | | | |
| Declared typology | RVU BVU | | | | | |
| Sound power level (dB(A)) | 36 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 824 | | 287 | | 242 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 8161 | | 4172 | | 1886 | |




Accessories

Other accessories

| Name | Photo | Description |
|----------------------|-------|-------------|
| CD-1 | | CO2 sensors |

| | | |
|----------------------|---|-------------|
| CD-2 |  | CO2 sensors |
|----------------------|---|-------------|

Other accessories

| Name | Photo | Description |
|------------------------|---|-----------------|
| MS Freshbox 200 chrome | | |
| MS Freshbox 200 white | | |
| FP 201x162x20 G4 |  | G4 panel filter |
| FP 243x162x20 G4 |  | G4 panel filter |
| FP 502x162x40 F7 |  | F7 panel filter |
| FP 502x162x40 H13 | | |

Hoods

| Name | Photo | Description |
|------------------------|-------|-------------|
| AH Freshbox 200 chrome | | |
| AH Freshbox 200 white | | |