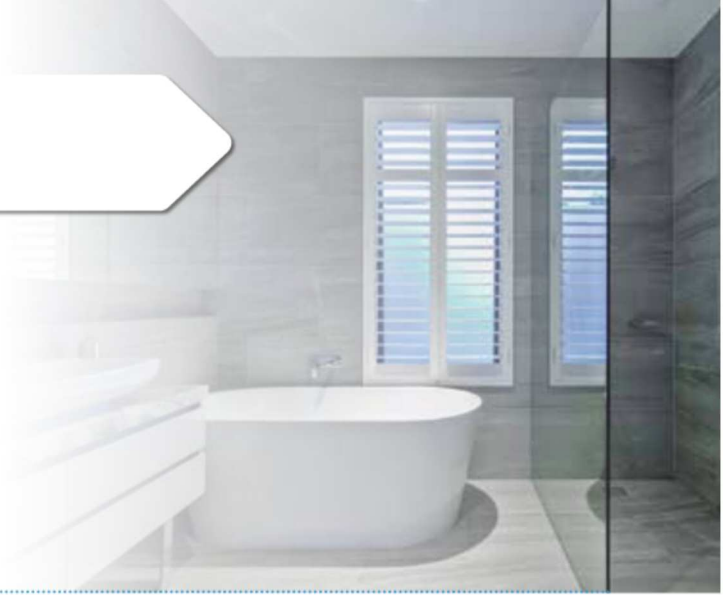


SILENT 100

Whisper Quiet WC & Bathroom Fans



AVAILABLE IN



About

Range of 100mm domestic axial extract fans for wall or ceiling installations, designed to solve ventilation problems in WC's and bathrooms. Fitted with motors mounted on silent elastic blocks, the fans deliver incredibly silent running and exceptional performance with stylish features.

Features & Benefits

- Sealed for life ball bearings
- Silent elastic blocks
- IP45 rated
- SELV version - IP57 rated
- Backdraught shutter and airflow guide vanes as standard
- Available in silver
- Five year guarantee
- Incredibly silent running
- High performance
- Significant energy savings
- Complies with building regulations

Optional Features



Intelligent Timer

In automatic mode, the over-run timer calculates the amount of time to operate, depending on how long the fan has been running for. (Alternatively it can be manually set to 5, 20 or 30 minutes run-on time).



Adjustable Timer

After disconnection, the shut off time can be delayed between 1 and 30 minutes.



Adjustable Humidity Sensor

The level of humidity for the bathroom can be chosen from between 60% and 90% RH. The extract fan will continue to work long enough to reach the selected level.



Pullcord

Supplied with pullcord override.



PIR

Automatically starts up when the fan detects movement at a maximum of 4 metres.



SELV

Specifically designed to work within the safety area, connected to remote ciled transformers supplied as standard (CT-12/14) or with an adjustable timer (CT-12/14H or R).

ORDER CODE	SIL100 S	SIL100 T	SIL100 IT	SIL100 HT	SIL100 PIR	SIL100 SS	SIL100 ST	SIL100 S12V	SIL100 T12V	SIL100 P12V	SIL100 TP12V	SIL100 HTP12V
Pilot Light	•	•	•	•	•			•	•	•	•	•
Airflow Guide Vanes	•	•	•	•	•	•	•	•	•	•	•	•
Sealed For Life Ball Bearings	•	•	•	•	•	•	•	•	•	•	•	•
Silent Elastic Blocks	•	•	•	•	•	•	•	•	•	•	•	•
Backdraught Shutter	•	•	•	•	•	•	•	•	•	•	•	•
Adjustable Timer		•		•			•		•		•	•
Intelligent Timer			•									
Adjustable Humidity Sensor				•								•
PIR					•							
Pullcord										•	•	•
Silver Finish						•	•					

Numerous Quality Features

Fitted with pilot light, backdraught shutter and airflow guide vanes as standard to improve pressure development and performance, the SILENT range is also available with numerous quality features to include optional timer, humidity sensor, SELV and PIR models.



