

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
- 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. 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.



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.



PIR

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



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 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 - 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

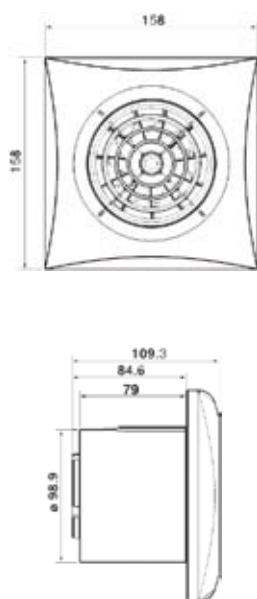
IP57 rated, connected to a CT-12/14, CT-12/14 or H transformer.

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.



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 ³ /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.

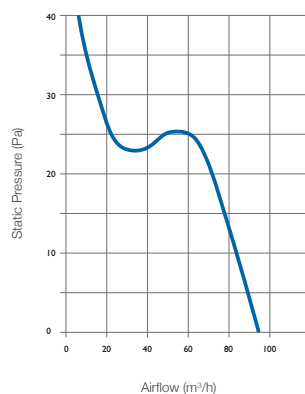
Guarantee

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 | 77 |
| Domestic Ancillaries | 136-141 |
| Wiring Diagrams | 154 |

Options & Ancillaries ▾

| Description | Code(s) |
|----------------------------|---------------|
| Standard Wall Kit | 1RDEFWAK100 |
| Ø100 Flexible Hose Ducting | 1RDFLEX100X3M |
| Fixed Louvre Grille | 1RDGRILL100 |
| Window Kit | SILWIK100 |