

VELUX electric roof window GPU

VELUX®



The VELUX electric top-hung roof window combines panoramic view with effortless remote-controlled operation. Simply click on the wall switch to open and close the window. And if it rains, the rain sensor automatically closes it.

- The electrical top-hung window provides a panorama view combined with convenient electrical operation.
- The wall switch is pre-paired to work with your window right out of the box.
- Rain sensor automatically closes the window in the event of rain.
- Entrapment control detects objects in the bottom of the window
- The motors are hidden in the side frames and totally invisible from view.
- Easily open and close the roof window – even with furniture placed underneath.
- Electric-powered to allow for complete, seamless integration of your roof window into your home.



Application guidance

The window can be installed in roof pitches between 15° and 65° to the horizontal.



VELUX electric top-hung roof windows effortlessly open wide to create a balcony-like feeling with uninterrupted panoramic views. You can easily open the window using the convenient remote control, or add VELUX ACTIVE with NETATMO for a healthier indoor climate that can be controlled via the smartphone app.

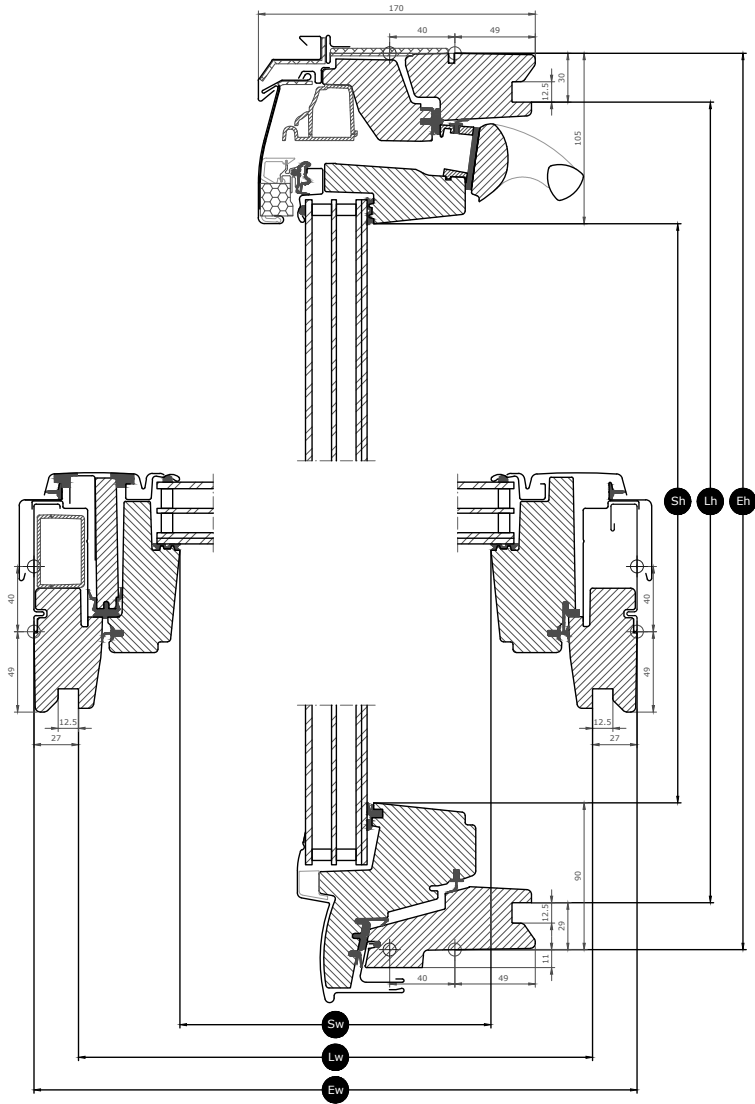
Available sizes and daylight area

The size overview shows the availability across the different glazing variants. Please note that the individual glazing variant may not be available in all the sizes shown.

<STEPTABLE O="Product-1383936-1" OT="Product" TF=" " TT="27997589" VC="Context4"
VO="26405707" W="Approved" />

All measurements are in mm. () = Effective daylight area, m²









Cross section dimensions



<STEPTABLE O="Product-1383936-1" OT="Product" TF=" " TT="32601067" VC="Context4"
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Glazing features

 Solar protection
 Security
 Safety lamination
 Toughened glass
 UV filter
 Rain noise reduction
 Easy-to-clean
 Anti-dew

Glazing structure

Glazing variant	Glazing unit	Variant composition

Technical values for the window

Overview of technical values for the product, covering among other, CE marking in accordance with EN 14351-1.

