

VA100 RANGE



Axial Extract Fans



FAQ's Answered

- All models are suitable for wall or ceiling installation.
- Suitable for duct length up to 3m.
- Built-in electrically operated shutter.
- Wall and window kits available.
- Available with integral timer or humidistat.

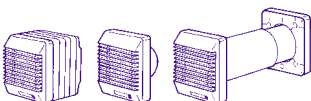
Provides the necessary 15 l/s (54m³/h) to comply with Building Regulation (Document F) requirements for average domestic bathrooms and WC's.

Panel, Window or Wall mounting.

Model options with shutter, timer and auto humidity control.

Available with instant electric shutter.

Sensors and auto mode controllers save energy by switching the ventilation units on only when needed and when the room is occupied.



The VA100 range from Vent-Axia is designed for domestic bathrooms and WC's. Available as window, wall or panel mounted models. A range of fans with options of shutter, timer or humidity controlled versions. The VA100 **meets and exceeds the Building Regulation (Document F) requirements** of 15 l/s for domestic bathrooms with integral WC's. Designed in a clean white finish. Suitable for ambient temperatures up to +40°C fitted with ball bearing motors. IPX4 Rated.

VA100 MODELS

VA100L - Bathroom extract fan.
BEAB Approved.
Stock Ref. No. 25 11 10

VA100LT (Timer) - Bathroom and WC fan with adjustable electronic overrun timer and neon light. BEAB Approved.
Stock Ref. No. 25 12 10

VA100X (Shutter) - Bathroom fan with thermo-electric shutter, pullcord and neon light. BEAB Approved.
Stock Ref. No. 25 13 10

VA100XT (Timer/Shutter) - Bathroom fan with adjustable electronic overrun timer, thermo-electric shutter and neon light. BEAB Approved.
Stock Ref. No. 25 14 10

VA100LH (Humidity) - Bathroom fan with presettable integral auto humidity control, neon running light and pullcord. BEAB Approved.
Stock Ref. No. 25 16 10

VA100XH (Shutter/Humidity) - Bathroom fan with presettable integral auto humidity control, thermo-electric shutter, neon running light and pullcord. BEAB Approved.
Stock Ref. No. 25 17 10

VA100XHT (Shutter/Humidity/Timer) - Bathroom fan with presettable integral auto humidity control and adjustable electronic overrun timer, thermo-electric shutter and neon light.
Stock Ref. No. 25 15 10

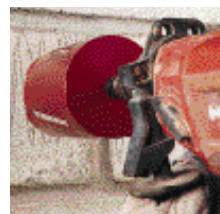
VA100WCX (Shutter) - WC extract fan with thermo-electric shutter, pullcord and neon light. BEAB Approved.
Stock Ref. No. 25 18 10

VA100WCXT (Shutter/Timer) - With adjustable electronic overrun timer, thermoelectric shutter and neon light. BEAB Approved.
Stock Ref. No. 25 19 10

TIMER

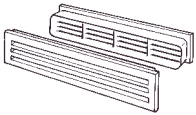
VA100 models are fitted with an electronic timer which provides the necessary 15 minute overrun time **to comply with Building Regulation (Document F) requirements** for internal WC ventilation. Adjustable from 3-20 minutes.

To meet IEE Regulations, timer models should be isolated using a 3 pole isolator.
Stock Ref. No. 56 35 18



115mm hole is drilled with a core cutter then the telescopic wall liner is fitted using a wall fitting kit.

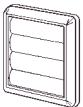
ACCESSORIES



Air replacement grille set
Ivory Stock Ref. No. 56 14 01
Brown Stock Ref. No. 56 14 00



Quick fix 100mm Wall Grille.
White Stock Ref. No. 56 35 21
Brown Stock Ref. No. 56 35 41

