YEARS ANNIVERSARY

VELUX®

Residential Skylights & Sun Tunnel Skylights

The No Leak Skylight™
• No Leak Promise • No Worries

NFRC
National Fenestration
Rating Council®

energy
ENERGY STAR

Contents

Bringing light to life™

Why Skylights?

Getting the right amount of daylight is essential for our health and well-being; it improves our mood and fights Seasonal Affective Disorder (SAD). Skylights can deliver daylight deep into the room and greatly reduces the need for artificial light lowering electricity costs. Why settle for dark spots in your home when you can add daylight, save money and create a healthier environment for your family.

Daylight

- A skylight delivers 2 times the amount of daylight than a wall window and can brighten the interior of your home.
- Daylight helps to balance our Circadian Rhythm, keeping our body's natural 24-hour clock in tune. Lack of daylight may cause sleep disturbance, stress, obesity, fatigue and depression.
- Save money! With more daylight, you will reduce your dependence on electrical lighting.

Fresh Air

- 3 times a day keeps the doctor away! Open your home to a fresh and cleaner air for a healthier home.
- Maximize the chimney effect, opening your skylight at the highest point in your home allows you to release hot, stale air trapped at the top of a ceiling.
- Reduce dependency on air conditioning and rely on night time cooling, saving you money!

A statement for any room

- Enjoy the privacy and beautiful sky views.
- Create a beautiful architectural feature in your home making you the envy of the neighbourhood.
- Experience your home in a whole new and well-lit light.

Looking for room by room inspiration?
Find your room and download
our eBook series at velux.ca

It's not just any Skylight;
it's a **VELUX!**

☑ World's leader and most trusted skylight provider.

☑ Industry leading quality, engineering and innovation.

☑ Most advanced and diverse product offering.

☑ Tested to perform in the harshest climates around the world.

VELUX's three patented layers of water protection work seamlessly with your roof to ensure a leak proof installation.

1 **Pre-attached deck seal** provides a direct seal between the frame and roof deck for a leak-proof installation.

2 **Adhesive underlayment** for secondary water protection against the harshest weather conditions.
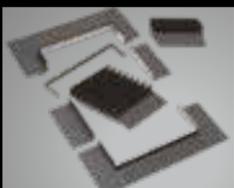
3 **Engineered flashing** is easy to install and primary defense against the elements.
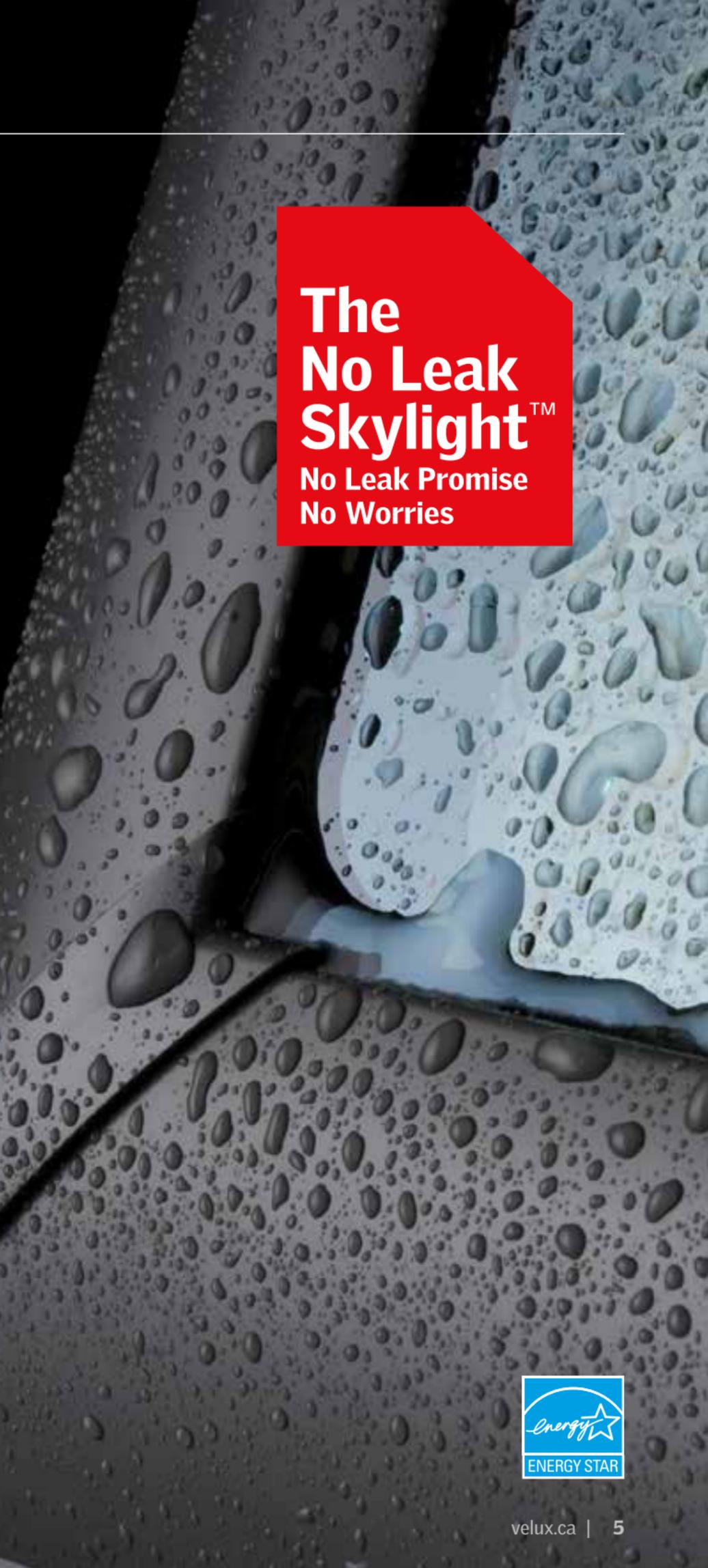
The No Leak Skylight™

No Leak Promise
No Worries

ENERGY STAR

VELUX Installers Program

Bringing you a cutting-edge No Leak skylight system is only part of why VELUX is the most trusted brand world-wide. We know that the installation is an essential part of our No Leak system, that is why VELUX invests in our VELUX Installers Program. We train and certify companies across Canada to install our No Leak Skylight System, giving you peace of mind when adding or replacing your skylight.

To find a certified member of our VELUX Installers Program near you go to velux.ca

The Best Skylight to Perform

Knowing what room, the skylight is going into and what you want to achieve is essential to a successful skylight installation or upgrade. Here is a simple guide to help you choose the best skylight for your home.

Tip	If in a high humidity area consider at least one programmable model.	For areas you are looking to add more natural light, choose a fixed skylight.
Rooms		
Needs		(optional)

The Stack effect

Warm air

Warm air

Warm air

Fresh air

**TIP:**

Adding fresh air through a skylight promotes natural ventilation through the design principle called the 'Stack' or 'Chimney' effect; the movement of air in and out of buildings. The stack effect takes advantage of the fact that hot air rises; to promote the natural movement of fresh air it relies on skylights and vertical windows working together to release the hot air through the roof.

