

Technical Data Sheet

GLAZING VISION

Manual Crank Pitchvent

PV-CRANK-TDS-v1.0-19.02.18

Name:	GV Standard Manual Crank Pitchvent
Code:	202
Type:	Opening roof window for ventilation
Description:	A manually operated opening roof-window comprising thermally broken polyester powder-coated aluminium sections and a double or triple glazed unit. Designed to be installed between 15° and 60° from horizontal.

Features:

Pitchvent roof-windows are designed to provide maximum daylight with minimal visible internal structure.

The product is fixed into the roof structure from the inside. Once installed, internal finishes should then be built up to conceal these fixings.

The product is manually actuated by winding the telescopic spindle. Glazing Vision will supply one crank handle with each rooflight as standard, but multiple crank handles can be ordered if required. The standard length is 1.5m long.

Base and lid manufactured using thermally broken aluminium extrusions featuring polyamide breaks.

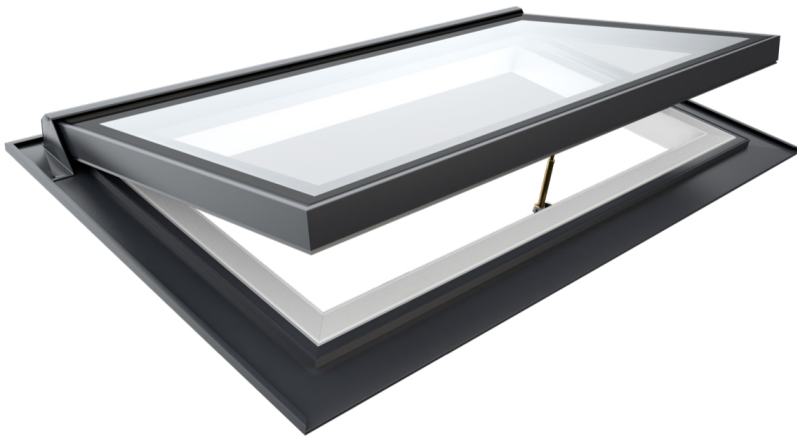
Technical product catalogue of data including; sales drawings, schedule and manufacturing information.

Internal Viewable Double Glazed:	Min Span	800mm	Max Span	1500mm
	Min Width	800mm	Max Width	1500mm
	Min Pitch	15°	Max Pitch	60°

Maximum Internal Viewable Span and Internal Viewable Width are determined by the opposing dimension, glass specification and pitch - check with manufacturer prior to specification that your dimensions are acceptable.

Further information on critical dimensions is available on Glazing Vision standard drawings.

U-values:	Example toughened glass with nominal 1500mm Internal Viewable Span x 1000mm Internal Viewable Width:
	Double glazed
	U _g = 1.1 W/(m ² K)
	U _w = 2.5 W/(m ² K)
	U _d = 1.6 W/(m ² K)

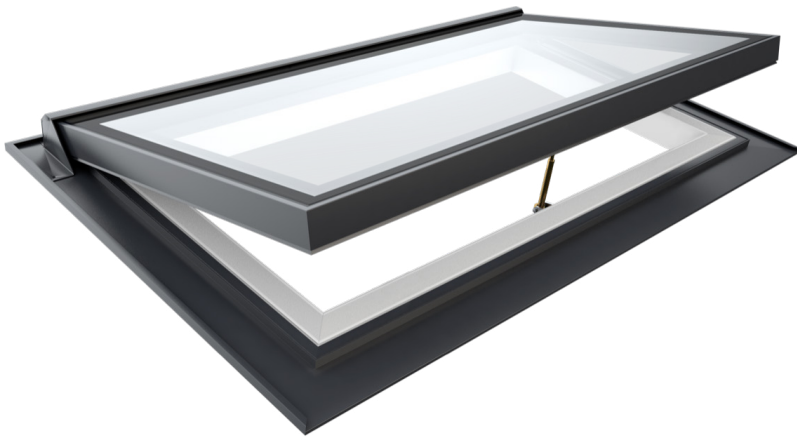


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Example Glass Specification:	Double glazed Outer: 6mm HST Clear toughened Spacer: 20mm Black warm edge silicone-sealed argon-filled cavity Inner: 6mm HST Clear soft low E toughened Double glazed (laminated) Outer: 6mm HST Clear toughened Spacer: 16mm Black warm edge silicone-sealed argon-filled cavity Inner: 9.5mm Clear soft low E heat strengthened laminated
Standard Colour:	Qualicoat approved RAL 7015 slate grey external framework, RAL9010 pure white internal framework.
Rooflight Control:	Manual
Power Supply:	NA
Drive Mechanism:	Manually operated telescopic spindle (brass finish as standard).
Thermally Broken:	Polyamide thermal breaks and concealed closed-cell PIR insulation.
Seals:	Combination of silicone, bubble and blade seals.
Security:	Sealed to the roof using silicone and polybutyl, mechanically fixed from the inside with woodscrews and lapped under the surrounding tiling. The telescopic spindle is structurally fixed to the internal framework of the roof window.
Use for Access:	No



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CAD Drawings:

Drawing Number	Description
202-ASS-001	General dimensions (including positions of fixings)
202-ASS-002	Standard installation
202-ASS-003	Sunken installation
202-ASS-004	Raised installation
202-ASS-005	Section views
202-ASS-007	Manual crank Pitchvent general arrangement details

Optional Extras:

Remote Control:	No	RITEC Coating:	Yes
Rain Sensor:	No	Dual Colour:	Yes
Solenoid Bolt:	No	Thermostat:	No
BMS Integration:	No	Downlighter:	No
Trickle Vents:	No	Multi-Part:	No
Wall Abutted:	No	Special Colour:	Yes
Battery Back-up:	No		



EN 14351-1:2006+A2:2016

Test	Standard	Classification / Declared Value
Air Permeability	BS EN 12207	Class 4 / 600 pascals
Watertightness	BS EN 12208	9A / 600 pascals
Wind Resistance	BS EN 12210	Class 4C / 1600 pascals



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