VELUX dome ISD 0110



10 Year Guarantee

0°–15°

The VELUX opaque polycarbonate dome offers extra impact resistance and meets legislative requirements for fire resistance. The opaque outer surface ensures a higher level of privacy for sensitive areas, bathrooms and more. Compatible with VELUX blinds for daylight control and light dimming.

- Maintain a high level of privacy with the opaque dome.
- Find the perfect light and shade solution that meets your personal needs.
- Enjoy a quieter indoor environment from the efficient sound reduction of outside noises.
- Polycarbonate design delivers additional protection and fire resistance.
- Rain water and leaves are easily drained away, even in roofs with 0° pitch.
- Water and snow drains from the durable plastic dome because of its rounded shape.

CE

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Application guidance

The dome top unit can be installed with flat roof window base units (CFP, CVP, CXP, CSP) within the roof pitch range of 0° to 15°.



Combine the dome top with a base unit that meets your need for daylight and ventilation. Choose the manual-vented CVP for fresh air through the roof, or the electrically-vented CVP for convenient ventilaiton at the touch of a button, or the fixed CFP if your primary need is to be bring daylight into the room.

Available sizes and daylight area

Dimensions in the size diagram indicate the roof opening. For electrically operated windows, an additional clearance (typically 1 cm) must be provided on the side designated for cable installation, as specified in the applicable installation guidelines.

	600	800	900	1000	1200	1500
600	ISD 060060 (0.19) [0.12]					
800		ISD 080080 (0.40) [0.16]				
900	ISD 060090 (0.32) [0.14]		ISD 090090 (0.54) [0.18]			
1000				ISD 100100 (0.70) [0.2]		
1200			ISD 090120 (0.76) [0.2]		ISD 120120 (1.07) [0.24]	
1500				ISD 100150 (1.11) [0.23]		ISD 150150 (1.78) [0.3]

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

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Net Weight

Please note that a complete flat roof window consists of a top unit and a base unit supplied separately. The total weight of the complete solution must therefore be calculated by adding the unit weight of the top unit and the unit weight of the base unit, as specified in their respective data sheets.

	060060	060090	080080	090090	090120	100100	100150	120120	150150
Net Weight (kg)	3.136	4.215	4.763	5.589	6.966	6.511	9.189	8.857	12.638

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Technical values

Overview of technical values for the product, covering among other, CE marking in accordance with EN 1873 or EAD 200062-00-0401

Window characteristics	CFP 63Q- + ISD 0110	CFP 73Q- + ISD 0110	CFP 73U + ISD 0110	CSP 73Q- + ISD 0110	CVP 63Q- + ISD 0110	CVP 73Q- + ISD 0110	CVP Electric 73U + ISD 0110	CVP Manual 73U + ISD 0110	CXP 73Q- + ISD 0110
Air permeability	A3	A3	A3	4	4	4	4	4	4
Thermal transmittance Urc,ref300 (CE-marked) (U-value)	0.87	0.80	0.87	0.99	0.87	0.80	0.87	0.87	0.86
Arc, ref300 (U-value transmission area)	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Light transmittance (τ)	0.17	0.26	0.21	0.26	0.17	0.26	0.21	0.21	0.26
Sound insulation R_wdB [dB]	36	36	36	33	36	36	30	30	36
Total solar energy transmittance (g)	0.16	0.23	0.20	0.23	0.16	0.23	0.20	0.20	0.23
Ultraviolet transmittance (τuv)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Burglar resistance window	npd	RC2	npd	RC2	npd	RC2	npd	npd	npd
Frame factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air permeability	A3	A3	A3	4	4	4	4	4	4
Reaction to fire	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
Bonding of cover glass (glass of top unit) [class]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
External fire performance - European	npd	npd	npd	npd	npd	npd	npd	npd	npd
External fire performance - British	AA	AA	AA	AA	AA	AA	AA	AA	AA
Impact resistance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Impact resistance large soft body	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200
Impact resistance small hard body	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rain noise	51 dB	56 dB	56 dB	51 dB	50 dB	53 dB	53 dB	50 dB	53 dB
Resistance to downward loads	DL 2500	DL 2500	DL 2500	DL 2500	DL 2500	DL 2500	DL 2500	DL 2500	DL 2500
Resistance to fire	npd	npd	npd	npd	npd	npd	npd	npd	npd
Resistance to snow load	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Resistance to upward load	UL 1500	UL 1500	UL 1500	UL 1500	UL 1500	UL 1500	UL 1500	UL 1500	UL 1500
Resistance to wind load	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Water tightness	✓	✓	✓	✓	✓	✓	✓	✓	✓

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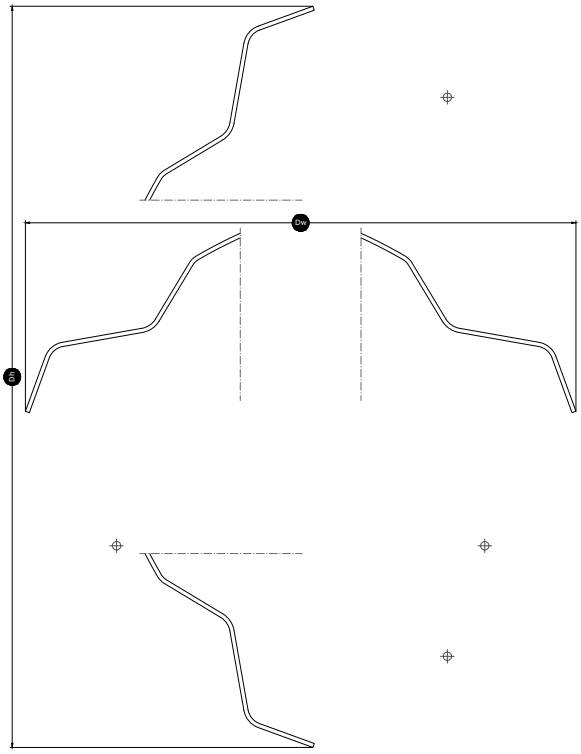
Cross section dimensions

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



	060060	060090	080080	090090	090120	100100	100150	120120	150150
Ch: External frame height (mm)	195	210	215	230	230	230	280	280	280
Top unit glass thickness (mm)									

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Blinds and awnings

Complete your VELUX flat roof window with a blind for complete comfort. Choose from a range of blinds, including a translucent pleated blind for softening the light, anti-heat blind for heat protection and blackout energy pleated blind for darkening the room.
Use VELUX App Control or VELUX ACTIVE with NETATMO for smartphone control of your vented flat roof window and blinds.

Cleaning and maintenance



Cleaning of the top unit is only possible from the outside. When cleaning the top unit, do not open the window. For electrical windows, switch off the mains supply.
To clean inner surface of top unit and outer glass surface of base unit, remove cover caps and screws to remove the top unit and fasten again after cleaning.
In regions with heavy snowfall, snow masses on the flat-roof window must be removed on a regular basis.

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

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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