

# Vent-Trex - General Information

## - User Guide

Vent-Trex is a unique combined overhead extract fan and trickle ventilator for kitchens and bathrooms that fits within the aperture on top of the window frame.

Vent-Trex is ideal for refurbishment situations where wall penetration is undesirable, as it does not damage the fabric of the building or where external aesthetics need to be preserved.

It provides a trickle ventilation performance Equivalent Area (EA) of 2500mm<sup>2</sup> minimum and extract ventilation rates to suit either kitchens or bathrooms.

Motor protection: IP24 Rating CE marked according to LVD and EMC directives.

Equivalent Area figure of 2500mm<sup>2</sup> achieved with a 300mm long fan.

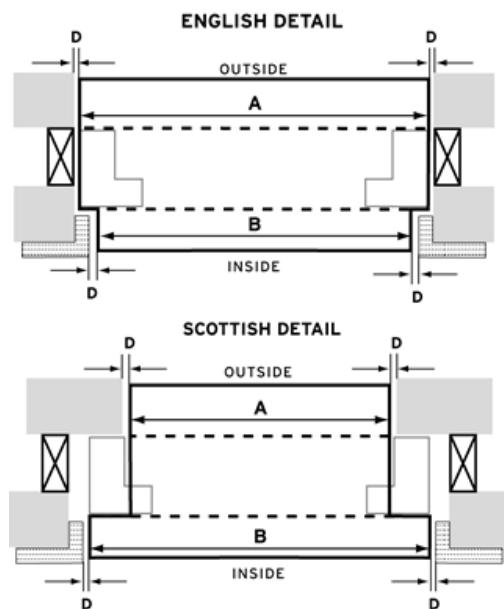


Right hand option shown  
(viewed from the inside)

## Measuring

1. VENT-TREX can be supplied for a 'parallel' (typically English) or a 'check' (typically Scottish) reveal, please refer to diagrams below.
2. These are intended only as general illustrations. Specific installation details may vary & should always be checked on site prior to order.
3. Allow for uneven reveals & check dimensions at more than one point.
4. Allow for power cable if required to exit from end of unit.
5. Round A & B measurements down to nearest 5mm increment i.e. 973mm will be 970mm after tolerance).

## Required Measurements



A = External width (canopy width)

(Brick to brick or render to render)

B = Overall width of fan unit.

(Plaster face to plaster face)

D = Allowance for fitting (typically 5mm)

## Pull Cord Length - 1m Long

**Finish** - Standard finish is white RAL 9010, other internal and external painted finishes are available, dependent upon volume.

**Handing** - Units can be either left or right hand, viewed from the inside. Right denotes the side the snib, pull cord and indicator light are at. (see photo above).



### End Entry

Generally used where cables are being buried into the wall.

### Front Entry

Generally used where cables are running inside surface mounted trunking.

**Slider** - The unit can be supplied with a slider or without a slider. Moving the snib, which is attached to the slider, closes and opens the vent. Where the slider is not fitted the unit will be permanently open, as picture 1



### Slider

Shows slider open,



### Slider

Shows slider closed.

## Remote PSU photo



Remote PSU – fits into 40mm double patress box (not supplied)

## Fan Sizes

Fan sizes lengths will be varied to suit the space within the unit.

### Kitchen options

- 600mm
- 500mm
- 300mm
- 200mm

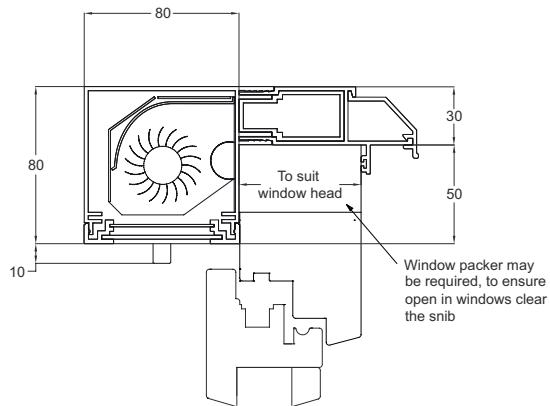
N.B. where fans are continuous running configuration, two fans are fitted, one permanently running the other runs when in high speed.

### Bathroom options

- 300mm
- 200mm

## Operation Clearance

Particular attention should be made to configurations with an open in window, sufficient clearance is required to ensure the opening window does not clash with the snib. In addition access to pull cord must be considered, remote switching may be preferable.



## Mobility Access

Consideration should be given to ensure that were used, the integral pull cord is reachable. Remote switching may be preferable.

