

# Traditional Standard Range®

## Roof Models



### Features and Benefits

- Extract model in 4 sizes: Size 6, 7, 9 and 12.
- **IPX4** Rated.
- Colour: White.
- Wide range of sensors available.
- Manufactured in weather-resistant polymeric materials.
- For the best performance from your fan, use an Ecotronic controller.

### Classic Retro-Styled Ventilation

A versatile and robust range of roof extract ventilating units designed to satisfy the requirements of efficient ventilation in commercial and industrial applications. The simple, proven design of Standard Range makes installation and routine cleaning easy.

Featuring a low profile cowl, the unit is ready for fitting into horizontal, angled and vertical glass, fixing plates on roofs and in vertical windows or walls in exposed areas. With Vent-Axia roof plate assemblies, all four sizes can be fitted easily into flat roofs. Suitable for roof installation plus window and wall installation in exposed areas (eg: coastal positions).

Vent-Axia's spigot and ring method of fixing ensures easy installation and weather proof joint. We recommend the use of sealing compound under the upper part of the unit when fitted in roofs.

### Motor

Purpose designed enclosed motor. Suitable for running at any angle. Quiet running, continuous rated motor with sealed for life ball bearings.

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

All Standard Range roof models are designed to fit directly into horizontal and sloping windows including wired cast, up to 10mm thick.

In solid roofs, install using a roof plate assembly and, if required, and eggcrate grille in the ceiling below. A suitable sealing compound should be used between the glass/roof plate and the exterior seal.

### Models

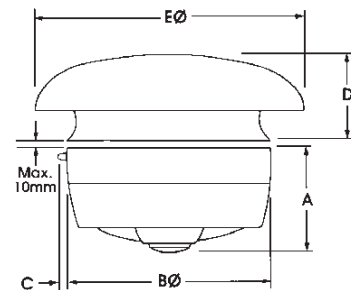
Size	Stock Ref
S6RF	<b>131410</b>
S7RF	<b>132410</b>
S9RF	<b>133410</b>
S12RF	<b>134410</b>



For Controllers see page 136-137

### Dimensions (mm)

Size Dim.	6 mm	7 mm	9 mm	12 mm
A	140	147	166	201
BØ	216	254	295	381
C	21	21	21	21
D	95	108	121	146
EØ	267	330	394	508
Fixing hole Ø	184	222	260	337
Weight kg	3.2	3.9	5.5	8.5



### Performance

Model	Extract Performance MAX. m³/h	Watts MAX.	dB(A) @ 3m	Amps @240V
S6RF	240	32	36	0.16
S7RF	350	34	31	0.16
S9RF	625	53	39	0.24
S12RF	1130	84	42	0.36

For further performance details please go to [www.vent-axia.com](http://www.vent-axia.com)

# Traditional Standard Range® Wall Models



## Features and Benefits

- Extract/intake models in 4 sizes: Size 6, 7, 9 and 12.
- **IPX4** Rated
- White fascia, wall sleeve and black external weather louvre.
- Optional shutter available
- Manufactured in weather-resistant polymeric materials.
- For the best performance from your fan, use an Ecotronic controller.

## Classic Retro-Styled Ventilation

The proven Standard Range Wall models are designed to fit flush into most double brick walls using the rigid wall liner supplied with the unit. Provision is made within the liner for conduit entry. When installed, only the ivory fascia is visible on the internal wall face. The external weather louvre fits flush to the outside. A shutter is available as an accessory which can be easily fitted within the unit, see below.

On new building work the installation and wiring of the wall liner can be completed prior to the final installation of the unit and controller. Fully shrouded connectors on the fascia automatically connect the wiring to the motor when fitted to the wall liner.

## Motor

The motor is purpose-designed. Suitable for running at any angle. Quiet running, enclosed, sealed for life ball bearings.

Supply voltage: 220-240V/1/50Hz.

Suitable for operation in ambient temperatures from -40°C 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.

## Controller

The Ecotronic controller is recommended for use with this model to give full function control of the fan including auto mode using an electromechanical sensor from Vent-Axia's sensor range. Alternatively, single speed extract is achieved using a normal On/Off switch.

