



Technical Data Sheet

GLAZING VISION

Electric VisionVent

VVE-TDS-v3.0-24.09.2018

Name:	GV Standard Electric VisionVent
Code:	401
Type:	Electrically hinged ventilation rooflight
Description:	Electrically-actuated thermally broken hinged rooflight (Patent: GB2514119)
BIM:	https://www.nationalbimlibrary.com/glazing-vision-ltd/visionvent-powered-operation-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 for the larger sizes, as well as good security and unobstructed clear views. Advanced electronics control system offering low opening currents.

There are two variants of electric VisionVent: Solo Electric Vent Only and Integrated Electric Vent Only. The integrated versions are similar to the Solo equivalent but are designed to be inset into Flushglaze framing as part of a multi-section rooflight.

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

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

Kerb Dimensions (solo):	Min Kerb Thickness:	100mm	Min Kerb Height:	150mm
	Min Span:	808mm	Max Span:	2365mm
	Min Width:	845mm	Max Width:	2400mm
	Min Pitch:	3°	Max Pitch:	70°
Kerb Dimensions (integrated):	Min Kerb Thickness:	100mm	Min Kerb Height:	150mm
	Min Span:	902mm	Max Span:	2402mm
	Min Width:	882mm	Max Width:	2402mm
	Min Pitch:	3°	Max Pitch:	70°

Example Glass Specification:	Outer:	6mm HST Clear toughened.
	Spacer:	18mm 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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Standard Colour:	Qualicoat approved RAL 7015 slate grey outer, RAL9010 pure white inner (base interior)
Rooflight Control:	Intelligent wall switch as standard. Optional controls available.
Power Supply:	External 24V 300W mains-powered supply.
Drive Mechanism:	Motor-driven scissor linkage mechanism with encoder feedback.
Thermally Broken:	Yes.
Seals:	Combination of silicone, TPE bubble seals and dual-hardness EPDM gasket.
Security:	Tested to LPS2081 Issue 1:2015. Approved by the Loss Prevention Certification Board (Cert/ LPCB ref: 1347a) Approved Secured by Design.
Use for Access:	Vent only.

CAD Drawings:	Drawing Number	Description
	401-ASS-400	VisionVent General Arrangement
	401-ASS-401	VisionVent Kerb Detail
	401-ASS-402	VisionVent Rain Sensor Positioning
	401-ASS-403	VisionVent Client Wiring Diagram
	401-ASS-405	VisionVent Solo Electric Section
	401-ASS-406	VisionVent Integrated Sections
	401-ASS-407	Section A-A Through Integrated VisionVents
	401-ASS-408	Section B-B Through Integrated VisionVents
	406-ASS-411	VisionVent Wall Abutment Detail

Optional Extras:	Remote Control:	Yes	RITEC Coating:	Yes
	Rain Sensor:	Yes	Dual Colour:	Yes
	Solenoid Bolt:	No	Special Colour:	Yes
	Thermostat:	Yes	Security System Integration:	No
	BMS Integration:	No	Downlighter:	No
	Trickle Vents:	No	Multi-Part:	NA
	Wall Abutted:	Yes (bespoke)	Battery Backup:	Yes

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For technical support please call
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