



Product Guide

Skylights & Sun Tunnels

Effective February 1st, 2016



Mount Pleasant House:
Designed and built by Roundabout Studio

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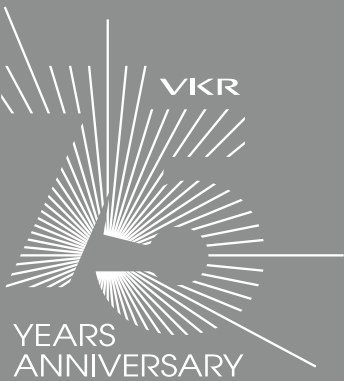
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President's Message

The VELUX Group celebrates the idea of bringing daylight and fresh air into people's lives. Through 75 years of innovation and dedicated work, we have refined this idea. Today, we offer a wide range of products and solutions that contribute to the quality of life for people living and working in buildings and for kids learning in schools.

In 1941, Villum Kann Rasmussen came up with the brilliant idea to transform dark attics into living spaces with daylight and fresh air. What began as a school renovation project in Denmark has grown into an international group of companies in more than 40 countries. In 2016, we celebrate the 75-year journey of this remarkable idea, on which we have founded our company and business.

Celebrating 75 years of daylight and fresh air, we will pay tribute to our heritage and history – and look to the future. We have proud and dedicated employees working each and every day to bring daylight and fresh air into people's lives – an idea that is more important than ever.









As housing costs continue to climb, the need to affordably invest in and raise the value of both new and renovated homes has never been more important. We believe that VELUX skylights optimize both the value and quality of residential spaces, thereby making them more appealing to the homeowner. Daylight and natural ventilation are considered a worthwhile investment; we see this awareness continue to rise in the real estate market.

Another trend we have seen in the marketplace is solar powered technology. VELUX remains the only manufacturer to offer solar powered skylight technology using smart touch screens, automatic sensors, and remote controls. All of our skylights are rigorously tested for a variety of climates to offer reliable performance. And because VELUX products are easy to install and hassle-free, a greater number of consumers are choosing the option of powering their skylights with our innovative solar powered technologies.

We are very proud to celebrate our 75th anniversary this year. As VELUX continues to draw inspiration from our rich history and combines it with engineering excellence, innovation and the market need, we continue to deliver the best skylights on the market. Our design, technology and overall customer experience results in "European design made for Canadians."

Nels Moxness
President, VELUX Canada

Find the right solution for your space

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Bringing light to life™

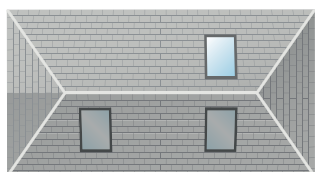
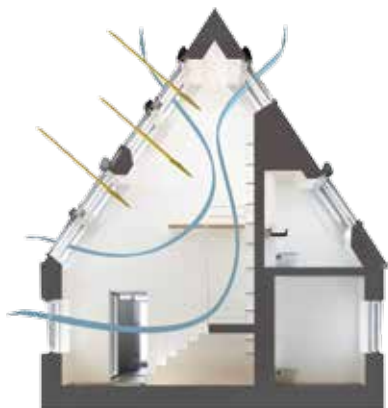


How to create the ultimate living environment

Fresh Air: The Stack Effect

Hot air rises and cold air sinks. This is the underlying concept of the stack effect, a design approach that greatly enhances natural airflow and ventilation in homes. The stack effect depends on the laws of physics to allow hot air, odours and toxins to rise and escape through the roof, thereby improving human comfort with cooler indoor temperatures achieved through little or no air conditioning. Because the stack effect depends upon open interior spaces, it is also very effective at providing considerable amounts of natural daylight into the core of the home. This is why VELUX skylights are an essential component in achieving a successful stack effect.

VELUX Solar powered and Electric venting skylights are perfect for high humidity rooms such as kitchens, bathrooms and second level bedrooms offering optimal performance in controlling airflow. Create a superior indoor climate while benefiting from the energy savings.



Orientation

When picking the right skylight and blind combination it is important to consider the orientation of the home.

- Southern facing skylights will capture the most sunlight during the day.
- Northern facing skylights will receive no direct sunlight at all but it will still capture a constant reflected light throughout the day.
- Eastern facing skylights will catch the rising sun.
- Western facing skylights will capture sunlight from early afternoon onwards.





