



# Bavaria One 100 S

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

- Maximum airflow: 85
- Sound pressure level LpA at 3 m: 26
- Casing material: Plastic
- Backdraft protection: Backdraft damper
- Pull cord

	Unit of measurement	Bavaria One 100 S
Connected air duct size	mm	100
Speed	-	1
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50
Rated power	W	8
Unit current	A	0.05
Maximum airflow	m <sup>3</sup> /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

## Dimensions

a	c	Ø d	e
180	79	99	38



## Ecodesign



Trademark	Blauberg					
Model	Bavaria One 100 S					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /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 (m <sup>3</sup> /h)	85					
Electric power input (W)	8					
Reference flow rate (m <sup>3</sup> /s)	0.017					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.094					
Control typology	Manual control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	46					
Declared typology	RVU UVU					
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
<a href="#">CDT E1.8</a>		Thyristor speed controller