



Technical Data Sheet
**GLAZING
VISION**

Three Wall Box Rooflight

TWB-TDS-v2.2-12.12.2018

Name: GV Standard Three Wall Box (3WB)
Code: 606
Type: Sliding access rooflight
Description: Single sliding door retracting over fixed glazing

Features:

Large range of standard sizes available to cater for various applications. Designed to allow direct access from a stairwell to a rooftop terrace or similar.

Thermally broken, double glazed as standard.

Drive mechanism override to allow the unit to be opened and closed manually when required.

Carriage designed to include wheels with the largest possible diameter, reducing the rolling resistance on the rails. Wheels contain heavy duty roller bearings for extended life.

Kerb Dimensions:	Min Internal Height = 300mm	Max Internal Height = 1500mm
	Min Span = 1100mm	Max Span = 2400mm
	Min Width = 1700mm	Max Width = 4200mm

Kerb information = See 606-ASS-107

Maximum Span and Width is determined by the opposing dimension - check with manufacturer prior to specification that your dimensions are acceptable.

Further information on critical kerb dimensions is available on drawing reference 606-ASS-107.

Example Glass Specification: Outer: 6mm HST Clear toughened
Spacer: 16mm Black warm edge silicone-sealed argon-filled cavity
Inner: 6mm HST Clear soft low E toughened

$U_g = 1.1 \text{ W}/(\text{m}^2\text{K})$



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- Standard Colour: Qualicoat approved RAL 7015 slate grey outer, RAL 9010 pure white inner.
- Rooflight Control: Glazing Vision control board and magnetic limit switches.
- Power Supply: External 24V, 14.6A, 300W switch mode power supply.
- Drive Mechanism: Rack and pinion drive
- Thermally Broken: Yes
- Seals: Combination of rubber seals and brush strip.
- Security: Anti-Lifting mechanism to prevent disengagement of drive mechanism via vertical movement of sliding frame.
- Use for Access: Yes

CAD Drawings:	Drawing Number	Description
	606-ASS-101	Client Wiring Details
	606-ASS-102	General Views
	606-ASS-103	Section A-A (from 606-ASS-102)
	606-ASS-104	Section B-B (from 606-ASS-102)
	606-ASS-105	Section C-C (from 606-ASS-102)
	606-ASS-106	Section D-D (from 606-ASS-102)
	606-ASS-107	Kerb Detail

Optional Extras:	Remote Control:	Yes	Proximity Detection:	Yes
	Rain Sensor:	Yes (Remote Mounted)	Battery Back Up:	Yes
	Solenoid Bolt:	Yes	Dual Colour:	Standard
	Thermostat:	Yes	Special Colour:	Yes
	BMS Integration:	Yes	Easy Clean Coating:	Yes
	Trickle Vents:	No	Downlighter:	No
	Wall Abutted:	Yes (standard)	Multi-Part:	Yes (bespoke)
	External Key Switch:	Yes	External Keypad:	Yes
	Rain Sensor Overrides:	Internal isolator switch: Yes		
		External isolator key switch: Yes		
	Timed secure open button: Yes			

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