

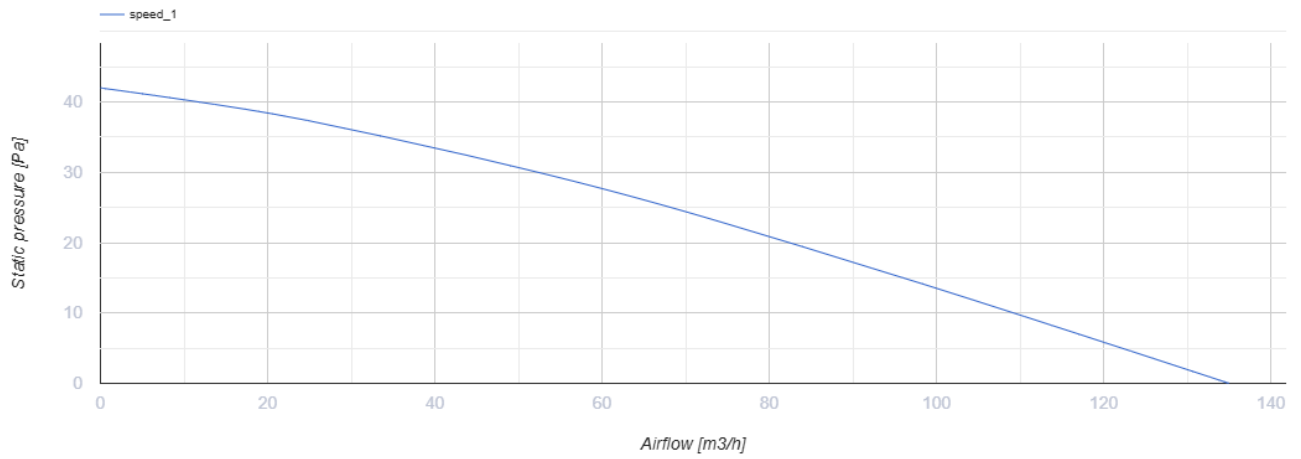
# 100 VKO turbo



Axial high-performance inline fans for extract or supply ventilation

- Maximum airflow: 135
- Sound pressure level LpA at 3 m: 38
- Motor type: AC
- Casing material: Polypropylene/Thermoplastic elastomer

|                                 | Unit of measurement | 100 VKO 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                   | 16            |
| Unit current                    | A                   | 0.1           |
| Maximum airflow                 | m <sup>3</sup> /h   | 135           |
| Sound pressure level LpA at 3 m | dB(A)               | 38            |
| Weight                          | kg                  | 0.41          |
| Ambient air temperature min     | °C                  | 1             |
| Ambient air temperature max     | °C                  | 40            |
| Ingress protection rating       | -                   | IPX4          |

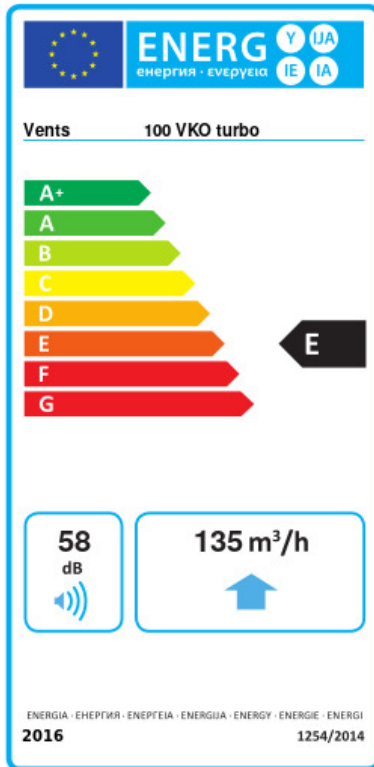


## Dimensions

| <b>ØD</b> | <b>ØD1</b> | <b>L</b> | <b>L1</b> |
|-----------|------------|----------|-----------|
| 100       | 104        | 91       | 31        |



## Ecodesign



|   |                |   |         |   |      |   |
|---|----------------|---|---------|---|------|---|
| Trademark   | Vents          |   |         |   |      |   |
| Model   | 100 VKO turbo  |   |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold           |   | Average |   | Warm |   |
|   | -31            | B | -15     | E | -5   | F |
| Type of ventilation unit                                    | Unidirectional |   |         |   |      |   |
| Type of drive installed                                     | Multi-speed    |   |         |   |      |   |
| Type of heat recovery system                                | None           |   |         |   |      |   |
| Maximum flow rate (m <sup>3</sup> /h)                       | 135            |   |         |   |      |   |
| Electric power input (W)                                    | 16             |   |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.026          |   |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.076          |   |         |   |      |   |
| Control typology  | Manual control |   |         |   |      |   |
| Maximum external leakage rates (%)                          | 2.7            |   |         |   |      |   |
| Declared typology   | RVU UVU        |   |         |   |      |   |
| Sound power level (dB(A))                                   | 58             |   |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold           |   | Average |   | Warm |   |
|   | 100            |   | 100     |   | 100  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold           |   | Average |   | Warm |   |
|   | 3400           |   | 1700    |   | 800  |   |