The Smart Skylight

A skylight that thinks for itself

What is a smart skylight? It's not just a skylight that is remote or phone controlled and automatically closes when it rains. A smart skylight is one that compares the outside environment to the indoor air quality and guides the user to create a healthier, more comfortable home. Now that's smart skylight technology!

Daily ventilation
Smart sensors (temperature, humidity, CO2) control your VELUX skylights to ensure a healthier indoor climate by automatically ventilating 2–3 times a day.

3 times a day keeps the doctor away
Depending on local weather conditions, the system will air out three times a day, for a healthier home.

Smart heat protection
Pro-actively closes VELUX blinds based on local weather forecast information.

The Smart Skylight is as easy as I-2-3!

VELUX ACTIVE COMPATIBLE

1 Solar Powered or Electric Venting Skylight (VSS/VSE/VCS/VCE)

2 Solar Powered Blind (optional) (FSCH/FSLH/FSCC /FSLC)

Download on the **App Store**

GET IT ON **Google Play**

Works with **Apple HomeKit**
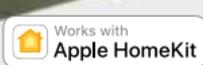
VELUX ACTIVE

Smart sensor-based operation of
your VELUX skylights and blinds.

with
NETATMO

Stay in control
Operate your VELUX
skylights and blinds
from your
smart phone.

Say the word
Use voice control
assistants to operate
your VELUX skylights
and blinds.

Easy departure
Put your VELUX
ACTIVE products in
safe mode with just
one tap.

3 VELUX ACTIVE with
NETATMO Starter Kit
(KIX 300)

A Skylight for Every Ceiling

Skylights can be installed in any type of ceiling and roof construction. A common misconception is that a skylight is only suitable for vaulted ceilings. In fact, skylights can be installed on a pitched roof with a flat interior ceiling and they can also be installed in flat roof structures.

Flat ceiling

Flat ceiling

Here's how it works.

Pitched roof and flat interior ceiling:

1 Skylight is installed on the exterior of the roof and tied into the roof system using our 3 layers of water protection.

2 An insulated shaft is built to connect the opening on the roof to the flat ceiling. The skylight on the inside is tied into the air barrier of your home to prevent condensation. Your installer will discuss how the shaft can be flared to maximize the light and create drama in your home.

NOTE: This installation can take 1-5 days depending on how deep the shaft is and how it is finished

Other ceiling types

Flat Roof

Vaulted Ceiling

Sun Tunnel®

Looking for an Installer?

We recommend that you contact a member of our VELUX Installers Program for a consultation, most offer free estimates. During your consultation with a member of the VELUX Installers Program the installer will examine your roof structure, attic and interior space. They can recommend the right number of skylights for your home and the right installation method.

Visit **velux.ca**, tell us about your project and we will connect you with the right installer in your area.

What is your Roof Pitch?

In order to determine the best skylight and installation options for you, you or your installer will need to first determine your roof's pitch. Not sure how to determine your roof pitch?

The roof pitch is the angle of your roof, and its calculated by the number of inches it rises vertically for every 12" it extends horizontally. This angle is measured by placing a pitch-gauge directly on the roof and taking an accurate reading.

Download our VELUX Roof pitch app from the app store for an accurate roof pitch reading.

VELUX®

Roof Pitch

25.0° VELUX

Download on the **App Store**

GET IT ON **Google Play**

RUN 12"

RISE X"

Pitch = X:12

Why is this important? This calculation is important because each of VELUX's skylights and flashing kits are engineered with specific pitch requirements to ensure the best skylight performance by effectively draining water off. Its just one more way to help ensure your skylight won't leak!

Here is a simple guide to help you determine which installation method is best for your roof. Please refer to the specific product model to confirm roofing pitch.

Roof pitch	Recommended products
3:12 or greater	Deck Mounted, Roof Window, Curb Mounted
Low slope (3:12 and below)	Curb Mounted or Flat Roof Skylights
Flat roof	Flat Roof Skylights or Curb Mounted
Long shaft or tunnel runs or Interior spaces	Sun Tunnel

Installation Types

Deck Mounted, Curb Mounted and Sun Tunnel®

When it comes to skylights, there are three different types of installation methods. To know which installation is right for your home, a skylight installer or roofer will evaluate the home's roof pitch, roofing material, ceiling type and whether it is a replacement job or a new cut-in. Regardless of the installation method, you're installing the same well engineered product that delivers the No Leak Promise, while bringing in plenty of natural light.

① Deck Mounted Skylights

14° - 85°
3:12 - 137:12

Deck mounted skylights allow for your skylight to have a low profile on your roof and create an energy-efficient installation. With this installation, your skylight is nailed directly to the roof deck. Deck mounted skylights are ideal for new construction, new cut-in skylights and replacements. Minimum roof pitch is 3:12.

② Curb Mounted Skylights

0° - 60°
0:12 - 20:12

Curb mounted skylights are the most common installation preference in low-pitch or flat roof solutions. The "curb" is a frame built mostly by two-by-fours, that are site built to the roof. The skylight is then installed on top of the curb. Imagine it as a shoe box: the curb is the box and the skylight is the box lid. Minimum roof pitch is 0:12, however we recommend a 5° slope for water shed.

③ Sun Tunnel Skylights

TCR only

14° - 60°
3:12 - 20:12

0° - 30°
0:12 - 7.5:12

The Sun Tunnel skylight's highly reflective and cylinder shape fits between ceiling supports, allowing light to travel from your roof down to the space below. The Sun Tunnel is a nonintrusive installation and the tunnel fits between the ceiling joist and trusses. Installation can be completed in as little as 3 hours.

VR **VELUX Recommended**

Deck & Curb Mounted Models

Overhead applications

Recommended for high humidity areas such as kitchens and bathrooms.

VSS/VCS – Solar Powered Venting Skylight

- Requires no wiring making for an easy and cost effective installation that does not require an electrician.
- Fully functional regardless of time of day or direction faced, reducing energy consumption and costs.
- Package includes simple remote control, insect screen and acoustic rain sensor that automatically closes the skylight in inclement weather.
- Engineered flashing kit sold separately.
- For size options see page 40-41.

Recommended for high humidity areas such as kitchens and bathrooms.

VSE/VCE – Electric Venting Skylight

- Benefits and package identical to VSS/VCS Solar Powered model with exception of solar panel replaced by single hard wire that connects to a standard junction box.
- Recommended to purchase battery back-up.
- Engineered flashing kit sold separately.
- For size options see page 40-41.

VR VELUX Recommended

In-reach applications

Recommended for high humidity areas such as kitchens and bathrooms.

VS/VCM – Manual Venting Skylight

- Opens and closes manually.
- Includes: insect screen, operator hook and crank handle. Control rods are available and sold separately.
- Engineered flashing kit sold separately.
- For size options see page 40-41.
- For other in-reach options see Roof Windows on page 18.

