

# 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. Solo SELV 12 can also be used with flat ducting for shorter concealed runs.

The safety isolating transformer, to BS EN 60742, is mounted in a purpose made enclosure. The enclosure can be wall mounted or sited in the loft. The enclosure will accept mini trunking.

### 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.

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**

### Dimensions (mm)

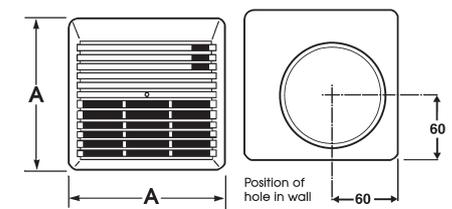
A	B	C	DØ	E	F	G	H
155	140	36	98	85	55	60	195

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

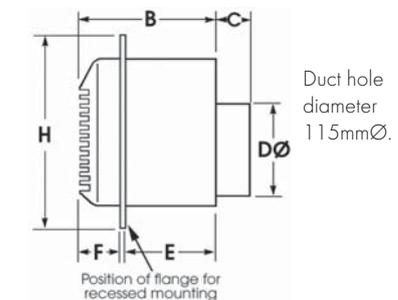
Weight 1.35kg

### Wall

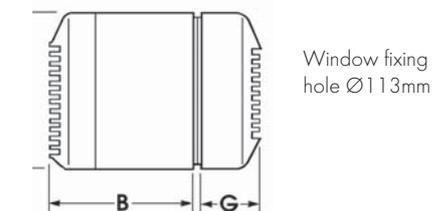
Front view



Side view



### Window



### Performance

Model	Extract Performance Max				Amps @ 240V
	m³/h	l/s	Watts @ 3m	dB(A)	
Solo SELV12/T/HP	85	24	39	42	0.26