

# Sileo Design DC 100 H

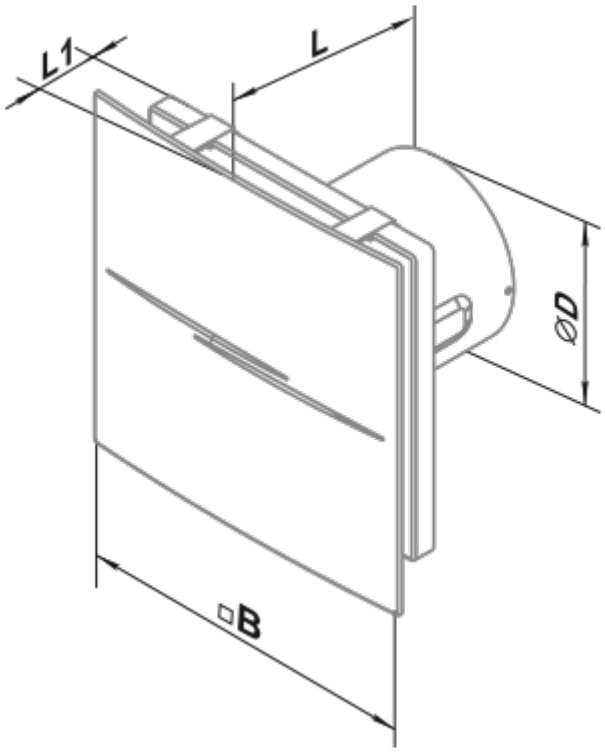
High-performance low noise extract fans with DC motors

- Impeller type: Mixed-flow
- Casing material: Plastic
- Backdraft protection: Backdraft damper
- Humidity sensor
- Timer: Turn off timer

| | Unit of measurement | Sileo Design DC 100 H | |
|---|---|---|---|
| Speed | - | 1 | 2 |
| Minimum supply voltage | V | 220 | |
| Maximum supply voltage | V | 240 | |
| Power supply frequency | Hz | 50/60 | |
| Maximum airflow | m³/h | 58 | 93 |
| Ambient air temperature min | °C | 1 | |
| Ambient air temperature max | °C | 40 | |
| Ingress protection rating | - | IP45 | |
| Impeller material | - | Plastic | |

## Dimensions

| Ø D | B | L | L1 |
|---|---|---|---|
| 99 | 200 | 131 | 50 |


L1
L
ØD
□B

## Ecodesign

| | | | | | | |
|---|---|---|---|---|---|---|
| Trademark | Blauberg | | | | | |
| Model | Sileo Design DC 100 H | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -54.9 | A+ | -27.8 | B | -12.3 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | 2-speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 93 | | | | | |
| Electric power input (W) | 2.7 | | | | | |
| Reference flow rate (m³/s) | 0.016 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.026 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 41 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 19 | | 19 | | 19 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |