# Lo-Carbon Silhouette 100/SELV

- Models Basic/Timer/Humidity & Timer
- Low power consumption - Lower running costs
- Fully opening and closing non-transparent shutters - Improved insulation and privacy
- Meets current Building Regulations Approved Document F & L
- 1 of 2 speeds selectable at installation
- Blue power indication light (except B model) - Modern aesthetics
- Ball bearing motors for vertical or horizontal application
- Unique humidity sensor track - Improved response
- 5 year motor warranty
- IPX4 rated - IPX7 rated (SELV)
- Suitable for wall, ceiling, panel and window mounting

## Slimline Bathroom Ventilation

With a slim profile of only 17mm, Lo-Carbon Silhouette blends in with the wall surface to provide an unobtrusive installation. Lo-Carbon Silhouette has an FID performance of up to 30l/s. It can be ceiling/panel mounted and connected to an appropriate duct run to the outside.

## Safety Extra Low Voltage (SELV) Fan

Safety Extra Low Voltage (SELV) is designed for areas where a fan has to be fitted within zone 1 in a room containing a fixed bath or shower according to IEE wiring regulations. The Silhouette SELV can be safely installed within the spray area. The fan is rated IPX7, control is by the supplied mains safety isolating transformer with 12V DC SELV output, which is sited away from any source of spray and out of reach of a person using a fixed bath or shower. SELV transformer to BS EN 60742.

## Models

**Lo-Carbon Silhouette 100B/SELV 100SVB**

100mm bathroom/toilet fan with back draught shutter.

| Model | Stock Ref |
|---|---|
| 100B | 441624 |
| SELV 100SVB | 441511A |

**Lo-Carbon Silhouette 100T/ SELV 100SVT (Timer)**

100mm bathroom/toilet fan with integral adjustable electronic overrun timer (5-30 minutes), indicator light which operates on manual override only, and back draught shutter.

| Model | Stock Ref |
|---|---|
| 100T | 441625 |
| SELV 100SVT | 441512A |

**Lo-Carbon Silhouette 100HT (Humidistat/Timer)**

100mm bathroom/toilet fan with adjustable auto humidity sensor from 60-90% RH and overrun timer, indicator light which operates on manual override only, and back draught shutter.

| Model | Stock Ref |
|---|---|
| 100HT | 441626 |

**Lo-Carbon Silhouette 100H SELV (Humidistat)**

100mm bathroom/toilet fan with ambient response humidity sensor from 60-90% RH, indicator light which operates on manual override only, and back draught shutter.

Safety Extra Low Voltage version.

| Model | Stock Ref |
|---|---|
| SELV 100SVH | 441513A |

## Accessories

**Wall Kit**

Fixing hole diameter 117mmØ

| Model | Stock Ref |
|---|---|
| Wall Kit White | 254102 |
| Wall Kit Brown | 254100 |

**Window Kit**

Fixing hole diameter 117mmØ

| Model | Stock Ref |
|---|---|
| Window Kit | 442947 |

17mm actual profile

# Dimensions (mm)

Panel
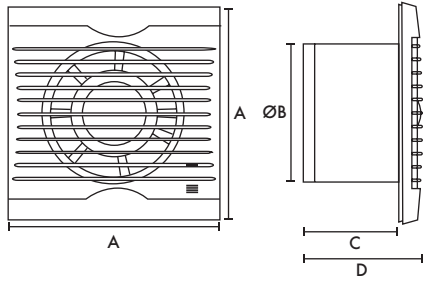


Wall Kit
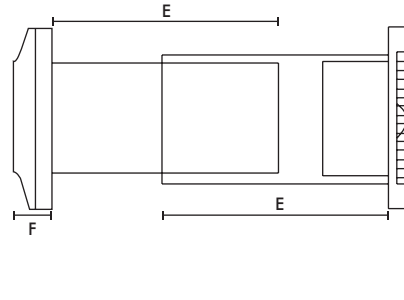


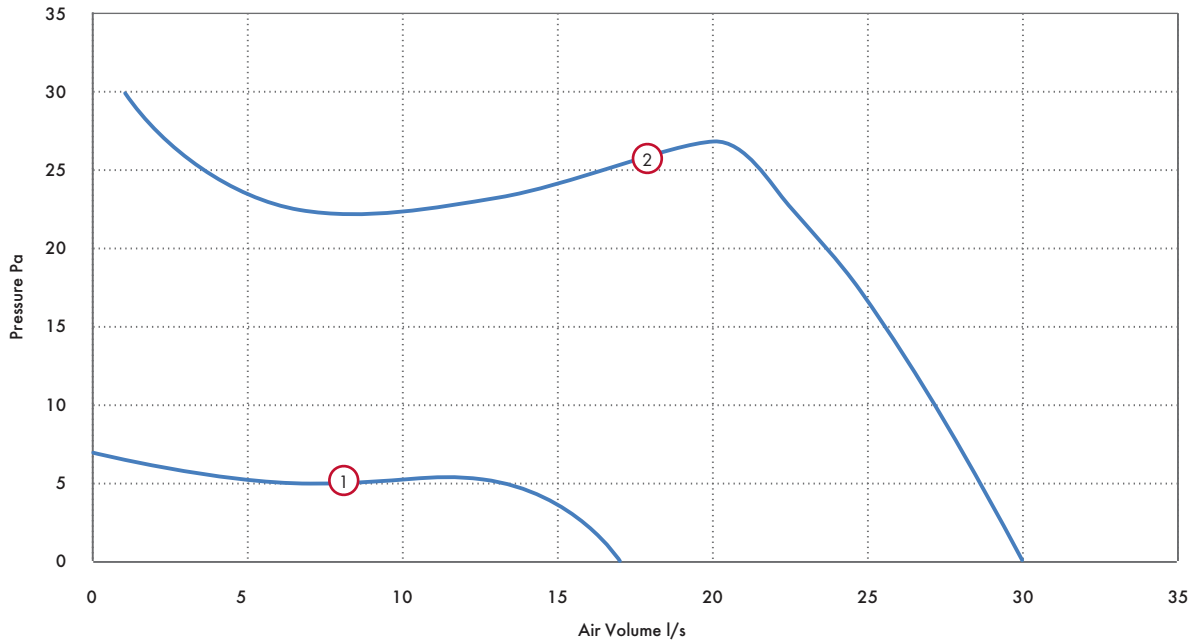| A | BØ | C | D | E | F |
|---|---|---|---|---|---|
| 160 | 99 | 115 | 132 | 200 | 32 |

SELV Transformer (W X H X D) 87 X 87 X 33

Weight 0.6kg

# Performance Guide



| Area | Model | Curve Ref | Extract Performance - FID | | | Sound dB(A) | SFP (W/l/s) |
|---|---|---|---|---|---|---|---|
| | | | m³/h | l/s | Watts | @ 3m | @ 0Pa |
| Toilet | Lo-Carbon Silhouette 100 B/T/HT/SVB/SVT/SVH | 1 | 60 | 17 | 3.4 | 34 | 0.20 |
| Bathrooms | | 2 | 108 | 30 | 8.7 | 38 | 0.30 |

For window mounting: shutter cannot be used and must be removed

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