After



Before

Daylight

Getting the right amount of daylight is essential for our health and well-being; it improves our mood and fights seasonal affective disorder.

Skylights can deliver 2 times the amount of daylight as vertical windows greatly reducing the need for artificial light and lowering electricity costs. Skylights and Sun Tunnels are a perfect solution to getting ample amounts of natural light into your home. We spend 90% of our time indoors and we need the right levels of daylight to live a healthier longer life. Not to mention skylights add drama and style to your home. Love your home again!

Kitchen

Beauty, natural light and venting all in one solution. Combinations are endless!



Key Benefits

- Bring in large amounts of daylight into one of the most commonly used areas in your home.
- Combinations are endless. Combine fixed and venting models to maximize the amount of daylight, increase the flow of natural ventilation, achieve optimal airings and add drama to any space.
- Enjoy having peace of mind with the Solar or Electric venting models with integrated rain sensors which close in case of inclement weather.

Want this solution?

VSS - Solar Powered Venting
Deck Mount Skylight



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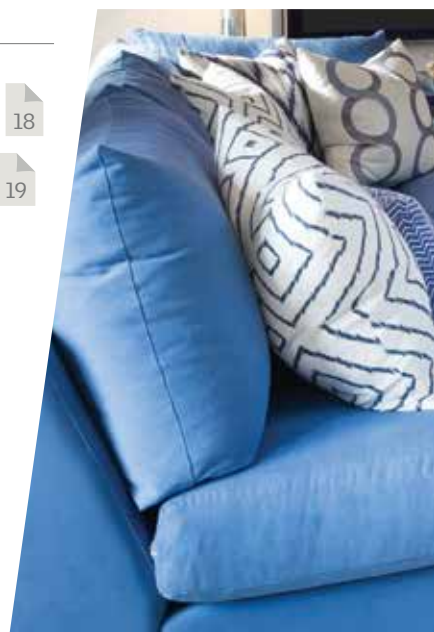
VELUX Combination System



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For more inspiration, videos and to find a certified member of the VELUX Installers Program go to – velux.ca





Living Room

Key Benefits

- Dramatically open up your room with natural light.
- Skylights with laminated glass are ideal for out-of-reach applications.
- Reduce glare and control the light with the VELUX blind collection.

Want this solution?

