Solo® SELV
Centrifugal Bathroom/Toilet Fans

Features & Benefits
- Suitable for installation over or within reach of a shower or bath
- Built-in washable filter feature
- Meets current Approved Building Regulations Document F
- IPX7 rated
- Transformer complies with BS EN 60742
- Suitable for wall, ceiling, panel and window mounting

Safety Extra Low Voltage
The Solo Safety Extra Low Voltage (SELV) 12 range has been developed specifically for complete safety in the "splash zone" of a bathroom and shower room for those rooms, usually internal, that need to have the exhaust air ducted some distance to an external discharge point. A single inlet impeller has been designed for maximum performance and minimum noise levels. The grille ensures efficient air management and incorporates a filter that can be removed for cleaning without dismantling the fan.

Suitable for wall, panel and ceiling installations and windows up to 25mm thick. For high rise or coastal applications, install through the wall with a Vent Cowl (Stock Ref No. 561403). With a powerful SELV motor and proven high efficiency centrifugal impeller, Solo SELV 12 can be used with 100mm diameter smooth bore duct in straight runs equal to 50m, yet still meets the 54m³/h (15 l/s) required by the current Building Regulations Approved Document F for ventilation of bathrooms.

To meet IEE Regulations, timer models should be isolated using a 3 pole isolator.

Stock Ref 563518

Models
Solo SELV 12
SELV fan with airflow shutter and washable filter. Mains transformer with 12V SELV output.

Stock Ref 11108000

Solo SELV T 12
(Timer)
SELV fan with airflow shutter and washable filter. Mains transformer with 12V SELV output with presettable overrun timer (5-30 minutes).

Stock Ref 11108030

Solo SELV HP 12
(Humidity)
SELV fan with airflow shutter and washable filter. Controller. Mains transformer with 12V SELV output with pullcord override included.

Stock Ref 11108040

Accessories
Wall Kit
Stock Ref 254102 (White)
254100 (Brown)

Window Kit
Stock Ref 11461685

Electrical
Rear 20mm conduit entry for recessed wiring and side entry grommet for surface wiring.

Supply voltage to transformer/controller 220-240V/1/50Hz. Output to fan 12V SELV/1/50Hz.

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Performance

<table>
<thead>
<tr>
<th>Model</th>
<th>m³/h</th>
<th>l/s</th>
<th>Watts @ 3m</th>
<th>Amps @ 240V</th>
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<tr>
<td>Solo SELV12/T/HP</td>
<td>85</td>
<td>24</td>
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Dimensions (mm)

<table>
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<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>DØ</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<td>98</td>
<td>85</td>
<td>55</td>
<td>60</td>
<td>195</td>
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</tbody>
</table>

Transformer (W x H x D) 175 x 90 x 85

Weight 1.35kg

Wall
Front view

Side view

Duct hole diameter 115mmØ.

Window

Window fixing hole Ø113mm

Performance

Extract Performance Max dB(A) Amps @

Model m³/h l/s Watts @ 3m 240V
Solo SELV12/T/HP 85 24 39 42 0.26