

# BAVARIA ONE

WITH DECORATIVE FRONT PANEL

Low noise and low power exhaust axial fan with air flow up to 85 m<sup>3</sup>/h suitable for use in Zone 1.



**Air flow:**  
up to 85 m<sup>3</sup>/h  
24 l/s



**Power:**  
from 8 W  
**SFP:**  
from 0.34 W/l/s



**Noise level:**  
from 26 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.
- Advanced 7-blade impeller aerodynamic profile provides even better performance and lower 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 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 One 100			
	S	T	TR	H
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



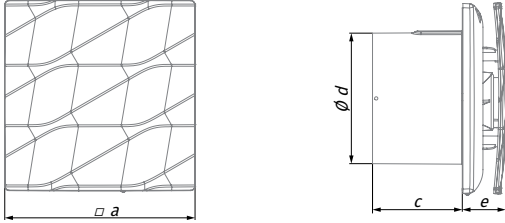
K, KZ

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## Overall dimensions and mounting

- The fan is installed directly into the ventilation shaft.
- 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.
- Fixation to the wall or ceiling with screws.



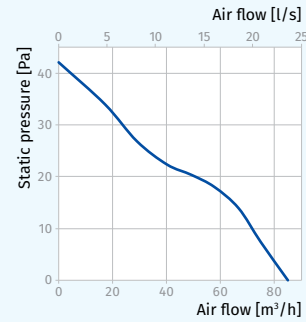
Dimensions [mm]	a	c	Ø d	e
Bavaria One 100	180	79	99	38

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

## Technical data

Model	Bavaria One 100
Voltage [V]	220-240
Frequency [Hz]	50
Power [W]	8
Current [A]	0.05
RPM [min <sup>-1</sup> ]	2100
Air flow [m <sup>3</sup> /h (l/s)]	85 (24)
SFP [W/l/s]	0.34
Sound pressure level [dBA]*	26
Weight [kg]	0.51

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



CE IP44 Zone 1

## Application example