## Models

Size	Stock Ref
S6WL	<b>131510A</b>
S7WL	<b>132510A</b>
S9WL	<b>133510A</b>
S12WL	<b>134510A</b>

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## Shutters

Size	Stock Ref
S6SD/R	<b>231710</b>
S7SD/R	<b>232710</b>
S9SD/R	<b>233710</b>
S12SD/R	<b>234710</b>

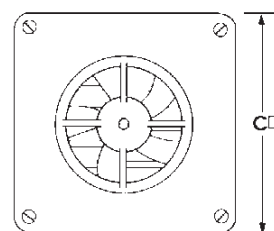
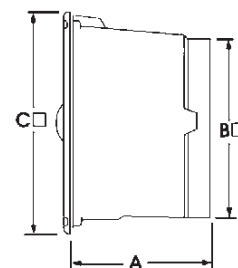
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For Controllers see page 136-137

For protective grilles see page 152

## Dimensions (mm)

Size Dim.	6 mm	7 mm	9 mm	12 mm
A	279	279	279	279
B	203	279	279	356
C	279	362	362	448
Fixing hole □	235	311	311	400
Weight kg	4.1	5.7	6.7	10.1



## Performance

Model	Extract performance MAX. m³/h	Watts Multi-Unit MAX.	dB(A) @ 3m	Amps @ 240V
S6/WL	340	32	39	0.16
S7/WL	544	34	35	0.16
S9/WL	856	53	43	0.24
S12/WL	1767	84	46	0.36

For further performance details please go to [www.ventaxia.com](http://www.ventaxia.com)

# Traditional Standard Range® Panel Models



## Features and Benefits

- Extract / intake model in 4 sizes: Size 6, 7, 9 and 12.
- **IPX4** Rated.
- Built-in shutter available.
- Colour: White Fascia.
- Pre-wired lead for easy installation.
- Manufactured in weather-resistant polymeric materials.
- For the best performance from your fan, use a Ecotronic controller.

## Classic Retro-Styled Ventilation

A versatile range of extract/intake ventilating units designed to satisfy the most demanding requirements of efficient ventilation. Available in four sizes, the Standard Range units can be supplied without a shutter for vertical installations. The shutter is available as an accessory which can be easily fitted within the unit, see below.

Suitable for mounting at any angle, this range may be installed in internal partitions, ceilings, ducts, and (with external louvres) through external walls.

The outer spigot may be connected directly to flexible ducting and other Vent-Axia ventilation accessories to suit individual applications. When installed, only the ivory fascia is visible.

## Shutter

### Type SD/R

This vertical 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 for intake use.

For all models mounted in vertical surfaces.

## Motor

Purpose-designed enclosed ball bearing motor. Suitable for running at any angle. Quiet running.

Supply voltage 220-240V/1/50 Hz.

Suitable for operation in ambient temperatures from -40°C to +50°C.

Fitted with Standard Thermal Overload Protection. (S.T.O.P.)

## Controller

The Ecotronic 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.

## Models

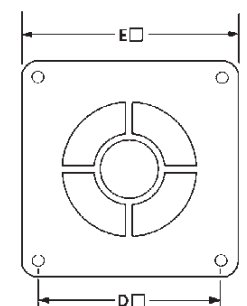
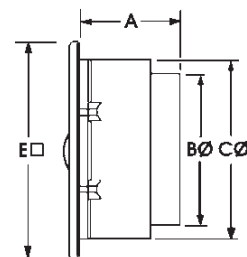
Size	Stock Ref
S6PL	<b>131610A</b>
S7PL	<b>132610A</b>
S9PL	<b>133610A</b>
S12PL	<b>134610A</b>

## Shutters

Size	Stock Ref
S6SD/R	<b>231710</b>
S7SD/R	<b>232710</b>
S9SD/R	<b>233710</b>
S12SD/R	<b>234710</b>

## Dimensions (mm)

Size Dim.	6 mm	7 mm	9 mm	12 mm
A	127	137	156	197
BØ	171	210	248	324
CØ	219	250	302	387
D□	226	311	311	397
E□	279	362	362	448
Fixing hole Ø	254	337	337	419
Weight kg	2.5	3	3.5	5.8



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## Performance

For Controllers see page 136-137  
For protective grilles see page 152

Model	Extract performance MAX. m³/h	Watts MAX.	Sound dB(A) @ 3m	Amps @ 240V
S6/PL	354	32	41	0.16
S7/PL	561	34	37	0.16
S9/PL	927	53	45	0.24
S12/PL	1910	84	48	0.36

For further performance details please go to [www.vent-axia.com](http://www.vent-axia.com)

# ACM<sup>®</sup> In-Line Mixed Flow Fans

**NEW AND IMPROVED**



## Ducted Ventilation

Vent Axia has designed a complete range of Mixed Flow In-Line fans that are now quieter than any other product on the market. ACM is now in a range of six products in the range which have been designed for use with rigid and flexible ducting. The energy efficient products are up to 8dBA lower in noise levels with consideration given to the installer the ACM In Line Mixed Flow fan is now a product that is simple to install.

