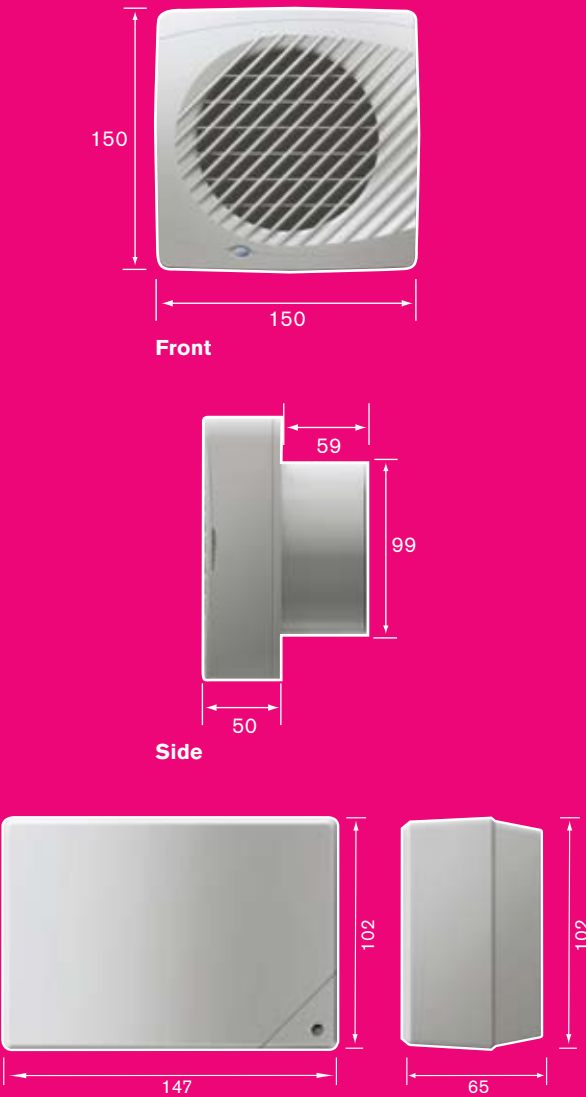


EL100

Axial flow fan

Physical specification

All measurements in millimetres.



Transformer

- Weight:**
- EL100 0.60 kg
 - EL100PC 0.68 kg
 - EL100TR 0.69 kg
 - EL100HTR 0.69 kg
 - EL100SVHTR 1.415 kg
 - EL100SVTR 1.402 kg
- Materials:** White gloss finish ABS plastic. SELV controller in satin finish white ABS plastic.

Features

- 100mm axial flow fan
- Suitable for wall, window and ceiling installations up to 2.5m of 100mm ducting
- Various control options including SELV (safety extra low voltage)
- High quality electronically operated shutter design
- Top and back cable entry for simple installation
- Clever 'non crush' spigot design
- Modern styling for discreet finish

Controls

Model	Operation	IP	Voltage
EL100	Single speed.	24	230
EL100PC	Single speed with pull cord.	24	230
EL100TR	Single speed with overrun timer. Remote operation.	24	230
EL100HTR	Single speed with humidistat & timer. Remote operation.	24	230
EL100SVHTR	SELV single speed with humidistat & timer. Remote operation.	57	12
EL100SVTR	SELV single speed with overrun timer. Remote operation.	57	12

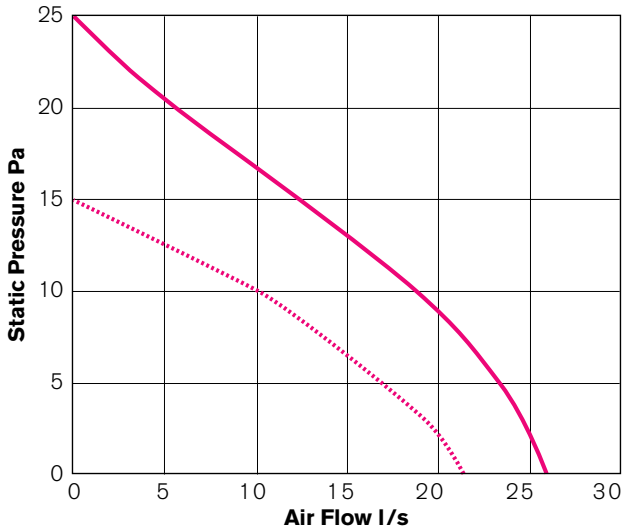
Full details of control options on page 060.

Installation

- Wiring:** Must comply with IEE Regulations, see wiring diagrams on page 059.
- Installation:** Diagrams, see page 058.
- Cable:** 1mm² Ø max.
- Fuse:** 3 amp normally required (when fan is supplied from a 6A lighting circuit no local fuse is required).
- Glazing hole:** Ø118mm 4-28mm glazing.

Performance

Model	Performance to BS 848 Pt1 in free air		Sound Pressure level @ 3m
	m ³ .h ⁻¹	l.s ⁻¹	dB(A)
EL100	96	26	38
EL100PC	96	26	38
EL100TR	96	26	38
EL100HTR	96	26	38
EL100SVTR	78	21	30
EL100SVHTR	78	21	30

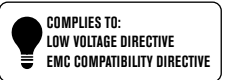


EL100/EL100PC/EL100TR/EL100HTR —
EL100SVTR/EL100SVHTR
Electrical Specification: 230V~50Hz Class II
Consumption: 17W – EL100 and EL100PC
18W – EL100TR and EL100HTR
16W – SELV options

SELV: To maintain the fan's performance within 2% of the published figure, the following lengths of cable between the fan and transformer should not exceed:

Conductor Size (Area ²)	Max. Cable Length
0.50	1.5m
0.75	2.3m
1.00	3.0m
1.50	4.5m

Specification



Elite: Bathrooms

Ancillaries

- EW100** Window fixing kit (4–28mm glazing). Comprises external louvred grille and window spacer (page 146).
- ED1** Easyfix 100mm ducting plastic wall liner with integral screw-fixing channels (page 145).
- FF100** Fast fix wall duct system. Comprises 100mm PVC duct, external wall duct seal and external grille, choice of white or brown grille (page 144).
- Flexiduct** Flexible 100mm PVC and aluminium ducting (page 146).
- EG1** Complementary fixed blade louvred grille in semi-matt ABS plastic. White or brown grille (page 148).
- LRB** Wall baffle for low rise and sheltered sites. Available in various colours (page 148).
- GG42** External louvred grille available in white or brown (page 140).