

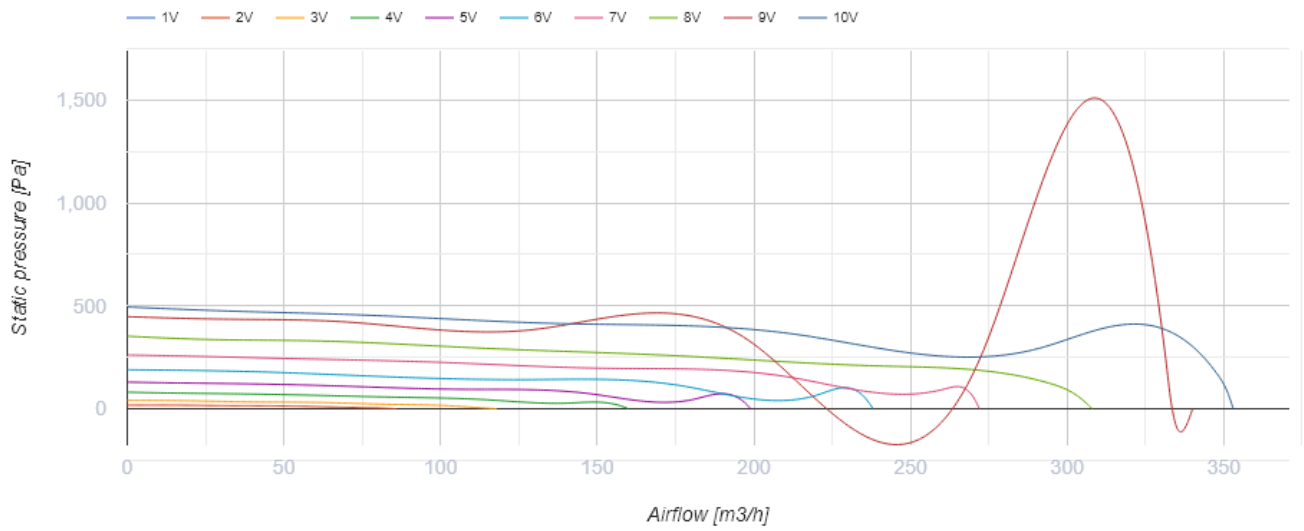
ISO-RF EC 100

Sound-insulated inline centrifugal fans



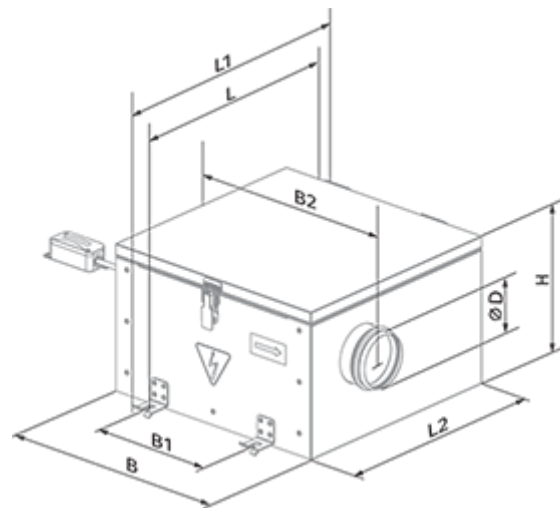
- Maximum airflow: 353
- Sound pressure level LpA at 3 m: 33
- Sound insulation
- Motor type: EC
- Impeller type: Centrifugal forward curved blades
- Casing material: Aluzinc
- Installation in any position

| | Unit of measurement | ISO-RF EC 100 |
|--|---------------------|---------------|
| Connected air duct size | mm | 100 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 118 |
| Unit current | A | 0.92 |
| Maximum airflow | m ³ /h | 353 |
| Sound pressure level LpA at 3 m | dB(A) | 33 |
| Weight | kg | 17 |
| Transported air temperature (max) | °C | 50 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IP44 |
| Ingress protection rating of the drive | - | IP54 |

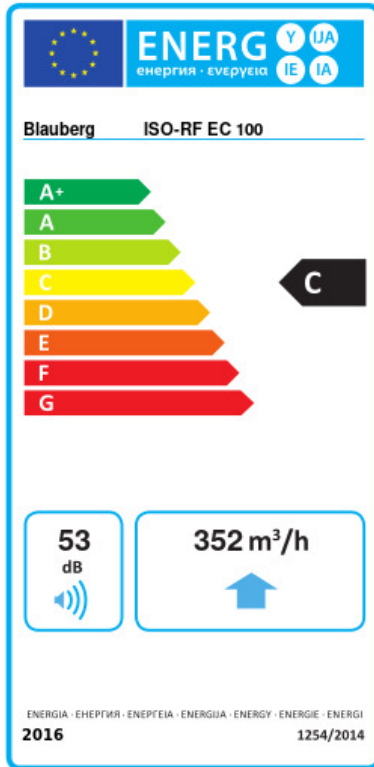


Dimensions

| ØD | B | B1 | B2 | H | L | L1 | L2 |
|----|-----|-----|-----|-----|-----|-----|-----|
| 97 | 512 | 360 | 589 | 280 | 504 | 553 | 460 |



Ecodesign



| | | | | | | |
|--|----------------------|----|---------|---|-------|---|
| Trademark | Blaubeerg | | | | | |
| Model | ISO-RF EC 100 | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -52.7 | A+ | -25.6 | C | -10.1 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 352 | | | | | |
| Electric power input (W) | 93 | | | | | |
| Reference flow rate (m³/s) | 0.068 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.203 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 53 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 107 | | 107 | | 107 | |
| 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 |

Humidity sensors

| Name | Photo | Description |
|-----------------------------|-------|-------------|
| TE / TI 1.5 | | Timers |

| | | |
|---------------------------------|---|---------|
| HSE / HSI 1.5 |  | Sensors |
| LSE / LSI 1.5 |  | Sensors |
| IRSE / IRSI 1.5 |  | Sensors |