

9" and 12" Window Fan Range

Commercial Range

WF230/WF300



- Suitable for a variety of domestic and commercial applications, the WF230 range has been designed for window or wall mounting. Incorporating the latest ventilation technology and stylish design, these high performance extractor fans have an extract rate of 668m³/hr, 185 litres per second.
- There are three models in the range starting with the basic unit (WF230) which has fixed louvres, can be supplied with an optional pullcord switch and provides a natural source of trickle flow ventilation when the fan is switched off.
- Manual models (WF230M) have pullcord operated internal backdraught shutters that also start the fan.
- The WF230 automatic series have thermo activated shutters which open silently 45 seconds after the fan has been switched on.
- Completing the Manrose family the WF300 range of 300mm (12") fans give a powerful extract rate of 1100m³/hr, 306 litres per second.
- The WF300 is designed for window mounting and can also be wall mounted using our wall mounting fixing kit.
- The WF300 has three models in its range. The basic model with fixed louvres, the manual model with internal pullcord operated backdraught shutters and the automatic model with thermo-activated internal shutters which open silently and automatically when the fan is switched on.
- These high performance extractor fans are easy to install and are attractively styled in high gloss ABS thermoplastics for durability, ease of cleaning and maintenance and cover a wide variety of domestic and commercial applications including kitchens, utility rooms, pubs, restaurants, offices, shops and factories.
- The units are all manufactured using high impact ABS thermoplastics for strength and durability, aesthetics and easy cleaning.
- Power is provided by a four pole single phase induction motor with pre-oiled bearings, totally enclosed for protection against dust and dirt, for a long, maintenance-free life.
- There is an extensive range of ventilation accessories including speed controllers and roof-termination kits, available separately.
- Building Regulations on Ventilation (F1).

Technical Details

Cat. No. Product type

Manual model with external gravity shutters

WF230	Basic model has fixed louvres. This unit will also provide a natural source of trickle flow ventilation when the fan is switched off
WF230P	As above with pullcord switch
WF230MP	The manual models have pullcord operated internal backdraught shutters, which also start the fan motor unit
WF230A	The automatic versions have thermo-activated shutters which open silently approximately 45 second after the fan has been switched on. Basic model has fixed louvres.
WF300	This unit will also provide a natural source of trickle flow ventilation when the fan is switched off
WF300P	As above with pullcord switch
WF300MP	The manual models have pullcord operated internal backdraught shutters, which also start the fan motor unit
WF300A	The automatic versions have thermo-activated shutters which open silently approximately 45 second after the fan has been switched on

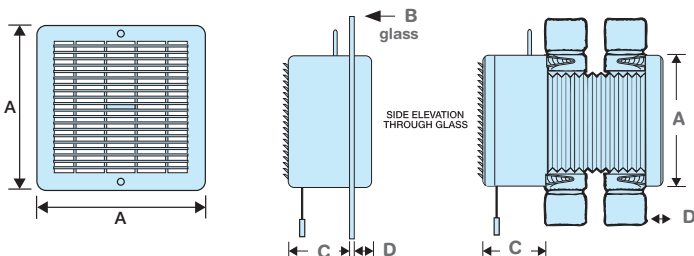
The WF300 series 5 pin connector plug also ensures simple electrical connection without additional wiring.

ACCESSORIES

COMTSCVR Variable Speed Controller Intake-Extract with neon light for 230mm (9") and 300mm (12") fans

Dimensions (mm)

PRODUCT	A	B	C	D
WF230	286	4-32	112	25
WF300	362	4-32	133	29

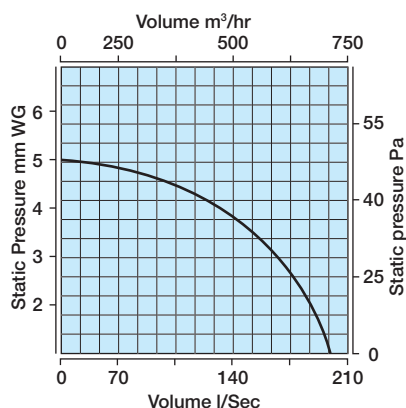


The drawings show the front and side views of the fan units. Dimension A is the height of the unit. Dimension B is the height of the glass shutter. Dimension C is the width of the unit. Dimension D is the width of the glass shutter. The side view is labeled 'SIDE ELEVATION THROUGH GLASS'.

Performance Graph

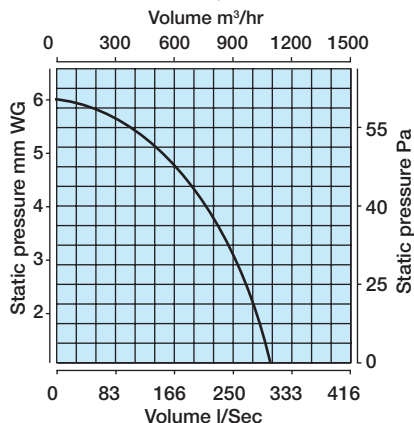
WF230 Series

668m³/hr 185 litres per second



WF300 Series

1100m³/hr, 306 litres per second



Packaging

WF230 Series in outers of 1 measuring 301mm x 156mm x 345mm - weight 3.5kgs

WF230 Series in outers of 5 measuring 780mm x 301mm x 345mm - weight 17.5kgs

WF300 Series in outers of 1 measuring 387mm x 187mm x 446mm - weight 6 kgs

WF300 Series in outers of 5 measuring 895mm x 387mm x 446mm - weight 30 kgs

Installation

The WF230 series has been designed for window installation through a standard 260mm Ø hole. A wall fixing kit (Cat. No. 1301) is also available for through wall mounting and comprises wall plugs, screws and a 400mm length of 9" diameter aluminium flexible ducting (when extended).

The WF300 series has been designed to be fitted in a window through a standard 320mm Ø hole. A wall fixing kit (Cat. No. 1299) is also available for through wall mounting which comprises of wall plugs, screws and a 400mm length of 12" diameter aluminum flexible ducting (when extended).

Electrical

220-240V - AC. 50Hz  Single phase consuming 41W on the 230 series and 68W on the 300 series. These fans are double insulated and do not require an earth. All wiring must comply with the current IEE regulations. A double pole isolating switch, having a contact separation of at least 3mm in all poles, must be used with a 3 amp fuse fitted. The fan should NOT be accessible to a person using either the shower or bath and mounted a minimum of 1.8m from the floor.

Additional Data

WF230

Maximum pressure: 50 p.a.
Fan speed: 1250 r.p.m.
Sound volume: 50.0 dB(A)
Maximum operating temperature: 40°C

WF300

Maximum pressure: 60 p.a.
Fan speed: 1300 r.p.m.
Sound volume: 60.0 dB(A)
Maximum operating temperature: 50°C