

Centrifugal 100 Range for bathrooms and toilets: 230v and 12v



The CF 100 range of 100mm (4") bathroom and toilet fans comprises efficient, centrifugal flow fans for wall or ceiling mounting. Designed for easy installation, attractively styled in high gloss ABS thermoplastics for modern appearance and ease of cleaning and incorporating the latest technology and design.

The CF 100 series is ideally suited for domestic applications where higher back pressures are present. These are normally associated where flat ducting or long lengths of circular ducting are used.

The range also includes 12v Low Voltage models for use when required.

Technical Data

230v models

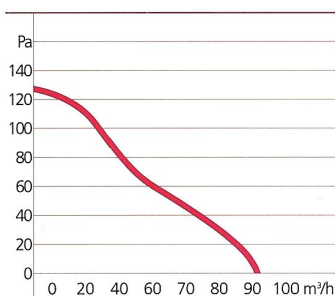
Catalogue No.	Type
CF 100	Standard model - for remote switching.
CF 100 S	As above supplied with integral pull switch.
CF 100 T	Timer model - with integral over-run timer (15 mins).
CF 100 HTS	Humidity control - The fan will run when humidity rises over the pre-set level of 65% RH. Complete with integral timer (15 mins) and pull switch.
CF 100 TRS	Continuously running trickle speed with pull switch boost.
CF 100TRST	Continuously running trickle speed with remote boost.

- ✿ Extract rate 90m³/hr, 27 litres per second
- ✿ Fans can be wall or ceiling mounted
- ✿ British made
- ✿ Designed to exceed the 2006 Building Regulations on Ventilation (F1)
- ✿ Tested to comply with HD280/BS3456 Part 102:342 1988
- ✿ 2 year no quibble guarantee
- ✿ **CE**

Low Voltage 12v models

Catalogue No.	Type
CF 100 LV S	With pull switch.
CF 100 LV T	Timer model with integral over-run timer switch (15 mins).
CF 100 LV TRS	Continuously running trickle speed with pull switch boost.
CF 100 LV HTS	Humidity control - The fan will run when humidity rises over the pre-set level of 65% RH. Complete with integral timer (15 mins) and pull switch.

Construction	These fans are moulded in impact resistant high gloss ABS thermoplastics for strength, durability and finish.
Electrical	<ul style="list-style-type: none"> ✿ 220-230V ~ A.C. 50Hz Single phase consuming 38 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 should not be accessible to a person using either the shower or the bath and mounted a minimum of 1.75 meters from the floor and less than 400mm from the ceiling. ✿ Do not install the fan above a heat source. e.g. radiator.
Motor	Single phase induction motor with pre-oiled bearings fitted for a long maintenance free life and protected by a thermal fuse.
Guarantee	Two year no quibble guarantee.
Performance	CF 100/CF 100 LV 90m ³ /hr, 27 litres/sec
Installation	<ul style="list-style-type: none"> ✿ Both 230v and 12v ranges are designed to be wall or ceiling mounted. Kits available on request. ✿ Wall kits comprise a wall sleeve (275mm long) and a gravity grille (white, terracotta, stone, grey or brown). ✿ Ceiling kits comprise 3m 100mm flexible ducting and an external fixed grille (colours to suit). ✿ A full range of flat/round duct accessories are available - contact sales@ferrob.co.uk for information. ✿ Installation through a wall or ceiling requires a 107mm hole.
Additional Data	<ul style="list-style-type: none"> ✿ Maximum pressure: 108 p.a. see graph below. ✿ Fan speed: 1100rpm ✿ Sound volume: 38.0 dB(A) ✿ Maximum operating temperature 50°C. ✿ Protection Rating: IPx4 ✿ Power Consumption: 20W ✿ Running Costs: typ less than 20p per month (based on max 4hrs running per day)



Unit Dimensions & Cut-outs	
A	230mm
B	20mm
C	105mm
∅	97mm
Wall Hole	107mm
Ceiling Hole	107mm