VELUX conservation roof window GPL

Glazing 70

10 YEARS GUARANTEE

15°-55°(75°)

Conservation roof windows are the perfect choice when renovating conservation buildings. Bottom-operated conservation roof windows open outwards to allow for an uninterrupted panoramic view to the outside. The window's black exterior profiles and glazing bar blend seamlessly into the roof and match the original look of your building.

- Open the window outwards up to 45° to enjoy a panoramic view and a feeling of space.
- Open the top control bar to the ventilation position for fresh air through a closed window.
- Perfect when a glazing bar is required for conservation buildings.
- Easily rotate the window 180° for safe cleaning of the outer glass from the inside.
- Adjust the bottom handle position to ventilate your home without opening the window.
- Removable and cleanable ventilation filter protects your home from dust and insects while ventilating.
- Quickly and easily add blinds by simply clicking them into the pre-fitted brackets.

PEFC/09-31-020

Application guidance

The window can be installed in roof pitches between 15° and 55° (75°) to the horizontal.

Manual bottom-operated, top-hung roof windows open outwards for an unobstructed, panoramic view. To get the full benefit of the top-hung function, we recommend an installation height that allows for a clear sight line to the outside from both a standing and seated position. Please note that the optimum window height depends on the roof pitch.

Available sizes and daylight area

	780 mm
1398 mm	GPL MK08 (0.72) [0.87]

All measurements are in mm. ( ) = Effective daylight area, m^2 [ ] = Geometric free area, m^2

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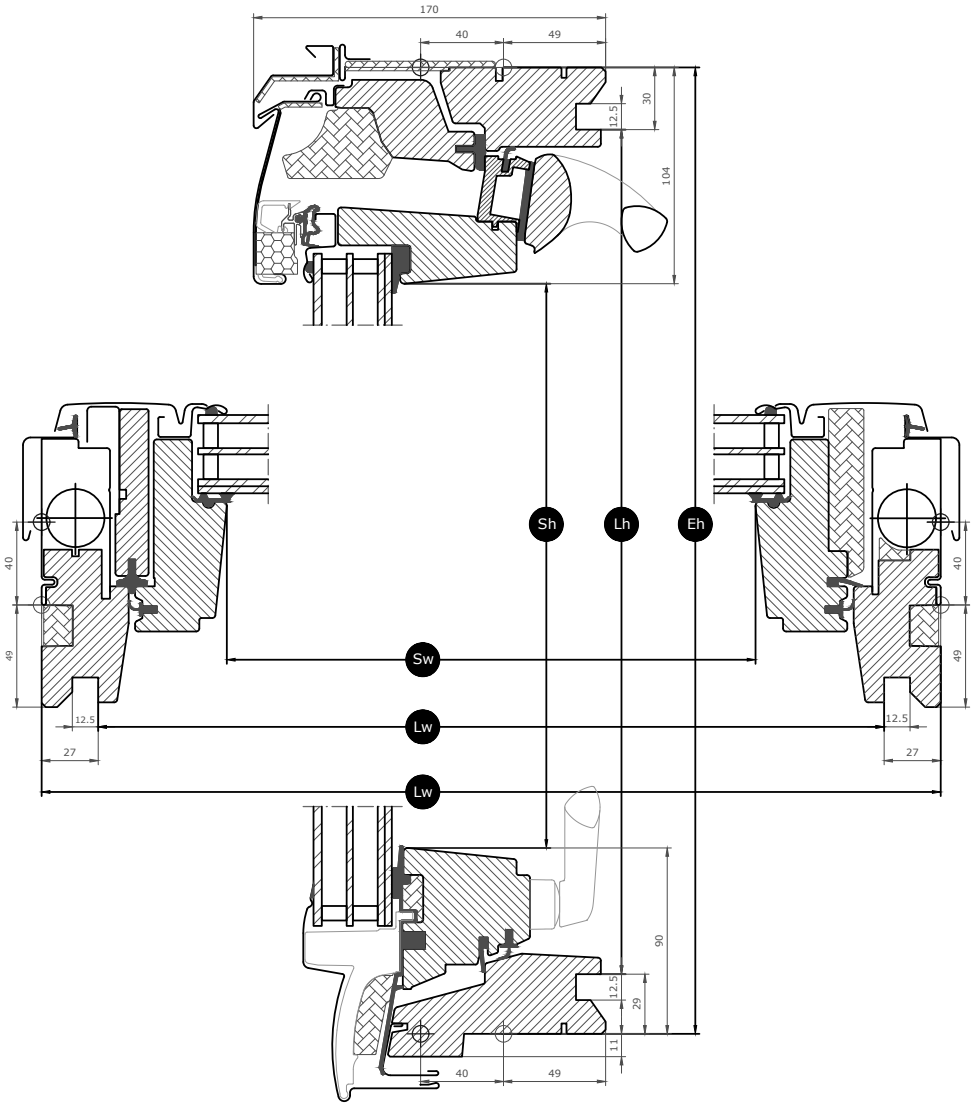
Cross section dimensions

Please note that the view of the cross section is from bottom to top.



