

Lo-Carbon VA100®/SELV

Axial Bathroom/Toilet Fans

Features & Benefits

- Meets current Building Regulations Approved Document F & L
- Suitable for wall, ceiling, panel and window mounting
- Fitted with a motorised shutter
- 5 Year Motor Guarantee
- Protected against low energy lighting circuits
- Reduces your carbon footprint
- IPX4 rated - IPX7 rated (SELV)
- Efficient long life DC motor
- Uses up to 87% less energy
- Low sound levels
- 1 of 2 speeds selectable at installation
- Low specific fan power
- SELV Models - Supplied with a remote transformer
- Datalogger as standard on all models

Long Life Ventilation VA100

The improved Vent-Axia Lo-Carbon VA100 range features Lo-Carbon long life DC motors that are more efficient than conventional motors whilst delivering up to 87% energy savings.

Shutters

The Vent-Axia Lo-Carbon VA100 range is fitted with a motorised shutter mechanism that uses no extra power in operation or off.

Installation

Fitted with integral protection against low energy lighting circuits, the VA100 is a 100mm axial fan suitable for use in the bathroom or toilet. VA100 is a quick and simple to fit product with easy-wire on one line terminals. Suitable for installation in window, walls or panels/ceilings at any angle using kits available. The 100mm telescopic wall kit fit walls 225 to 360mm thick.

The range meets the requirements of the current Building Regulations for the ventilation of toilets 6l/s and bathrooms 15l/s with a 15 minute overrun timer for internal rooms on the LT, XT and HTP models.

Models

Lo-Carbon VA100/SELV LP (Pullcord)

Ultra long life DC motor. Pullcord On/Off override switch with indication light. 2 speed options.

Model	Stock Ref
LP	443159
SELV LP	441614

Lo-Carbon VA100 XP/SELV (Shutter/Pullcord)

Ultra long life DC motor. Pullcord and On/Off override switch with indication light. 2 speed options.

Model	Stock Ref
XP	443160
SELV XP	459049

Lo-Carbon VA100/SELV LT (Timer)

Electronic adjustable overrun timer (5-30 minutes). Indication light. 2 speed options.

Model	Stock Ref
LT	443161
SELV LT	441615

Lo-Carbon VA100/SELV XT (Shutter/Timer)

Integral electronic adjustable overrun timer (5-30 minutes). Indication light. 2 speed options.

Model	Stock Ref
XT	443162
SELV XT	459050

Lo-Carbon VA100/SELV LHTP (Integral Humidity Sensor/Pullcord)

Complete with integral humidity control with pullcord override. Indication light which operates on the manual override only. 2 speed options.

Model	Stock Ref
LHTP	443163
SELV LHTP	441616

Lo-Carbon VA100/SELV XHTP (Shutter/Integral Humidity Sensor/Pullcord)

Complete with integral humidity control with pullcord override. Indication light which operates on the manual override only. IPX4 rated. 2 speed options.

Model	Stock Ref
XHTP	443164
SELV XHTP	436064

Wall Kit

Fixing hole diameter 105mmØ

Stock Ref
254102 (White)
254100 (Brown)

Window Kit

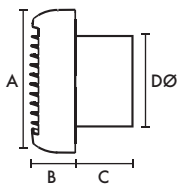
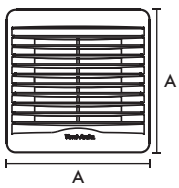
Fixing hole diameter 117mmØ

Stock Ref
254101

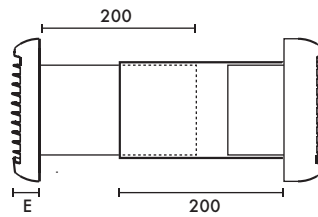


Dimensions (mm)

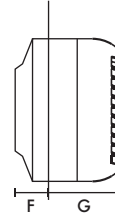
PANEL



WALL



WINDOW



	A	B	C	DØ	E	F	G
Bathroom/Toilet	155	47	63	98	31	32	76
SELV Transformer (W x H x D) 87 x 87 x 33							
Weight 1kg							

Performance

Area	Models	Extract Performance - FID			Sound dB(A)	SFP
		m³/h	l/s	Watts	@ 3m	@ 0Pa
Toilet	Lo-Carbon VA100/SELV LP/XP/LHTP/XHTP/LT/XT	60	17	3.4	32	0.20
Bathrooms	Lo-Carbon VA100/SELV LP/XP/LHTP/XHTP/LT/XT	74	21	6.1	36	0.90