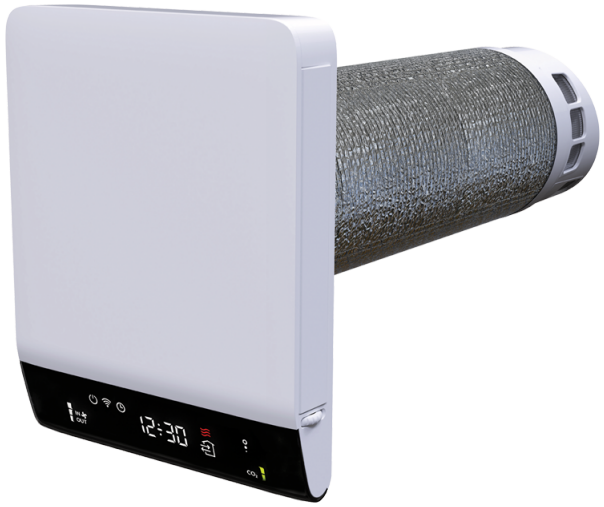


# Freshpoint Eco 160-E

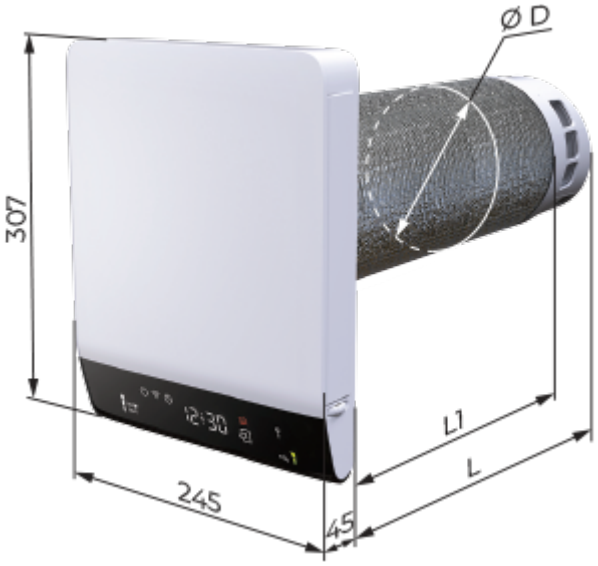
Smart HRV unit for single-room ventilation

- Power of electrical reheater: 160
- Air flow in heat recovery mode: 48
- Sound pressure level LpA at 1 m: 50
- Heat exchanger material: Ceramic
- Control: Smartphone
- Casing material: ABS Plastic
- Temperature sensor
- Heater

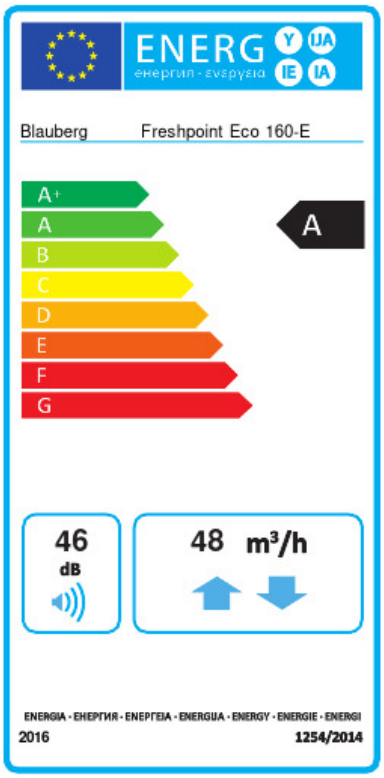
| | Unit of measurement | Freshpoint Eco 160-E | | |
|---|---|---|---|---|
| Phases | - | 1 | | |
| Minimum supply voltage | V | 220 | | |
| Maximum supply voltage | V | 240 | | |
| Power supply frequency | Hz | 50/60 | | |
| Power of electrical reheater | W | 160 | | |
| Air flow in ventilation mode | m³/h | 10 | 30 | 48 |
| Air flow in heat recovery mode | m³/h | 10 | 30 | 48 |
| Sound pressure level LpA at 1 m | dB(A) | 24 | 36 | 50 |
| Heat recovery efficiency, max | % | 90 | | |
| Heat exchanger material | - | Ceramic | | |
| Transported air temperature (max) | °C | 50 | | |
| Transported air temperature (min) | °C | -30 | | |
| Ingress protection rating | - | IPX4 | | |
| Ambient air humidity max | % | 70 | | |
| Minimum wall thickness | mm | 245 | | |
| Maximum wall thickness | mm | 440 | | |

## Dimensions

| ØD | L | L1 |
|---|---|---|
| 162 | 540 | 439 |



## Ecodesign




| | | | | | | |
|---|---|---|---|---|---|---|
| Trademark | Blauberg | | | | | |
| Model | Freshpoint Eco 160-E | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -77.2 | A+ | -37.9 | A | -15.5 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Regenerative | | | | | |
| Thermal efficiency of heat recovery (%) | 65 | | | | | |
| Maximum flow rate (m³/h) | 48 | | | | | |
| Electric power input (W) | 8 | | | | | |
| Reference flow rate (m³/s) | 0.01 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.2 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates (%) | 0.1 | | | | | |
| Maximum external leakage rates (%) | 0.9 | | | | | |
| Mixing rate (%) | 20 | | | | | |
| Airflow sensitivity at +20 Pa and -20 Pa (%) | 0.93 | | | | | |
| The indoor/outdoor air tightness (m³/h) | 7 | | | | | |
| Declared typology | RVU BVU | | | | | |
| Sound power level (dB(A)) | 46 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 116 | | 116 | | 116 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 80 | | 41 | | 19 | |

## Accessories

### Other accessories

| Name | Photo | Description |
|---|---|---|
| CPSO-200 Freshpoint 160 |  | External compensator pad |
| CPSO-120 Freshpoint 160 |  | External compensator pad |

| | | |
|---|---|---|
| CPSO-80 Freshpoint 160 |  | External compensator pad |
| CPSO-160 Freshpoint 160 |  | External compensator pad |
| CPSO-40 Freshpoint 160 |  | External compensator pad |
| MPS Freshpoint 160 |  | Stainless steel cuff for external installation |
| SF Freshpoint G3 |  | Filter (2 pcs.) |
| SF Freshpoint G4 |  | Filter (2 pcs.) |
| SF Freshpoint G4 + carbon |  | Filter (2 pcs.) |