

# Vent-Trex - Cord Control Configuration

## - User Guide

### Read in conjunction with Common Information document

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.



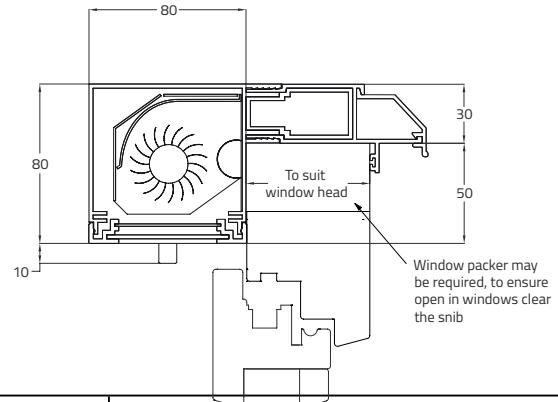
Right hand option shown  
(viewed from the inside)

The unit is provided with a number of different options, this being:-

- Built in humidity sensor, which detects a change in humidity to trigger the unit
- Remote PSU – low voltage option for bathrooms (12v)
- External mesh - reducing the likelihood of large insects, leaf etc. entering the unit.

### Available sizes

- The unit can be made to suit windows of depth from 58mm to 250mm
- Maximum single length 4000mm



|                | <b>Minimum Length to Achieve 30l/s<br/>Low Speed 60 l/s high speed</b> | <b>Minimum achievable width*</b> |
|----------------|--|----------------------------------|
| <b>Kitchen</b> | 1200mm   | 450mm                            |

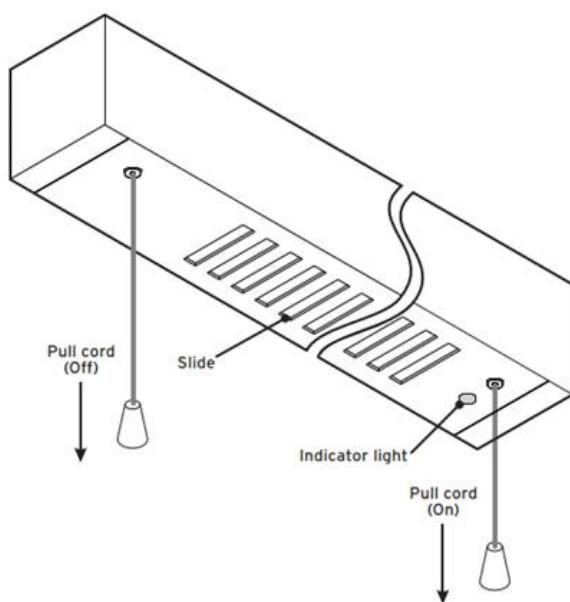
|                                   | Minimum Length to Achieve 15l/s | Minimum achievable width* |
|-----------------------------------|---------------------------------|---------------------------|
| <b>Bathroom with integral PSU</b> | 540mm                           | 450mm                     |
| <b>Bathroom with external PSU</b> | 410mm                           | 380mm                     |

\*Fan lengths will vary with unit width.

# Operation

| Kitchen (Two Speed)  | Bathroom (Single Speed)  |
|--|--|
| <ul style="list-style-type: none"> <li>Pull the 'On' cord to switch the fan on and open the slide. The fan and indicator light will come on.</li> <li>The fan will run at high speed for approx. 10 minutes, then automatically reduce to the low speed.</li> <li>To reset fan to boost speed, pull the 'Off' cord until the LED indicator goes off then pull the 'On' cord.</li> <li>Pull the 'Off' cord to turn fan off and close the slide, fan and indicator light will go off.</li> </ul>   | <ul style="list-style-type: none"> <li>Pull the 'On' cord to switch the fan on and open the slide. The fan and indicator light will come on.</li> <li>Pull the 'Off' cord to turn fan off and close the slide, fan and indicator light will go off.</li> </ul>   |
| <p><b>With humidity sensor</b></p> <ul style="list-style-type: none"> <li>Pull the 'On' cord to switch the fan on and open the slide. The fan and indicator light will come on.</li> <li>The fan will run at high speed for approx. 10 mins, then automatically reduce to low speed and run until humidity drops to the humidistat determined level.</li> <li>Fan will re-start automatically at high speed should the humidity exceed the determined level.</li> <li>To start the fan running regardless of humidity, pull the 'Off' pull cord to shut the slide and turn the fan 'Off' until the led indicator lamp goes off, then pull the 'On' cord to start it again.</li> <li>Pull the 'Off' cord to turn fan off and close the slide, fan and indicator light will go off.</li> </ul> | <p><b>With humidity sensor</b></p> <ul style="list-style-type: none"> <li>Pull the 'On' cord to switch the fan on and open the slide. The fan and indicator light will come on.</li> <li>The fan will run until the humidity drops to the humidistat determined level and the automatically stop.</li> <li>The fan will re-start automatically should the humidity exceed the determined level.</li> <li>To start the fan running regardless of humidity, pull the 'Off' pull cord to shut the slide and turn the fan 'Off' until the LED indicator lamp goes off, then pull the 'On' cord to start it again.</li> <li>To turn the fan off pull the 'Off' cord and close the slide and the fan and indicator light will go off.</li> </ul> |

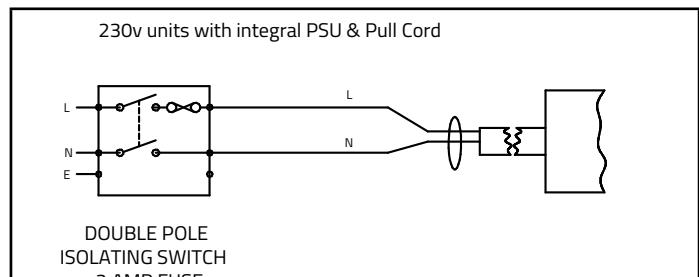
The humidity sensor is only functional when the fan is switched on. The cord adjacent to the indicator is the 'On' cord



# Wiring Diagrams

230v units are supplied with a 2m long two core mains cable.

Units with remote PSU are supplied with a low voltage cable 3m long to connect the Vent Trex unit to the remote PSU



## Power Consumption

12V Bathroom – 5W @ 15 l/s (540mm length) (Integral PSU).

20V Kitchen – 28W @ 60 l/s (1200mm length) (Integral PSU).