Fixed non-opening applications

Ideal for visually expanding dark areas with daylight and sky views.

GSM SkyMax custom series up to **32 sq. ft.** Call for details.

FS/FCM – Fixed Skylight

- Offers the greatest glass area for bringing in abundant natural light.
- Engineered flashing kit sold separately.
- Custom size fixed curb mounted skylights (FCM) available. Call for details.
- For size options see page 40-41.

Deck Mounted Roof Windows

Triple Pane Roof Window

- Easy to clean coating that repels dust and debris.
- Enhanced energy efficiency and anti-dew coating.
- Laminated safety glass prevents shattered glass from falling in case of breakage.

GXL – Roof access window

Available in Triple Pane Glass

15° - 85°
3:22-137:12

- Frame is pine wood, pre-painted white and treated with anti-fungal to ensure longevity.
- Easy roof access for roof repairs, maintenance, emergency and Egress.
- Can be installed as left hinged or right hinged roof access and window.
- Locking device that keeps sash in open position and ventilation flap.
- Optional insect screen and blinds available and sold separately.
- Available in varnished pine and polyurethane. See page 43 for sizes.
- Step flashing and underlayment sold separately.
- **Available in Triple Pane for enhanced energy efficiency.**

GGL – Centre pivot roof window

- Frame is pine wood, pre-painted white and treated with anti-fungal to ensure longevity.
- The window swivels 180° in its frame for easy and safe cleaning.
- Ventilation flap opens for limited ventilation.
- Optional insect screen and blinds available and sold separately.
- Available in varnished pine and polyurethane.
- Step flashing and underlayment sold separately.
- See page43 for sizes.
- **Available in Triple Pane for enhanced energy efficiency.**

GPL – Top hinged roof window

- Frame is pine wood, pre-painted white and treated with anti-fungal to ensure longevity.
- Opens to a 45° angle to satisfy Egress requirements for emergency escape (check local building code).
- Ventilation flap opens for limited ventilation.
- Optional insect screen and blinds available.
- Available in varnished pine and polyurethane.
- Step flashing and underlayment sold separately.
- See page 43 for sizes.
- **Available in Triple Pane for enhanced energy efficiency.**

GDL – Cabrio balcony roof window

- Dual-sash operation: Top opens for ventilation and bottom opens outward to create a balcony. Ventilation flap included.
- Top sash rotates inward for easy glass cleaning from inside.
- Optional insect screen and blinds and sold separately.
- Varnished pine frame comes pre-painted white.
- Step flashing and underlayment sold separately.
- See page 43 for sizes.
- **Available in Triple Pane for enhanced energy efficiency.**

Custom FCM

In-Stock custom sizes available. Call for sizing

Fixed Curb Mounted Skylights

Skylights available to fit curbs including flashing that have maximum clearance dimensions of up to 50 ¾″ x 76 ½″.

Features

- **Custom skylights are made to order. We also carry our most popular custom sizes in-stock for faster delivery. Call VELUX to check in-stock custom range.**
- Available in CleanComfortPlus- Laminated glass (04 code).
- Condensation weepage system on all four corners.
- VELUX recommends a 5° slope for water drainage when installing on a flat roof.
- Installation under 14° is not recommended where humidity or condensation is a concern.
- Maintenance free exterior.
- Blinds and flashing not available, call for options.

Curb Mounted GSM - Skymax Custom Series

GSM SkyMax
custom series up to
32 sq. ft.
Call to order

Runs up to 10 feet!

Features

- One-piece extruded vinyl curb incorporates a condensation channel.
- Single unit up to 32 square feet- ten feet at the longest dimension.
- Vinyl frame is structurally reinforced with aluminum.
- Elimination of weep holes increases thermal performance.
- Available in 12 designer colours.
- Sizes are based upon the outside curb dimensions.
- For use with site-built curb and flashing minimum 3 ½″ curb.

Flat Roof Skylights

Quick and easy solution for skylights on a flat roof

The CurveTech skylight features an innovative curved-shaped glass surface that lets in more daylight, easily drains rainwater and stands out externally as a modern addition to roof surfaces.

CurveTech

EUROPEAN DESIGN
MADE FOR
CANADA

Features

- Highly energy efficient, direct roof mount that brings large amounts of sunlight through a flat roof.
- Double glazed window with protective curved-shaped glass or polycarbonate cover.
- Protective cover keeps inner pane warmer reducing likelihood of condensation and minimizing sound from rain and hail.
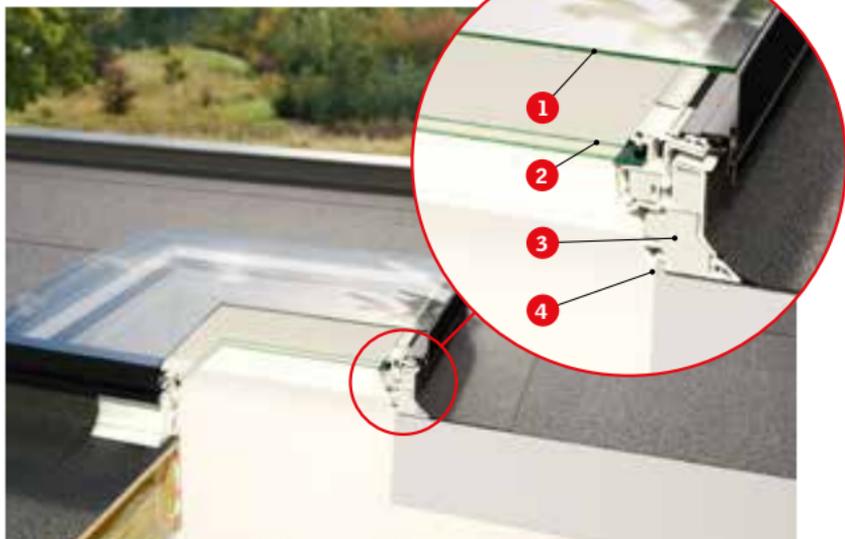
1. Curved-shaped glass cover for water drainage
2. Double glazed glass unit
3. Maintenance-free PVC curb with polystyrene insulation
**4.** Drywall groove for interior finish

CFP – Flat roof skylight

- PVC insulated curb included.
- Available as large as 5' x 5'.
- For size options see page 44.
- Solar blind options available.

VELUX Curb Mounted Skylights have been tested to perform on flat roofs. See page 15.

