



Technical Data Sheet  
**GLAZING  
VISION**

**Skyhatch Electric**

SHE-TDS-v1.8-30.11.2018

Name: GV Standard Skyhatch Electric  
Code: 407  
Type: Hinged access and/or ventilation rooflight  
Description: Electrically-actuated thermally-broken hinged rooflight

Features:

Excellent overall thermal performance with concealed insulation. Kerb fixings are hidden through the use of extruded external clip-on cover. Reliable operation through synchronised mechanisms employing encoder feedback. The dual-lift mechanism provides stability in the open position. It offers good security and unobstructed clear views. Advanced electronics control system offering low opening currents. Dedicated building management system (BMS) input.

The primary function of the Skyhatch is to provide access, opening to a maximum angle of approximately 80°. It can also be used for ventilation opening to any angle the user requires. It is controlled by GV's wall-mounted LED control switch, responding to both one-touch and press-and-hold requests.

The Skyhatch electric is powered by an external 24V power supply as standard. Glazing Vision will provide one power supply for each Skyhatch Electric purchased. In the event of mains failure the Skyhatch will cease to function. A battery-backed supply is available as an optional extra.

The Skyhatch mechanisms have an encoder output used by the control electronics to achieve closed-loop synchronisation.

Kerb Dimensions:	Min Kerb Thickness:	100mm	Min Kerb Height:	150mm
	Min Span:	800mm	Max Span:	1500mm
	Min Width:	800mm	Max Width:	2000mm
	Min Pitch:	3°	Max Pitch:	10°

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

Example Glass Specification: Double glazed  
Outer: 6mm HST Clear toughened.  
Spacer: 20mm Black warm edge silicone-sealed argon-filled cavity.  
Inner: 8.8mm Clear soft low E laminated.

OTHER GLASS SPECIFICATIONS ARE AVAILABLE



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CAD Drawings:	Drawing Number	Description
	407-ASS-001	Skyhatch electric general arrangement details
	407-ASS-002	Skyhatch electric kerb detail
	407-ASS-003	Skyhatch electric section A-A
	407-ASS-004	Skyhatch electric section B-B
	407-ASS-005	Skyhatch electric detail C
	407-ASS-006	Skyhatch electric client wiring diagram
	407-ASS-007	Skyhatch electric rain sensor positioning
	407-ASS-012	Skyhatch thermostat wiring diagram
	407-ASS-013	Secondary control switch or BMS wiring diagram
	407-ASS-014	Skyhatch access keypad wiring diagram

Optional Extras:	Remote Control:	Yes	Easy Clean Coating:	Yes
	Rain Sensor:	Yes	Dual Colour:	Yes
	Solenoid Bolt:	NA	Special Colour:	Yes
	Thermostat:	Yes	External mounted Key Switch:	NA
	BMS Integration:	No	Downlighter:	NA
	Trickle Vents:	NA	Multi-Part:	No
	Wall Abutted:	Yes (bespoke)		

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