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 441511

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 441512

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

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

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 441513
### Dimensions (mm)

<table>
<thead>
<tr>
<th>A</th>
<th>ØB</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>99</td>
<td>115</td>
<td>132</td>
<td>200</td>
<td>32</td>
</tr>
</tbody>
</table>

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

Weight 0.6kg

### Performance Guide

![Performance Graph](image)

**Extract Performance - FID**

<table>
<thead>
<tr>
<th>Area</th>
<th>Model</th>
<th>Curve Ref</th>
<th>m³/h</th>
<th>l/s</th>
<th>Watts @ 3m</th>
<th>SFP (W/l/s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toilet</td>
<td>Lo-Carbon Silhouette 100 b/T/HT/SVB/SVT/SVH</td>
<td>1</td>
<td>60</td>
<td>17</td>
<td>3.4</td>
<td>0.20</td>
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<tr>
<td>Bathrooms</td>
<td></td>
<td>2</td>
<td>108</td>
<td>30</td>
<td>8.7</td>
<td>0.30</td>
</tr>
</tbody>
</table>

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

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**Vent-Axia**