

Standard Range

Window Models



Features and Benefits

- > Extract/intake model in 4 sizes: Size 6, 7, 9 and 12.
- > IPX4 rated.
- > Colour: Ivory.
- > Available with or without shutter, controller available.
- > Manufactured in weather-resistant polymeric materials.
- > For the best performance from your fan use a Rangemaster controller.
- > DEMKO Approved.

Classic Retro-Styled Ventilation

This ever popular range of extract/intake ventilating units continues to satisfy the most demanding requirements for efficient ventilation. The Vent-Axia Standard Range unit is supplied without a shutter. The shutter is available as an accessory, which can be easily fitted within the unit.

Standard Range Window fans are suitable for most forms of glazing or can be wall mounted in a Vent-Axia fixing plate. Vent-Axia's patented spigot and ring method of fixing ensures easy installation and weather proof joint. The simple integrated component design makes installation and servicing easy.

Motor

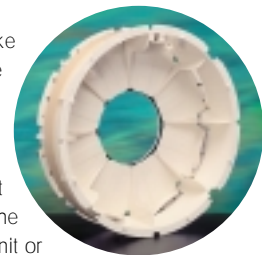
Purpose designed enclosed motor. Suitable for running at any angle. Quiet running, enclosed.

Supply voltage 220-240V/1/50 Hz. Suitable for operation in ambient temperatures from -40° to +50°C. Fitted with Standard Thermal Overload Protection (S.T.O.P.).

Shutter

Type SD/R

This extract/intake shutter fits inside the Vent-Axia unit and closes against unwanted backdraughts. It can be fitted at the same time as the unit or at a later date if required.



Airflow operated for extract use, cord operated lock for intake use. For all models mounted in vertical surfaces only.

Controller

The Rangemaster controller is recommended for use with this model to provide full function control of the fan plus the option of sensor mode using a selection of electromechanical switches to provide automatic switching of the fan. Alternatively, single speed extract is achieved using a normal On/Off switch.



Easy Cleaning

Integrated component design allows all parts to be dismantled for cleaning without the use of specialist tools.

Protective Grilles

Where Standard Range units are installed in low positions, finger guards provide extra protection to VDE, DIN 31001. For Standard Range adaptor kits, extended shrouds and protective grilles, refer to [Page 149](#).

Typical Specification

Supply and install a Standard Range Window fan as manufactured by Vent-Axia Ltd, Fleming Way, Crawley, West Sussex, RH10 9YX, Telephone: 01293 526062.

The fan should be suitable for all forms of single glazing, including wire cast, reeded, leaded lights and fixing plates up to 10mm thick.

The fan should have the option of a backdraught shutter.

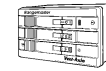
The fan should be fully reversible and be able to be controlled by using variable speed controllers or by humidity, air quality or TimeSwitches.

The unit should meet with Document F of the Building Regulations and be Demko Approved.

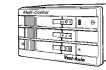
The motor should be suitable for mounting at any angle and suitable for operation in ambient temperatures from -40°C to +50°C and should be fitted with self resetting Standard Thermal Overload Protection (S.T.O.P.).



Controllers



Rangemaster Controller - Infinitely variable speed control, adjustable minimum speed setting. Choice of extract/intake. Sensor mode switch enables any of a number of external electro-mechanical switches eg: Ecotronic, HumidiSwitch, ThermoSwitch and TimeSwitch to control the fan.



Multi-Unit Controller - For groups of up to 5 units of any one size up to a total of 400 watts. Extract/intake and infinitely variable speed control. Do not mix T-Series with Standard Range ventilating units on one controller.



TimeSwitch - Electronic timer. Can be pre-set for a time overrun of 1-35 minutes. Maximum load 2 (1 inductive) amps.

Sensors



Ambient Response Humidity Sensor - Self programming electronic On/Off wall mounted humidity sensor which reacts to any rapid increase in humidity and temperature. Night time RH increment setback feature.



Air Quality Sensor - Automatically reacts to the depletion of air quality, sensing tobacco smoke, smells and toilet odours to regulate mechanically ventilated areas.

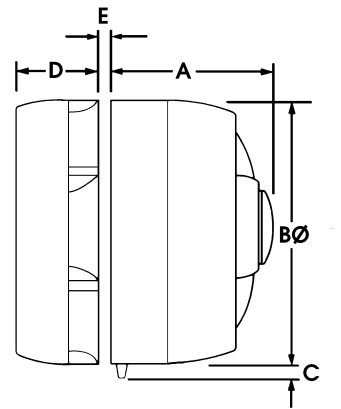


Ecotronic Humidity Sensor - The Ecotronic Humidity Sensor is an adjustable set point, solid state controller. A pullcord provides manual override, indicated by lamp. Adjustable from 65% to 90%RH. Ecotronic includes a relay and can be used with T-Series controller sensor mode.

For full details of controllers and sensors, see [page 148](#) and [pages 164-171](#).

Dimensions (mm)

Size	6	7	9	12
Impeller dia.	150mm	190mm	230mm	300mm
Dim.	mm	mm	mm	mm
A	140	147	166	201
BØ	216	254	295	381
C	21	21	21	21
D	83	83	92	105
E (max)	10	10	10	13
Fixing hole dia.	184	222	260	337
Weight	2.9kg	3.2kg	4.6kg	7.0kg



FAQ's Answered

Auto flap shutters are available as a built-in accessory.

Standard Range controllers require 4 core wire.

Suitable for single and double glazed windows.

When fitted in either double glazed windows or polycarbonate domes an extended shroud must be fitted. For details refer to [page 149](#).

Unit Size	Type	Stock Ref. No.	Amps @ 240V	Extract Performance MAX m³/h	Watts MAX.	dB(A) @ 3m	Shutter Stock Ref. No. type SD/R	Rangemaster		Time Switch type TTC	Multi-Unit type MUC
								RVS Surface	Flush Fitting		
6	S6/WW	13 13 10	0.16	285	32	35	23 17 10	W30 01 10	W30 01 10 + 40 01 44	W36 13 10	W36 23 10
7	S7/WW	13 23 10	0.16	425	34	31	23 27 10	W30 01 10	W30 01 10 + 40 01 44	W36 13 10	W36 23 10
9	S9/WW	13 33 10	0.24	710	53	39	23 37 10	W30 01 10	W30 01 10 + 40 01 44	W36 13 10	W36 23 10
12	S12/WW	13 43 10	0.36	1560	84	42	23 47 10	W30 01 10	W30 01 10 + 40 01 44	W36 13 10	W36 23 10