



## GV Chain Actuated VisionVent

Patent GB2514119

Operation and Maintenance Manual

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*"Technical experts in the design, manufacture and supply of precision engineered, architectural rooflights for residential and commercial buildings."*

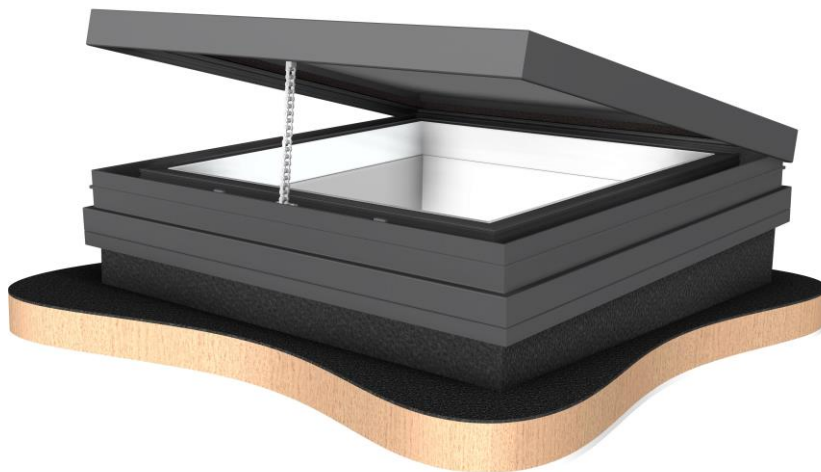


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## Introduction

Thank you for purchasing a Glazing Vision chain actuated VisionVent (*Figure 1*). We hope that it gives you many years of service.



*Figure 1 – Chain Actuated VisionVent*

## Controls and Operation

### Control Switch:

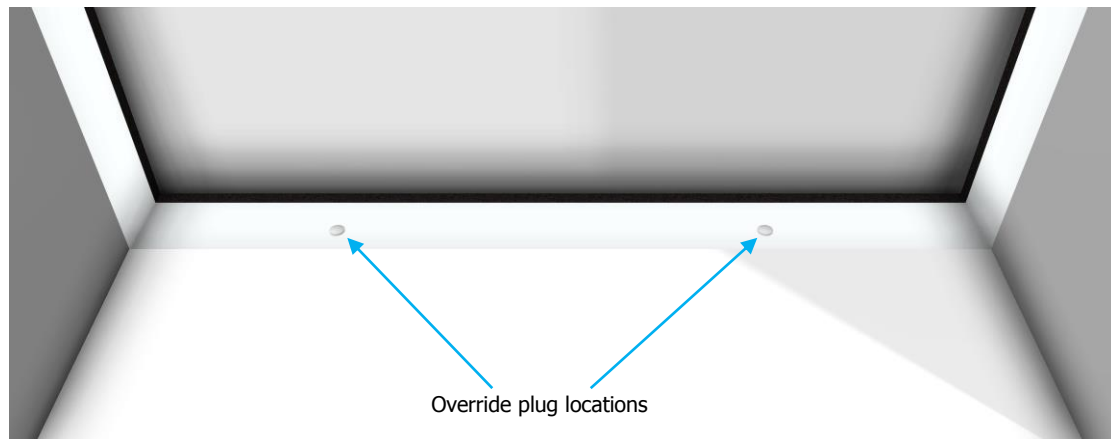
The standard operation is via the supplied wall switch and can be operated by pressing and holding the switch in the required direction to open or close. If the switch is released prior to the rooflight reaching a fully open or closed position the rooflight will stop. If the switch is held the rooflight will stop when it is fully open or closed (at this point the switch can be released).

### Rain Sensor Operation (Optional):

The rain sensor will override the vent and automatically close the rooflight in the event of rain.

## Manual Override

The VisionVent is equipped with a method of detaching the actuator in the event of failure to allow the vent to be opened or closed. Please see figure 2 for location points:



*Figure 2 – Override positions*

The plugs are located at the opening end of the rooflight. Carefully remove both plugs to reveal the holes. By inserting a 4mm Allen key and rotating counter-clockwise the fixings can be removed allowing the lid to be manually moved. Cables will still be attached so adjust lid slowly and take care not to damage the actuator.

## Cleaning the VisionVent

Due to the VisionVent's unique bonding method and the slight pitch built into the kerb, there should be no water ponding on the glass when installed correctly. To clean the glass, any standard glass-cleaning product can be used. Routine cleaning of the powder coated finish must be implemented for the warranty to be valid, and a record of cleaning schedules will be required in the case of a claim. This should be done every 6 months.

The best method of cleaning is by regular washing of the coating using a solution of warm water and mild detergent. All surfaces should be cleaned using a soft cloth or sponge, using nothing harsher than natural bristle brushes. If atmospheric pollution has resulted in heavy

soiling of the coating, then nothing harsher than white spirit should be used. Under no circumstances should chlorinated hydrocarbons, esters, ketones or abrasive cleaners be used.

## **General Maintenance & Safety**

To keep the VisionVent in good working order there are a few basic points that should be observed:

- Do not place anything on the lid or cause obstruction to the lid of the VisionVent when opening the unit as this may cause damage to the unit's mechanisms.
- Do not walk on the unit.
- Make sure fingers and other obstructions are clear of the vent before closing the unit.
- It is recommended that a general inspection is carried out on the unit wherever possible at least once every 6 months.
- Glazing Vision, if required, can offer a service / maintenance contract. Please contact our project office for further details.
- Keep the frame clear of general dirt and debris particularly around the opening mechanism.
- Do not allow unauthorised persons (e.g. Children) to operate the rooflight as this may lead to injury or damage to the product.

## **Troubleshooting**

If the vent fails to operate please check the mains supply is switched on and all connections are terminated correctly. Failing these checks please contact Glazing Vision for further assistance.

## **Standard Glass Specification and Breakage Instructions**

### **Glass Specification**

The standard glass used within the VisionVent comprises a 6mm HST toughened outer pane, a 20mm warm edge spacer argon filled black silicone sealed cavity and a 6mm HST soft coat Low E toughened inner pane. However, various options are available at time of order. If specific data is required for the glazing please contact Glazing Vision for a glass data sheet for the specification installed within your rooflight.

### **Breakage Instructions**

Should the double glazed unit break for any reason, a new lid would need to be supplied due to the unique method of bonding the glass unit into the frame. Glass breakage is not covered by the product warranty unless the breakage is a direct result of Glazing Vision Limited or its product failing. In the event of the glass being damaged please contact Glazing Vision for assistance.

## **COSHH and Safe Disposal**

There are no hazardous materials used in the construction of the VisionVent. Wherever possible when disposing of the VisionVent recycle as much as possible. Do not burn any plastic materials. The following materials are used throughout the VisionVent:

### **Framework**

- Aluminium extrusion
- Aluminium corner brackets
- Stainless steel fixings
- Stainless steel slider strips
- Low modulus silicone
- PVC foam tape
- Acrylic adhesive (corner joints)
- Polyester powder coated finish
- Closed cell PIR foam insulation
- EPDM rubber gaskets
- Polyamide thermal break strips
- Polyethylene backing rod
- Toughened glass panes
- Warm edge spacer bar
- White polypropylene (PP) cover plate
- Grey polyvinyl chloride (PVC) cover plate (integrated unit)

### **Mechanisms and control**

- Stainless steel fixings
- Chain actuator

## **Product Warranty**

A warranty document will be provided with the kerb. If this is misplaced it can be found at [www.glazingvision.co.uk/resources/warranties/](http://www.glazingvision.co.uk/resources/warranties/)