CVP – Flat roof manual venting skylight
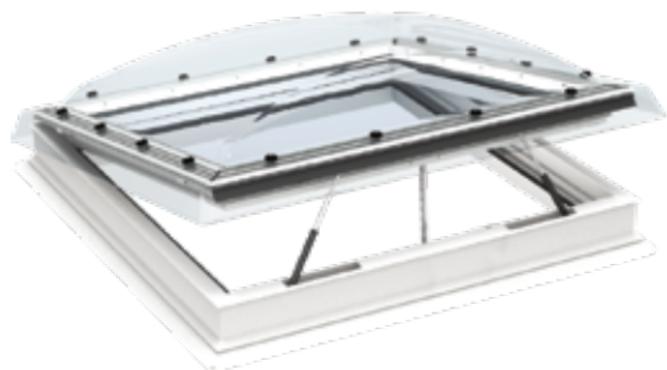
- PVC insulated curb included.
- Manual venting flat roof skylight includes control rod.
- Available as large as 4' x 4'.
- For size options see page 44.

CXP - Flat roof exit
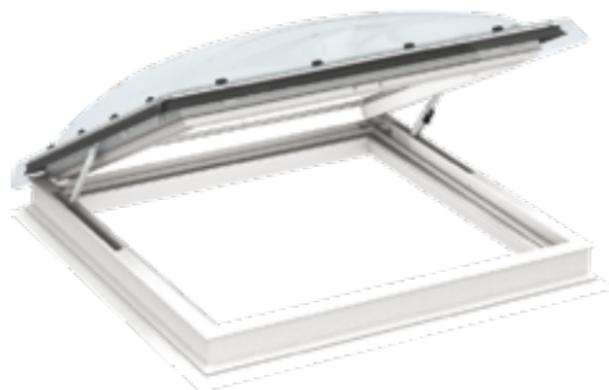
- PVC insulated curb included.
- Provides roof access to flat roofs.
- Sleek internal appearance with a 60° opening angle.
- Available as large as 4' x 4'.
- For size options see page 44.

Sun Tunnel® Skylight

Switching to natural light made easy

No structural changes to the home

After with one unit

Before

After with two units

How a Sun Tunnel® Works
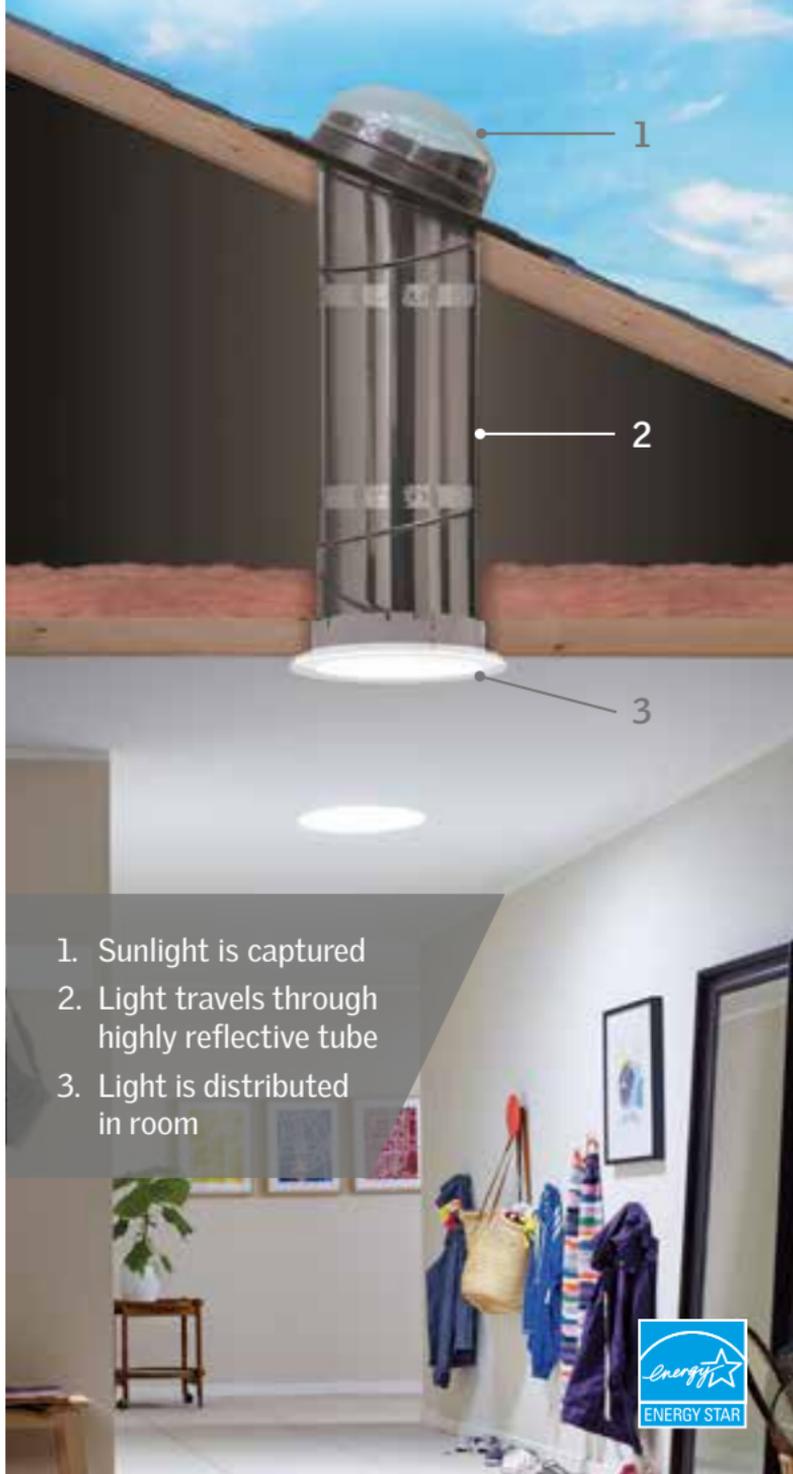
1. Sunlight is captured
2. Light travels through highly reflective tube
3. Light is distributed in room

Features & Benefits

- An energy efficient source of bright, natural light.
- Ideal for projects where the distance between the roof and ceiling is too long for a traditional skylight.
- Easier install with unique patented Flexi-Loc™ system.
- 20-year warranty for rigid tunnel reflection-enhanced material.
- 10-year warranty against manufacturer's defects, rust, corrosion and deterioration.

