VELUX conservation roof window GGL

Glazing 70H



15°-90°

Conservation roof windows are the perfect choice when renovating conservation buildings. Top-operated conservation roof windows are easily opened and closed – even with furniture placed underneath. The window's black exterior profiles and glazing bar blend seamlessly into the roof and match the original look of your building.

- Perfect when a glazing bar is required for conservation buildings.
- Open the top control bar to the ventilation position for fresh air through a closed window.
- Refresh your home by slightly opening the window and fixing it in the top bushing.
- Easily rotate the window 180° for safe cleaning of the outer glass from the inside.
- Removable and cleanable ventilation filter protects your home from dust and insects while ventilating.
- Maintenance-free exterior covers increase peace of mind throughout the lifetime of the roof window.
- The exclusive top control bar complements the window for a modern, elegant look.

CE

VRW Roof windows en-HQ - Approved
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Application guidance

The window can be installed in roof pitches between 15° and 90° to the horizontal.



Manually top-operated, centre-pivot roof windows make it possible to place furniture directly below the window without obstructing the window's operation. 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

	550	660	780	1340
978	GGL CK04 (0.29)			GGL UK04 (0.91)
1178	GGL CK06 (0.37)	GGL FK06 (0.47)	GGL MK06 (0.59)	
1398			GGL MK08 (0.72)	

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

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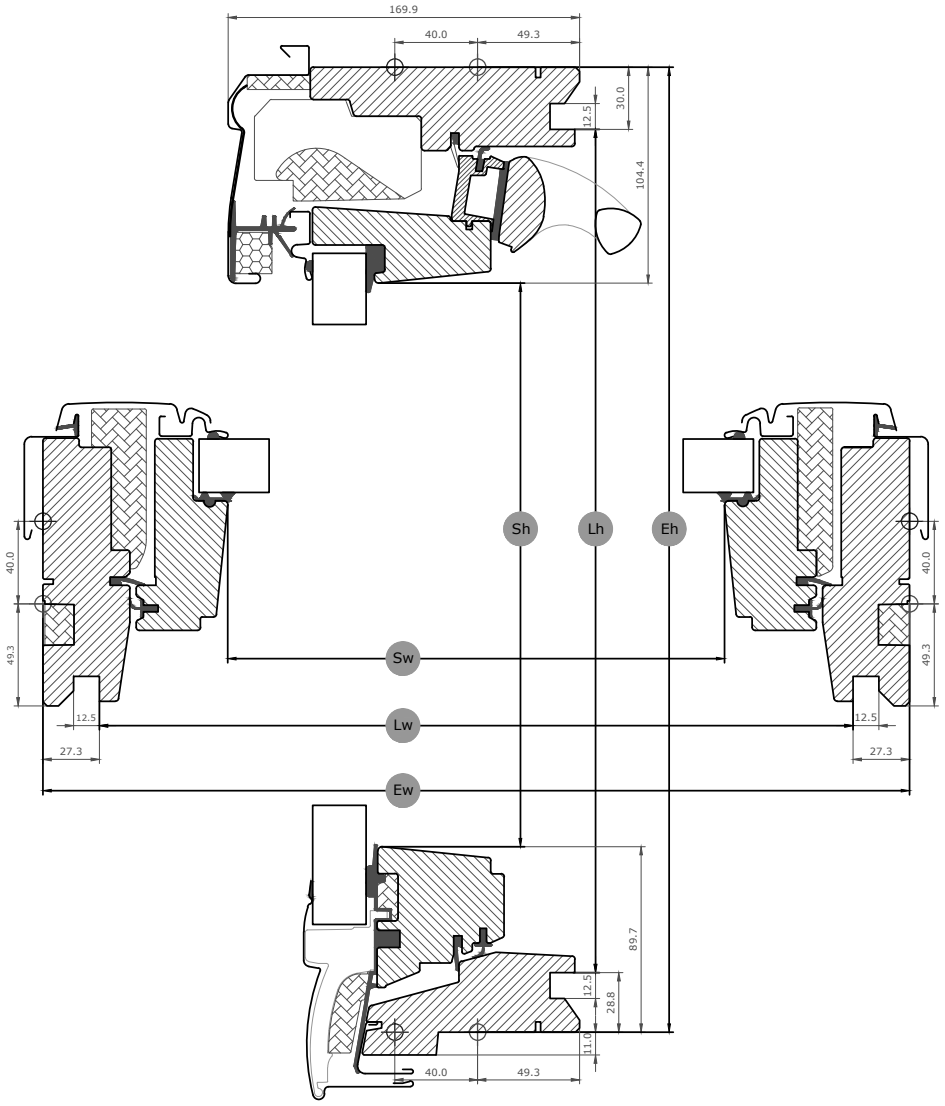
Cross section dimensions



Width		CK--	FK--	MK--	UK--
Sw	Sash aperture width	371	481	601	1161
Lw	Distance between lining grooves, width	495	605	725	1285
Ew	Exterior frame width	550	660	780	1340

Height		--04	--06	--08
Sh	Sash aperture height	784	984	1204
Lh	Distance between lining grooves, height	919	1119	1339
Eh	Exterior frame height	978	1178	1398

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Glazing features

Glazing 70H		
	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.	**g = 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).	★★☆☆

Glazing structure

Glazing unit	Composition (from inside to outside)
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 14351-2.

Window characteristics	Performance
Thermal transmittance (U-value)	1.3 W/(m2K)
Light transmittance (τ,v)	0.68
Total solar energy transmittance (g-value)	0.46
Sound insulation	35(-1;-3)
Air permeability	4
External fire performance - British	AC
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

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Visible features



Barrel bolt
The barrel bolt can be placed into the integrated barrel bolt bushing to secure the window for cleaning of outer glass surface or for safe ventilation.



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.



Barrel bolt bushing
Integrated barrel bolt bushing safely holds and secures the barrel bolt in place for easy cleaning of outer pane or ventilation.



Control bar
The ergonomic aluminum control bar allows effortless opening and closing of the window. It can also lock the ventilation flap in the ventilation position.



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.

Exterior covers
The exterior covers provide protection from the elements.



Gaskets
The gaskets provide a tight seal between the insulating glass unit and the sash.



Gasket
Forming the air and sound seal between the frame and sash.

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

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Cleaning and maintenance



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



VELUX repair and maintenance kits are available.

Guarantee period

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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://velux.com.

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