<STEPTABLE O="Product-1383936-1" OT="Product" TF=" " TT="20137741" VC="Context4" VO="26405707" W="Approved" />

Resistance to snow load = ** See glazing composition

NPD: No performance determined

<STEPTABLE O="Product-1383936-1" OT="Product" TF=" " TT="26341590" VC="Context4" VO="26405707" W="Approved" />

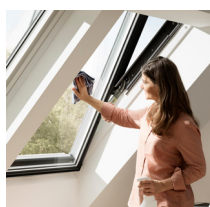
Interior finish

Material Description	White maintenance-free Finished with polyurethane lacquer.
Colour code NCS, inner surface	S 0500-N
Colour code nearest RAL, inner surface	9003

Exterior covers

Material Description	Aluminium, dark grey Dark grey	Untreated copper
Colour code NCS, outer surface	S 7500-N	No colour code
Colour code nearest RAL, outer surface	7043	No colour code

Cleaning and maintenance



To clean the outer glass surface from the inside, ensure the window is closed. From closed position, the window can be opened manually and rotated to be secured in cleaning position with barrel bolts.



VELUX repair and maintenance kits are available.

Guarantee period



All electrical components have a 3 year guarantee period. The full terms and conditions of the VELUX Product Guarantee are available on our website www.velux.co.uk or www.velux.ie

Flashings and installation products



Flashings

Install the VELUX roof window in virtually any roofing material by using genuine VELUX flashing solutions. Our flashings are designed specifically for the exact size and shape of the roof windows to create perfect, watertight fit. Flashings can also be used to combine multiple roof windows.

Installation products

Ensure a proper installation and an air- and watertight connection between the window and roof with VELUX installation products. All installation products are designed to perfectly fit the roof window for a reliable and durable result.

Further information

We reserve the right to make technical changes.

For more information on our products, please visit <https://www.velux.co.uk> or <https://www.velux.ie>.

Technical information

VELUX electric roof window GPU	Installation and use	The window is classified in protection class IP44. The window operators are integrated in the side frames and function at temperatures between -10 °C and +60 °C. Installation in rooms with a high level of humidity must comply with relevant regulations (contact a qualified electrician if necessary).
	Window opening	The window operator permits a maximum opening of 45° of the sash. It is possible to adjust the sash to open to horizontal position (+/- 2 degrees of accuracy) in roof pitches less than 45°.
	Compatibility	<p>The roof window is based on radio frequency (RF) technology, 868 MHz range, and is compatible with other VELUX products with the io-homecontrol® logo.</p> <p>The window comes complete with pre-fitted brackets to match interior standard sunscreening. (Be aware there is no bracket powered for electrical blinds: -M- so only manual and solar interior blinds can be installed).</p> <p>GPU electric is compatible with: Roller blinds, type: R-- (Not mains-powered) Pleated blinds, type: F-- (Not mains-powered) Blackout blinds, type: D-- (Not mains-powered) Venetian blinds, type: P-- Insect roller screens, type: ZIL</p> <p>Following exterior suncreening can also be installed:</p> <p>Roller shutters, type: SMH Awning blinds, type: MML and MSL. Both blinds require installation kit ZOZ 229S Soft shutter, type: SSS + installation kit ZOZ 229S</p> <p>Connection to non-compatible products may cause damage or malfunction.</p>
Pre-paired wall switch	Connection	The window is equipped with a 4 m 2-core cable (H05VV-F) with a standard mains plug for connection to the mains supply (2.5 m for the UK).
	Materials	ABS plastic, white (NCS S 1000-N)
	Size and weight description	8.2 cm x 8.2 cm x 1.7 cm, 0.125 kg.
Integrated rain sensor	Installation and use	The wall switch is for indoor use only, between a minimum ambient temperature 5 °C and a maximum ambient temperature 45 °C. It can be used in a dry or humid environment (such as a living room or a bathroom). Radio frequency range: 300 m range open field. Depending on the building construction, the indoor range is approximately 30 m.
	Power consumption	2 x alkaline AAA (1.5V) batteries Expected battery lifetime: Up to 1 year.
	Materials	Gold-coated sensor, Grey (RAL 7022)
Motor, electric, top-hung	Size and weight description	N/A
	Power consumption	N/A
	Materials	PPS-40GF, Black
	Size and weight description	411.5 x 49.5 x 32.5 mm, 1.032 kg
	Power consumption	230VAC – 50Hz / 60W. Stand-by power consumption (including rain sensor, no heating): 0.5 W. Stand-by power consumption (including rain sensor, with heating): 1.1 W.
	Motor capacity	Pressure capacity: 800N Traction capacity: 900N