

Original VELUX smoke-ventilation roof window

# GGL / GGU smoke ventilation

**VELUX**<sup>®</sup>



Get more  
daylight  
Get more  
comfort  
Use less  
energy

## Complete smoke-ventilation system in compliance with European EN norms

- Appears as standard VELUX roof windows in the roof (without wind deflector)
- Available with double or triple glazing
- Comfort ventilation possible at the touch of a button. Rain sensor available.
- Complete control system for single or groups of windows

### Smoke-ventilation roof window










15°-90°  
(15°-60°)



Window type:	Product code:	Explanation:	EN certified:
GGL	---- 306640	Wood with triple glazing	EN 12101-2
GGL	---- 307340	Wood with double glazing	EN 12101-2
GGU	---- 006640	Polyurethane with triple glazing	EN 12101-2
GGU	---- 007340	Polyurethane with double glazing	EN 12101-2
GGL including wind deflector	---- SD00402	Wood with triple glazing	EN 12101-2
GGL including wind deflector	---- SD00403	Wood with double glazing	EN 12101-2
GGU including wind deflector	---- SD00402	Polyurethane with triple glazing	EN 12101-2
GGU including wind deflector	---- SD00403	Polyurethane with double glazing	EN 12101-2








## Control systems for smoke ventilation

Control system	Control unit	Control unit	Break-glass point	Comfort switch	Smoke detector	Rain sensor
						
<b>KFX 210</b>	<b>KFC 210</b>	<b>KFC 220</b>	<b>KFK 100</b>	<b>KFK 200</b>	<b>KFA 100</b>	<b>KLA 200</b>
<p>Complete control system for up to 4 GGL/GGU smoke-ventilation roof window or 1 CSP flat-roof smoke ventilation window.</p> <p>Includes: KFC 210 KFK 100 KFA 100</p>	<ul style="list-style-type: none"> <li>• 10 amp.</li> <li>• Controls up to 4 GGL/GGU smoke-ventilation roof windows or 1 CSP flat-roof smoke ventilation window.</li> <li>• Dimensions: W x H x D 398 x 393 x 127 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 2 x 10 amp.</li> <li>• Controls up to 8 GGL/GGU smoke ventilation windows or 2 CSP flat-roof smoke ventilation windows.</li> <li>• Dimensions: W x H x D 398 x 393 x 127 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Break-glass point for activating smoke ventilation function.</li> </ul>	<ul style="list-style-type: none"> <li>• Wall switch enabling natural ventilation for daily comfort.</li> </ul>	<ul style="list-style-type: none"> <li>• Smoke detector for early fire detection.</li> </ul>	<ul style="list-style-type: none"> <li>• Closes window in comfort ventilation mode in case of rain.</li> <li>• Delivered with 75 cm cable without connector.</li> </ul>

### Classification in accordance with the parameters of European EN 12101-2

Specifications	VELUX smoke ventilation window
Reliability (Re)	Re 1000+10000
Snow load (SL)	SL 1000
Low Temperature (T)	T (-15)
Wind load (WL)	WL 3000
Heat Exposure (B)	B 300

### Size grid

MK04	MK06	MK08	SK06	SK08	UK04	UK08
						
78 x 98	78 x 118	78 x 140	114 x 118	114 x 140	134 x 98	134 x 140

### Geometrical opening area $A_v$ in m<sup>2</sup>

0.63	0.76	0.91	1.17	1.38	1.14	1.65
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### Aerodynamic area $A_a$ in m<sup>2</sup> with wind deflector

0.33	0.43	0.55	0.55	0.70	0.51	0.73
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### Aerodynamic area $A_a$ in m<sup>2</sup> without wind deflector

0.19	0.29	0.43	0.28	0.44	0.16	0.38
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For more information, visit [www.velux.nn](http://www.velux.nn)  
We reserve the right to change technical specifications



**Original**



**Fast & easy to install**



**Perfect fit**



**Weather proof**



**Warranty**



**Certification**



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