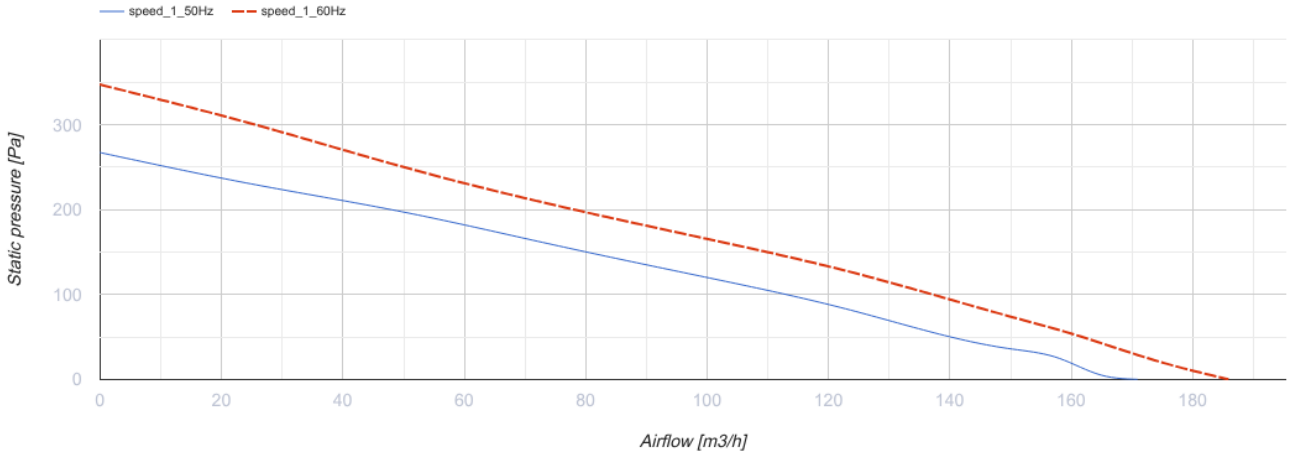


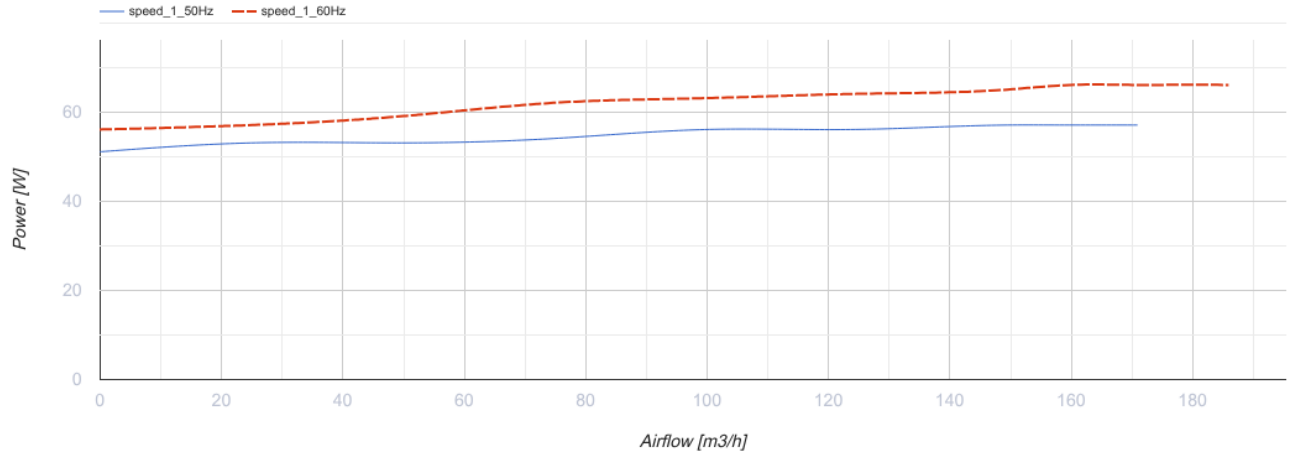
# Box-D 100 L

Centrifugal ceiling fans in metal casings with plastic front panels

• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Galvanized steel

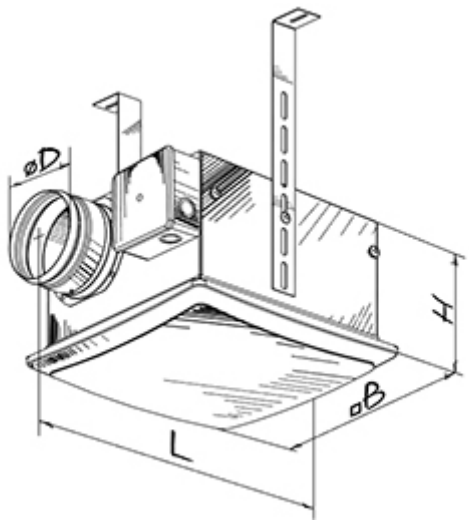
| | Unit of measurement | Box-D 100 L |
|---|---|---|
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Maximum airflow | m³/h | 170 |
| Weight | kg | 3.4 |
| Transported air temperature (max) | °C | 45 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP44 |
| Impeller material | - | Plastic |



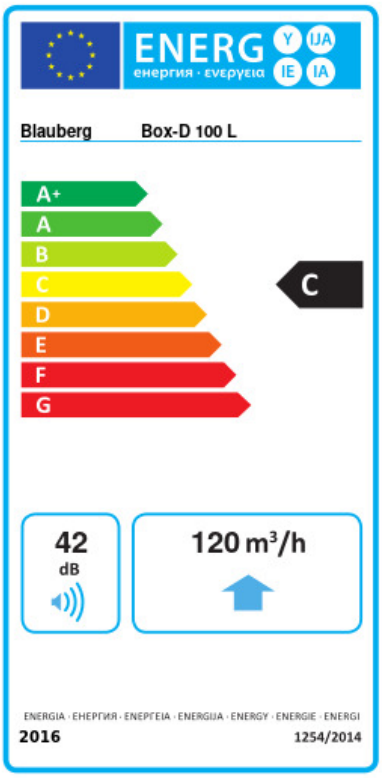




## Dimensions

| ØD | B | H | L |
|---|---|---|---|
| 100 | 240 | 160 | 305 |



## Ecodesign




| Trademark | Blauberg | | | | | |
|---|---|---|---|---|---|---|
| Model | Box-D 100 L | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -50.5 | A+ | -23.4 | C | -7.9 | F |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 120 | | | | | |
| Electric power input (W) | 56 | | | | | |
| Reference flow rate (m³/s) | 0.023 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.367 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 42 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 194 | | 194 | | 194 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |

## Accessories

### Humidity sensors

| Name | Photo | Description |
|---|---|---|
| HSE / HSI 1.5 |  | Sensors |
| TE / TI 1.5 |  | Timers |
| LSE / LSI 1.5 |  | Sensors |

| | | |
|---|---|---|
| IRSE / IRSI 1.5 |  | Sensors |