

Bavaria One 100

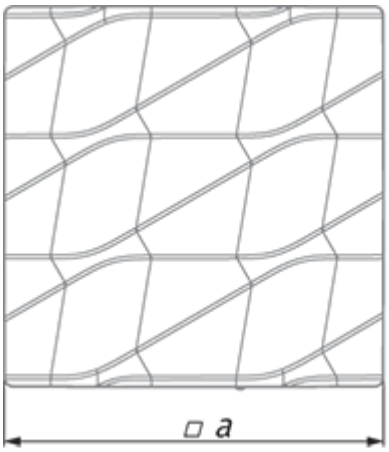
Low noise and low power exhaust axial fan suitable for use in Zone 1

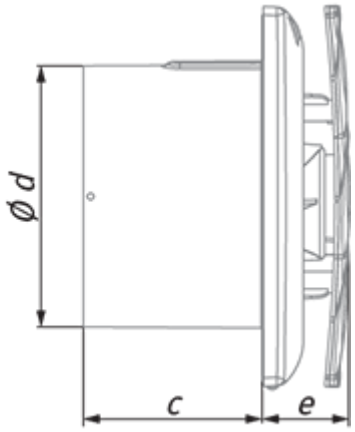
- Sound pressure level LpA at 3 m: 26
- Casing material: Plastic
- Backdraft protection: Backdraft damper

	Unit of measurement	Bavaria One 100
Connected air duct size	mm	100
Maximum supply voltage	V	240
Minimum supply voltage	V	220
Power supply frequency	Hz	50
Rated power	W	8
Unit current	A	0.05
Maximum airflow	m³/h	85
Rotation speed at 50hz	-	2100
Sound pressure level LpA at 3 m	dB(A)	26
Weight	kg	0.51
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IP44 Zone 1
Impeller material	-	Plastic

Dimensions

a	c	Ø d	e
180	79	99	38


a


Ø d
c
e

Ecodesign

Trademark	Blauberg					
Model	Bavaria One 100					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-30.6	B	-14.2	E	-4.8	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	Manual control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	46					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	118		118		118	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	3355		1715		776	

Accessories

Thyristor speed controllers

Name	Photo	Description
CDT E1.8		Thyristor speed controller