



## Bavaria One 100

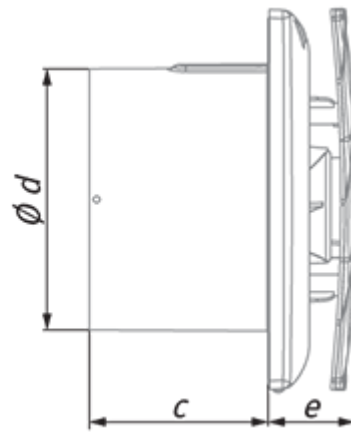
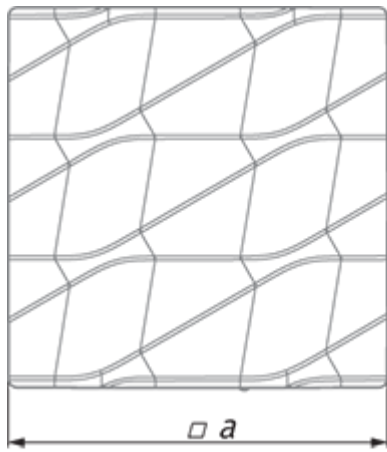
Low noise and low power exhaust axial fan suitable for use in Zone 1

- Maximum airflow: 85
- Sound pressure level LpA at 3 m: 26
- Casing material: Plastic
- Backdraft protection: Backdraft damper

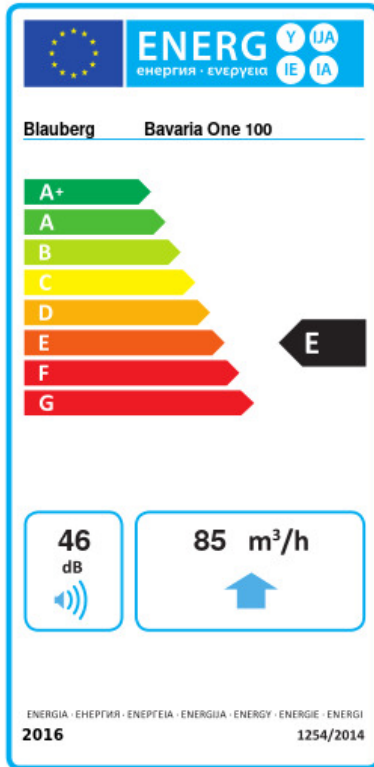
|                                 | Unit of measurement | Bavaria One 100 |
|---------------------------------|---------------------|-----------------|
| Connected air duct size         | mm                  | 100             |
| Speed                           | -                   | 1               |
| Minimum supply voltage          | V                   | 220             |
| Maximum supply voltage          | V                   | 240             |
| Power supply frequency          | Hz                  | 50              |
| Rated power                     | W                   | 8               |
| Unit current                    | A                   | 0.05            |
| Maximum airflow                 | m <sup>3</sup> /h   | 85              |
| rotation speed at 50hz          | -                   | 2100            |
| Sound pressure level LpA at 3 m | dB(A)               | 26              |
| Weight                          | kg                  | 0.51            |
| Ambient air temperature min     | °C                  | 1               |
| Ambient air temperature max     | °C                  | 40              |
| Ingress protection rating       | -                   | IP44 Zone 1     |

### Dimensions

| a   | c  | Ø d | e  |
|-----|----|-----|----|
| 180 | 79 | 99  | 38 |



## Ecodesign



|   |                 |         |       |   |      |   |
|---|-----------------|---------|-------|---|------|---|
| Trademark   | Blauberg        |         |       |   |      |   |
| Model   | Bavaria One 100 |         |       |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold            | Average | Warm  |   |      |   |
|   | -30.6           | B       | -14.2 | E | -4.8 | F |
| 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)                       | 85              |         |       |   |      |   |
| Electric power input (W)                                    | 8               |         |       |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.017           |         |       |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.094           |         |       |   |      |   |
| Control typology  | Manual control  |         |       |   |      |   |
| Maximum external leakage rates (%)                          | 2.7             |         |       |   |      |   |
| Sound power level (dB(A))                                   | 46              |         |       |   |      |   |
| Declared typology   | RVU UVU         |         |       |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold            | Average | Warm  |   |      |   |
|   | 118             | 118     | 118   |   |      |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold            | Average | Warm  |   |      |   |
|   | 3355            | 1715    | 776   |   |      |   |

## Accessories

### Thyristor speed controllers

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