Sun Tunnel Models

Rigid Models – Maximum light output

TMR
Rigid pitched
flashing

TGR
Rigid low
profile flashing

TLR
Flat glass
flashing

TCR
Flat roof
flashing

- Features a highly reflective tunnel that provides brighter natural light output
- Ideal for straight runs with some flexibility, up to 90°.
- Comes with 4' tunnel in box. Tunnel can run up to 20' for 10" and 25' for 14".
- TGR and TLR models recommended for south-facing roofs only.
- Includes unique Flexi-Loc system, dual pivot elbows and pitch adaptor to cut installation time in half over older models.
- **Provides the best light output.**

14° - 60°
3:12 - 20:12

TCR only

0° - 30°
0:12 - 7.5:12

Flexi-Loc™ system
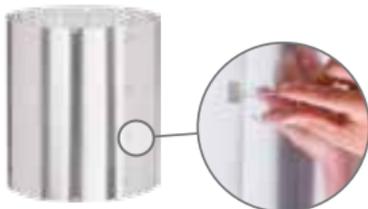
Elbows and pitch adaptor

Flexible Models

TMF
Flexible pitched
flashing

TGF
Flexible low
profile flashing

14° - 60°
3:12 - 20:12

- For installations with many attic obstructions
- 8' of tunnel included in 14" kit (8' max tunnel length)
- 8' of tunnel included in 22" kit (12' max tunnel length)
- TGF model recommended for south-facing roofs only

How to Choose Your Sun Tunnel™ Skylight

Step 1: Pick your model by size and roofing

Available sizes

10" 14" **VR** 22"

Roofing orientation

Roof Exposure	Light Coverage		
	< 150 sq. ft	150-200 sq. ft	200-325 sq. ft
All exposures	TMR 010 TMF 014	TMR 010/014 TMF 014	TMR 014
South exposures	TGR 010 TGF 014 TLR 014	TGR 010/014 TLR 014 TGF 014/022	TGR 014 TCC 022
Flat roof	TCR 014 TCC 022 (up to 400 sq. ft.)		

Step 2: Determine quantity of Sun Tunnels needed

Small/square spaces
- If < 150 sq. ft 1 unit required
- If 200 sq. ft + consider rigid or multiple units

Narrow/rectangular spaces
- Consider multiple units

Step 3: Sun Tunnel accessories

ZTR - Rigid tunnel extensions
For longer tunnel runs 2', 4' and 6' tunnel extension pieces are available in 2' increments.

ZTF - Flexible tunnel extensions
12' flexible tunnel replaces the standard 8' flexible tunnel.

ZTC - Energy Kit

Contains a clear lower tunnel cap that increases the energy efficiency, providing an added layer of protection. Required to meet Energy Star

ZTB - Decorative diffuser upgrade options
See page 43 for more diffuser options.

VR VELUX Recommended

Choosing the Right Glass
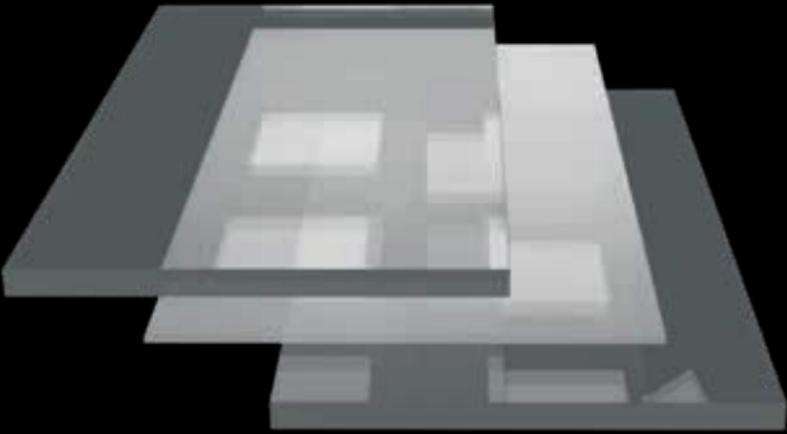
Energy Skylight Series

Looking for greater energy efficiency, VELUX has the widest selection of in-stock Energy Glass options. VELUX offers Energy Star® certified skylights and the VELUX Energy Series, delivering the most energy efficient glass options in the industry.

VELUX is Canada's leading manufacture with the most Energy Star® certified skylights as verified by Natural Resources Canada

VELUX Glass

VELUX glass has an advanced triple Low-E protective coating, dual sealed and injected with Argon gas that provides maximum daylight and heat control for year-round comfort and energy savings. All glass offers some degree of protection from heat loss & gain, fading and sound.

**Laminated glass with Neat®
coating (04/29 codes)**   **Tempered glass
(05/30 codes)**

Benefits of Laminated Glass
with Neat® coating

Silicon dioxide makes Neat® glass a smoother surface
allowing for water to disperse evenly and evaporate
quickly reducing water spots.
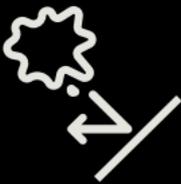
Clean
Neat® coating smooths glass surface
dispersing water evenly, removing dirt
quickly and reduce water spots.
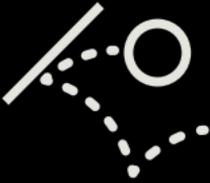
Safe
Laminated layer prevents glass from
shattering into pieces when cracked.

Quiet
Reduce outside noise by up to 25%
more than standard double pane glass
and up to 50% more than a plastic
dome skylight.

Hail warranty*
10-year hail warranty on laminated glass
with Neat® coating on cracking
or breakage due to hail.

VELUX inside information

FACT

Plastic skylights are poorly insulated
and not recommended for Canadian
residential applications.

Skylight Glass Options

<table>
<tr><td rowspan="2">Made for
Comfort</td><td>Glass</td><td>Glass Code</td></tr>
<tr><td>Basic Comfort:
Tempered Glass</td><td>05</td></tr>
</table>

Benefits

- Exterior and interior tempered pane ideal for in-reach skylights.
- Advanced triple Low-E protective coating and Argon gas filled.

<table>
<tr><td rowspan="2">Made for
Better Comfort</td><td>Glass</td><td>Glass Code</td></tr>
<tr><td>CleanComfortPlus:
Laminated Glass</td><td>04 VR</td></tr>
</table>

Benefits

- Exterior tempered glass with Neat® coating for a Clean, Quiet and Safe glass.
- Interior laminated pane for added safety, efficiency, and UV protection.
- 10-year hail warranty.
- Advanced triple Low-E protective coating and Argon gas filled.

Made for Energy Experience

Glass	**Glass Code**
Energy i89: Laminated Glass	89

Benefits

- Maximum energy efficiency and thermal performance.
- Interior laminated pane has Low-E coatings applied on two surfaces for enhanced energy efficiency.
- Exterior tempered pane has Neat® coating for a Clean, Quiet and Safe glass.
- 10-year hail warranty.
- Advanced triple Low-E protective coating and Argon gas filled.
- **Meets Vancouver building code.**

Glass	**Glass Code**
Triple pane laminated	29

Benefits

- Exterior 2 panes are tempered glass.
- Inner pane is laminated glass.
- Exterior tempered glass with Neat® coating for a Clean, Quiet and Safe glass.
- 10-year hail warranty.
- Advanced triple Low-E protective coating and Argon gas filled.
- **Meets Vancouver building code.**

VR VELUX Recommended

Glass	Glass Code
Triple pane	30

Benefits	

- 3 layers of tempered safety glass.
- Protects against fade-causing UV rays.
- High energy efficiency and thermal performance.
- 10-year hail warranty.
- Advanced triple Low-E protective coating and Argon gas filled.

