

Product Data Sheet



Name: GV Standard Free Standing Box

Code: 607

Type: Sliding rooflight

Description: Single sliding door retracting over fixed glazing.

Features: No visible kerb fixings through the use of extruded external clip on cover.

Excellent overall thermal performance from polyester powder-coated aluminium extrusions integrated with 39mm polyamide thermal breaks, concealed closed-cell PIR insulation and options for double or triple glazing as standard. Excellent air tightness achieved with unique dual sliding seal system (patent applied for).

Structural integrity assured through the use of finite element analysis (FEA) and testing.

Advanced electronics control system installed, offering low opening currents and a dedicated building management system (BMS) input.

Reliable operation through concealed single or twin drive mechanism with one way clutch and solenoid security feature as standard. Drive mechanism powered by an external 24V power supply. A battery backed supply option is available as an external optional extra.

Catalogue of product support data including; sales drawings, schedule and manufacturing information.



**Standard Glass
Specification:**

Triple glazed
Outer: 4mm HST Clear toughened.
Spacer: 14mm Black warm edge silicone-sealed argon-filled cavity.
Centre: 4mm HST Clear soft low E toughened.
Spacer: 14mm Black warm edge silicone-sealed argon-filled cavity.
Inner: 4mm HST Clear soft low E toughened.

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.

U-values:

For 2500mm x 1250mm x 1200mm external kerb dimensions	
Triple glazed	Double glazed
Uw = 5.1 W/m ² K	Uw = 7.5 W/m ² K
Ud = 1.1 W/m ² K	Ud = 1.6 W/m ² K

Standard Colour:

RAL 7015 slate grey outer, RAL9010 pure white inner.

Rooflight Control:

Glazing Vision's 'OR' control board and magnetic limit switches.

Power Supply:

External 24V, 14.6A, 300W switch mode power supply.

Drive Mechanism:

Twin rack and pinion drive with solenoid security one way clutch as standard.

Thermally Broken:

39mm Polyamide thermal breaks and concealed closed-cell PIR insulation.

Seals:

PVC coated foam seal sliding seal.
Silicone seal on closing edge.

Security:

Built in anti-lifting mechanism to prevent disengagement of drive mechanism via vertical movement of sliding frame.

Kerb Dimensions:

Min Height = 300mm	Max Height = 1500mm
Min Thickness = Variable (607-ASS-202)	
Min Span = 1100mm	Max Span = 2400mm
Min Width = 1700mm	Max Width = 4200mm

NOTE: MAXIMUM SPAN/WIDTH VARIES DEPENDENT ON THE OTHER. ALWAYS USE THE SCHEDULE TO CONFIRM SIZES.

Use for Access:

Yes.



Sales Drawings:

<u>Drawing Number</u>	<u>Description</u>
607-ASS-001	Product overview
607-ASS-002	Kerb detail
607-ASS-003	Section A-A
607-ASS-004	Section B-B
607-ASS-005	Section C-C
607-ASS-006	Detail A-B-C
607-ASS-007	Detail D-E-F
607-ASS-008	Section A-A DGU
607-ASS-009	Section B-B DGU
607-ASS-010	Section C-C DGU
607-ASS-011	Detail A-B-C DGU
607-ASS-012	Detail D-E-F DGU
607-ASS-013	Client wiring diagram

Optional Extras

Remote Control:	YES	Proximity Detection:	YES
Rain Sensor:	YES	Round:	N/A
Solenoid Bolt:	AS STANDARD	Dual Colour:	AS STANDARD
Thermostat:	YES	Special Colour:	YES
BMS Integration:	YES	Ritec Coating:	YES
Trickle Vents:	N/A	Downlighter:	NO
Wall Abutted:	NO	Multi-Part	N/A
External Key Switch:	YES	External Keypad:	YES
Rain Sensor Overrides:		Battery Back-up	YES
Internal isolator switch:	YES		
External isolator key switch	YES		
Timed secure open button:	YES		

