



Hi-Fi One 100

Low noise and low power exhaust axial fan suitable for use in Zone 1

- Maximum airflow: 85
- Sound pressure level LpA at 3 m: 26
- Casing material: Plastic
- Backdraft protection: Backdraft damper

| | Unit of measurement | Hi-Fi One 100 |
|---------------------------------|---------------------|---------------|
| Connected air duct size | mm | 100 |
| Speed | - | 1 |
| Minimum supply voltage | V | 220 |
| Maximum supply voltage | V | 240 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 8 |
| Unit current | A | 0.05 |
| Maximum airflow | m ³ /h | 85 |
| Sound pressure level LpA at 3 m | dB(A) | 26 |
| Weight | kg | 0 |
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 40 |
| Ingress protection rating | - | IP44 Zone 1 |

Dimensions

| a | c | Ø d | e |
|-----|----|-----|----|
| 180 | 79 | 99 | 38 |



Ecodesign



| | | | | | | |
|---|----------------|---|---------|---|------|---|
| Trademark | Blauberg | | | | | |
| Model | Hi-Fi One 100 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -30.6 | B | -14.2 | E | -4.8 | F |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Single speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m ³ /h) | 85 | | | | | |
| Electric power input (W) | 8 | | | | | |
| Reference flow rate (m ³ /s) | 0.017 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.094 | | | | | |
| Control typology | Manual control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 46 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 118 | | 118 | | 118 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 3355 | | 1715 | | 776 | |

Accessories

Other accessories

| Name | Photo | Description |
|--------------------------|---|----------------------------|
| CDT E1.8 |  | Thyristor speed controller |