

# VELUX manually operated flat-roof window CVP 0073U

Glazing 73UT



Add natural daylight and fresh air to your home at a price that matches most budgets with the manually operated base unit CVP. The flat-roof window is easily operated using a practical telescopic rod. Offers all the basic benefits of a flat-roof window at an attractive price. Compatible with our acrylic and polycarbonate domes.

- Air out for a better indoor climate by using the ventilation opening.
- ThermoTechnology™ insulation and double-glazed glazing increases overall energy-efficiency.
- Benefit from the extra energy-efficiency of the double-glazed glazing.
- A wide range of standard sizes makes it easy to find the window that best fits your room.
- Heat protection keeps your room cool and increases indoor comfort.
- The maintenance-free white PVC base unit reflects more natural light to brighten your room.
- Laminated security glazing for extra safety ensures the glass will not splinter in the event of breakage.



# Available sizes and daylight area

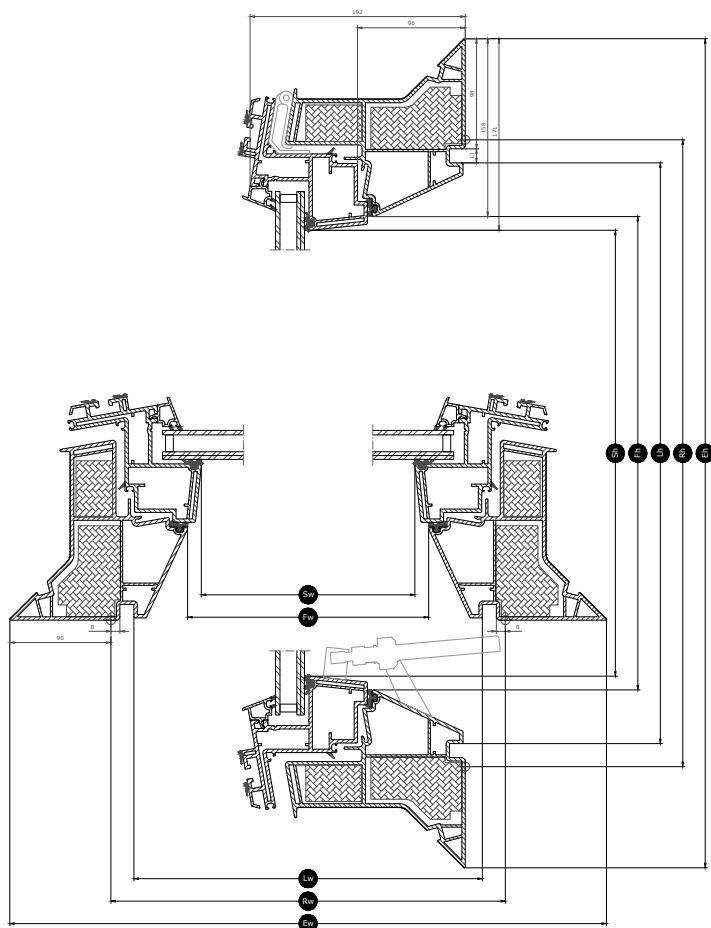
|        | 600 mm                  | 800 mm                  | 900 mm                  | 1000 mm                 | 1200 mm                 |
|--------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 600 mm | CVP<br>060060<br>(0.19) |                         |                         |                         |                         |
| 800 mm |                         | CVP<br>080080<br>(0.40) |                         |                         |                         |
| 900 mm | CVP<br>060090<br>(0.32) |                         | CVP<br>090090<br>(0.54) |                         |                         |
| 1000   |                         |                         |                         | CVP<br>100100<br>(0.70) |                         |
| 1200   |                         |                         | CVP<br>090120<br>(0.76) |                         | CVP<br>120120<br>(1.07) |
| 1500   |                         |                         |                         | CVP<br>100150<br>(1.11) |                         |