Glass	Glass Code
Triple pane laminated (Deck Mounted Roof WIndow)	66

Benefits	

- Exterior 2 panes are heat strengthened and toughened float glass.
- Sound insulating laminate on inner pane.
- Two internal surfaces with extra heat insulation coatings.
- Argon gas filled.
- Easy to clean and anti-dew coatings on exterior surface.

Glass	Glass Code
ComfortPlus	73

Benefits	

- Double pane.
- Inner glass pane, laminated with 2 x 3 mm float glass.
- Low-E on inner pane.
- Outer pane is 4 mm float glass.
- Argon gas filled.

Made for Energy Experience

■ Laminated glass (04 code) is required to meet most building codes in overhead applications.

*Hail warranty is subject to certain conditions.

Other glazings available call VELUX for more information.

The No Leak Skylight™
• No Leak Promise • No Worries

VELUX Engineered flashing systems are designed to shed water without relying on sealants that can break down over time. Only the VELUX No Leak Skylight™ has 3 patented layers of water protection to protect against the harshest weather conditions providing a leak-proof and worry free installation.
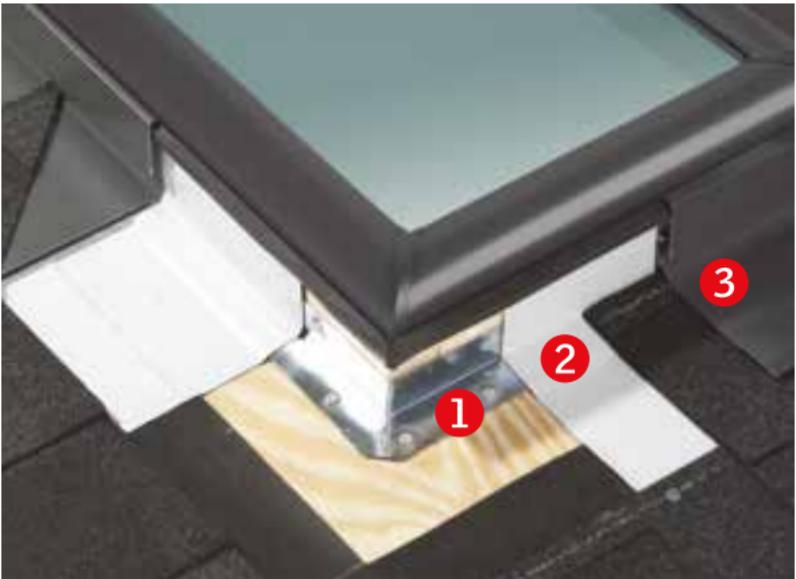
Flashing Options

EDL/ECL –
Shingles/shakes

Step flashing pieces interweave with roofing material for proper water drainage.

EDM –
Metal roof flashing

Flashing pieces interlock with sheet metal roofing material for a weather tight installation (For Deck Mounted Skylights).

EDW/ECW –
High profile flashing

Flashing kit for high profile roofing materials such as concrete tiles, Spanish tiles, cedar shakes, metal tile etc.

ECB –
Flat/Low slope flashing

Used with site-built curb on low-slope roofs (For Deck Mounted Skylights).

EKL/EKW –
Combi flashing

Used to install multiple skylights in groups for dramatic installations (For Deck Mounted Skylights).

VELUX Blind Collection

The ultimate control with the VELUX Blind Collection

VELUX Blinds are a great way to control the amount of light in the room while adding additional energy efficiency and privacy. Achieve your desired amount of daylight, soften the afternoon sun or block out the light for privacy and comfort. For colour selection see page 45.

Blind operation

VELUX ACTIVE COMPATIBLE

Solar Powered Blinds

- Solar blinds are powered by an internal battery, which is charged by the sun and does not require wiring at installation.
- Operates with a simple touch pad or upgrade to VELUX ACTIVE for automatic control.

Blind Options

Room Darkening Blind (Double pleated)

- Blocks most incoming light.
- Energy efficient, highly insulated design.
- Provides absolute privacy.
- Solar powered available for all skylights.
- Manual operation available for fixed skylights and roof windows.

Light Filtering Blind (Single pleated)

- Softens and diffuses incoming light.
- Provides privacy and light control.
- Solar powered available for all skylights.
- Manual operation available for fixed skylights and roof windows.

Venetian Blind

- Control both direction and amount of incoming light.
- Maintain view of outdoors.
- Moisture resistant.
- Manual operation only.

Duo Blind (Roof windows only)

- Combination blackout and single pleated blind.
- Combines total blackout with light diffusing in any ratio at any level on the window.
- Available in white/beige.
- Manual operation only.

Available for most models. Call VELUX for details.

VELUX Blind Codes

Deck Mounted - Blind codes

Skylight Models	VSS/ VSE/ VS	FS
Solar room darkening	FSCH	FSCD
Solar light filtering	FSLH	FSLD
Manual room darkening	N/A	FHCD
Manual light filtering	N/A	FHLD
Manual venetian	CALL	PAD

Curb Mounted - Blind codes

Skylight Models	VCS/ VCE/ VCM	FCM
Solar room darkening	FSCC	ZZZ+FSCC
Solar light filtering	FSLC	ZZZ+FSLC
Manual room darkening	FHCC	ZZZ+FHCC
Manual light filtering	FHLC	ZZZ+FHLC

■ Insect screen must be removed to operate manual blind.
■ Blind & blind tray shipped and invoiced individually.

Visit veluxblinds.ca for more information

Flat Roof Skylights - Blind codes

Skylight Models	CFP
Solar room darkening	Special FSCH
Solar light filtering	Special FSLH

Deck Mounted Roof Window - Blind codes

Roof Window Models	GGL/ GPL/ GXL/ GDL
Solar room darkening - double pleated	Special FSCH
Solar light filtering - single pleated	Special FSLH
Manual venetian blind	PAL
Manual room darkening blind - double pleated	FHC
Manual light filtering blind - single pleated	FHL
Manual duo blind- beige/white	DFD

Skylight Accessories

Home automation

KIX 300 – VELUX ACTIVE Indoor Climate Control Starter Kit

The sensor based control system monitors the climate in your home and automatically adjusts the ventilation of your skylights and position of your blinds for a healthier home. Includes Climate sensor, Departure switch and Internet gateway.

Backwards compatible with any solar or electric skylight manufactured after 2010.

Models: VSS, VCS, VSE, VCE

KLA 300 – VELUX Active Indoor Climate Sensor

Purchase an additional sensor for other rooms with VELUX operable skylights. For Solar and Electric Venting skylights.

Models: VSS, VCS, VSE, VCE

KIG 300 – VELUX Active Internet Gateway

Purchase an additional internet gateway to improve connectivity. For Solar and Electric Venting skylights.

Models: VSS, VCS, VSE, VCE

KLN 300 – VELUX Active Departure Switch

Purchase an additional departure switch for added convenience. For Solar and Electric Venting skylights.

Models: VSS, VCS, VSE, VCE

KLF 200 – Home automation integration kit

Provides two advanced functions: it acts as a repeater that extends the RF range for large spaces as well as an interface unit which allows operation via external systems in your home. For Solar and Electric Venting skylights.

