

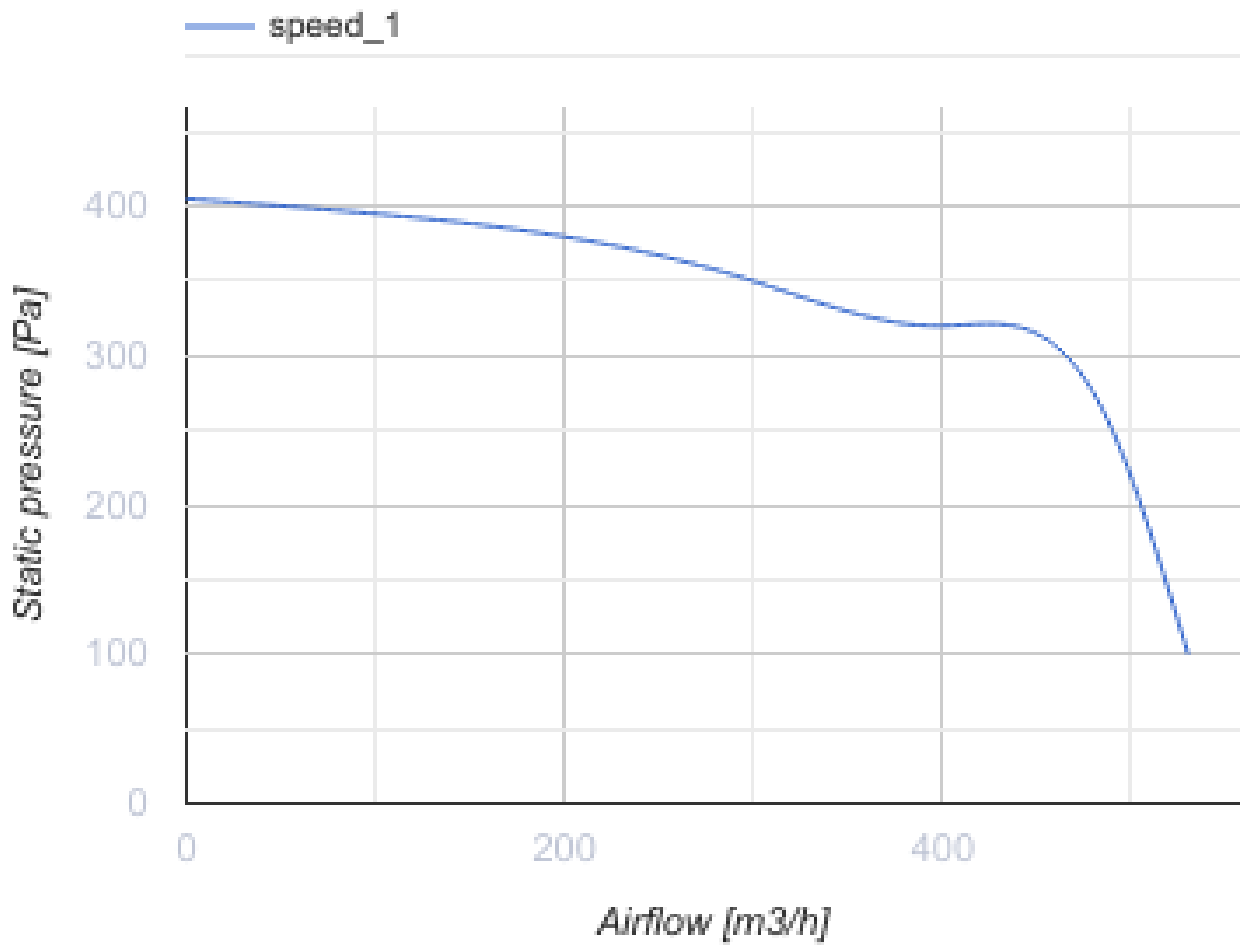


## Iso 125-2E

Sound-insulated inline centrifugal fans

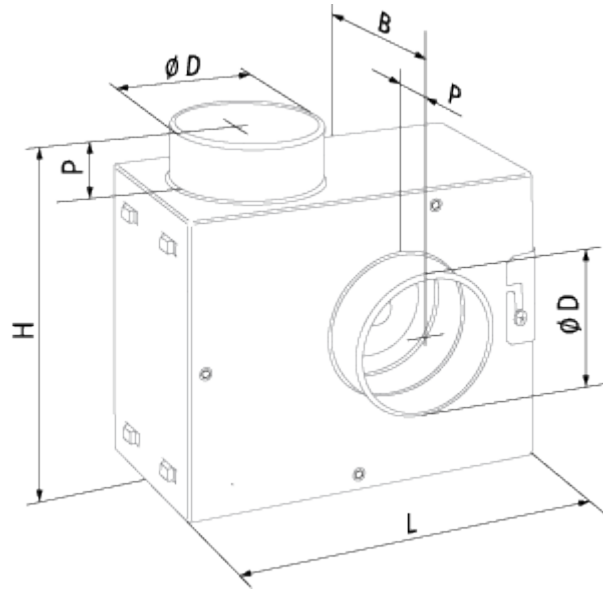
- Maximum airflow: 505
- Sound pressure level LpA at 3 m: 38
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal forward curved blades
- Casing material: Galvanized steel
- Installation in any position

|  | Unit of measurement | Iso 125-2E |   |
|--|---------------------|------------|---|
| Connected air duct size                | mm                  | 125        |   |
| Speed                                  | -                   | 1          |   |
| Minimum supply voltage                 | V                   | 230        |   |
| Maximum supply voltage                 | V                   | 230        |   |
| Power supply frequency                 | Hz                  | 50         |   |
| Rated power                            | W                   | 155        |   |
| Unit current                           | A                   | 0.7        |   |
| Maximum airflow                        | m <sup>3</sup> /h   | 505        |   |
| Sound pressure level LpA at 3 m        | dB(A)               | 38         | 3 |
| Weight                                 | kg                  | 4.57       |   |
| Transported air temperature (max)      | °C                  | 40         |   |
| Transported air temperature (min)      | °C                  | -25        |   |
| Ingress protection rating              | -                   | IPX2       |   |
| Ingress protection rating of the drive | -                   | IP44       |   |

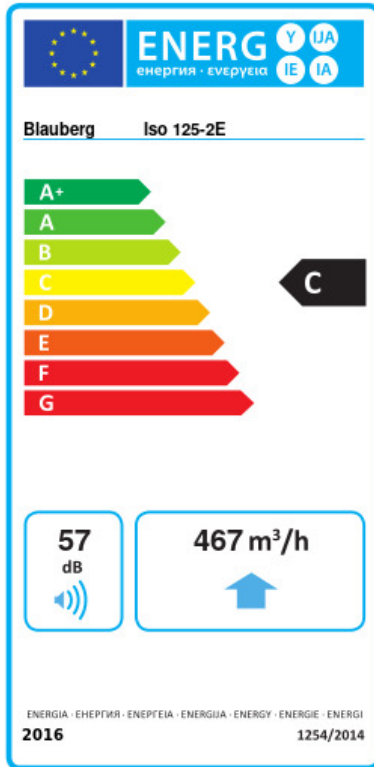


### Dimensions

| ØD  | B   | H   | L   | P  |
|-----|-----|-----|-----|----|
| 123 | 204 | 308 | 310 | 48 |



## Ecodesign



|   |                      |    |         |   |      |   |
|---|----------------------|----|---------|---|------|---|
| Trademark   | Blauberg             |    |         |   |      |   |