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 |                             | 060 | 080 | 090  | 100  | 120  |
|-------|-----------------------------|-----|-----|------|------|------|
| Vw    | Visible pane width          |     |     |      |      |      |
| Lw    | Inside groove measure width | 559 | 759 | 859  | 959  | 1159 |
| Rw    | Roof opening width          | 600 | 800 | 900  | 1000 | 1200 |
| Iw    | Inside sash measure width   |     |     |      |      |      |
| Ew    | External frame width        | 780 | 980 | 1080 | 1180 | 1380 |

| Height |                              | 060 | 080 | 090  | 100  | 120  | 150  |
|--------|------------------------------|-----|-----|------|------|------|------|
| Vh     | Visible pane height          |     |     |      |      |      |      |
| Lh     | Inside groove measure height | 559 | 759 | 859  | 959  | 1159 | 1459 |
| Rh     | Roof opening height          | 600 | 800 | 900  | 1000 | 1200 | 1500 |
| Ih     | Inside sash measure height   |     |     |      |      |      |      |
| Eh     | External frame height        | 780 | 980 | 1080 | 1180 | 1380 | 1680 |

## 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                                      | CVP Manual 73UT + ISD 0000 | CVP Manual 73UT + ISD 0010 | CVP Manual 73UT + ISD 0100 | CVP Manual 73UT + ISD 0110 |
|---|----------------------------|----------------------------|----------------------------|----------------------------|
| Air permeability  | 4                          | 4                          | 4                          | 4                          |
| Thermal transmittance $U_{rc,ref300}$ (CE-marked) (U-value) | 0.87                       | 0.87                       | 0.87                       | 0.87                       |
| Arc, ref300 (U-value transmission area)                     | 3.4                        | 3.4                        | 3.4                        | 3.4                        |
| Light transmittance ( $\tau$ )                              | 0.72                       | 0.70                       | 0.23                       | 0.21                       |
| Sound insulation $R_w$ dB [dB]                              | 30                         | 30                         | 30                         | 30                         |
| Total solar energy transmittance (g)                        | 0.54                       | 0.52                       | 0.19                       | 0.20                       |
| Ultraviolet transmittance ( $\tau_{uv}$ )                   | 0.05                       | 0.05                       | 0.05                       | 0.05                       |
| Burglar resistance window                                   | npd                        | npd                        | npd                        | npd                        |
| Frame factor  | N/A                        | N/A                        | N/A                        | N/A                        |
| Air permeability  | 4                          | 4                          | 4                          | 4                          |
| Reaction to fire  | 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                        |
| External fire performance - European                        | npd                        | npd                        | npd                        | npd                        |
| External fire performance - British                         | npd                        | AA                         | npd                        | AA                         |
| Impact resistance   | N/A                        | N/A                        | N/A                        | N/A                        |
| Impact resistance large soft body                           | SB 1200                    | SB 1200                    | SB 1200                    | SB 1200                    |
| Impact resistance small hard body                           | ✓                          | ✓                          | ✓                          | ✓                          |
| Rain noise  | 46                         | 50                         | 46                         | 50                         |
| Resistance to downward loads                                | DL 2500                    | DL 2500                    | DL 2500                    | DL 2500                    |
| Resistance to fire  | npd                        | npd                        | npd                        | npd                        |
| Resistance to snow load                                     | N/A                        | N/A                        | N/A                        | N/A                        |
| Resistance to upward load                                   | UL 1500                    | UL 1500                    | UL 1500                    | UL 1500                    |
| Resistance to wind load                                     | N/A                        | N/A                        | N/A                        | N/A                        |
| Water tightness   | ✓                          | ✓                          | ✓                          | ✓                          |

NPD: No performance determined

## Glazing structure

| Glazing unit  | Variant composition   |
|---------------|---|
| Double-glazed | 6.8 mm laminated float glass - 14,5 mm Argon - 4 mm float glass |

## Blinds and awnings

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Complete your VELUX flat roof window with an anti-heat blind for heat protection. Due to the spindle drive, it's not possible to fit interior blinds on VELUX manually operated flat-roof window CVP 0073U.

## Compatibility

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The manually vented base unit CVP is compatible with an acrylic or polycarbonate dome top unit ISD in either clear or opaque finish.

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

Compatibility with blinds: Solar-powered anti-heat blind MSG.

## Further information

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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>.