

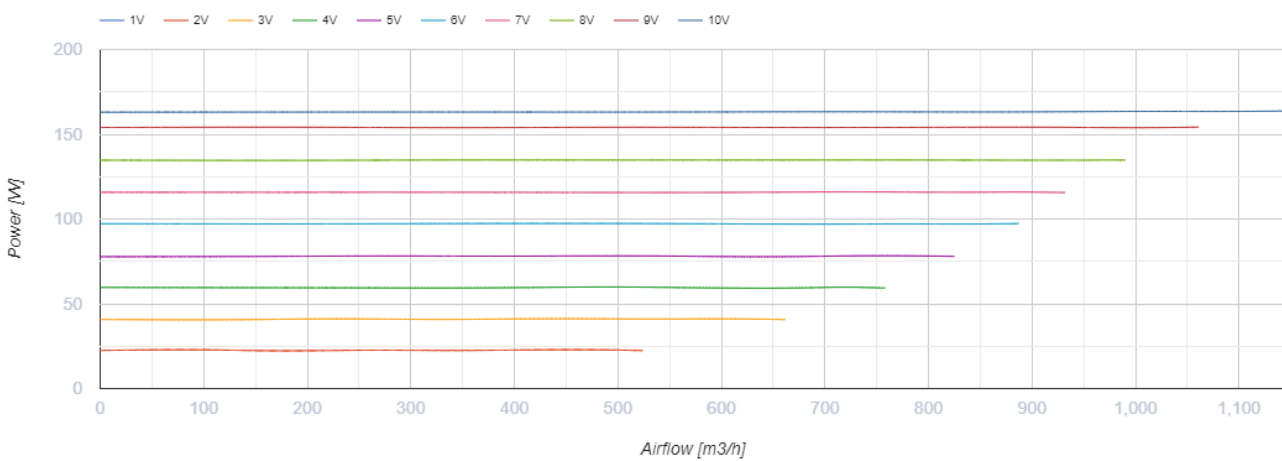
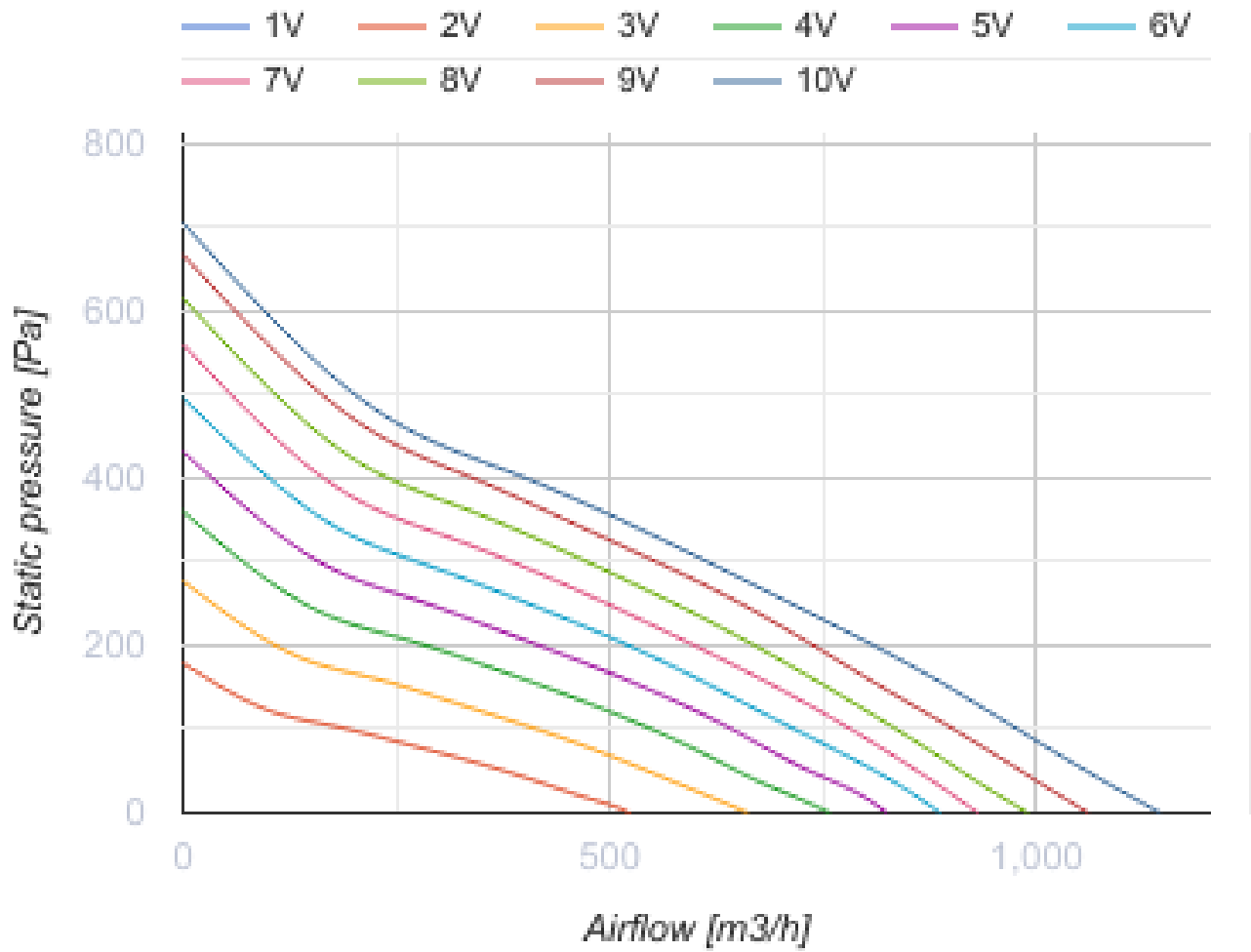
Iso-B EC 250

