

Lo-Carbon VA100®/SELV

Axial Bathroom/Toilet Fans

Features & Benefits

- Suitable for wall, ceiling, panel and window mounting.
- Fitted with a motorised shutter
- Meets current building regulations when installed.
- 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 range of Vent-Axia Lo-Carbon VA100 features Lo-Carbon long life DC motors that are more efficient than conventional motors whilst delivering up to 87% energy savings.

Shutters

Vent-Axia Lo-Carbon VA100 range are fitted with motorised shutter mechanism that uses no extra power in operation or running.

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 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 i.e. 6 l/s, bathrooms 15 l/s with a 15 minute overrun timer for internal rooms on the LT and XT versions.

Models

Lo-Carbon VA100/SELV LP (Pullcord)

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

Model	Stock Ref
LP	443159
SELV LP	441614A

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

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

Model	Stock Ref
XP	443160
SELV XP	459049A

Lo-Carbon VA100/SELV LT (Timer)

Electronic adjustable overrun timer (5-25 minutes) Neon indication. 2 speed options.

Model	Stock Ref
LT	443161
SELV LT	441615A

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

Integral electronic adjustable overrun timer (5-25 minutes). Neon Indication. 2 speed options.

Model	Stock Ref
XT	443162
SELV XT	459050A

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

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

Model	Stock Ref
LHTP	443163
SELV LHTP	441616A

Lo-Carbon VA100/SELV XHTP

(Shutter/Integral Humidity Sensor/Pullcord)
Complete with integral humidity control with pullcord override. Neon which operates on the manual override only.

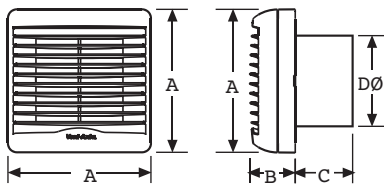
IPX4 rated. 2 speed options.

Model	Stock Ref
XHTP	443164
SELV XHTP	436064A



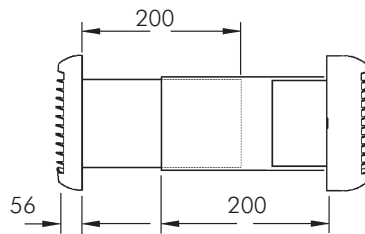
Dimensions (mm)

Panel



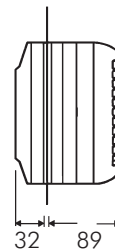
Fixing hole diameter 105mmØ

Wall



Fixing hole diameter 117mmØ

Window



	A	B	C	DØ
Bathroom/Toilet	155	44	68	98
SELV Transformer (W x H x D)	87 x 87 x 33			
Weight	1 kg			

For wall/window fitting kit refer to Ducting Section

Performance

Area	Model	Extract Performance - FID			Sound dB(A)	SFP
		m³/h	l/s	Watts	@ 3m	@ 0Pa
TOILET/ BATHROOMS	Lo-Carbon VA100/SELV LP/XP	60	17	3.4	26	0.20
	Lo-Carbon VA100/SELV LT/XT	60	17	3.4	26	0.20
	Lo-Carbon VA100/SELV LP/XP	91	25	6.5	32	0.26
	Lo-Carbon VA100/SELV LT/XT	91	25	6.5	32	0.26
	Lo-Carbon VA100/SELV LHTP/XHTP	91	25	6.5	32	0.26