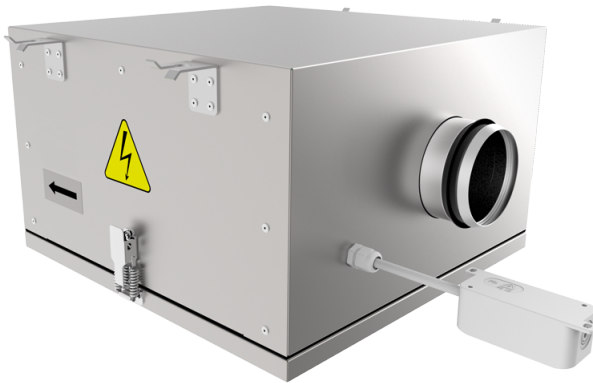


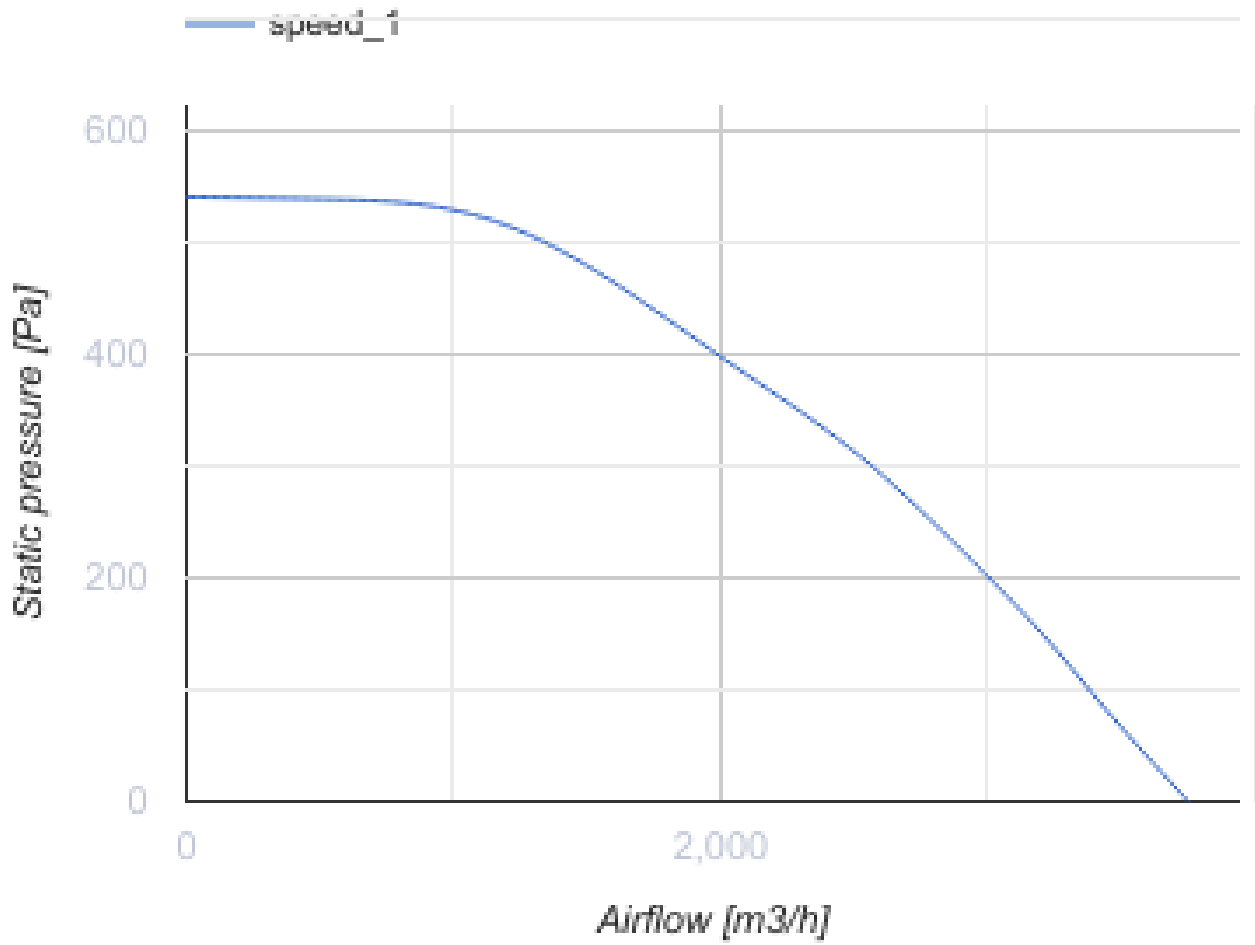
Iso-RB 450 L

Sound-insulated inline centrifugal fans



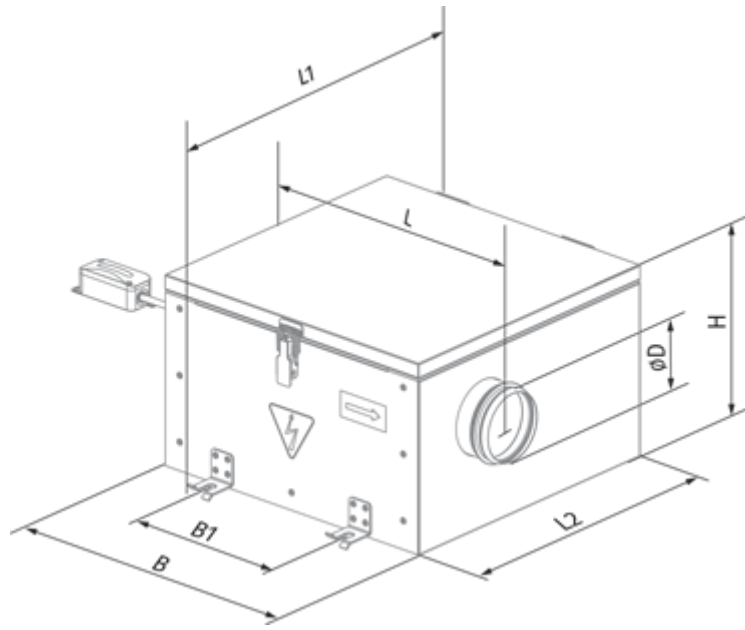
- Maximum airflow: 3750
- Sound pressure level LpA at 3 m: 50
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Aluzinc
- Installation in any position

| | Unit of measurement | Iso-RB 450 L |
|--|---------------------|--------------|
| Connected air duct size | mm | 450 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 482 |
| Unit current | A | 2.13 |
| Maximum airflow | m ³ /h | 3750 |
| rotation speed at 50hz | - | 1350 |
| Sound pressure level LpA at 3 m | dB(A) | 50 |
| Weight | kg | 84 |
| Transported air temperature (max) | °C | 55 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP54 |



Dimensions

| Ø D | B | B1 | H | L | L1 | L2 |
|-----|------|-----|-----|------|------|-----|
| 449 | 1049 | 858 | 607 | 1152 | 1049 | 968 |







Ecodesign


| | |
|---------------------------------------|---------------------|
| Trademark | Blauberg |
| Model | Iso-RB 450 L |
| Type of ventilation unit | Unidirectional |
| Type of drive installed | External MSD or VSD |
| Type of heat recovery system | None |
| Nominal flow rate (m ³ /s) | 0.472 |
| Nominal external pressure (Pa) | 422 |
| Maximum external leakage rates (%) | 2.7 |
| Static efficiency (%) | 43 |
| Declared typology | NRVU UVU |
| Sound power level (dB(A)) | 68 |
| Effective electric power input (kW) | 0.473 |




Accessories

Thyristor speed controllers

| Name | Photo | Description |
|-------------------------------|---|----------------------------|
| CDT E1.8 |  | Thyristor speed controller |
| CDTE E10.0 TP |  | Speed controllers |
| CDTE E5.0 TP |  | Speed controllers |
| CDTE E3.0 TP |  | Speed controllers |

Humidity sensors

| Name | Photo | Description |
|-------------------------------|---|-------------|
| LSE / LSI 1.5 |  | Sensors |

| | | |
|---------------------------------|---|---------|
| HSE / HSI 1.5 |  | Sensors |
| TE / TI 1.5 |  | Timers |
| IRSE / IRSI 1.5 |  | Sensors |

For round ducts

| Name | Photo | Description |
|-------------------------|---|-----------------------------|
| VKA 450 |  | Air dampers for round ducts |