Sound-insulated inline centrifugal fans



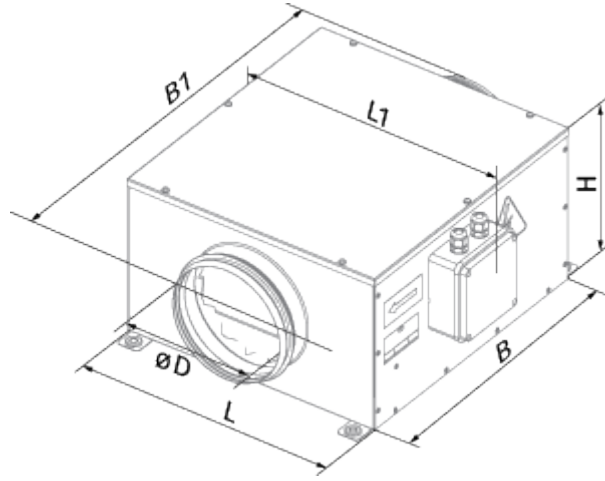
- Maximum airflow: 1145
- Sound pressure level LpA at 3 m: 40
- Sound insulation
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

| | Unit of measurement | Iso-B EC 250 |
|--|---------------------|--------------|
| Connected air duct size | mm | 250 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 163.7 |
| Unit current | A | 1.34 |
| Maximum airflow | m ³ /h | 1145 |
| Sound pressure level LpA at 3 m | dB(A) | 40 |
| Transported air temperature (max) | °C | 60 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP55 |

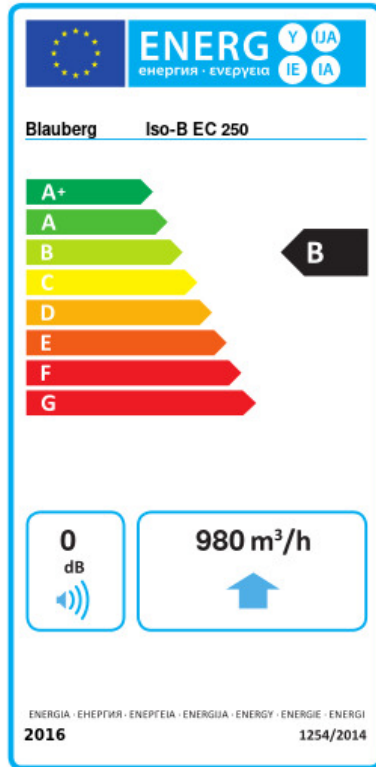


Dimensions

| ØD | L | L1 | B | B1 | H |
|-----|-----|-----|-----|-----|-----|
| 249 | 435 | 490 | 485 | 590 | 295 |



Ecodesign



| | | | | | | |
|---|----------------------|----|---------|---|-------|---|
| Trademark | Blaubeerg | | | | | |
| Model | Iso-B EC 250 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -53.9 | A+ | -26.8 | B | -11.3 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m ³ /h) | 980 | | | | | |
| Electric power input (W) | 163.5 | | | | | |
| Reference flow rate (m ³ /s) | 0.191 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.114 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 60 | | 60 | | 60 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |

Accessories

EC motors regulators

| Name | Photo | Description |
|----------------------------|-------|-----------------------------|
| CDT E/0-10 | | Speed control for EC motors |