

VELUX fixed glass rooflight CFU



Glazing 20A, double-glazed



Transform your home by bringing the magic of daylight into areas where you never thought possible with the new generation of VELUX glass rooflights. The base unit of the fixed glass rooflight has a unique design with a slim frame and invisible sash providing maximum daylight and a beautiful design from inside the home. This fixed base unit has 2-layer glazing, but is also available with 3-layer glazing, and has excellent energy performance as well as sound reduction capabilities in case of rain, hail or traffic, thus increasing your indoor comfort.

- Minimal visible rooflight frame contributes to glass-to-edge view to the sky and to letting in maximum daylight.
- Slim and invisible sash to give a glass-to-edge view to the sky and to let in maximum daylight.
- Enjoy maximum daylight and a stylish design from inside the home, as blinds or awnings are discretely placed in the rooflight.
- The low placement of the insulating glass unit in the construction gives optimal energy performance and an elegant, slim design - especially with blinds and awnings installed.
- Enjoy the peace of mind of our burglary-resistant flat-roof rooflight with laminated security glazing (P4A laminated security glazing on the inner glass).
- Enjoy a quieter indoor environment thanks to the sound-reducing rooflight design.
- Enjoy the security and peace of mind of laminated safety glass on the inside.



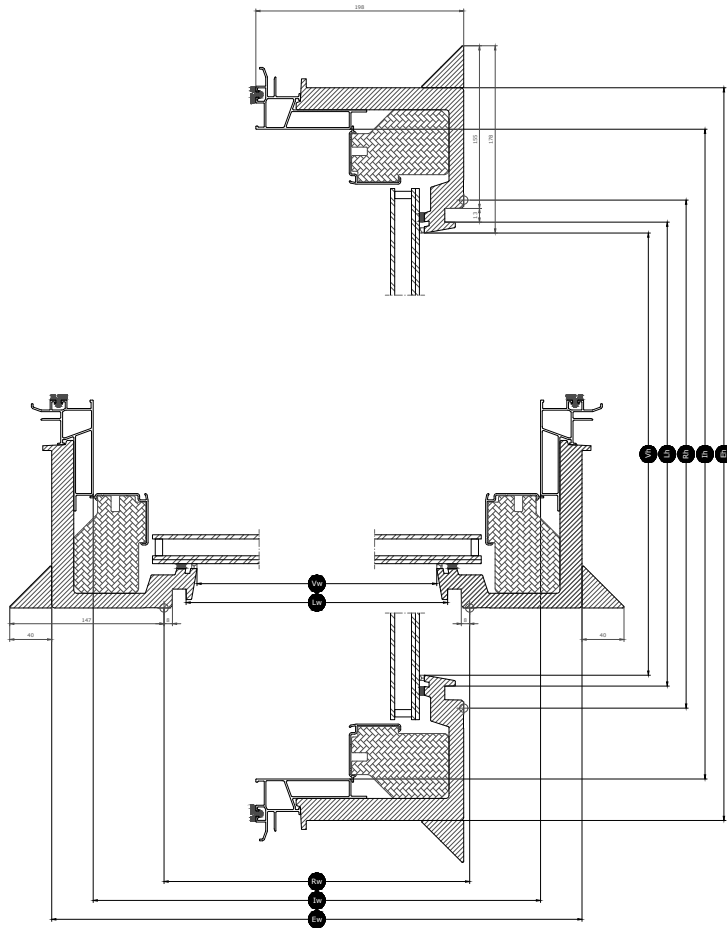
Available sizes and daylight area

| | 1500 | 2000 |
|------|-------------------------|-------------------------|
| 600 | | CFU 200060 (1.04) |
| 1000 | | CFU 200100 (1.82) |
| 1200 | CFU 150120 (1.64) | |
| 1500 | CFU 150150 (2.07) | |

All measurements are in mm. () = Effective daylight area, m² [] = Geometric free area, m²
 *A=large sizes with glazing variant -A

Cross section dimensions

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



| Width | | 150 | 200 |
|-------|-----------------------------|--------|--------|
| Vw | Visible pane width | 1438.2 | 1938.2 |
| Lw | Inside groove measure width | 1459 | 1959 |
| Rw | Roof opening width | 1500 | 2000 |
| Iw | Inside sash measure width | 1636 | 2036 |
| Ew | External frame width | 1715 | 2215 |

| Height | | 060 | 100 | 120 | 150 |
|--------|------------------------------|-------|-------|--------|--------|
| Vh | Visible pane height | 538.2 | 938.2 | 1138.2 | 1438.2 |
| Lh | Inside groove measure height | 559 | 959 | 1159 | 1459 |
| Rh | Roof opening height | 600 | 1000 | 1200 | 1500 |
| Ih | Inside sash measure height | 736 | 1136 | 1228 | 1636 |
| Eh | External frame height | 815 | 1215 | 1415 | 1715 |

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 | CFU 20Q + ISU 1093 | CFU 20Q + ISU 2093 |
|---|----------------------|----------------------|
| Air permeability | 4 | 4 |
| Thermal transmittance $U_{rc,ref300}$ (CE-marked) (U-value) | 0.65 | 0.75 |
| Arc, ref300 (U-value transmission area) | 4.4 | 4.1 |
| Light transmittance (τ) | 0.69 | 0.68 |
| Sound insulation R_w dB [dB] | 39 | 39 |
| Total solar energy transmittance (g) | 0.52 | 0.52 |
| Ultraviolet transmittance (τ_{uv}) | 0.05 | 0.05 |
| Burglar resistance window | RC2 | RC2 |
| Frame factor | 0.1 | 0.1 |
| Air permeability | 4 | 4 |
| Reaction to fire | C-s2, d2 | C-s2, d2 |
| Bonding of cover glass (glass of top unit) [class] | $\Delta X \geq 0.75$ | $\Delta X \geq 0.75$ |
| External fire performance - European | | |
| External fire performance - British | NPD | NPD |
| Impact resistance | 3 | 3 |
| Impact resistance large soft body | N/A | N/A |
| Impact resistance small hard body | N/A | N/A |
| Rain noise | 44 dB | 44 dB |
| Resistance to downward loads | N/A | N/A |
| Resistance to fire | NPD | NPD |
| Resistance to snow load | * | * |
| Resistance to upward load | N/A | N/A |
| Resistance to wind load | C3 | C3 |
| Water tightness | 9A | 9A |

NPD: No performance determined



Glazing structure

| Glazing unit | Variant composition |
|---------------|---|
| Double-glazed | 9.5 mm laminated float glass - 15 mm Argon - 8 mm toughened glass with enamel |

Blinds and awnings

Complete your VELUX glass rooflight with a blind for complete comfort. Choose between an anti-heat blind to maintain a cool room on hot days or a blackout blind to block outside light for total darkness. The blinds are discreetly placed and do not compromise daylight and design when not in use.

Use VELUX App Control or VELUX ACTIVE with NETATMO for smartphone control of your vented glass rooflight and blinds.

Compatibility

The fixed base unit CFU is compatible with the flat glass top unit ISU 2093 and curved glass top-unit ISU 1093.

Installation accessories: Extension kerb ZCU 0015/1015, securing kit for roofing felt ZZZ 210U and lining LSF 2000.

Compatible with blinds: The solar-powered anti-heat blind MSU and the solar-powered blackout blind DSU.

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>.