

BAVARIA 100

SILENT & ENERGY SAVING

Low-noise and
low-power extract axial fan
with air flow up to 85 m³/h



Air flow:
85 m³/h
24 l/s



Power:
7.5 W
SFP:
0.31 W/l/s



Noise level:
25 dBA



Features



- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other residential premises.
- 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 air ducts.

Motor

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

Options



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

- Turn-on delay timer**
 - Adjustable delay time from 10 seconds to 2 minutes.
- Turn-off delay timer**
 - Adjustable delay time 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 «S» (option).

Automatic:

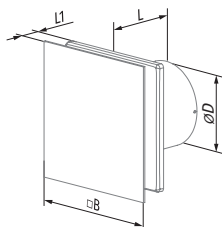
- By the MCD 60/0.3 electronic control unit. The control unit is supplied separately.
- By the timer (option). When the fan is turned on by the external switch, the turn-on delay timer is activated for 10 seconds up to 2 minutes. After the external switch is turned off the fan keeps operating for a set 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 after the turn-on delay timer has completed 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.

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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 flange through a clamp.
- Wall fixing with screws.



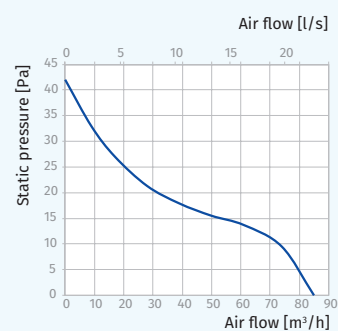
Dimensions [mm]	Ø D	B	L	L1
Bavaria 100	99	160	79	38

Designation key

Bavaria	100	H
Model	Spigot diameter	Option

Technical data

Model	Bavaria 100	Bavaria 100 (220-240V/60Hz)
Voltage [V]		220-240
Frequency [Hz]	50	60
Power [W]		7.5
Current [A]		0.05
RPM [min ⁻¹]		2000
Air flow [m ³ /h] (l/s)		85 (24)
SFP [W/l/s]		0.31
Noise level [dBA]		25
Weight [kg]		0.51



Application example



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