

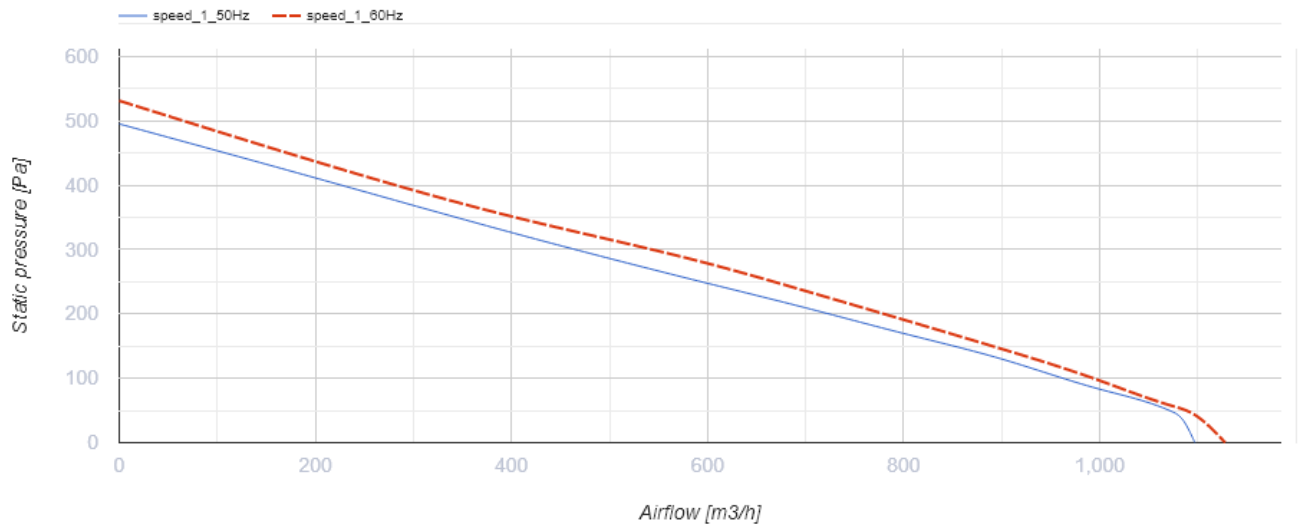


## Centro 250

Centrifugal inline fans in plastic casings

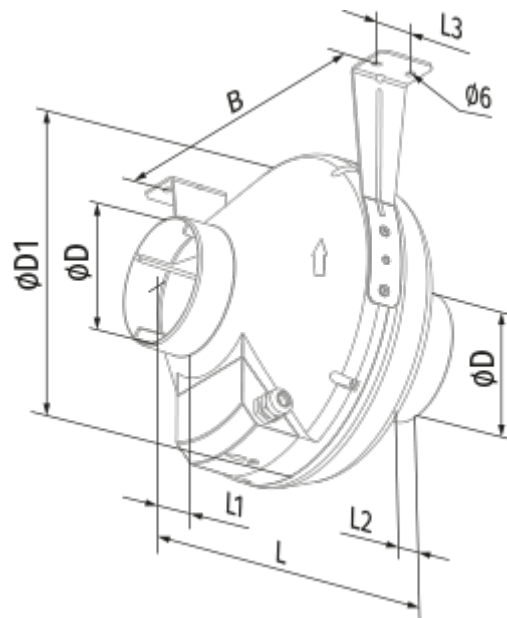
- Maximum airflow: 1100
- Sound pressure level LpA at 3 m: 49
- Motor type: AC
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Plastic
- Installation in any position

|  | Unit of measurement | Centro 250 |    |
|--|---------------------|------------|----|
| Connected air duct size                | mm                  | 250        |    |
| Speed                                  | -                   | 1          |    |
| Phases                                 | -                   | 1          |    |
| Minimum supply voltage                 | V                   | 230        |    |
| Maximum supply voltage                 | V                   | 230        |    |
| Power supply frequency                 | Hz                  | 50         | 60 |
| Rated power                            | W                   | 171        |    |
| Unit current                           | A                   | 0.75       |    |
| Maximum airflow                        | m <sup>3</sup> /h   | 1100       |    |
| Sound pressure level LpA at 3 m        | dB(A)               | 49         |    |
| Weight                                 | kg                  | 4.3        |    |
| Transported air temperature (max)      | °C                  | 50         |    |
| Transported air temperature (min)      | °C                  | -25        |    |
| Ingress protection rating              | -                   | IPX4       |    |
| Ingress protection rating of the drive | -                   | IP44       |    |

