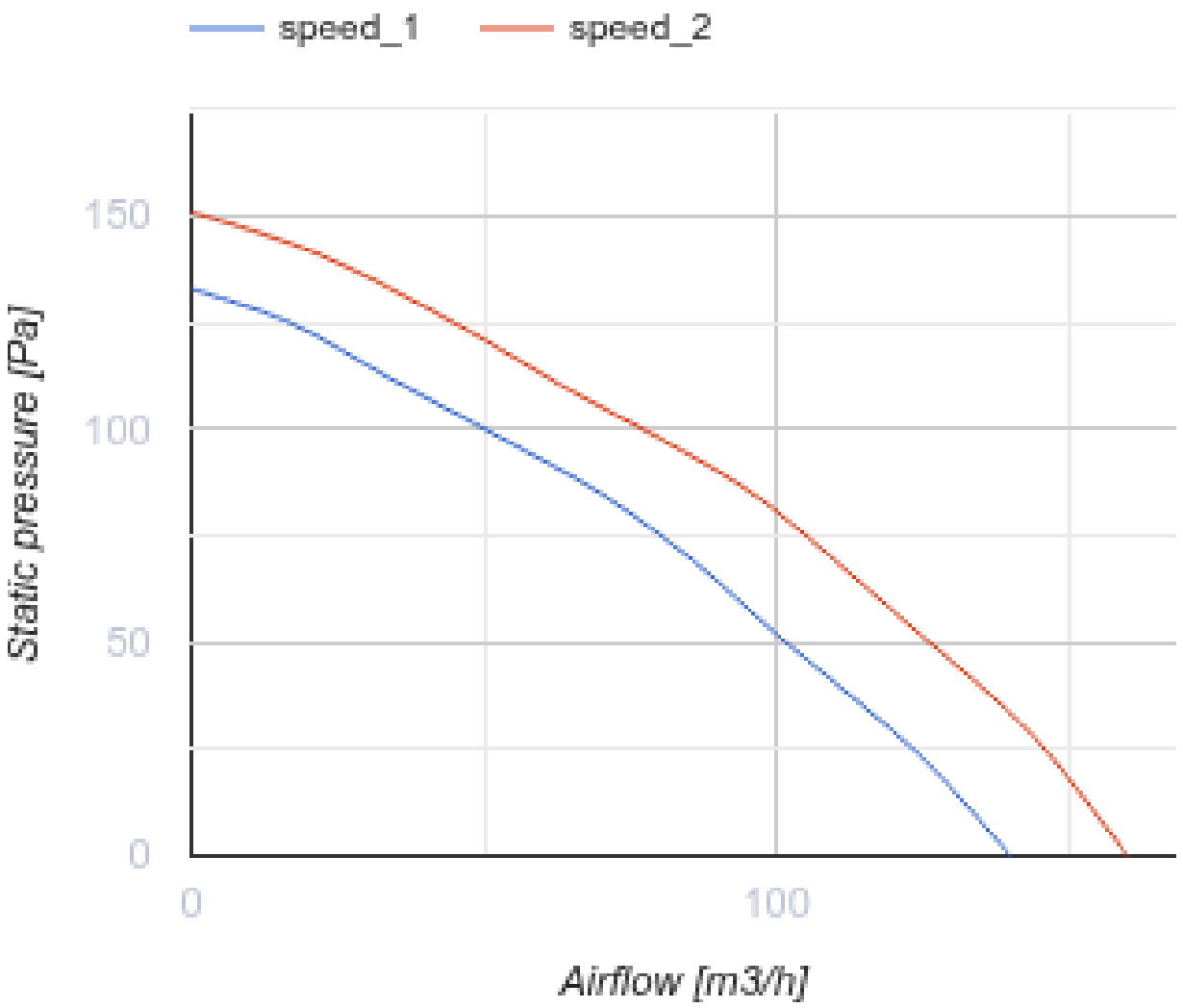


# Iso Box-F 100 G4/H13 V2

Centrifugal inline fans with forward curved blades in sound-insulated casings with filters

