

# RO 100-turbo



Axial decorative fans for exhaust ventilation

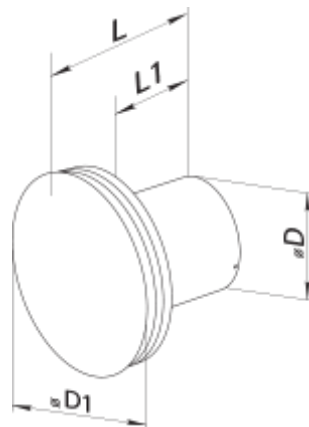
- Maximum airflow: 115
- Sound pressure level LpA at 3 m: 37
- Motor type: AC
- Casing material: Plastic
- Backdraft protection: Backdraft damper

|   | Unit of measurement     | RO 100-turbo |
|---|-------------------------|--------------|
| Connected air duct size                     | mm                      | 100          |
| Speed                                       | -                       | 1            |
| Minimum supply voltage                      | V                       | 220          |
| Maximum supply voltage                      | V                       | 240          |
| Power supply frequency                      | Hz                      | 50/60        |
| Rated power                                 | W                       | 17           |
| Unit current                                | A                       | 0.121        |
| Maximum airflow                             | m <sup>3</sup> /h       | 115          |
| Sound pressure level LpA at 3 m             | dB(A)                   | 37           |
| Weight                                      | kg                      | 0.68         |
| Ambient air temperature min                 | °C                      | 1            |
| Ambient air temperature max                 | °C                      | 45           |
| Ingress protection rating                   | -                       | IP24         |
| ErP compliance                              | -                       | 2016         |
| Cold - Specific energy consumption (SEC)    | kWh/(m <sup>2</sup> /a) | 28.9         |
| SEC Class Cold                              | -                       | B            |
| Average - Specific energy consumption (SEC) | kWh/(m <sup>2</sup> /a) | 12.5         |
| SEC Class Average                           | -                       | E            |
| Warm - Specific energy consumption (SEC)    | kWh/(m <sup>2</sup> /a) | 3.1          |
| SEC Class Warm                              | -                       | F            |
| Unit category                               | -                       | RVU          |

|  |                       |                |
|--|-----------------------|----------------|
| Type of ventilation unit                           | -                     | Unidirectional |
| Type of drive installed                            | -                     | Single speed   |
| Type of heat recovery system                       | -                     | None           |
| Maximum flow rate                                  | m <sup>3</sup> /h     | 115            |
| Electric power input                               | W                     | 17             |
| Reference flow rate                                | m <sup>3</sup> /s     | 0.022          |
| Specific power input (SPI)                         | W/(m <sup>3</sup> /h) | 0.148          |
| Control typology                                   | -                     | Manual control |
| Maximum external leakage rates                     | %                     | 2.7            |
| Cold - The annual electricity consumption (AEC)    | kWh/a                 | 185            |
| Average - The annual electricity consumption (AEC) | kWh/a                 | 185            |
| Warm - Jährlicher Stromverbrauch (JSV)             | kWh/a                 | 185            |
| Cold - The annual heating saved (AHS)              | kWh/a                 | 3355           |
| The annual heating saved (AHS) Average             | kWh/a                 | 1715           |
| The annual heating saved (AHS) Warm                | kWh/a                 | 776            |
| Sound power level                                  | dB(A)                 | 57             |
| Declared typology                                  | -                     | RVU UVU        |

## Dimensions

| Ø D | Ø D1 | L   | L1 |
|-----|------|-----|----|
| 100 | 172  | 121 | 88 |



## Accessories

### Cooker Hoods

| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

[FO\\_100](#)



The window flange applicable for all VENTS fans except for VKO, VKO1, iFan, Quiet, MAO, CF