



Aero 100

Low-noise axial fan for exhaust ventilation

- Maximum airflow: 102
- Sound pressure level LpA at 3 m: 38
- Motor type: AC
- Casing material: Plastic
- Backdraft protection: Backdraft damper

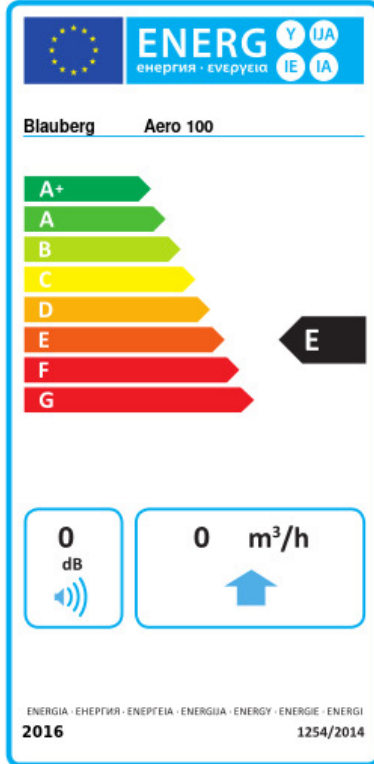
| | Unit of measurement | Aero 100 |
|---------------------------------|---------------------|----------|
| Connected air duct size | mm | 100 |
| Speed | - | 1 |
| Minimum supply voltage | V | 220 |
| Maximum supply voltage | V | 240 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 14 |
| Unit current | A | 0.085 |
| Maximum airflow | m ³ /h | 102 |
| Sound pressure level LpA at 3 m | dB(A) | 38 |
| Weight | kg | 0.56 |
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 45 |
| Ingress protection rating | - | IP34 |

Dimensions

| a | b | c | ∅ d | e |
|-----|-----|------|-----|------|
| 144 | 122 | 92.5 | 100 | 29.5 |



Ecodesign



| | | | | | | |
|---|----------------|---------|---------|---|------|---|
| Trademark | Blaubeerg | | | | | |
| Model | Aero 100 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -31 | B | -14 | E | -5 | F |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Multi-speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m ³ /h) | 102 | | | | | |
| Electric power input (W) | 14 | | | | | |
| Reference flow rate (m ³ /s) | 0.02 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.088 | | | | | |
| Control typology | Manual control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 58 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | Average | Warm | | | |
| | 100 | 100 | 100 | | | |
| The annual heating saved (AHS) (kWh/a) | Cold | Average | Warm | | | |
| | 3400 | 1700 | 800 | | | |