Width		MK--
Sw	Sash aperture width	601
Lw	Distance between lining grooves, width	725
Ew	External frame width	780

Height		--08
Sh	Sash aperture height	1204
Lh	Distance between lining grooves, height	1339
Eh	External frame height	1398

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Glazing features

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	Heat insulation The low energy glazing unit reduces heat loss through the window and enhanced indoor comfort.	U_g = 1.0
	Solar gain In colder climates and in rooms with large window areas, solar gain provides a better indoor climate during winter periods.	0.46
	Solar protection In warm climates and in rooms with large window areas, a sun protective glazing unit provides a better indoor climate during summer periods.	★★★☆
	Security Thicker laminated inner glass increases resistance to manual attack (burglary).	★★☆☆
	Safety lamination Prevents glass from falling into the room in case of accidental breakage.	✓
	Toughened glass Adds strength to the outer glass surface to protect from wayward balls and extreme weather such as heavy storms and hail.	✓
	UV filter Protects your interior furnishings from fading due to the sun's harmful UV rays.	✓
	Rain noise reduction Rain noise reduction creates a barrier between the window and the weather outside for undisturbed moments during rainy days – or nights.	✓
	Easy-to-clean Dirt-repellent coating lets you spend less time cleaning and more time enjoying the view.	
	Anti-dew The anti-dew coating significantly reduces the days with dew on the outer glass and thus gives you a clear view.	

Glazing structure

Glazing unit	Variant composition
Double-glazed	6.8 mm laminated float glass - 16 mm Argon - 4 mm toughened glass

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Technical values for the window

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

Window characteristics	Performance
Thermal transmittance	1.3 W/(m²K)
Light transmittance	0.68
Total solar energy transmittance	0.46
Sound insulation	35(-1;-3)
Air permeability	4
External fire performance - British	AA
External fire performance - European	npd
Impact resistance	3
Load-bearing capacity of safety devices	✓
Reaction to fire	C-s1,d2
Resistance to snow load	See glazing composition
Resistance to wind load	C3 (>SK08: NPD)
Water tightness	E900

NPD: No performance determined

Visible features

Operating handle, top-hung, bottom
Easy to operate handle allows for effortless opening and closing of the window.

Glazing bar
The vertical glazing bar delivers a classic, traditional look to the conservation window.

Blind bracket, manual
Easily install blinds on the window without the need for extra tools. Simply click on the blind in the pre-fitted brackets.

Ventilation flap
The full-width ventilation flap can be used for ventilation even with a closed window. The ventilation flap is connected to the top sash with the lock casing.

Lifting device, top-hung
The lifting device facilitates the opening of the top-hung sash, once engaged with the spring rods.

Frame hinge, centre-pivot, side
Durable hinge design allows for reliable operation and enables the sash to be rotated for easy cleaning of the outer glass.

Interior insulation, frame top
Innovative ThermoTechnology™ insulation is integrated into the top frame of the window to increase energy-efficiency.

Data plate
Every VELUX roof window has a unique data plate with information that can be used to look up CE marking documentation, when purchasing accessories or in case of service or replacement.

Interior finish

Material Description	Clear lacquer Finished with triple coat, clear lacquered.	White-painted Finished with triple coat, white painted.
Colour code NCS, inner surface	No colour code	S 0500-N
Colour code nearest RAL, inner surface	No colour code	9003

Exterior covers

Material Description	Aluminium, black Black
Colour code NCS, outer surface	S 9000-N
Colour code nearest RAL, outer surface	9005

Cleaning and maintenance

To clean the outer glass surface from the inside, rotate sash and secure in cleaning position with barrel bolts.

VELUX repair and maintenance kits are available.

Guarantee period

10 YEARS GUARANTEE

The full terms and conditions of the VELUX Product Guarantee are available on our website www.velux.co.uk or www.velux.ie

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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.

Blinds, awnings and shutters

Complete the VELUX roof window installation with roller shutters and awning blinds for heat protection and interior blinds for light dimming, blackout and insect protection. Choose from a wide range of manually operated or remote-controlled products that are made to fit the particular window type and size. Please contact your local VELUX sales company for more details about compatibility.

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.

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