FS - Fixed Deck Mount Skylight



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VELUX Blind Collection

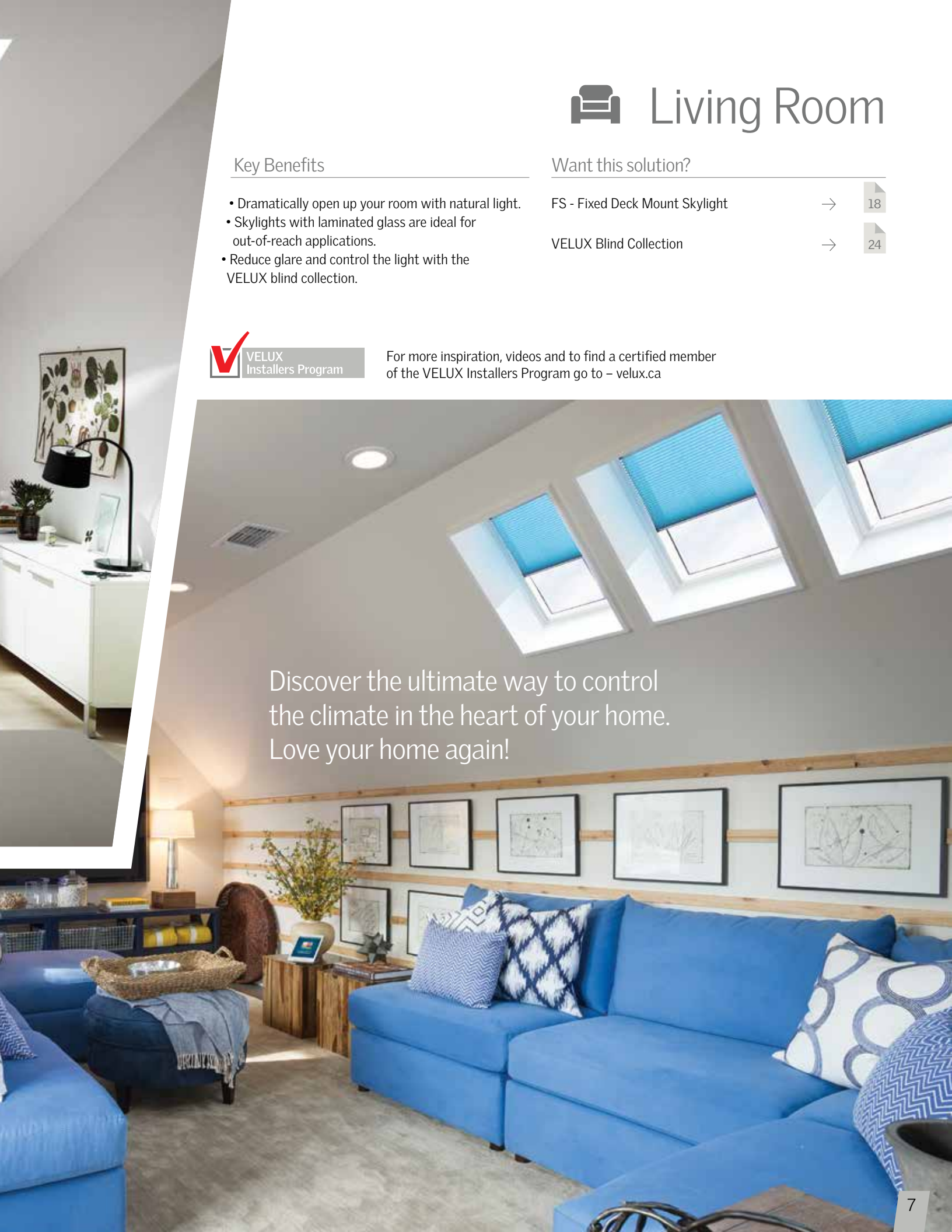


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VELUX
Installers Program

For more inspiration, videos and to find a certified member of the VELUX Installers Program go to – velux.ca



Discover the ultimate way to control
the climate in the heart of your home.
Love your home again!



Home Office

Key Benefits

- Reduce the need for artificial light in the room.
- Laminated glass offers excellent insulation and noise reduction so that you are not distracted by unwanted noise.
- Control the amount of light and glare in the room with the VELUX blind collection.

Want this solution?

GPU - Top Hinged Roof Window



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VELUX Blind Collection



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Work, study and read with the
right amount of natural light!



VELUX
Installers Program

For more inspiration, videos and to find a
certified member of the VELUX Installers
Program go to – [velux.ca](https://www.velux.ca)



Top of Stairs

Key Benefits

- Make an architectural statement while letting in abundant natural light.
- Ideal area in your home for a venting skylight to create a natural ventilation system.
- Combined multiple units for endless possibilities.

Want this solution?

VSS - Solar Powered Venting
Deck Mount Skylight



18

VELUX Combination System



19

Bring natural light into
the core of your home.
Love your home again!



For more inspiration, videos and to find a
certified member of the VELUX Installers
Program go to – velux.ca

activehouse.INFO
BUILDINGS THAT GIVE MORE THAN THEY TAKE

Bathroom

Key Benefits

- Enjoy privacy, a sophisticated design touch and an unobstructed view.
- Let the steam out after a hot shower or bath.
- Reduce electricity costs during the day.

Want this solution?

