

# EL100

## ELITE BATHROOM RANGE – AXIAL FLOW FAN

### FEATURES

High quality electronically operated shutters for quiet, draught-proof operation

Window, wall, ceiling or panel mounting (with up to 2.5m of 100mm ducting)

Designed with top or back cable entry and non crush spigots for secure and simple installation.

Separate back plate making initial and future decoration easier

Built-in electrical isolation

Compact, modern styling with easy fix, wipe clean clip-on grille

SELV (safety extra low voltage 12V) options provided through remote transformer with switch line control

Suitable for low rise application

4 model options to suit all applications and user requirements

### CONTROLS

- **EL100PIR**  
Single speed with integral PIR sensor.
- **EL100HTR**  
Single speed. Humidistat & overrun timer. Remote operation.
- **EL100SVHTR**  
SELV single speed. Humidistat/timer.
- **EL100SVTR**  
SELV single speed. Overrun timer. Remote operation.
- Basic, timer and delay timer options available (pages 38–39).

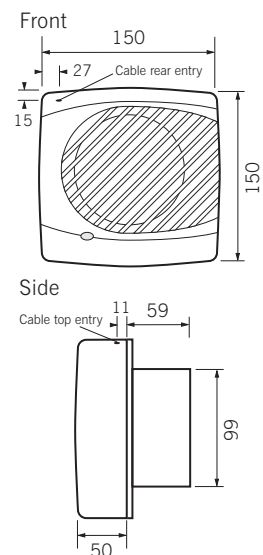
### PHYSICAL SPECIFICATION

#### Weight:

EL100PIR	0.685kg
EL100HTR	0.690kg
EL100SVHTR	1.415kg
EL100SVTR	1.402kg

**EL100 Material:** White gloss finish ABS plastic.

**Material SELV Controller:** Satin finish white ABS plastic.



## BUILDING REGULATIONS

COMPLIES WITH THE REQUIREMENTS OF MECHANICAL EXTRACT VENTILATION FOR BATHROOMS.

ALL PRODUCTS ARE TESTED AND CERTIFIED TO CURRENT BRITISH AND EUROPEAN STANDARDS AND INFORMATION IS AVAILABLE ON REQUEST.

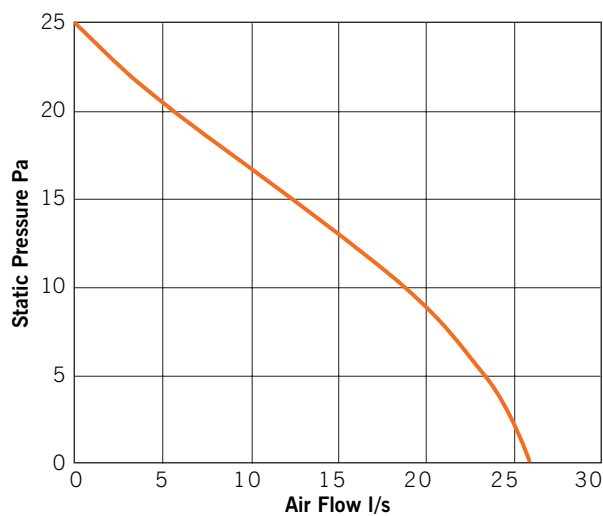
BACKGROUND VENTILATORS FOR REPLACEMENT AIR ARE REQUIRED UNDER **ADF 2006**. DETAILS OF GREENWOOD TRICKLE VENTILATORS ARE AVAILABLE ON PAGES 56–57.

FULL RANGE AVAILABLE ON REQUEST.

- IP24 rated
- IP57 rated (SELV)
- CE marked
- 2 year guarantee
- Complies to:  
Low Voltage Directive  
EMC Compatibility Directive

## PERFORMANCE

Model	Performance to BS 848 Pt1 in free air		Sound Pressure level @ 3m dB(A)
	m <sup>3</sup> .h <sup>-1</sup>	l.s <sup>-1</sup>	
EL100PIR	96	26	38
EL100HTR	96	26	38
EL100SVHTR	78	21	30
EL100SVTR	78	21	30



EL100PIR/EL100HTR —

**SELV:** To maintain the fans performance within 2% of the published figure, the following lengths of cable between the fan and transformer should not be exceeded:–

Conductor size (area <sup>2</sup> )	Max. cable length
0.50	1.5m
0.75	2.3m
1.00	3.0m
1.50	4.5m

**Electrical Specification:** 230V~50Hz Class II

**Consumption:** 16W (230V)  
20W (SELV)

## INSTALLATION

**Wiring:** Must comply with IEE Regulations, see wiring diagrams on pages 136–137.

**Installation:** Diagrams, see pages 134–135.

**Cable:** 1mm<sup>2</sup> max.

**Fuse:** 3 amp (when fan is supplied from a 5A lighting circuit, no local fuse is required).

**Glazing hole:** Ø118mm.

## ANCILLARIES

**EW100**

Window fixing kit (4–28mm glazing). Comprises external louvred grille and window spacer (page 170).

**ED1**

Easyfix 100mm ducting plastic wall liner with integral screw-fixing channels (page 171).

**FF100**

Fast fix wall duct system. Comprises 100mm PVC duct with external wall duct seal and external grille (page 171).

**Flexiduct**

Flexible 100mm PVC and aluminium ducting (page 173).

**EG1**

Complementary fixed blade louvred grille in semi-matt ABS plastic. White or brown grille (page 177).

**LRB**

Wall baffle for low rise and sheltered sites. Available in various colours (page 176).

**GG42**

External louvred wall vent available in white or brown (page 166).

