



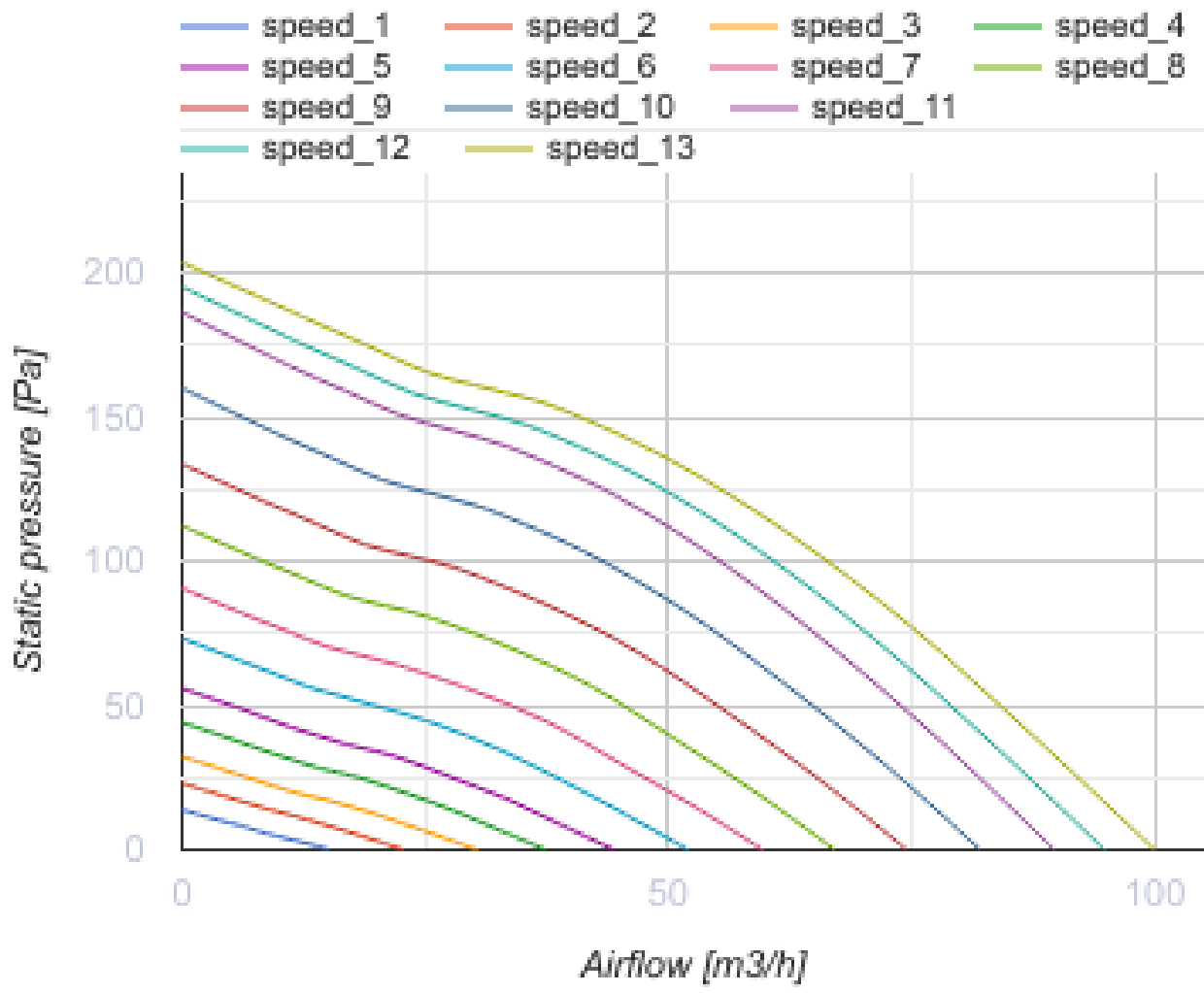
Freshbox E-100 ERV WiFi

Single-room air handling units

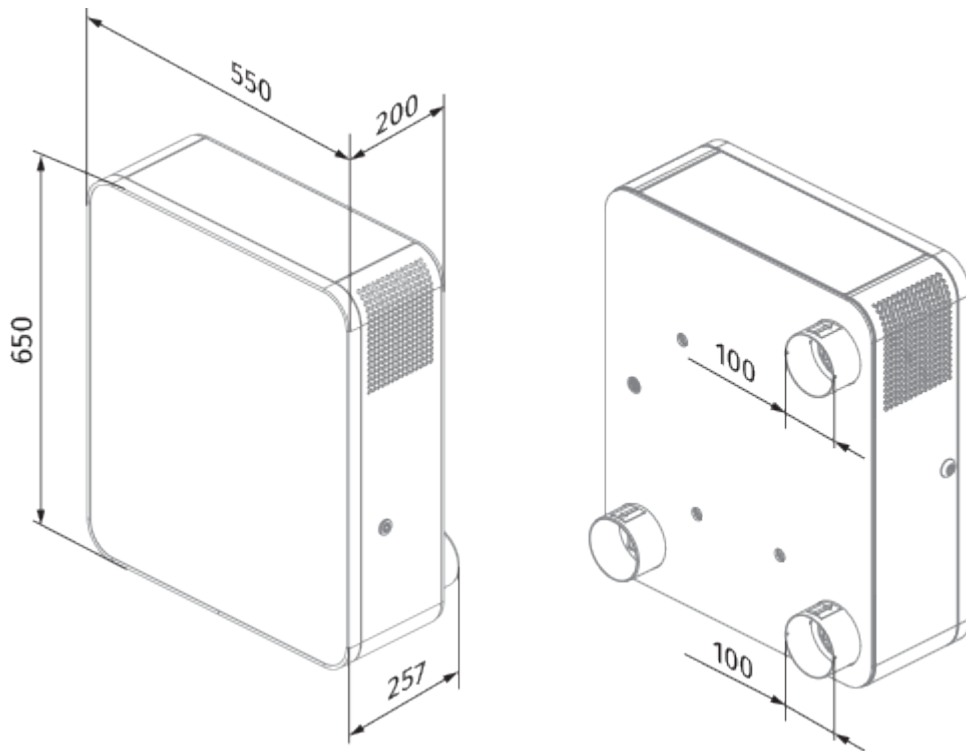
- Power of electrical preheater: 700
- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 39
- Heat recovery efficiency: 96
- Heat exchanger type: Counter flow
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- Control: Built-in control panel
- Casing material: Coated steel
- Temperature sensor: Built-in

| | Unit of measurement | Freshbox E-100 ERV WiFi | | | | |
|-----------------------------------|---------------------|-------------------------|----|----|----|-----|
| Connected air duct size | mm | 100 | | | | |
| Speed | - | 5 | | | | |
| Minimum supply voltage | V | 230 | | | | |
| Maximum supply voltage | V | 230 | | | | |
| Power supply frequency | Hz | 50/60 | | | | |
| Rated power | W | 20 | 23 | 29 | 37 | 53 |
| Power of electrical preheater | W | 700 | | | | |
| 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 | | | | |
| 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

CO2 sensors

| Name | Photo | Description |
|----------------------|-------------------------------------------------------------------------------------|-------------|
| CD-1 |  | CO2 sensors |
| CD-2 |  | CO2 sensors |

Other accessories

| Name | Photo | Description |
|-----------------|-------------------------------------------------------------------------------------|-----------------|
| EH Freshbox 100 |  | Electric heater |