

# BAVARIA

WITH DECORATIVE FRONT PANEL

Low noise and low power exhaust axial fan with air flow up to 155 m<sup>3</sup>/h



**Air flow:**  
up to 155 m<sup>3</sup>/h  
43 l/s



**Power:**  
from 8 W

**SFP:**  
from 0.33 W/l/s



**Noise level:**  
from 27 dBA



## Features



- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other residential premises.
- Wall and ceiling mounting.
- Modern design and aesthetic look.
- The casing, impeller and the front panel are made of high-quality and UV-resistant ABS plastic.
- The aerodynamic design of the impeller ensures high air flow and low noise level.
- The fan outlet pipe incorporates specially designed air rectifiers to reduce air turbulence, noise level and increase air pressure.
- The fan is equipped with a specially designed backdraft damper to prevent back flow and heat losses during the fan standby.
- Ventilation shaft mounting or connection to Ø 100 mm and Ø 125 mm air ducts.

## Motor



- Reliable motor with low energy demand.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.
- Equipped with ball bearings.

## Options



| Model                | Bavaria 100 / Bavaria 100 (220-240V/60Hz) / Bavaria 125 |   |    |    |   |    |
|----------------------|---|---|----|----|---|----|
| Option               | S   | T | TR | ST | H | SH |
| Pull cord switch     | •   |   |    | •  |   | •  |
| Turn-on delay timer  |   |   | •  | •  | • | •  |
| Turn-off delay timer |   | • | •  | •  | • | •  |
| Humidity sensor      |   |   |    |    | • | •  |

- Turn-on delay timer**
  - Turn-on delay time of 45 seconds.
- Turn-off delay timer**
  - Adjustable delay from 2 to 30 minutes.
- Humidity sensor**
  - Humidity sensor activation threshold is adjustable from 60 % to 90 %.

## Control

### Manual:

- The fan is operated via a light switch (not included in the delivery set).
- The fan is operated via the built-in pull cord switch «S» (option).

### Automatic:

- By the MCD 60/0.3 electronic control unit. The control unit is supplied separately.
- By the timer (option). When the fan is turned on by the external switch, the turn-on delay timer is activated for 10 seconds up to 2 minutes. After the external switch is turned off, the fan keeps operating for a set turn-off delay time period, adjustable from 2 to 30 minutes.
- By the timer and the humidity sensor (option). If the humidity level in the room exceeds the set value (60–90 %), the fan switches on automatically and operates until the humidity level drops to the standard level. Then the fan continues operating within the time period according to the turn-off delay timer setting (from 2 to 30 minutes) and shuts down.

## Accessories

### Duct system



BlauPlast

### Flexible air ducts



BlauFlex

### Grilles and hoods



Decor, GM

### Speed controllers



CDT E1.8

MCD 60/0.3

### Clamps



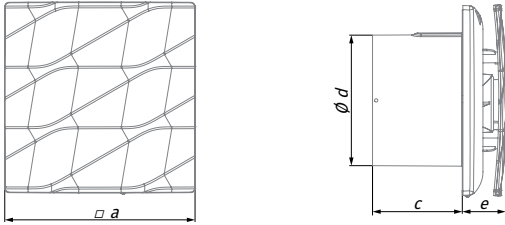
K, KZ

# BAVARIA

WITH DECORATIVE FRONT PANEL

## Overall dimensions and mounting

- o The fan is installed directly into the ventilation shaft.
- o Flexible duct connection is recommended in case of the remote ventilation shaft location. The air duct is connected to the fan exhaust spigot with a clamp.
- o Fixation to the wall or ceiling with screws.



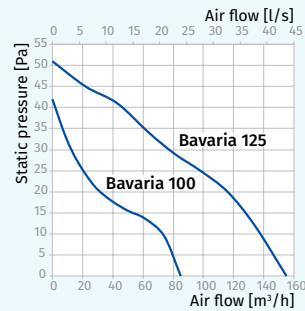
| Dimensions [mm] | a   | c  | Ø d | e  |
|-----------------|-----|----|-----|----|
| Bavaria 100     | 180 | 79 | 99  | 38 |
| Bavaria 125     | 180 | 85 | 124 | 41 |

| Designation key |                 |                 |        |
|-----------------|-----------------|-----------------|--------|
| Bavaria         | 100             | (220-240V/60Hz) | H      |
| Model           | Spigot diameter | Frequency 60 Hz | Option |

## Technical data

| Model                              | Bavaria 100 | Bavaria 100 (220-240V/60Hz) | Bavaria 125 |
|------------------------------------|-------------|-----------------------------|-------------|
| Voltage [V]                        | 220-240     | 220-240                     | 220-240     |
| Frequency [Hz]                     | 50          | 60                          | 50          |
| Power [W]                          | 8           | 8                           | 18          |
| Current [A]                        | 0.05        | 0.05                        | 0.11        |
| RPM [min <sup>-1</sup> ]           | 2000        | 2000                        | 2200        |
| Air flow [m <sup>3</sup> /h (l/s)] | 85 (24)     | 85 (24)                     | 155 (43)    |
| SFP [W/l/s]                        | 0.33        | 0.33                        | 0.42        |
| Sound pressure level [dBA]*        | 27          | 27                          | 32          |
| Weight [kg]                        | 0.51        | 0.51                        | 0.75        |

\* Sound pressure level measured in free space at a distance of 3 meters from the fan.



CE GS IP44

## Application example

