

# SILENT 100

Ultra Quiet WC & Bathroom Fans

CAN BE INSTALLED IN  
ZONE 1



## 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.

- 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
- 5 year warranty
- Quiet running
- High performance
- Pullcord option
- Significant energy savings
- Complies with local 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

Connected to remote sited transformers supplied as standard [CT-12/14], [CT-12/14H] or with adjustable timer [CT-12/14R].



## Back draft shutter

To prevent air entry and limit heat leakage when the extractor is not operating. It opens due to the pressure of the air.



| ORDER CODE                    | SIL 100 S | SIL 100 T | SIL 100 IT | SIL 100 HT | SIL 100 PIR | SIL 100 SS | SIL 100 ST | SIL 100 S 12V | SIL 100 T 12V | SIL 100 P 12V | SIL 100 TP 12V | SIL 100 HTP 12V |
|-------------------------------|-----------|-----------|------------|------------|-------------|------------|------------|---------------|---------------|---------------|----------------|-----------------|
| Pilot Light                   | •         | •         | •          | •          | •           |            |            | •             | •             | •             | •              | •               |
| Sealed For Life Ball Bearings | •         | •         | •          | •          | •           | •          | •          | •             | •             | •             | •              | •               |
| Silent Elastic Blocks         | •         | •         | •          | •          | •           | •          | •          | •             | •             | •             | •              | •               |
| Backdraught Shutter           | •         | •         | •          | •          | •           | •          | •          | •             | •             | •             | •              | •               |
| Adjustable Timer              |           | •         |            | •          | •           |            | •          |               | •             |               | •              | •               |
| Intelligent Timer             |           |           | •          |            |             |            |            |               |               |               |                |                 |
| Adjustable Humidity Sensor    |           |           |            | •          |             |            |            |               |               |               |                | •               |
| PIR                           |           |           |            |            | •           |            |            |               |               |               |                |                 |
| Pullcord                      |           |           |            |            |             |            |            |               |               | •             | •              | •               |
| Silver                        |           |           |            |            |             | •          | •          |               |               |               |                |                 |
| SELV                          |           |           |            |            |             |            |            | •             | •             | •             | •              | •               |



#### Did you know?

The presence of moulds within the home is an effect of poor ventilation and increased humidity.



#### Did you know?

58% of people have experienced condensation or mould in their home.



We now offer a NICEIC Domestic Ventilation Training Course at our Centre of Excellence in Harrogate. Call us for more information.

## 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.



## 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.

### Application Suitability

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

### Performance

| MODEL              | Silent 100 230V | Silent 100 12V |
|--------------------|-----------------|----------------|
| Speed (RPM)        | 2400            | 2320           |
| Watts (W)          | 8               | 13             |
| Voltage (V) 50Hz   | 230             | 12             |
| Airflow l/s (m³/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/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 fans only require periodical cleaning using a cloth soaked with a soft detergent.

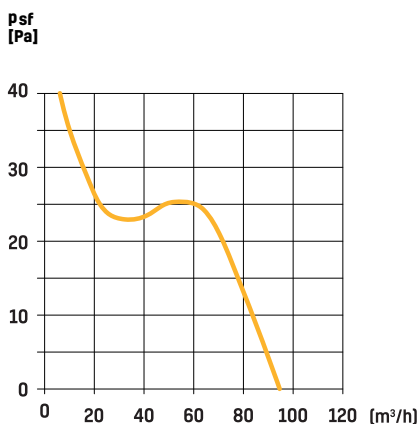
### Warranty

The SILENT 100 is covered by a 5 year warranty.

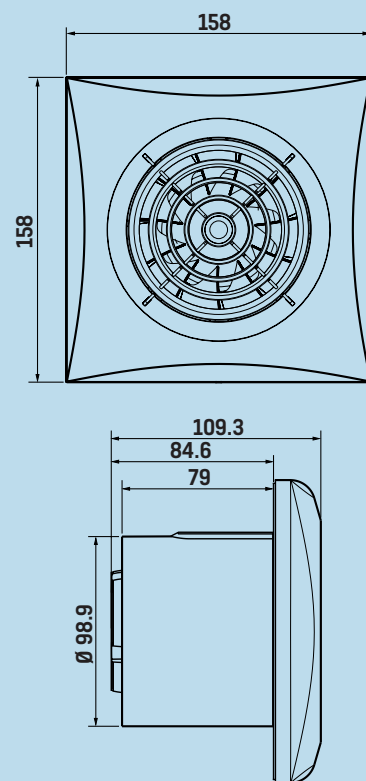
### Compliance

CE Marked.

## Performance Curve

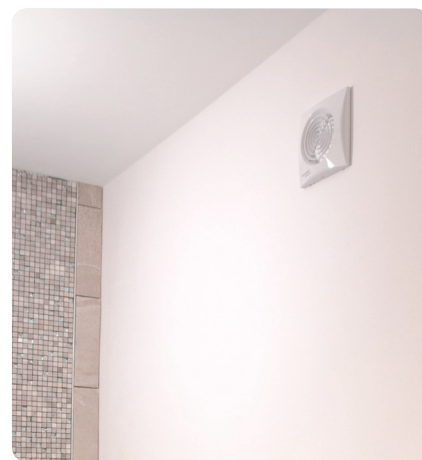


## Dimensions (mm)



## Options & Ancillaries

| DESCRIPTION                     | CODE(S)     |
|---------------------------------|-------------|
| STANDARD WALL KIT               | 1RDEFWAK100 |
| FIXED LOUVRE GRILLE             | 1RDGRILL100 |
| WINDOW KIT                      | SILWIK100   |
| WINDOW KIT (FOR DOUBLE GLAZING) | WKDG100     |



### Did you know?

Scented candles and fragranced products in a sealed up home can cause high levels of formaldehyde which can be carcinogenic.



EnviroVent offers the widest range of BBA approved PIV systems, allowing current building regulations to be met, for Part F England and Wales, Scottish Building Regulations and Part K Northern Ireland.

envirovent