100mm (4") Fan Range
Domestic Range

- Designed for wall, ceiling or window mounting, this comprehensive range offers a wide selection of models for use in bathrooms and toilets.

- Quiet and efficient, the 100mm (4") series has an impressive extract rate of 85m³/hr, 23 litres per second, and is available in the eleven options detailed opposite.

- The units are all manufactured using high gloss ABS thermoplastics for strength and durability, aesthetics and easy cleaning.

- Power is provided by a single phase induction motor with pre-oiled bearings for a long, maintenance-free life.

- Designed to comply with the Building Regulations on Ventilation (F1).
Technical Details

Cat. No.  Product type
100mm (4") Wall/Ceiling Fans

XF100S  Standard model for remote switching
XF100P  As above supplied with pulcord switch
XF100T  Timer model incorporating integral adjustable electronic timer (1-20 mins)
XF100TSS  As above with shallow spigot
XF100TP  As above but with pulcord override switch. Requires no switched live
XF100H  Humidity control which is adjustable between 40% RH and 95% RH Complete with integral adjustable timer (1-20 mins)
XF100HP  As above but with pulcord override switch. Requires no switched live
XF100PIR  PIR activated model which switches on as a person enters the room and runs on after the room is vacated. There is no need to connect to a separate switch Timer adjustable between 1-20 mins. Requires no switched live

100mm (4") Window Fans

WF100P  Pullcord model
WF100S  Standard model
WF100T  Timer model incorporating integral adjustable timer (adjustable 1-20 mins) Complete with pulcord switch
WF100H  Humidity control which is adjustable between 40% RH and 95% Complete with integral adjustable timer (1-20 mins)
WF100PIR  PIR activated model which switches on as a person enters the room and runs on after the room is vacated. There is no need to connect to a separate switch Timer adjustable between 1-20 mins. Requires no switched live

Dimensions (mm)

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<th>PRODUCT</th>
<th>A</th>
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Performance Graph

**XF/WF100 Series**  85m³/hr, 23 l/s

Packaging

XF100 Series in outers of 10 measuring 370mm x 200mm x 560mm - weight 7kgs
WF100 Series in outers of 10 measuring 630mm x 210mm x 570mm - weight 9kgs

Installation

XF100 Series designed for wall mounting (pulcord version wall mounting only) through 100mm (4") diameter flexible or rigid pipes or Manrose low profile, flat channel ducting systems.
WF100 Series designed for window mounting through a standard 115 - 155mm Ø hole.

Electrical

220-240V - AC. 50Hz [1]. Single phase consuming 15 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: 40ºC.