| Model   | Iso 125-2E           |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                 |    | Average |   | Warm |   |
|   | -51.1                | A+ | -24.1   | C | -8.6 | F |
| 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)                       | 467                  |    |         |   |      |   |
| Electric power input (W)                                    | 149                  |    |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.091                |    |         |   |      |   |
| Reference pressure difference (Pa)                          | 50                   |    |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.319                |    |         |   |      |   |
| Control typology  | Local demand control |    |         |   |      |   |
| Maximum external leakage rates (%)                          | 2.7                  |    |         |   |      |   |
| Declared typology   | RVU UVU              |    |         |   |      |   |
| Sound power level (dB(A))                                   | 57                   |    |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                 |    | Average |   | Warm |   |
|   | 169                  |    | 169     |   | 169  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                 |    | Average |   | Warm |   |
|   | 5536                 |    | 2830    |   | 1280 |   |




## Accessories

### Thyristor speed controllers

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

### Humidity sensors

| Name                        | Photo | Description |
|-----------------------------|-------|-------------|
| <a href="#">TE / TI 1.5</a> |       | Timers      |

|                                 |   |         |
|---------------------------------|---|---------|
| <a href="#">HSE / HSI 1.5</a>   |  | Sensors |
| <a href="#">LSE / LSI 1.5</a>   |  | Sensors |
| <a href="#">IRSE / IRSI 1.5</a> |  | Sensors |