BAVARIA

WITH DECORATIVE FRONT PANEL

Low noise and low power exhaust axial fan with air flow up to 155 m³/h

Air flow:
up to 155 m³/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 ∅ 100 mm and ∅ 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

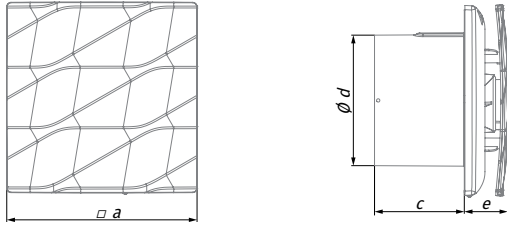| Duct system	Flexible air ducts	Grilles and hoods	Speed controllers	Clamps
BlauPlast	BlauFlex	Decor, GM	CDT E1.8 MCD 60/0.3	K, KZ

BAVARIA

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.
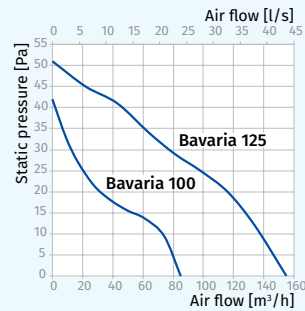- Fixation to the wall or ceiling with screws.

Dimensions [mm]	□ a	c	Ø d	e
Bavaria 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⁻¹]	2000	2000	2200
Air flow [m³/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 $\square$ IP44

Application example