

# Centrifugal Fan Range

## Domestic Range

### CF100/CF200



- The CF100 and CF200 centrifugal fans use the latest technology to provide extremely powerful, yet very quiet and vibration free ventilation. The CF100/200 ranges are designed for bathrooms, toilets, cloakrooms and utility rooms.
- Designed to move air over long distances, these units will give maximum performance even against pressures caused by long lengths of ducting and resistance by grilles.
- All models are fitted with a built-in spring operated non-return flap into the discharge spigot to stop backdraughts.
- There are seven models in each series. The CF100 has an extract rate of 90m<sup>3</sup>/hr 25 litres per second, the CF200 range have an extract rate of 110m<sup>3</sup>/hr 31 litres per second.
- The units are all manufactured using high impact ABS thermoplastics for strength and durability, aesthetics and easy cleaning.
- Power to the CF100/200 range 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

CF100S Standard model for remote switching  
CF200S

CF100P As above supplied with pullcord switch  
CF200P

CF100T Timer model incorporating integral adjustable electronic timer (1-20 mins)  
CF200T

CF200TP As above with pullcord override switch. Requires no switched live

CF100H Humidity control which is adjustable between 40 and 95%RH  
CF200H Complete with adjustable integral timer (1-20 mins)

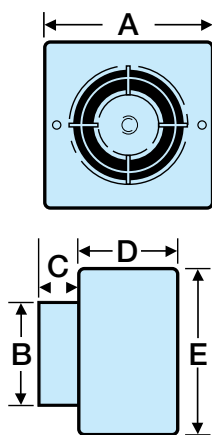
CF200HP Electronic humidity control with pullcord override switch  
Requires no switched live

CF100PIR PIR activated model with adjustable timer for presence detection  
CF200PIR that will run on when room is vacated (1-20 mins). Requires no switched live

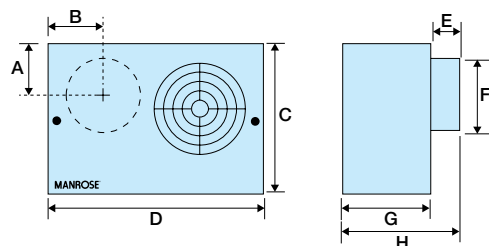
### Dimensions (mm)

PRODUCT	A	B	C	D	E	F	G	H
CF100	163	98Ø	65	90	163			
CF200	65	65	185	260	45	98Ø	90	135

#### CF100 Series



#### CF200 Series



### Packaging

CF100 Series in outers of 10 measuring 340mm x 175mm x 835mm - weight 11kgs

CF200 Series in outers of 10 measuring 753mm x 283mm x 390mm - weight 12kgs

### Installation

Designed to be mounted on walls or ceilings and discharged through a 100mm (4") standard rigid or flexible duct, and are also suitable for use with flat duct channel systems. Comprehensive wiring and installation instructions are included with each fan.

### Electrical

220-240V~50Hz AC single phase consuming 20W on the CF100 range and 17W on the CF200 range. 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 3amp fuse fitted. The fan should not be accessible to a person using either the shower or bath and mounted to a minimum of 1.8 metres from the floor.

### Additional Data

#### CF100

Maximum pressure: 80 p.a.  
Fan speed: 1600 r.p.m.  
Sound volume: 42.0 dB(A)

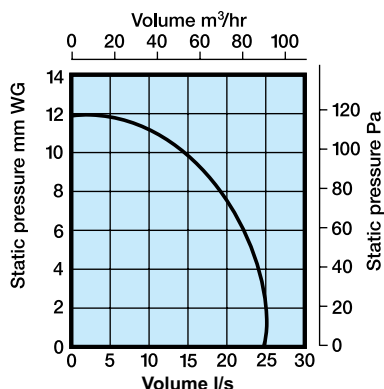
#### CF200

Maximum pressure: 120 p.a.  
Fan speed: 1400 r.p.m.  
Sound volume: 45.0 dB(A)

### Performance Graph

#### CF100

90m<sup>3</sup>/hr, 25 litres per second



#### CF200

110m<sup>3</sup>/hr, 31 litres per second

