

# SILENT 100



Whisper Quiet WC & Bathroom Fans



AVAILABLE IN

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

- 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

## Benefits

- Incredibly silent running
- High performance
- Significant energy savings
- Complies with building regulations

## Optional Features



### Intelligent Timer

The over-run timer matches the amount of time that the fan has been on for.

This means that a 7 minute operation will result in a 7 minute over-run and likewise a 27 minute operation will result in a 27 minute over-run.

The fan will track time up to a maximum of 30 minutes. This model can also be installed to an exact over-run set time of 5 minutes, 20 minutes or 30 minutes.



### Adjustable Timer

After disconnection, the shut off time can be delayed between 1 and 30 minutes. This has a factory-set level of 1 minute.



### 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 sited transformers supplied as standard (CT-12/14) or with an adjustable timer (CT-12/14H or R).

ORDER CODE	SIL100S	SIL100T	SIL100IT	SIL100HT	SIL100PIR	SIL100SS	SIL100ST	SIL100S12V	SIL100T12V	SIL100P12V	SIL100TP12V	SIL100HTP12V
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, 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.

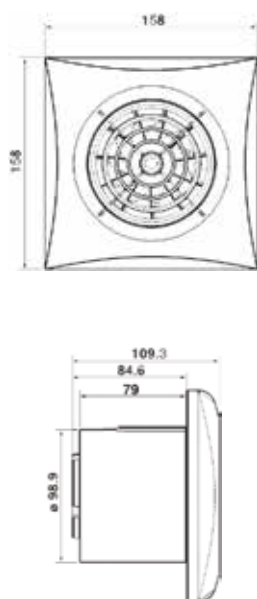
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### Dimensions (mm) ▾



### 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 l/s (m <sup>3</sup> /h)	26 (95)	26 (95)
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.

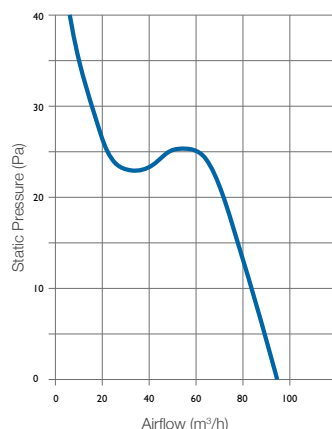
#### Guarantee

The SILENT 100 is covered by a 5 year warranty.

#### Compliance

CE

### Performance Curve ▾



### Performance Data ▾

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### Related Information ▾

Description	Page Number(s)
SILENT Range Introduction	76-77
Domestic Ancillaries	135-140
Wiring Diagrams	154

### Options & Ancillaries ▾

Description	Code(s)
Standard Wall Kit	1RDEFWAK100
Ø100 Flexible Hose Ducting	1RDFLEX100X3M
Fixed Louvre Grille	1RDGRILL100
Window Kit	SILWIK100
Window Kit (For double glazing)	WKDG100