



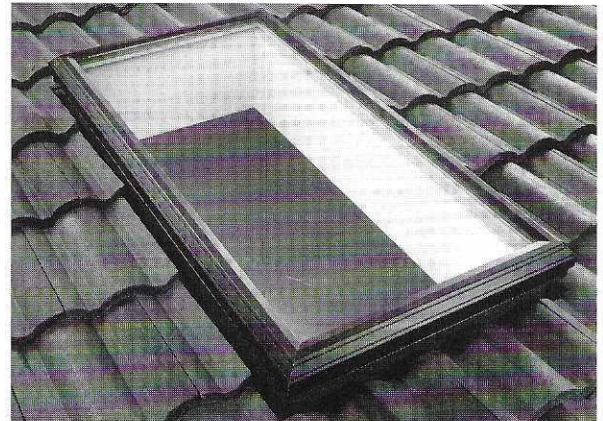
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New VELUX Curb Mounted Skylight Offers Flexible Installation

The new VELUX Model FCM™ Curb Mounted Fixed Skylight's flexible installation offers ready compliance with the country's varying building codes.

The FCM's easy-to-install design works with all sizes of site-built curbs and varying thicknesses of flashing and roofing materials. Without a designated top, bottom or side, the skylight can be installed in any desired direction.

The FCM curb mounted skylight is also Energy Star approved. Its Comfort™ Glass, standard on all VELUX products, reduces heat gain, fading and condensation by 50 percent when compared with clear glass



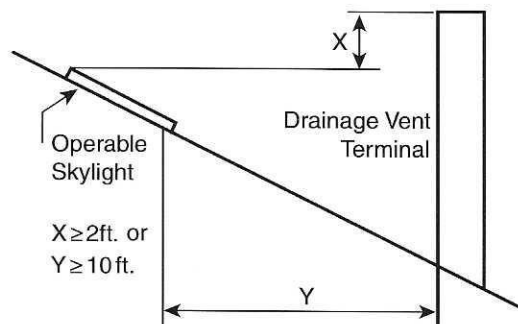
The VELUX Model FCM curb mounted skylight is Energy Star® approved and offers flexible installation.

and plastic. Its aluminum exterior is insulated from the interior using an ABS inner frame, and an inner gasket that seals out moisture and drafts.

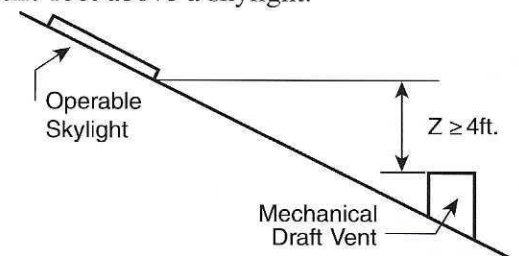
Vent Termination in Relation to Operable Skylights

It's easy for contractors to overlook where the vent terminates in relation to an operable skylight. It is important to notice how closely the vent is placed to the skylight to avoid harmful gases from entering the home.

Two quick tips: the International Plumbing Code (IPC) states that an open vent terminal from a drainage system shall not be within 10 feet horizontally of an operable skylight unless it is at least 2 feet above the top of the skylight (below).



Also, the International Mechanical Code (IMC) states that an open vent that terminates below an operable skylight must be at least four feet below the skylight (below). Similarly, an open vent shall terminate at least four feet horizontally from or at least one foot above a skylight.



VELUX-AMERICA participates in the national Energy Star® program which means all skylights produced in the U.S. are certified by the National Fenestration Rating Council (NFRC).

Skylights, Sloped Glazing and Safety



The within reach VELUX Model GPL™ roof window opens a full 45°, satisfying egress requirements for emergency escape.

Local building code officials often work with differences in skylight criteria for glazing safety and installation. The International Code Council's current International One and Two Family Dwelling Code

(IOTFDC) lists laminated glass first among materials that provide the best protection for life safety.

For tempered and heat-strengthened glass, the IOTFDC (section 308.6.5) requires the use of a protective screen. However, it also states the following *exceptions*—for both

single and multiple glazing configurations—where screens are not required with tempered glass and any of the following conditions are met:

- If the glass area is 16 square feet or less (all VELUX roof windows and skylights have a glass area less than 16 square feet).
- If the height of the glass, from the finished floor to the highest point of the glass, is under 12 feet.
- If the nominal glass thickness is less than $\frac{3}{16}$ inch (all VELUX roof windows and skylights have a glass thickness of less than $\frac{3}{16}$ inch).

To fit the varying requirements for area and height, VELUX-AMERICA offers both tempered and laminated code compliant products. VELUX roof windows and skylights meet the general requirements of all model building codes.

Roof Window & Skylight
Information for Local
Building Code Officials

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Return Service Requested

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