VCS - Solar Powered Venting
Curb Mount Skylight

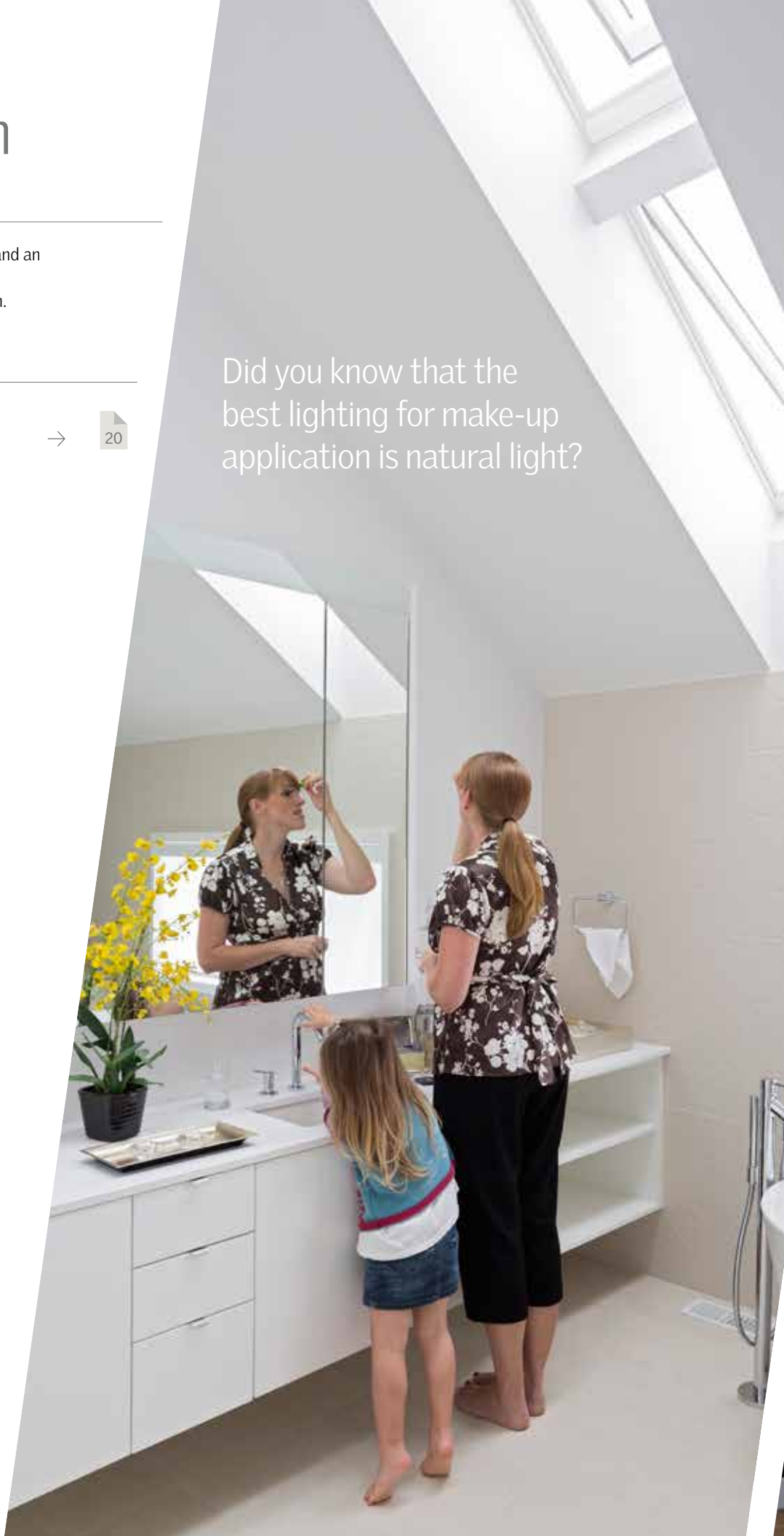


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Did you know that the best lighting for make-up application is natural light?



For more inspiration, videos and to find a certified member of the VELUX Installers Program go to – velux.ca



Bedroom

Key Benefits

- Wake up to natural light with automated venting skylights paired with a blind programmed to open at the time of your choice.
- Have total control over the amount of light in the room with a Room Darkening blind (double pleated).
- Close the blinds before bedtime to completely block out the light.

Want this solution?

