

# Bavaria 100 ST

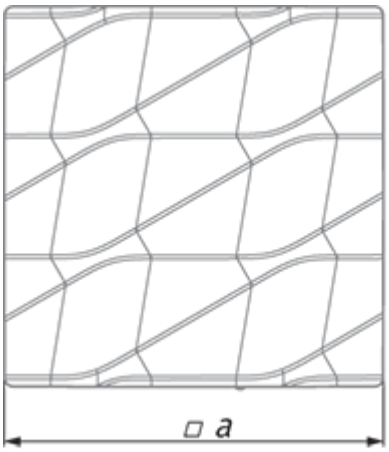
Axial extract fan equipped with a decorative front panel and high air flow

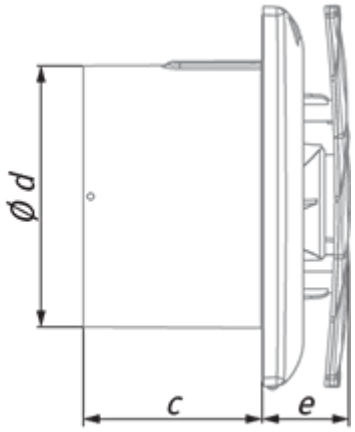
- Casing material: Plastic
- Backdraft protection: Backdraft damper
- Pull cord
- Timer: Turn off timer, Turn on timer

| | Unit of measurement | Bavaria 100 ST |
|---|---|---|
| Minimum supply voltage | V | 220 |
| Maximum supply voltage | V | 240 |
| Power supply frequency | Hz | 50 |
| Maximum airflow | $m^3/h$ | 85 |
| Weight | kg | 0.51 |
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 40 |
| Ingress protection rating | - | IP44 |
| Impeller material | - | Plastic |

## Dimensions

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


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## Ecodesign

| | | | | | | |
|---|---|---|---|---|---|---|
| Trademark | Blauberg | | | | | |
| Model | Bavaria 100 ST | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -33.9 | B | -15.9 | E | -5.7 | F |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Single speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 85 | | | | | |
| Electric power input (W) | 8 | | | | | |
| Reference flow rate (m³/s) | 0.017 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.094 | | | | | |
| Control typology | Clock control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 47 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 112 | | 112 | | 112 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 3667 | | 1874 | | 848 | |

## Accessories

### Speed controllers

| Name | Photo | Description |
|---|---|---|
| CDT E1.8 |  | Thyristor speed controller |