

# 100 M1 12



Axial fans for exhaust ventilation

- Maximum airflow: 86
- Sound pressure level LpA at 3 m: 33
- Motor type: AC
- Casing material: Plastic

|                                 | Unit of measurement | 100 M1 12 |
|---------------------------------|---------------------|-----------|
| Connected air duct size         | mm                  | 100       |
| Speed                           | -                   | 1         |
| Minimum supply voltage          | V                   | 12        |
| Maximum supply voltage          | V                   | 12        |
| Power supply frequency          | Hz                  | 50/60     |
| Rated power                     | W                   | 14        |
| Unit current                    | A                   | 1.5       |
| Maximum airflow                 | m <sup>3</sup> /h   | 86        |
| Sound pressure level LpA at 3 m | dB(A)               | 33        |
| Weight                          | kg                  | 0.51      |
| Ambient air temperature min     | °C                  | 1         |
| Ambient air temperature max     | °C                  | 40        |
| Ingress protection rating       | -                   | IP34      |





### Dimensions

| ØD  | B   | B1  | B2  | H   | L  | L1 |
|-----|-----|-----|-----|-----|----|----|
| 100 | 165 | 150 | 150 | 150 | 92 | 32 |



## Accessories

### Flanges

| Name                   | Photo   | Description  |
|------------------------|---|--|
| <a href="#">FO 100</a> |   | The window flange applicable for all VENTS fans except for VKO, VKO1, iFan, Quiet, MAO, CF   |
| <a href="#">KO 100</a> |  | Back valve is designed for domestic fan series VENTS M, M1, D, S, M3, X, X1, LD, LD Fresh time, Silenta-M, Silenta-S, Modern, Vitro star, Z star, X star |

## Ecodesign



|   |                |   |         |   |      |   |
|---|----------------|---|---------|---|------|---|
| Trademark   | Vents          |   |         |   |      |   |
| Model   | 100 M1 12      |   |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold           |   | Average |   | Warm |   |
|   | -30            | B | -14     | E | -4   | 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)                       | 86             |   |         |   |      |   |
| Electric power input (W)                                    | 14             |   |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.017          |   |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.105          |   |         |   |      |   |
| Control typology  | Manual control |   |         |   |      |   |
| Maximum external leakage rates (%)                          | 2.7            |   |         |   |      |   |
| Sound power level (dB(A))                                   | 53             |   |         |   |      |   |
| Declared typology   | RVU UVU        |   |         |   |      |   |
| 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  |   |