

# 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)

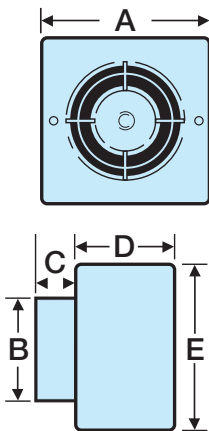
**CF200HP** Electronic humidity control with pullcord override switch  
Requires no switched live

**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

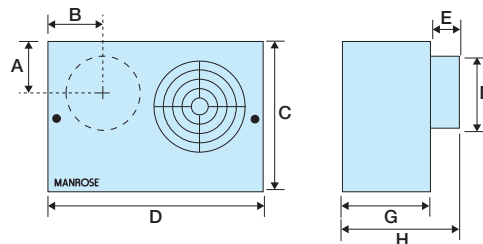
### Dimensions (mm)

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 - AC. 50Hz single phase  
consuming 19W 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)

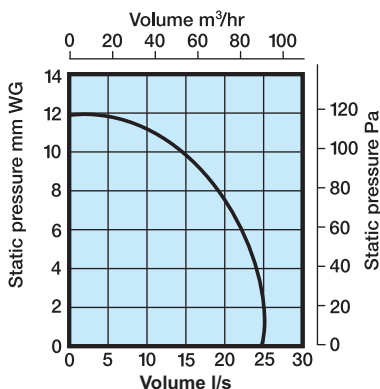
#### CF200

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

### Performance Graph

#### CF100

90m³/hr, 25 litres per second



#### CF200

110m³/hr, 31 litres per second

