VELUX dome ISD 0010

The VELUX clear polycarbonate dome offers extra impact resistance and fire protection. The clear outer surface and good natural drainage properties deliver a clear and undisturbed view to the outside. Compatible with VELUX blinds for daylight control, light dimming and heat protection.

- Clear dome lets in more natural light for brighter indoor areas and better indoor comfort.
- Enjoy comfortable control of heat and light with our complete selection of blinds for flat-roof windows.
- 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.
- Find the perfect light and shade solution that meets your personal needs.

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

Creation date 11-08-2026 17:42:29

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	090120	100100	100150	120120	150150
Net Weight (kg)	3.136	4.215	4.763	5.589	9.200	6.966	6.511	9.189	8.857	12.638

Technical values

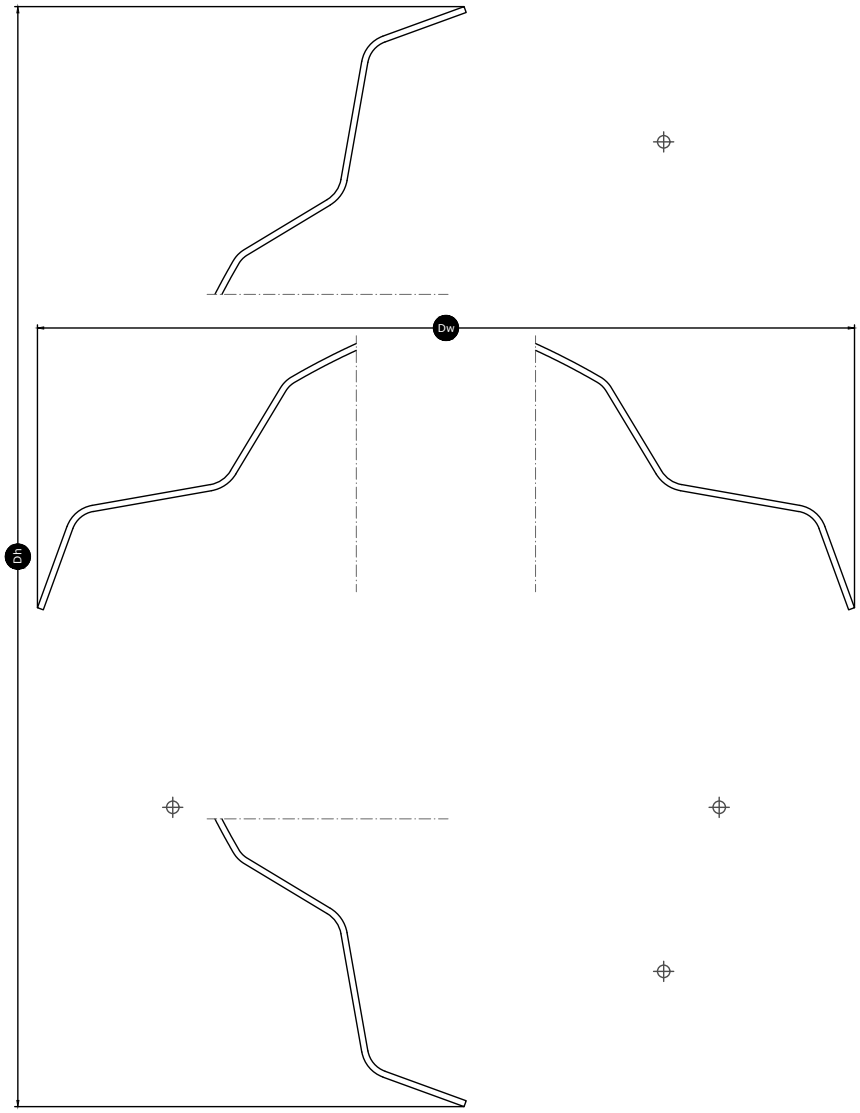
Overview of technical values for the product, covering among other, CE marking in accordance with EN 1873 or EAD 200062-00-0401

Window characteristics	CFP 63Q- + ISD 0010	CFP 73Q- + ISD 0010	CFP 73U + ISD 0010	CSP 73Q- + ISD 0010	CVP 63Q- + ISD 0010	CVP 73Q- + ISD 0010	CVP 73U + ISD 0010	CVP Manual 73U + ISD 0010	CXP 73Q- + ISD 0010
Air permeability, [class]	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,v) (τ)	0.65	0.70	0.70	0.70	0.65	0.70	0.70	0.70	0.70
Sound insulation (Rw) R_wdB [dB]	36	36	36	33	36	36	30	30	36
Total solar energy transmittance (g-value) (g)	0.47	0.50	0.52	0.50	0.47	0.50	0.52	0.52	0.50
Ultraviolet transmittance (τ,uv) (τuv)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Burglar resistance window [class]	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, [class]	A3	A3	A3	4	4	4	4	4	4
Reaction to fire [class]	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 [class]	npd	npd	npd	npd	npd	npd	npd	npd	npd
External fire performance - British [class]	AA	AA	AA	AA	AA	AA	AA	AA	AA
Impact resistance [class]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Impact resistance large soft body [class]	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200	SB 1200
Impact resistance small hard body [class]	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rain noise (Lia)	51	56	56	51	50	53	53	50	53
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 [class]	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 [class]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Water tightness [class]	✓	✓	✓	✓	✓	✓	✓	✓	✓

Creation date 11-08-2026 17:42:29

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: Height including top unit (mm)	195	210	215	230	230	230	280	280	280
Top unit glass thickness (mm)									

Creation date 11-08-2026 17:42:29

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

Further information

We reserve the right to make technical changes.

For more information on our products, please visit https://velux.com.

Creation date 11-08-2026 17:42:29