In Line Mixed Flow fans offer two and half times the pressure of conventional axial fans, are dimensionally more compact making them ideal for many ducted applications.

The impeller blade design with guide vanes provides optimum pressure characteristics and simple connectivity and quieter more efficient running provides the complete solution.

The unit has a separate footplate for simple location mounting, detachable spigots for simple connection to ducting. The motor body chassis now rotates to provide connection in acute spaces. The product is mounted using two straps that secure the motor chassis assembly to the footplate.

Cleaning the product has also become simple as all parts can be removed without removing the ducting.

The ACM Mixed Flow In-Line fan can operate in both horizontal and vertical positions and can be mounted to meet its optimum performance.



Rotating Chassis to ease installation where room is at a premium

## Motor

All motors are fitted with Standard Thermal Overload Protection. (S.T.O.P.). Motors are speed controllable on their high speed setting. Designed for ambient temperatures up to +50°C. All sizes with capacitor run motors. All sizes are Class I appliances. Supply voltage 220-240V/1/50Hz

## Models

Model	Stock Ref
ACM100	<b>17104010C</b>
ACM100T	<b>17104020E</b>
ACM125	<b>17105010C</b>
ACM150	<b>17106010B</b>
ACM150T	<b>17106020C</b>
ACM200	<b>17108010B</b>
ACM250	<b>17110010A</b>
ACM315	<b>17112010A</b>

## Controller

For optimum performance use a Vent-Axia electronic controller. Surface mounted providing variable speed control with an On/Off/sensor slider with neon indicator. There is an adjustable minimum speed setting. The controller is radio suppressed to BS EN 55014 and electrical connections for use with suitable external sensors are provided.

86 x 156 x 53mm (H x W x D). For flush fitting a metal wall box accessory is available. Stock Ref **400144** (see page 136).

Hole for wall box: 80x150x150mm (HxWxD)s.

**Stock Ref**  
**W300310**

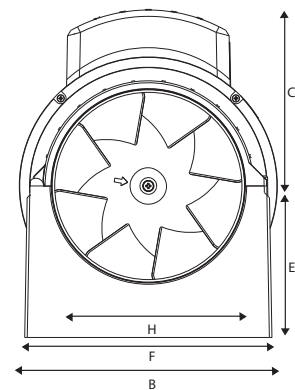
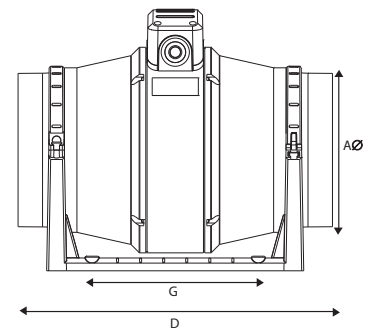


## Features and Benefits

- New up to 8dBA quieter
- Available in six sizes
- Designed and manufactured in UK
- Two speed selectable motor
- 100, 125, 150 New models
- Timer versions 100T & 150T (not speed controllable)
- Simple Installation
- Removable motor core
- Rotating motor chassis assembly
- Supplied complete for installation
- Optimise fan performance by using an approved Vent Axia controller
- Designed to meet IP44
- Aesthetically pleasing with wipe clean polymer
- Easy accessible terminal block with 20mm entry

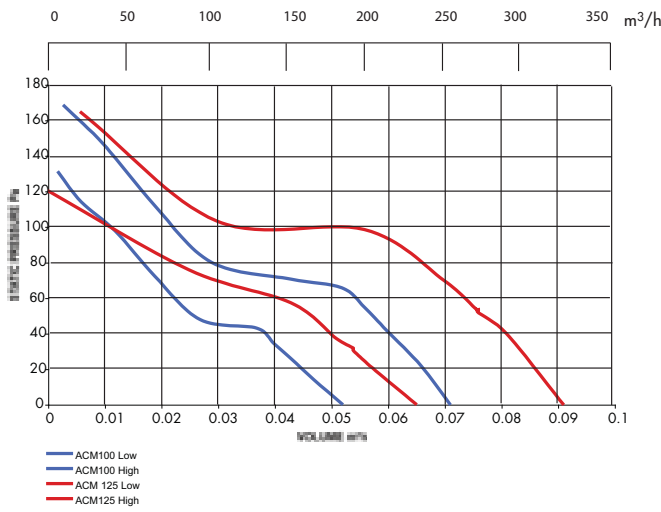
## Dimensions (mm)