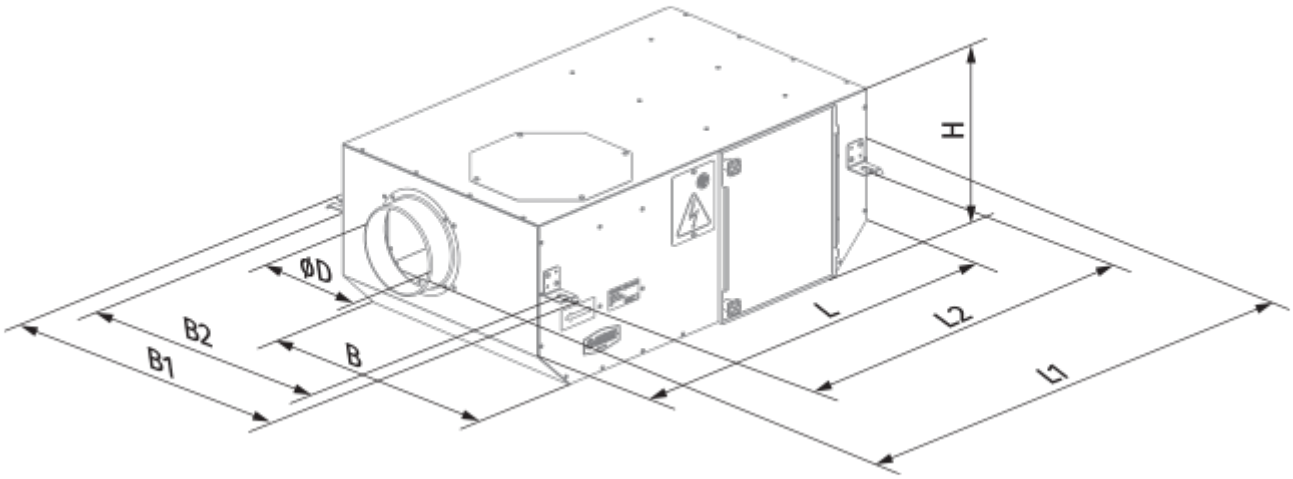
- Sound-insulated casing
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Coated steel
- Installation in any position

| | Unit of measurement | Iso Box-F 100 G4/H13 V2 | |
|---|---|---|---|
| Speed | - | 1 | 2 |
| Phases | - | 1 | |
| Maximum supply voltage | V | 230 | |
| Minimum supply voltage | V | 230 | |
| Power supply frequency | Hz | 50 | |
| Maximum airflow | m³/h | 140 | 160 |
| Weight | kg | 14.16 | |
| Transported air temperature (max) | °C | 40 | |
| Transported air temperature (min) | °C | -25 | |
| Ingress protection rating | - | IPX4 | |
| Ingress protection rating of the drive | - | IP44 | |
| Impeller material | - | Plastic | |

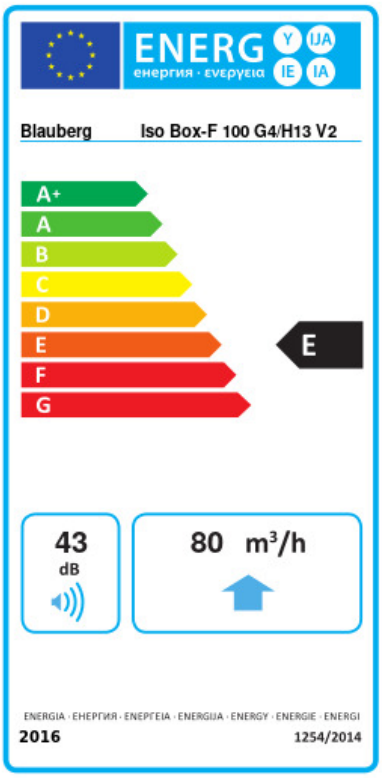



## Dimensions

| ØD | L | H | B | L1 | B1 | L2 | B2 |
|---|---|---|---|---|---|---|---|
| 100 | 705 | 250 | 415 | 805 | 508 | 650 | 458 |


H
ØD
B2
B1
B
L
L2
L1

## Ecodesign




| | | | | | | |
|---|---|---|---|---|---|---|
| Trademark | Blauberg | | | | | |
| Model | Iso Box-F 100 G4/H13 V2 | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -46.5 | A+ | -19.4 | E | -3.9 | F |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | 2-speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 80 | | | | | |
| Electric power input (W) | 38 | | | | | |
| Reference flow rate (m³/s) | 0.029 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.475 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Sound power level (dB(A)) | 43 | | | | | |
| Declared typology | RVU UVU | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 355 | | 355 | | 355 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |

## Accessories

### Speed controllers

| Name | Photo | Description |
|---|---|---|
| CDT E1.8 |  | Thyristor speed controller |

### Speed control switches

| Name | Photo | Description |
|---|---|---|

| | | |
|---|---|---|
| CDP-2/10 |  | Multi-speed switch |