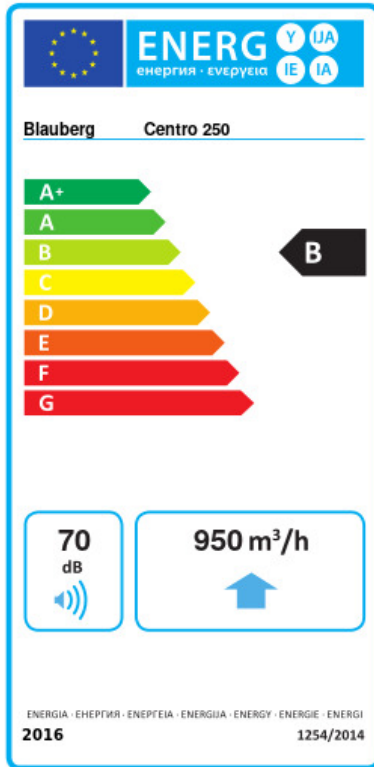


## Dimensions

| ØD  | ØD1 | B   | L   | L1 | L2 | L3 |
|-----|-----|-----|-----|----|----|----|
| 250 | 340 | 354 | 265 | 30 | 30 | 40 |



## Ecodesign








|   |                      |    |         |   |       |   |
|---|----------------------|----|---------|---|-------|---|
| Trademark   | Blauberg             |    |         |   |       |   |
| Model   | Centro 250           |    |         |   |       |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                 |    | Average |   | Warm  |   |
|   | -53.7                | A+ | -26.7   | B | -11.2 | E |
| Type of ventilation unit                                    | Unidirectional       |    |         |   |       |   |
| Type of drive installed                                     | Variable speed       |    |         |   |       |   |
| Type of heat recovery system                                | None                 |    |         |   |       |   |
| Maximum flow rate (m <sup>3</sup> /h)                       | 950                  |    |         |   |       |   |
| Electric power input (W)                                    | 173                  |    |         |   |       |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.185                |    |         |   |       |   |
| Reference pressure difference (Pa)                          | 50                   |    |         |   |       |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.123                |    |         |   |       |   |
| Control typology  | Local demand control |    |         |   |       |   |
| Maximum external leakage rates (%)                          | 2.7                  |    |         |   |       |   |
| Declared typology   | RVU UVU              |    |         |   |       |   |
| Sound power level (dB(A))                                   | 70                   |    |         |   |       |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                 |    | Average |   | Warm  |   |
|   | 65                   |    | 65      |   | 65    |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                 |    | Average |   | Warm  |   |
|   | 5536                 |    | 2830    |   | 1280  |   |

## Accessories

### Other accessories

| Name                      | Photo | Description                |
|---------------------------|-------|----------------------------|
| <a href="#">CDT E1.8</a>  |       | Thyristor speed controller |
| <a href="#">CDT1 E0.5</a> |       | Multi-speed switches       |
| <a href="#">CDT1 E1.5</a> |       | Multi-speed switches       |

|                               |   |                      |
|-------------------------------|---|----------------------|
| <a href="#">CDT1 E2.5</a>     |  | Multi-speed switches |
| <a href="#">CDT1 E4.0</a>     |  | Multi-speed switches |
| <a href="#">CDTE E3.0 TP</a>  |  | Speed controllers    |
| <a href="#">CDTE E5.0 TP</a>  |  | Speed controllers    |
| <a href="#">CDTE E10.0 TP</a> |  | Speed controllers    |