Models: VSS, VSE, VCS, VCE

Remotes and Electric

KLI 110 – Basic remote control

Simple operation of blinds. Operates wirelessly and can be wall mounted. Included with solar blinds for manual venting or fixed skylights.

KLB 100 – Battery backup **VR**

Allows limited operation of electric skylights during a power failure. One needed per applicable skylight.

Models: VSE, VCE

Manual skylight and blind operation

ZZZ 203 – VS/VCM Angle Adaptor

Angle adaptor allows an easier operation on a steeper pitch.

Models VS, VCM

Replacement Hook

Replacement hook to operate manual skylight with a chain operator that is installed overhead.

ZZZ 202 (VS)
ZZZ 211 (VCM)

ZCT 300 – 6' - 10' Telescopic rod

Telescopic rod to operate manual venting skylights with a smooth-turning operation. 3' extension available (ZCT 100).

Models: VS, VCM

Z0Z 032 – 2' Manual rod

A rod to operate manual venting skylights with a smooth-turning operation. 3' extension available (ZCT 100).

Models: VS, VCM

ZXT 200 – 3' - 6' Telescopic rod

Telescopic rod for operation of out of reach manual blinds. 3' extension available (ZCT 100).

Models: All skylight manual blinds.

VR VELUX Recommended

Sizes

Deck Mounted Models

VSS – Solar Powered Venting Skylight
VSE – Electric Venting Skylight
VS – Manual Venting Skylight
FS – Fixed Skylight

VSS   VSE   VS   FS

14° – 85°
3:12 – 137:12

	A06	C01	C04	C06	C08	C12	D26	D06	M02	M04	M06	M08	S01	S06
Rough opening (W" x H")	14 1/2 x 45 3/4	21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	21 x 70 1/4	22 1/2 x 22 15/16	22 1/2 x 45 3/4	30 1/16 x 30	30 1/16 x 37 7/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 7/8	44 1/4 x 45 3/4
Outside frame (W" x H")	15 1/4 x 46 1/4	21 1/2 x 27 3/8	21 1/2 x 38 3/8	21 1/2 x 46 1/4	21 1/2 x 54 15/16	21 1/2 x 70 3/4	23 1/4 x 23 7/16	23 1/4 x 46 1/4	30 9/16 x 30 1/2	30 9/16 x 38 3/8	30 9/16 x 46 1/4	30 9/16 x 54 15/16	44 3/4 x 27 3/8	44 3/4 x 46 1/4

● VSS, VSE, VS & FS models only   ● VSS, VS & FS models only   ● FS models only

VR VELUX Recommended

Curb Mounted Models

VCS – Solar Powered Venting Skylight
VCE – Electric Venting Skylight
VCM – Manual Venting Skylight
FCM – Fixed Skylight (Can be installed sideways)

VCS · **VCE** · **VCM** · **FCM/Custom FCM**

NEW GSM SkyMax custom series up to **32 sq. ft.** Call for details.

0° – 60° 0;12 - 20;12

	1430	1446	2222	2230	2234	2246	2270	3030	3046	3434	3446	4622	4646	3055	3072	4672
Rough opening (W" x H")	14½ x 30½	14½ x 46½	22½ x 22½	22½ x 30½	22½ x 34½	22½ x 46½	22½ x 70½	30½ x 30½	30½ x 46½	34½ x 34½	34½ x 46½	46½ x 22½	46½ x 46½	30½ x 54 3/4	30½ x 72¼	46½ x 72¼
Outside curb (W" x H")	17½ x 33½	17½ x 49½	25½ x 25½	25½ x 33½	25½ x 37½	25½ x 49½	25½ x 73½	33½ x 49½	33½ x 49½	37½ x 37½	37½ x 49½	49½ x 25½	49½ x 49½	33½ x 57¾	33½ x 75¼	49½ x 75¼
Maximum Skylight Clearance (W" x H")	18⅝ x 34⅝	18⅝ x 50⅝	26⅝ x 26⅝	26⅝ x 34⅝	26⅝ x 38⅝	26⅝ x 50⅝	26⅝ x 74⅝	34⅝ x 34⅝	34⅝ x 50⅝	38⅝ x 38⅝	38⅝ x 50⅝	50⅝ x 26⅝	50⅝ x 50⅝	34¾ x 59	34¾ x 76½	50¾ x 76½

🆅🆁 VELUX Recommended

● All models ● VCS & FCM models only ● FCM models only

Custom sizes available to a maximum of 50 ¾" x 76 ½", see page 28 for sizes. Call VELUX for details.

Sizes

Made to Measure

Can be installed sideways for more size options
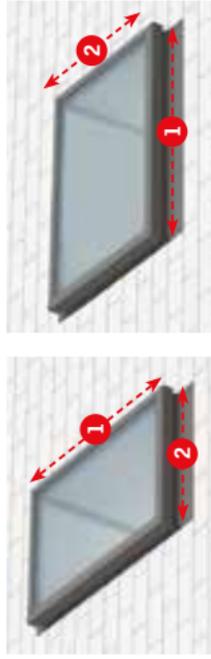
1. From 18¾" to a maximum of 76½"
2. From 18¾" to a maximum of 50¾"

Curb
Curb
Curb (To be built on site)
Outside curb dimension (Including roofing & flashing material)
Provide make size (Maximum skylight clearance)

Custom FCM - Fixed curb Mounted   0° - 60° (0.12 - 20.12)

Maximum skylight clearance (inches)	18¾	19 - 26½	26¾	27 - 34½	34¾	35 - 38½	38¾	39 - 44¾	45 - 50½	50¾
18¾ - 26½	•	•	•	•	•	•	•	•	•	•
26¾	•	FCM 2222	•	•	•	•	FCM 3422	•	FCM 4622	•
27 - 34½	•	•	•	•	•	•	•	•	•	•
34¾	FCM 1430	FCM 2230	•	•	FCM 3030	•	•	•	FCM 4630	•
35 - 38½	•	•	•	•	•	•	•	•	•	•
38¾	•	FCM 2234	•	•	•	•	FCM 3434	•	•	•
39 - 44¾	•	•	•	•	•	•	•	•	•	•
45 - 50½w	•	•	•	•	•	•	•	•	•	•
50¾	FCM 1446	FCM 2246	•	•	FCM 3046	•	•	•	FCM 4646	•
51 - 55¼	•	•	•	•	•	•	•	•	•	•
55½ - 60¾	•	•	•	•	•	•	•	•	•	•
61 - 72	•	•	•	•	•	•	•	•	•	•
72¼ - 74½	•	•	•	•	•	•	•	•	•	•
74¾	•	FCM 2270	•	•	•	•	•	•	•	•
75 - 76½	•	•	•	•	•	•	•	•	•	•

All dimensions are maximum skylight clearance. Some building codes require use of CleanComfortPlus or CleanEnergyPlus glass. For pricing and additional sizing please call 1 800-888-3589.