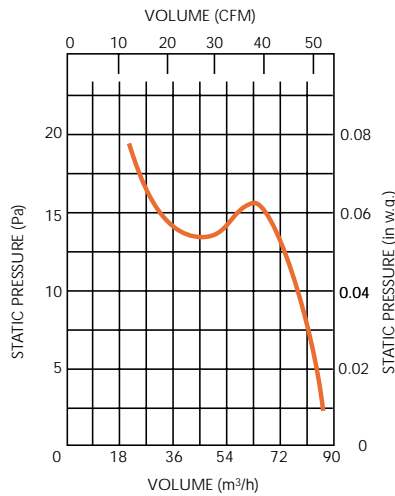


Quick fix 100mm Airflow Shutter.
White Stock Ref. No. 56 35 22
Brown Stock Ref. No. 56 35 42



PERFORMANCE

(Panel Model)

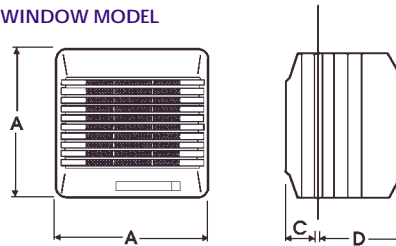


DIMENSIONS

	A	B	C	D	D	F	H
mm	155	32	87	55	44	200	100

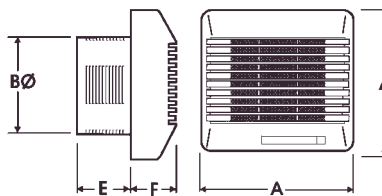
Weight 0.55 kg

WINDOW MODEL



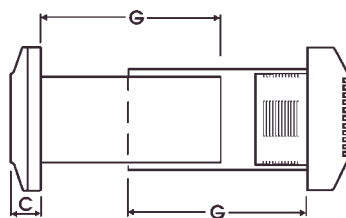
Fixing hole diameter 105mmØ

PANEL MODEL



Fixing hole diameter 105mmØ

WALL MODEL



Fixing hole diameter 115mmØ when wall kit is used

TYPICAL SPECIFICATION

Supply and install a VA100 mains axial fan suitable for mounting in panels, walls or windows, with thermally operated backdraught shutter (X, XT, XH and XHT models only), removable grille and fan running light as manufactured by Vent-Axia Ltd, Fleming Way, Crawley, West Sussex, RH10 2NN Telephone: 01293 526062.

The fan performance should meet the Building Regulation (Document F) requirements of 15 litres a second for bathrooms and 6 l/s for toilets, (15 minute timer overrun model for internal WC's).

The fan should have a ball bearing motor for installation at any angle. The motor should be insulated to Class B.

The fan should be BEAB approved.

Operation

- VA100L - via light switch
- VA100X - via light switch
- VA100LT - via light switch with timer overrun facility
- VA100XT - via light switch with timer overrun facility
- VA100LH - via light switch with integral humidity sensor and pullcord fan override
- VA100XH - via light switch with integral humidity sensor and pullcord fan override
- VA100HT - via integral humidity sensor/timer overrun facility.

For wiring diagrams see page 168.

Manufacturers of some fluorescent/low energy lighting systems indicate that these can interfere with other electronic/timing circuits. For reliable operation of these circuits we recommend therefore that a tungsten filament light is used.

Type	Stock Ref. No. Panel Model	Window Kit	White Grille Wall Kit	Brown Grille Wall Kit	Extract performance (panel model) m³/h	l/s	Watts	dB(A) @ 3m	Shutter
VA100L	25 11 10	25 41 01	25 41 02	25 41 00	90	25	15	32	
VA100LT	25 12 10	25 41 01	25 41 02	25 41 00	90	25	15	32	
VA100X	25 13 10	25 41 01	25 41 02	25 41 00	90	25	20	32	Thermo
VA100XT	25 14 10	25 41 01	25 41 02	25 41 00	90	25	21	32	Thermo
VA100LH	25 16 10	25 41 01	25 41 02	25 41 00	90	25	16	32	
VA100XH	25 17 10	25 41 01	25 41 02	25 41 00	90	25	21	32	Thermo
VA100XHT	25 15 10	25 41 01	25 41 02	25 41 00	90	25	21	32	Thermo
VA100WCX	25 18 10	25 41 01	25 41 02	25 41 00	70	19	18	30	Thermo
VA100WCXT	25 19 10	25 41 01	25 41 02	25 41 00	70	19	19	30	Thermo