

Technical Data Sheet

Chain Visionvent Rooflight

401-TDS-UK-003 – v1.6 – 01 Jul 2026

Name: Chain Visionvent

Type: Chain actuated hinged rooflight

Description:

The Chain Visionvent is a thermally efficient product designed to provide ventilation. The product can be opened to a maximum height of approximately 289 mm using one/two chain actuators (depending on size).

This product is robust and long-lasting, boasting excellent thermal performance, air tightness and reliable operation.

Intended Use/Safety: Hinged rooflight to provide natural daylight, day-to-day ventilation and weather resistance. It is not suitable for use as access.

External Weathered Upstand Dimensions:

Min Span:	808 mm	Max Span:	2365 mm
Min Width:	1000 mm	Max Width:	2400 mm
Min Area:	0.80 m^2	Max Area:	2.25 m^2
Min Upstand Pitch:	3°	Max Upstand Pitch:	70°

Glazing Vision recommends a pitch of at least 5°.

Note that the minimum and maximum span, width and pitch are dependent on various factors, your technical sales advisor will be happy to advise on these. Further information on upstand requirements and product dimensions can be found on our website or by contacting your technical sales advisor.

Glazing: A wide variety of glazing specifications are available for this product. Your technical sales advisor will be happy to answer any questions regarding specific glass specifications or glazing performance requirements. Otherwise, quotes include suitable and cost effective glazing proposals.

Standard Colours: Qualicoat approved RAL 7015 slate grey outer, RAL 9010 pure white inner.

Control, Power and Drive: The product is operated using a supplied wall mounted switch connected to a control box mounted inside the product framework via a flying lead.

The product's power requirements are fulfilled by direct mains power.

The unit is driven by one/two chain actuator mechanisms that are mounted along the opening edge of the product, and in the event of power failure, can be manually overridden.

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Performance and Weathertightness:

The product comprises thermally broken aluminium sections consisting of polyamide thermal breaks and closed cell PIR insulation thermally isolating the inner and outer frame sections. The lid frame of the product employs a dual hardness EPDM insulating gasket to thermally isolate the frame from the interior of the building. Structural integrity is assured through the use of finite element analysis (FEA) and testing.

U-values are calculated for each product and will be supplied in our quote. Further information and specific performance details can be obtained from your technical sales advisor.

The product is sealed to the upstand using silicone and fixed in place with structural fixings which are concealed by a clip-on cover leaving a sleek external finish. Sealing between the base frame and the lid frame is achieved using a combination of silicone bubble seals and dual hardness EPDM gasket.

The product has been thoroughly tested.

Security and Certification:

This product is designed with security as a priority. The mechanisms cannot be back driven and cannot be tampered with from the outside.

This product is tested to LPS2081 Issue 1:2015. It is approved by the Loss Prevention Certification Board (Cert/LPCB ref: 1347a) and Secured by Design:

Secure (Security Rating A)
The inner pane must be at least 8.8 mm PVB laminated glass (two 4 mm thick panes separated by an 0.8 mm thick PVB interlayer).

WARNING: RISK OF ENTRAPMENT

To prevent severe injury from moving parts:

- **Install Out of Reach:** This motor-operated window must be installed at a height where it cannot be reached by children or the general public. A minimum installation height of **2.5 metres (8.2 feet)** above the floor or access level is strictly recommended.
- **Keep Clear:** Ensure all persons, clothing, and objects remain clear of the window frame and moving mechanisms during operation.
- **Supervise Operation:** Position manual switches or remote controls in full view of the window, but completely out of reach of children (minimum **1.5 metres** above the floor). Never allow children to play with window controls.
- **Automated Systems:** If the window is connected to automated systems (like rain or wind sensors), ensure users know the window may close unexpectedly without warning.

Optional Extras:

The following optional extras are available for this standard product at additional cost:

Easy Clean Coating:	A coating applied to the external face of the glass that facilitates water run-off. Helps the glass stay cleaner for longer and makes cleaning easier.
Special Colour(s):	This product has separate inner and outer colours as standard. Each can be swapped for a special colour.
Rain Sensor and Thermostat:	Single unit that automatically operates the product to regulate the temperature within the building, and also automatically closes the product when moisture is detected.
Upstand Top Trim:	Cover designed to mask the top of upstands which may be visible through glass when viewed from above. Includes detail to recess standard plasterboard.

A suite of sales drawings is available.
Bespoke options may be available upon request but may incur additional design fees – contact your technical sales advisor for more information.

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