

# Continuum Centrifugal Fan

Part F & L Approved

## Domestic Range

### CONTINUUM CENTRIFUGAL



The Continuum fan is designed to provide silent, continuous ventilation to any W.C., bathroom, utility room or kitchen. It can be mounted on walls or ceilings, requires low maintenance, includes a long life, low energy motor and is designed for automatic, trouble free operation.

Provides an alternative to higher priced filterless fans, without compromising on function or performance.

- Low SFP – down to 0.18
- One fan for all rooms - W.C., Bathroom or Kitchen - mains and SELV versions available
- Low energy motor - saving running costs with only 1.5 Watts at trickle speed
- Easy clean and filterless - reducing maintenance
- It is designed for surface or flush mounting due to the unique cassette design of the motor and impeller assembly. The rear spigot can be mounted in 2 positions allowing for rear exit or connecting to a vertical ducted system
- 98mm spigot for speedy installation on any 100mm ducting – Rigid or flexible duct can be used
- Integrated humidity sensor providing automatic operation when needed
- Designed to run continuously with a boost function to comply with Part F & L

### Why choose continuous running fans?

Continuous running fans, like the Continuum range, have been designed to meet the requirements of the Building Regulations for bathrooms, kitchens, utility rooms and toilets. The fan is designed to run all of the time, keeping homes fresh, healthy and free from condensation.

### What does it do?

The fan is designed to run continuously at a very low rate and boost automatically when required. The low running rate means it has extremely low noise levels. In addition even though the fan will be running continuously, running costs will still be low because this fan costs less to run than a low energy light bulb!

### How will it help?

This fan will help prevent the build-up of moisture in the home by removing steam and odours created whilst cooking and bathing. This will help reduce the risk of black mould forming on walls and behind cupboards.



# Technical Details

## Cat. No.

## Product type

### CRCHTP - Mains voltage fan

The fan runs continuously on a trickle speed. An optional single boost speed (two speeds available, lower or higher boost dependant on requirement) can be selected at installation.

### CRCHTPLV - SELV fan

The integral pullcord switches the fan on and off to the selected boost speed.

An integral, adjustable humidity sensor will also boost the fan to the selected speed. An integrated overrun timer activates when the humidity drops to the pre-set level.

An integrated switch live also enables remote switching to boost. When the remote switch is deactivated the fan will also overrun for the period set at installation.

The LED will come ON when either the switched live, pull cord or humidity sensor is activated.

## Packaging

Continuum in outers of 10 measuring 753mm x 283mm x 390mm – weight 12kg

## Installation

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

## Electrical

220-240 V/AC. 50Hz single phase powering a DC motor consuming 1.5W on trickle, 2.5W on low boost and 8W on high boost. 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

Sound volume: 36.0 dB(A)

Maximum operating temperature: 40°C

## SFP

The SFP at various speeds;

Trickle = 0.18

Lower Boost = 0.19

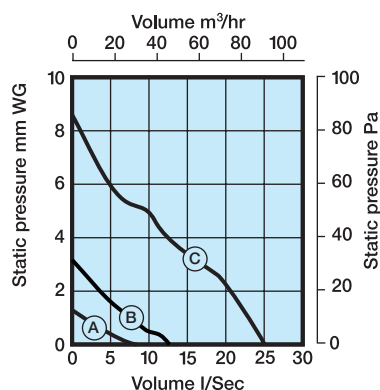
Boost = 0.32

## Performance Graph

(A) Trickle, 8 litres per second

(B) Lower Boost Speed, 13 litres per second

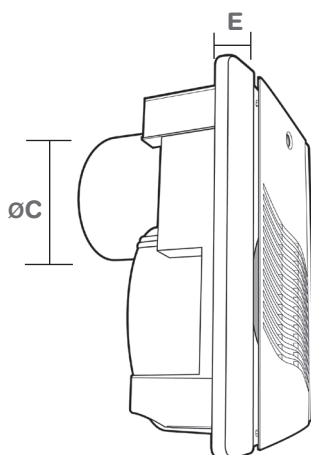
(C) Higher Boost Speed, 25 litres per second



## Dimensions (mm)

PRODUCT	A	B	ØC	D	E
Continuum	210	265	100	90	17

### Flush Fitting



### Surface Mount