Size	100	125	150	200	250	315
AØ	97	122	147	199.5	248	310
BØ	178	178	200	223	253	335
C	124	124	138	146	186	220
D	298	259	350	300	385	455
E	96	96	118	130	156	190
F	168	168	192	195	170	210
G	120	120	162	100	145	182
H	153.5	153.5	178	180	138	178

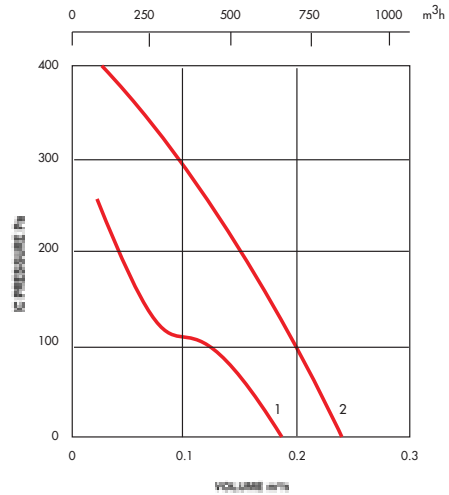


## Performance Graphs

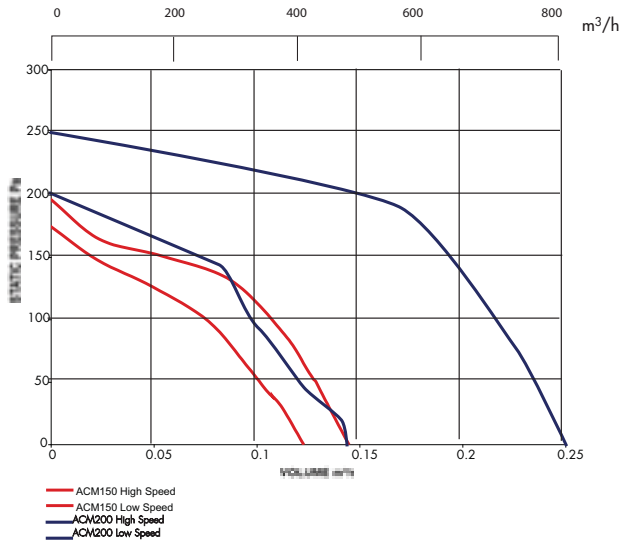
100/125mm



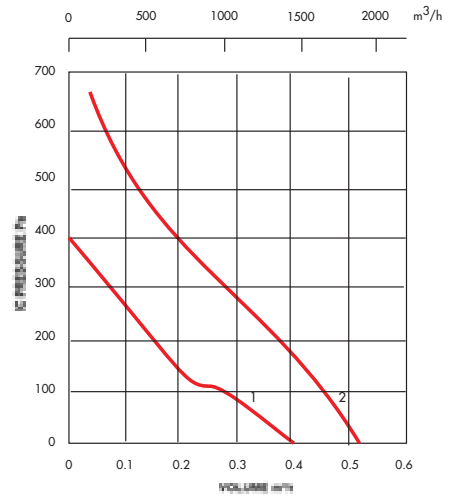
250mm



150/200mm



315mm



## Performance

Model	Nominal r.p.m	Performance m³/s @ Pa										Watts	Amps	dB(A) at 3m
		0	25	50	100	150	200	250	300	400				
ACM100	L 1670	0.052	0.043	0.024	0.01	-	-	-	-	-	-	18	0.09	20
ACM100T	H 2200	0.071	0.065	0.057	0.02	-	-	-	-	-	-	23	0.1	23
ACM125	L 1800	0.065	0.055	0.044	0.015	0.01	-	-	-	-	-	25	0.12	20
	H 2400	0.091	0.085	0.076	0.033	0.01	-	-	-	-	-	30	0.13	24
ACM150	L 1870	0.123	0.15	0.1	0.077	0.022	-	-	-	-	-	42	0.19	31
ACM150T	H 2350	0.145	0.136	0.129	0.105	0.054	-	-	-	-	-	48	0.21	35
ACM200	L 1250	0.14	0.14	0.12	0.11	0.10	-	-	-	-	-	100	0.45	35
	H 2250	0.25	0.25	0.24	0.23	0.21	0.17	-	-	-	-	110	0.55	38
ACM250	L 2150	0.193	0.177	0.159	0.119	0.067	0.045	-	-	-	-	81	0.45	50
	H 2670	0.277	0.228	0.216	0.197	0.171	0.142	0.108	0.079	-	-	140	0.65	57
ACM315	L 1960	0.398	0.365	0.329	0.263	0.178	0.140	0.101	0.065	-	-	180	0.75	58
	H 2555	0.517	0.499	0.482	0.444	0.408	0.373	0.329	0.277	0.178	300	1.25	62	