

# SILENT 100

Whisper Quiet WC & Bathroom Fans



Range of 100mm domestic axial extract fans for wall or ceiling installations, designed to solve ventilation problems in utility rooms 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
- Numerous quality features
- 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



### Adjustable Timer

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



### Intelligent Timer

Operates after a 50 second delay. Thereafter the fan operates automatically. The 'run-on' time is adjustable and can be set to 5, 20 or 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.



### PIR

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



### Pullcord

Supplied with pullcord override.



### SELV

(IP57, Class III) specifically designed to work within the safety area, connected to remote sited transformers supplied as standard (CT-12/14) or with adjustable timer (CT-12/14H or R).

ORDER CODE	SIL100S	SIL100T	SIL100IT	SIL100HT	SIL100PIR	SIL100SS	SIL100ST	SIL100S12V	SIL100T12V	SIL100TP12V	SIL100HTP12V
Pilot Light	•	•	•	•	•			•	•	•	•
Airflow Guide Vanes	•	•	•	•	•	•	•	•	•	•	•
Sealed For Life Ball Bearings	•	•	•	•	•	•	•	•	•	•	•
Silent Elastic Blocks	•	•	•	•	•	•	•	•	•	•	•
Backdraught Shutter	•	•	•	•	•	•	•	•	•	•	•
Adjustable Timer		•		•			•		•	•	•
Intelligent Timer - Operates after 50 seconds			•								
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.

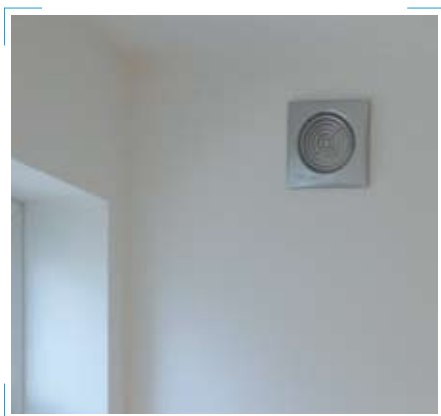


### SELV

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.



## Performance Data

MODEL	Speed (r.p.m.)	Watts (W)	Voltage (V)	Airflow l/s (m <sup>3</sup> /h)	dB(A) @ 3m	Weight (Kg)	IP Rating	Ø Duct (mm)
SILENT 100	2400	8	230	26 (95)	26.5	0.57	IP45	100
SILENT 100 12V	2320	13	12	26 (95)	26.5	0.57	IP57	100

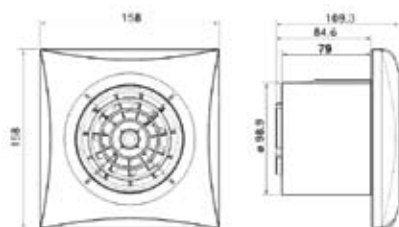
## Options & Ancillaries

	Standard Wall Kit	1RDEFWAK100
	Flexible Hose Ducting Ø100	1RD FLEX 100 X 3M
	Fixed Louvre Grille	1RD GRILL 100

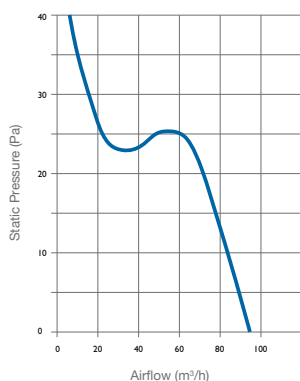
## Related Product Information

SILENT Range Introduction	P 74
Domestic Ancillaries	P 123-128
Wiring Diagrams	P 132

## Dimensions (mm)



## Performance Curve



## Technical Specifications

### 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	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