

100 Silenta-S



Low noise and low watt axial fans for exhaust ventilation

- Maximum airflow: 78
- Sound pressure level LpA at 3 m: 26
- Motor type: AC
- Impeller type: Axial
- Casing material: Plastic

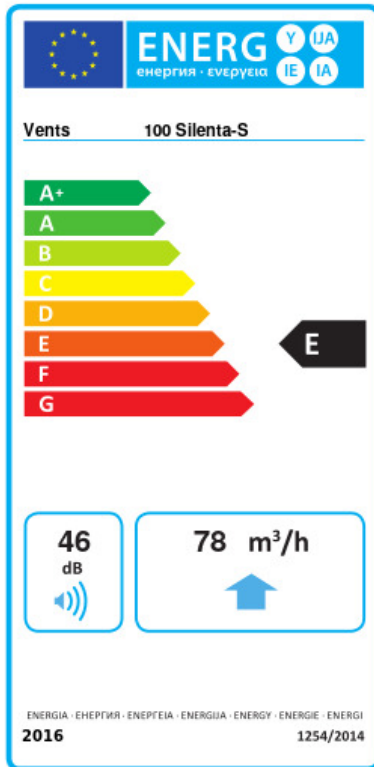
| | Unit of measurement | 100 Silenta-S |
|---------------------------------|---------------------|---------------|
| Connected air duct size | mm | 100 |
| Speed | - | 1 |
| Minimum supply voltage | V | 220 |
| Maximum supply voltage | V | 240 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 7 |
| Unit current | A | 0.035 |
| Maximum airflow | m ³ /h | 78 |
| Sound pressure level LpA at 3 m | dB(A) | 26 |
| Weight | kg | 0.52 |
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 40 |
| Ingress protection rating | - | IP34 |

Dimensions

| Ø D | B | H | L | L1 |
|-----|-----|-----|-----|----|
| 100 | 150 | 120 | 108 | 12 |



Ecodesign



| | | | | | | |
|---|----------------|---|---------|---|------|---|
| Trademark | Vents | | | | | |
| Model | 100 Silenta-S | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -32 | B | -15 | E | -6 | F |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Multi-speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m ³ /h) | 78 | | | | | |
| Electric power input (W) | 7 | | | | | |
| Reference flow rate (m ³ /s) | 0.015 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.058 | | | | | |
| Control typology | Manual control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Sound power level (dB(A)) | 46 | | | | | |
| Declared typology | RVU UVU | | | | | |
| 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 | |