VCE- Electric Venting Curb Mount Skylight



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VELUX Blind Collection



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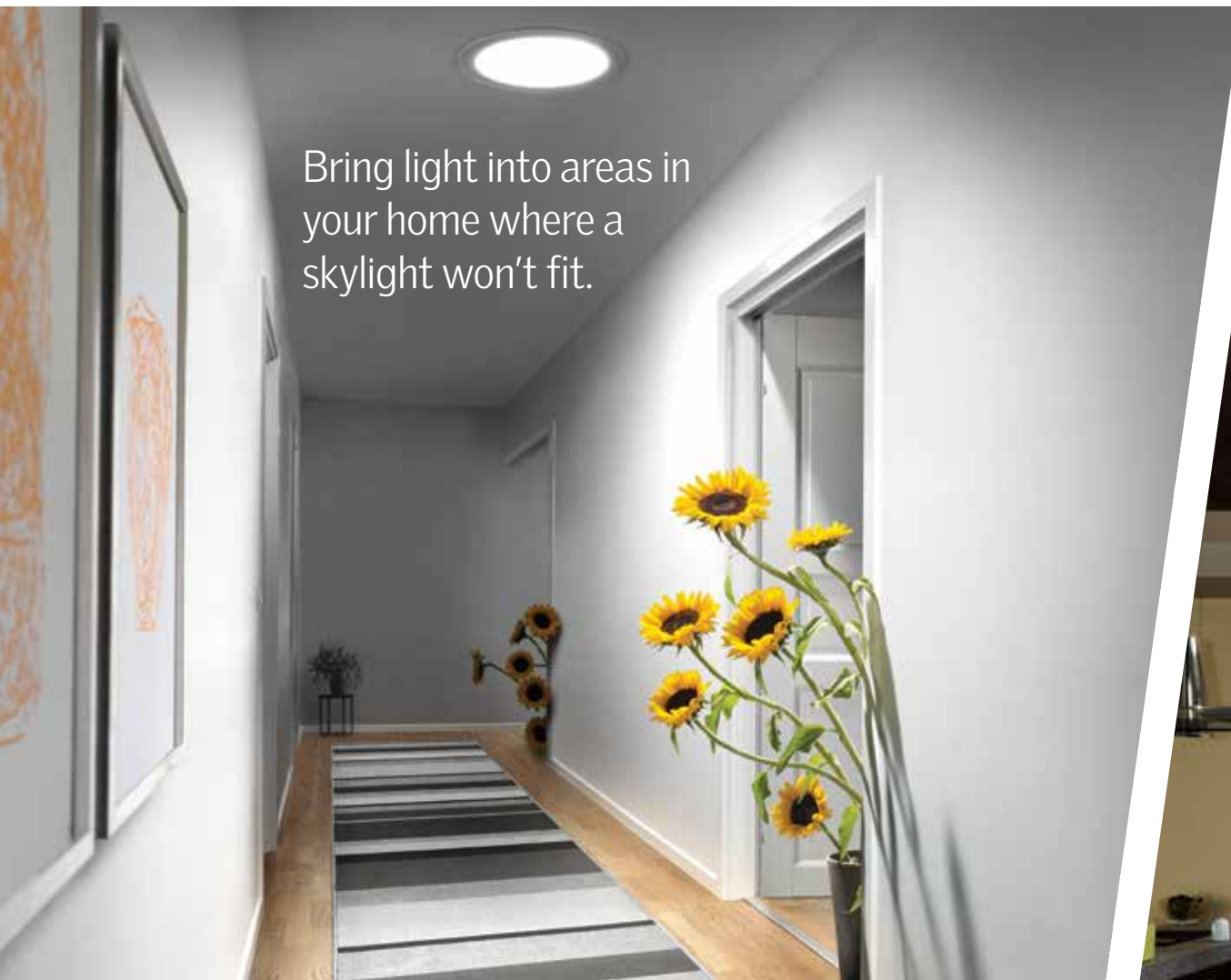


VELUX
Installers Program

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Wake up with a smile.
Love your home again!

Leading light into places you never thought possible!



Bring light into areas in your home where a skylight won't fit.

Key Benefits

- The highly reflective tunnel directs natural daylight into the space below.
- Ideal for hallways, bathrooms, kitchens, walk-in closets and stairwells.
- Easy to install with no structural changes to the house. Designed to fit between the ceiling joists for a quick, non-intrusive installation.
- Less labour = lower cost.

Want this solution?

TMR Rigid Sun Tunnel



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Energy Kit for added energy efficiency



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VELUX
Installers Program

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Tunnel
length up to
20' on rigid
models



How Sun Tunnels Work

1. Sunlight is captured on the roof.
2. Light travels through highly reflective tunnel.
3. Light is distributed in room.



Before



After



Choosing the Right Glass



VELUX glass has an advanced triple LoE protective coating that provides maximum daylight and heat control for year-round comfort and energy savings. All glass offer some degree of protection from heat loss & gain, fading and sound.

Laminated glass with Neat® coating (04/10 codes)



Laminated glass - Recommended for out-of-reach applications

Silicon dioxide makes Neat® glass a smoother surface allowing for water to disperse evenly and evaporate quickly reducing water spots. Dual pane laminated glass is standard on all venting models.

Laminated glass with Neat® coating



CleanComfortPlus glass (04 code)

- Exterior tempered safety glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- Laminated interior pane for added safety and protection from UV rays.
- Excellent energy efficiency and thermal performance.



