# 100 K black



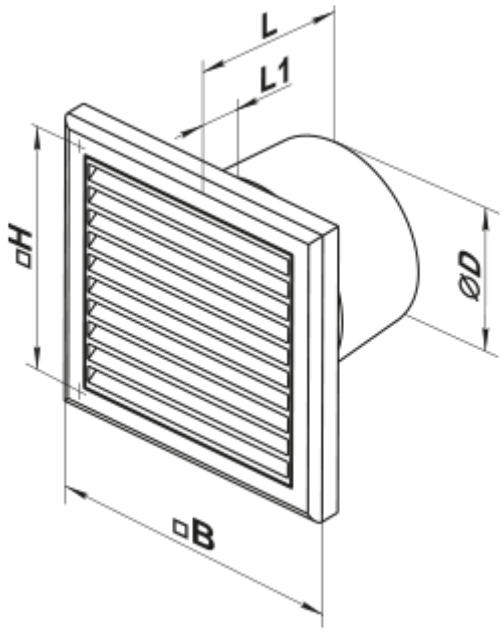
High-performance axial extract fans

- Sound pressure level LpA at 3 m: 34
- Casing material: Plastic

| | Unit of measurement | 100 K black |
|---|---|---|
| Connected air duct size | mm | 100 |
| Phases | - | 1 |
| Maximum supply voltage | V | 240 |
| Minimum supply voltage | V | 220 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 14 |
| Unit current | A | 0.085 |
| Maximum airflow | $m^3/h$ | 95 |
| Rotation speed at 50hz | - | 2300 |
| Sound pressure level LpA at 3 m | dB(A) | 34 |
| Weight | kg | 0.53 |
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 40 |
| Ingress protection rating | - | IP34 |
| Impeller material | - | Plastic |

## Dimensions

| ØD | B | H | L | L1 |
|---|---|---|---|---|
| 100 | 154 | 110 | 105 | 15 |



## Ecodesign

| Trademark | Vents | | | | | |
|---|---|---|---|---|---|---|
| Model | 100 K black | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/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 (m³/h) | 95 | | | | | |
| Electric power input (W) | 14 | | | | | |
| Reference flow rate (m³/s) | 0.018 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.095 | | | | | |
| Control typology | Manual control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Sound power level (dB(A)) | 54 | | | | | |
| 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 | |