



The electrical equipment contained in this box should not be disposed of in unsorted municipal waste but collected separately. This is intended to reduce the impact on the environment by minimising the level of waste generated at the end of a product's useful life by increasing the percentage of material recovered and recycled.

CF100 Low Voltage Bathroom Centrifugal Fan

CF100LVT

Timer Adjustment

Isolate the power supply. Remove the outer cover retaining screws and lift cover off transformer. The timer adjuster is situated in the inner cover and is clearly marked. Turn adjustment knob anticlockwise for less over-run time and clockwise for more over-run time. Range is approximately 1 to 25 minutes.

CF100LVHTS

Timer Adjustment

Isolate the power supply. Remove the front cover from the fan. The timer adjuster is situated inside and is clearly marked. Turn adjustment knob anticlockwise for less over-run time and clockwise for more over-run time. Range is approximately 1 to 25 minutes.

Intelligent Humidity Control

The intelligent humidity control fitted to models automatically tracks the background humidity level.

If the control detects a rapid rise in humidity over a few minutes, the fan will be turned on. Once the fan has reduced the humidity level, the control will turn the fan off and reset itself. The control will not turn the fan on if the humidity rises as a result of a change in the weather. To permit the control to work at high humidity levels (as caused by drying clothes indoors), it is provided with a manually adjustable set point. This is set at approx 75° RH at the factory and should not require any further adjustment.

If you should wish to adjust the set point position, use a fine tipped screwdriver and turn clockwise for less sensitivity and anti-clockwise for greater sensitivity. Turning fully clockwise will turn the humidity control OFF and the fan will control will operate with the over-run timer only.

IMPORTANT

After installing the CF100LVHTS fan, it should be left for at least 3 hours for it to acclimatize itself. If necessary, the humidity set point may then be adjusted.

MAINTENANCE

Isolate from Power Supply before commencing work.

TRANSFORMER

Maintenance free but the outer cover may be cleaned with damp cloth.

FAN

The outside of the unit may be wiped clean with a damp cloth. Once a year the front cover should be removed and the inside dusted with a soft brush.

	Transformer
INPUT	230v AC~50Hz
OUTPUT	12v AC~42VA
	Fan Unit
INPUT	12v AC~50Hz
	44W



Installation and Operation Instructions



Regency House
Kingsclere Park
Kingsclere
Newbury
Berkshire RG20 4SW
Tel: 01635 299266

www.ferrob.co.uk

FERROB CF100 Low Voltage Centrifugal Fans

These centrifugal fans are designed for use within bath/shower areas. They are fitted with long life 12V AC~ motors. The low voltage supply is from a 230V AC~/12V AC~ Transformer assembly constructed to BS 3535.

CF100 SELV PRODUCT CODES	
Standard	CF100LV
Pull Cord	CF100LVS
Timer	CF100LVT
Humidistat / Timer	CF100LVHTS
Continuous Trickle / Pull Cord Boost	CF100LVTRS

WIRING INSTALLATION

WARNING: isolate from Power Supply before commencing work

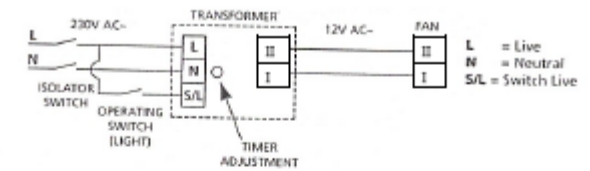
WIRING REQUIREMENTS FOR DOMESTIC ELECTRIC FANS

It is recommended that fans be connected into the lighting circuit, with double pole (3mm) isolation provided before the room light switch and suitably fused, in accordance with IEE Regulations.

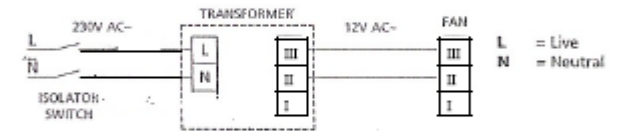
Window Fans should be connected to power supply using a flexible cord with conductors of between 0.75 and 1.5mm² only.

Wall and ceiling mounted fans for fixed wiring should be connected to the power supply via a cable with solid conductors of 1mm² to 1.5mm² only.

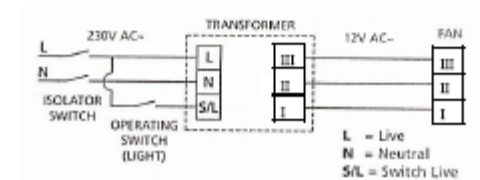
CF100LVT - TIMER MODEL



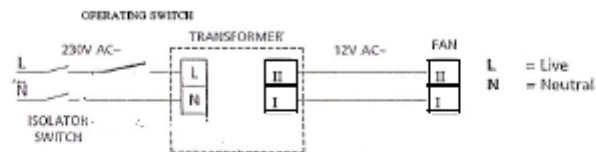
CF100LVTRS - TRICKLE / PULL CORD BOOST MODEL



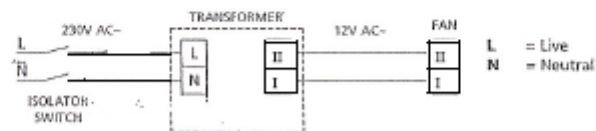
CF100LVHTS - HUMIDISTAT/TIMER MODEL



CF100LV - STANDARD MODEL



CF100LVS - PULL CORD MODEL



WIRING INSTRUCTIONS

WARNING: isolate Power Supply before commencing work

IF IN DOUBT, PLEASE CONSULT A QUALIFIED ELECTRICIAN