CleanEnergyPlus glass (10 code)

- Exterior tempered safety glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- Tempered and laminated inner pane for additional strength for high snowload.
- Excellent energy efficiency and thermal performance.

Benefits of Laminated Glass



Clean

Features Neat® glass coating to keep your skylight cleaner, longer, leaving skylights virtually spotless.



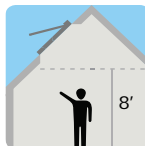
Hail warranty*

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



Quiet

Reduce unwanted outside noise by up to 25% less than a standard double pane glass, and up to 50% less than a plastic skylight.



Safe

VELUX recommends laminated glass for out-of-reach applications.

ComfortPlus glass for Roof Windows includes a single layer of LoE. Other glazings available, call for details.

*Hail warranty is subject to certain conditions. Call VELUX for more information.



VELUX Recommended



Tempered glass (05/30 codes)



40+
glass combinations
available through
special order

Special Order Glass

Glass options include different surface coating, tempered panes and laminated panes for privacy, light control, safety and strength. Please call for details.

Tempered glass - Recommended for in-reach applications

Tempered glass is a very strong glass that has been triple coated with LoE, dual seal and injected with Argon gas.

Tempered glass



Comfort glass (05 code)

- Exterior and interior tempered safety glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- High energy efficiency and thermal performance.
- Protects against fade-causing UV rays.

**FCM
Comfort**
is rated best
in class

Triple pane



Triple pane (30 code) available in select FCM sizes

- 3 layers of tempered safety glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- Protects against fade-causing UV rays.
- Excellent energy efficiency.

NEW!
10 Year
Hail Warranty
On triple pane

The No Leak Skylight™

• No Leak Promise • No Worries



Deck Mount technology



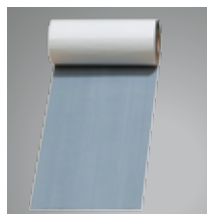
Benefits

- Ideal for new construction and renovation projects.
- Neutral grey frame colour attracts less heat and blends in with most roof colours including; black, grey, brown, etc.

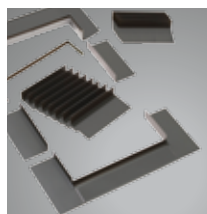
Three layers of water protection



- 1. Pre-attached deck seal** provides a 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.

- Unmatched quality, durability & technology



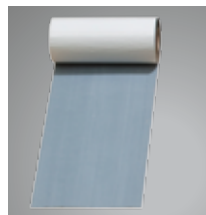
Curb Mount technology



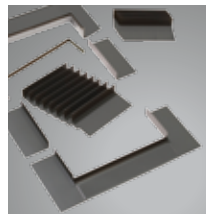
Benefits

- A quick and easy solution for replacing plastic or clear glass skylights.
- Simple to install; easily fits over existing curbs.
- Perfect for flat roof installations.
- FCM can be installed sideways.
- Pre-attached curb gasket requires no caulking or sealant during installation.

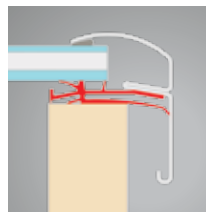
Three layers of water protection



- 1. Adhesive underlayment** for secondary water protection against the harshest weather conditions and to waterproof the curb.



- 2. Engineered flashing** is easy to install and first defense against the elements.



- 3. Curb gasket** on the inner frame of the skylight provides an airtight seal to the curb. No caulking required.

Deck Mounted Skylights



Step 1: Pick your application and model

Out-of-reach applications



VSS – Solar Powered Venting

Sizes	C01	C04	C06	C08	M02	M04	M06	M08	S01	S06
Outside frame (W" x H")	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	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
Rough opening (W" x H")	21 x 26 3/8	21 x 37 3/8	21 x 45 3/4	21 x 54 7/16	30 1/16 x 30	30 1/16 x 37 3/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 3/8	44 1/4 x 45 3/4



VSE – Electric Venting

Sizes	C01	C04	C06	C08	M04	M06	M08	S01	S06
Outside frame (W" x H")	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	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
Rough opening (W" x H")	21 x 26 3/8	21 x 37 3/8	21 x 45 3/4	21 x 54 7/16	30 1/16 x 37 3/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 3/8	44 1/4 x 45 3/4

