

# BF-W 4"/5"/6"

# Technical Specification

Suitable for a variety of domestic and commercial applications, the BF-W range has been designed for window or wall mounting. Incorporating the latest ventilation technology and stylish design.

There are three models in the range starting with the basic unit (BF-W) 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.

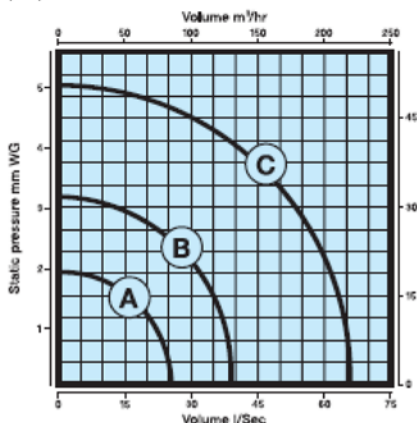
The BF-W automatic series have thermo activated shutters which open silently 45 seconds after the fan has been switched on. The BF-W is designed for window mounting and can also be wall mounted using our wall mounting fixing kit.

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.

There is an extensive range of ventilation accessories including speed controllers and roof-termination kits, available separately.

Building Regulations on Ventilation (F1).



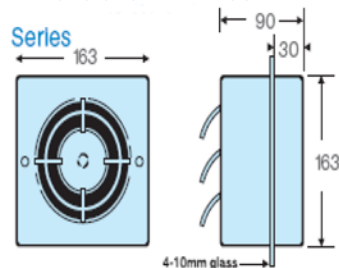
### Performance Graph

- A) BF-W100 85m³/hr, 23 litres per second
- B) BF-W120 130m³/hr, 36 litres per second
- C) BF-W150 230m³/hr, 64 litres per second

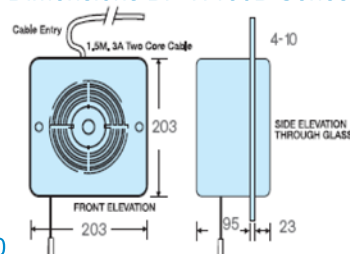


BF - W 4" / 5" / 6"

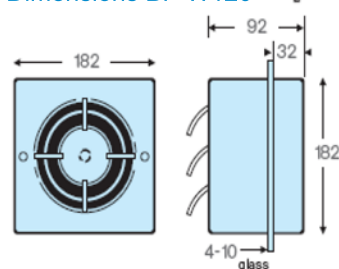
### Dimensions BF-W100



### Dimensions BF-W150B Series



### Dimensions BF-W120



### Dimensions (mm)

PRODUCT	A	B	C	D	E
BF-W100	163	90	30	163	
BF-W120	182	92	32	182	4-10
BF-W150	203	203	4-10	95	23

### Installation

**BF-W100 Series** designed for window mounting through a standard 115 - 155mm Ø hole.

**BF-W120 Series** designed for window mounting through a standard 140mm - 150mm Ø hole.

**BF-W150** This series has been designed for window or wall fixing through a standard 184mm (7 1/4") hole. Note: for wall fixing, please use the FK1 wall vent kit Cat No. 1300. There are three variations in this range, the base model with fixed louvres for additional trickle flow ventilation, and the manual model has external gravity backdraught shutters.

### Electrical

220-240V - AC, 50Hz Single phase consuming 20 watts. These fans are double insulated and do not require an earth. All wiring must comply with 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 must not be accessible to a person using either the shower or bath and mounted a minimum of 1.8 metres from the floor.

### Additional Data

#### 100mm (4") Range

Maximum pressure: 20 p.a.  
Fan speed: 2400 r.p.m.  
Sound volume: 41.0 dB(A)  
Maximum operating temperature: 40°C.

#### 120mm (5") Range

Maximum pressure: 35 p.a.  
Fan speed: 2000 r.p.m.  
Sound volume: 41.0 dB(A)  
Maximum operating temperature: 40°C

#### 150mm (6") Range

Maximum pressure: 50 p.a.  
Fan speed: 2400 r.p.m.  
Sound volume: 40.0 dB(A)  
Maximum operating temperature: 40°C