Deck Mounted Roof Window Models

GGL – Centre pivot roof window
GPL – Top hinged roof window

GGL only: 18.5°–85° / 4:12–13:12
GPL only: 18.5°–55° / 4:12–17:12

	CK06	FK06	MK04	MK06	MK08	PK10	SK06	UK04	UK08
Rough opening (W" x H")	22 1/2 x 46 7/8	26 1/2 x 46 7/8	31 1/4 x 39	31 1/4 x 46 7/8	31 1/4 x 55 1/2	37 5/8 x 63 1/2	45 3/8 x 46 7/8	53 1/4 x 55 1/2	53 1/4 x 55 1/2
Outside frame (W" x H")	21 5/8 x 46 3/8	26 x 46 3/8	30 5/8 x 38 1/2	30 3/4 x 46 3/8	30 5/8 x 55	37 1/8 x 63	44 7/8 x 46 3/8	52 3/4 x 55 1/16	52 3/4 x 55 1/16

GXL – Roof access window

15° – 85° / 3:22–13:712

	FK06
Rough opening (W" x H")	26 1/2 x 46 7/8
Outside frame (W" x H")	26 x 46 3/8

GDL – Cabrio balcony roof window

35.25°–53° / 8.512–1512

	MK19	PK19	SK19
Rough opening (W" x H")	31 1/4 x 99 3/4	37 5/8 x 99 3/4	45 3/8 x 99 3/4
Outside frame (W" x H")	30 5/8 x 99 1/4	37 1/8 x 99 1/4	44 7/8 x 99 1/4

Sun Tunnel Skylights

TCR only: 0° – 30° / 0:12–7:512
14° – 60° / 3:12–20:12

10" Diameter   14" Diameter   22" Diameter

Decorative diffuser upgrade options

ZTB 4004	ZTB 4005	ZTB 4006	ZTB 4007	ZTB 4008	ZTB 4009
Micro Fresnel	Triple Wave	Brushed Metal	Prismatic	Bubbles	Neutral Light

Sizes

Flat Roof Models

CFP – Flat Roof Skylight
CVP – Flat Roof Manual Venting Skylight
CXP – Flat Roof Exit

CFP

CVP

CXP

0° – 15°
0:12 - 3:12

	6060	6090	8080	9090	90120	100100	100150	120120	150150
Rough opening (WxH) cm	60 x 60	60 x 90	80 x 80	90 x 90	90 x 120	100 x 100	100 x 150	120 x 120	150 x 150
Rough opening (W"xH")	$23\,\tfrac{5}{8} \times 23\,\tfrac{5}{8}$	$23\,\tfrac{5}{8} \times 35\,\tfrac{7}{16}$	$31\,\tfrac{1}{2} \times 31\,\tfrac{1}{2}$	$35\,\tfrac{7}{16} \times 35\,\tfrac{7}{16}$	$35\,\tfrac{7}{16} \times 47\,\tfrac{1}{4}$	$39\,\tfrac{3}{8} \times 39\,\tfrac{3}{8}$	$39\,\tfrac{3}{8} \times 59$	$47\,\tfrac{1}{4} \times 47\,\tfrac{1}{4}$	59×59
Exterior frame (W"xH")	$30\,\tfrac{11}{16} \times 30\,\tfrac{11}{16}$	$30\,\tfrac{11}{16} \times 42\,\tfrac{1}{2}$	$38\,\tfrac{9}{16} \times 38\,\tfrac{9}{16}$	$42\,\tfrac{1}{2} \times 42\,\tfrac{1}{2}$	$42\,\tfrac{1}{2} \times 54\,\tfrac{5}{16}$	$46\,\tfrac{7}{16} \times 46\,\tfrac{7}{16}$	$46\,\tfrac{7}{16} \times 66\,\tfrac{1}{8}$	$54\,\tfrac{5}{16} \times 54\,\tfrac{5}{16}$	$66\,\tfrac{1}{8} \times 66\,\tfrac{1}{8}$

● All models ● CFP model only ● CFP & CVP models only

VELUX Blind Collection

	Room Darkening		Light Filtering		Venetian
Standard blind colours‡	1045 White		1016 White		7001 White
Special order blind colours	1047 Charcoal	1049 Golden Beige	1256 Classic White	1259 Classic Sand	7057 Brushed Silver
	1155 Beige	1156 Blue	1274 Charcoal NEW	1275 Natural NEW	7062 Mat Black NEW
	1163 Grey NEW	1164 Grey Melange NEW	1276 Dusty Brown NEW	1277 Dusty Sand NEW	7063 Mat Grey NEW
	1165 Light Brown NEW	1166 Ivory NEW	1278 Beige NEW	1279 Red Wine NEW	7064 Natural NEW
	1167 Orange NEW	1168 Dusty Green NEW	1280 Forest Green NEW	1281 Mint Green NEW	7065 Taupe NEW
	1169 Light Blue NEW	1170 Dark Taupe NEW	1282 Dark Grey NEW	1283 Light Beige NEW	
	1171 Dark Sand NEW	1172 Light Grey NEW	1284 Grey NEW	1285 Soft Blue NEW	
	1173 Petrol NEW		1286 Blue Jeans NEW		

Limited Warranty Summary

This Warranty applies to products manufactured as of January 1st, 2010. Please contact VELUX for warranty information for product manufactured prior to 2010.

VELUX Skylights & Roof Windows

20 YEARS: Parts on seal failure (moisture between glass panes).

10 YEARS: Parts for defective skylights, roof windows and flashings.

10 YEARS: Laminated glass with Neat* coating and triple pane products on cracking or breakage due to hail.

VELUX Sun Tunnel Skylights

20 YEARS: Parts for Rigid Tunnel reflection-enhanced material (surface deterioration).

10 YEARS: Parts (corrosion and deterioration).

VELUX Electrical Systems & Sunscreening Accessories

5 YEARS: Parts for electrical systems and sunscreening accessories.

Limited labour warranty included. See velux.ca or call for full warranty details.

Energy Star

■ Zone 1

Effective January 2020

Canada has adopted a simple, single zone criteria for Energy Star rating.

VELUX has the best selection of Energy Star certified skylights and Sun Tunnels. Not only do we have products that meet Energy Star to save your clients money but they are all rigorously tested to perform in the harshest and most extreme climates. See pages 42-43 for specific Energy Star by product.

All Energy Star® certified skylights are required to have a maximum U-factor value of 2.29 (metric) or 0.40 (imperial) and meet factory inspections. Energy Star® certified skylights are more energy efficient than what most local building codes require.

VELUX also has the **VELUX Energy Series** VES with products that have extremely low performance U-values.

For more information on Energy Star visit www.nrcan.gc.ca/energy

VELUX® | The No Leak Skylight™

Bringing light to life™

VELUX®
Installers
Program

Call or visit our website to be matched
up with the right certified member of the
VELUX Installers Program in your area.

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FSC