PIR Detectors

Fan starts up automatically when it detects movement at a maximum of 4 metres.



SELV

IP57 rated, connected to a CT-12/14 or H transformer.

Adjustable Timers and Humidity Sensors

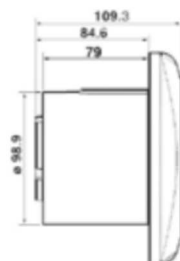
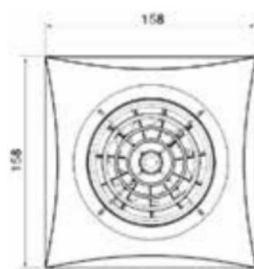
Shut off time can be delayed between 1 and 30 minutes. Humidity levels can be chosen from between 60-90% RH.

Intelligent Timer

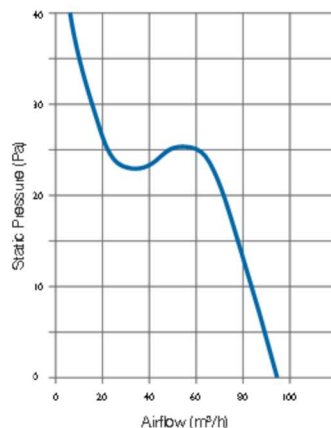
The intelligent timer function tracks the fan over a period of time and then sets the over-run timer according to how long the fan has been operating for. This model can also be installed to an exact over-run set time of 5 minutes, 20 minutes or 30 minutes if required.



Dimensions (mm) ▾



Performance Curve ▾



Performance Data ▾

MODEL	SILENT 100 230V	SILENT 100 12V
Speed (r.p.m.)	2400	2320
Watts (W)	8	13
Voltage (V) 50Hz	230	12
Airflow Vs (m³/h)	26 (66)	26 (66)
dB(A) @ 3m	26.5	26.5
Weight (Kg)	0.57	0.57
IP Rating	IP45	IP57
Ø Duct (mm)	100	100

Technical Specification ▾

Product

The SILENT 100 is an innovative domestic axial extract fan designed to offer a low level of noise supplied in a 230V or SELV (12V) format suitable for small rooms and bathrooms. The fan is fitted with a pilot light, backdraught shutter and airflow guide vanes as standard.

Applications

The SILENT 100 can be wall or ceiling mounted to meet the Building Regulations - Part F (England), Scottish Building Regulations Section 3 and Part K (Northern Ireland). The fan will ventilate domestic small rooms and bathrooms.

Performance

MODEL	SILENT 100 230V	SILENT 100 12V
Speed (r.p.m.)	2400	2320
Watts (W)	8	13
Voltage (V) 50Hz	230	12
Airflow Vs (m³/h)	26 (66)	26 (66)
dB(A) @ 3m	26.5	26.5
Weight (Kg)	0.57	0.57
IP Rating	IP45	IP57
Ø Duct (mm)	100	100

Installation

Full installation guide is enclosed with all products; or sent separately in advance - if required.

Motor

Is a 230V 50Hz or a 12V 50Hz A/C motor, which is assembled on silent elastic blocks and fitted with ball bearings for enhanced working life.

Fan

The impeller is axial flow type.

Servicing / Maintenance

The extract fan only requires periodical cleaning using a cloth impregnated with a soft detergent.

Guarantee

The SILENT 100 is covered by a 5 year warranty.

Compliance

CE

Options & Ancillaries ▾

Description	Code(s)
Standard Wall Kit	1RDERWAK100
Fixed Louvre Grille	1RDGGRILL100
Window Kit	SILWIK100
Window Kit (For double glazing)	WKDG 100

Related Information ▾

Description	Page Number(s)
SILENT Range Introduction	75-78
Domestic Ancillaries	134-139
Wiring Diagrams	155



Scan the QR code to find out more about the product or visit:
envirovent.com/silent100