## Acoustic Performance – As passive vent

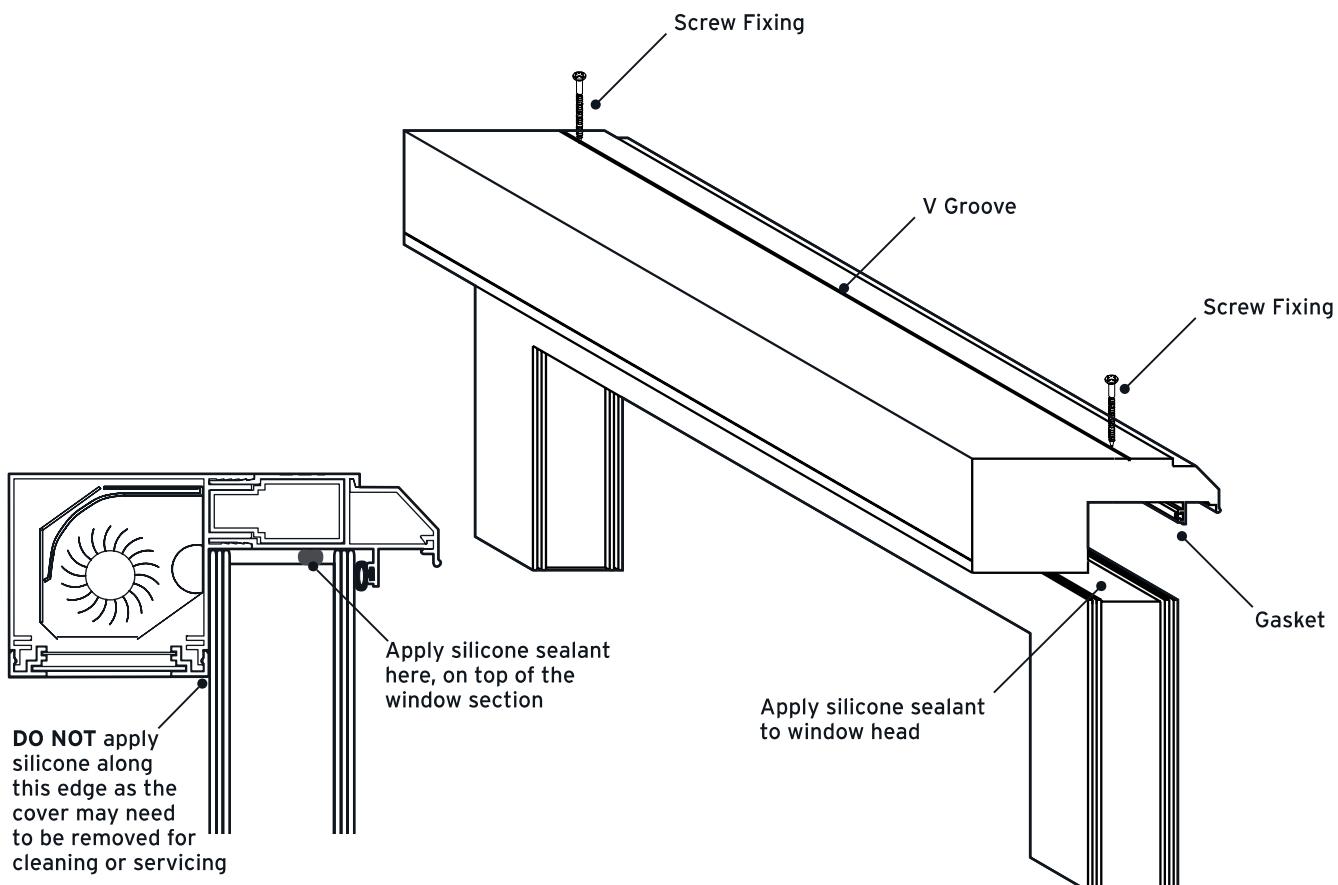
	Condition	D n.e.w
Vent Trex Kitchen @ 575mm long	Open	33 (-1,-2)
Vent Trex Kitchen @ 575mm long	Closed	41 (-0,-2)
Vent Trex Bathroom @ 600mm long	Open	33(-1,-2)
Vent Trex Bathroom @ 600mm long	Closed	41 (-0,-2)

## Fitting instructions

1. Before applying the VENT-TREX unit to the window head, it is recommended VENT-TREX unit and host window are measured to ensure correct fit to structural opening without obstruction.
2. Apply silicone sealant (such as non-acidic low modulus silicone rubber to BS 5889: 1989) to top of window head section towards outside edge.
3. Fit VENT-TREX unit to window head ensuring gasket makes good contact.
4. Pre drill screw fixing holes along V groove located on overhead section. For units up to 900mm two 4.5mm O pan head screw fixings are recommended as close to ends as practicable (without interfering with window joints). For units over 900mm additional intermediate fixings are recommended at approx 700mm maximum hole centres. Do not over tighten fixing screws.
5. Fit window complete with VENT-TREX into opening. Ensure electrical flex is not hindered.
6. Point gap between VENT-TREX and surrounding substrate externally to provide weatherseal using silicone sealant (such as non-acidic low modulus silicone rubber to BS 5889: 1989).

Cut pull cord to suitable length for operation.

Sealant is not necessary along edge of VENT-TREX adjacent to window profile. (See Diagram next page)



#### Gas Safety Warning

Open flue gas appliances - Care should be taken to ensure extract fan does not cause spillage of flue gases. We recommend consultation with a qualified and CORGI registered engineer prior to fitting.

## Maintenance

All maintenance/fault finding/repairs must be completed by a competent person.

**Safe isolation procedures must be followed when working on these units.**



The units are designed to be maintenance free under normal use. External faces to be cleaned using a damp cloth and mild detergent. Stains not removable with soapy water may be removable using domestic non-abrasive cleaner. Do not use to excess as they may affect the finish

## IMPORTANT SAFETY NOTICE

This appliance can be used by children aged from 8 years and above and person with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand hazards involved.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

Precaution must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning appliances.