In-reach applications



VS – Manual Venting

Sizes	C01	C04	C06	C08	M02	M04	M06	M08	S01	S06
Outside frame (W" x H")	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	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
Rough opening (W" x H")	21 x 26 3/8	21 x 37 3/8	21 x 45 3/4	21 x 54 7/16	30 1/16 x 30	30 1/16 x 37 3/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 3/8	44 1/4 x 45 3/4

Fixed non-opening applications



FS – Fixed

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

Step 2: Pick your glass



Out-of-reach installations

CleanComfortPlus (04 code) and CleanEnergyPlus (10 code) are laminated glass with Neat® coating. Neat coating keeps your skylight cleaner, longer leaving your skylight virtually spotless. Enjoy the added safety and a 10 year hail warranty

In-reach installations

Tempered glass (05 code) is a strong durable glass perfect for within reach applications. (Standard on all fixed skylights)

Energy efficient solutions

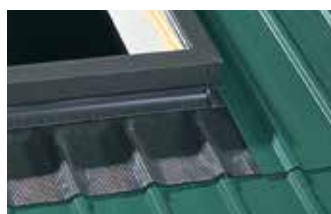
CleanEnergyPlus (10 code) – Enjoy the benefits of laminated glass and added energy efficiency.

Step 3: Pick your flashing



EDL – Shingles/shakes

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



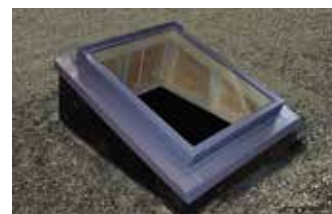
EDM – Metal roof flashing

Flashing pieces interlock with roofing material for a weather tight installation.



EDW – High profile flashing

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



ECB – Low slope flashing

Used with site-built curb on low-slope roofs.

EKL/EKW – VELUX Combination System

Used to install multiple skylights in groups for dramatic installations.



Endless combinations!
Call for design ideas.



Step 4: Pick your blind



Room Darkening Blind (Double pleated)

- Solar powered available for all models.
- Manual operation for fixed.



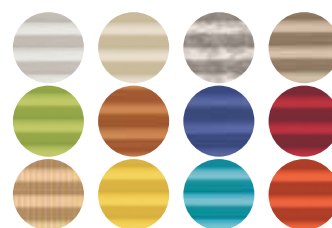
Light Filtering Blind (Single pleated)

- Solar powered available for all models.
- Manual operation for fixed.



Venetian Blind

- Manual operation only.



Colour options - Over 40 colours to choose from, your VELUX Blind will accent any space in your home.

Curb Mounted Skylights

Installation under 14° is not recommended where humidity or condensation is a concern.



Step 1: Pick your application and model

Out-of-reach applications



VCS – Solar Powered Venting

Sizes	2222	2234	2246	3030	3046	3434	4622	4646
Inside curb/ rough opening (W" x H")	22 1/2 x 22 1/2	22 1/2 x 34 1/2	22 1/2 x 46 1/2	30 1/2 x 30 1/2	30 1/2 x 46 1/2	34 1/2 x 34 1/2	46 1/2 x 22 1/2	46 1/2 x 46 1/2
Outside curb (W" x H")	25 1/2 x 25 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	49 1/2 x 25 1/2	49 1/2 x 49 1/2



VCE – Electric Venting

Sizes	2222	2234	2246	3030	3046	3434	4646
Inside curb/ rough opening (W" x H")	22 1/2 x 22 1/2	22 1/2 x 34 1/2	22 1/2 x 46 1/2	30 1/2 x 30 1/2	30 1/2 x 46 1/2	34 1/2 x 34 1/2	46 1/2 x 46 1/2
Outside curb (W" x H")	25 1/2 x 25 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	49 1/2 x 49 1/2

In-reach applications



VCM – Manual Venting

Sizes	2222	2234	2246	3030	3046	3434	4646
Inside curb/ rough opening (W" x H")	22 1/2 x 22 1/2	22 1/2 x 34 1/2	22 1/2 x 46 1/2	30 1/2 x 30 1/2	30 1/2 x 46 1/2	34 1/2 x 34 1/2	46 1/2 x 46 1/2
Outside curb (W" x H")	25 1/2 x 25 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	49 1/2 x 49 1/2

Fixed non-opening applications



FCM – Fixed Curb Mount*

Sizes	1430	1446	2222	2230	2234	2246	2270	3030	3046	3434	3446	4622	4646
Inside curb/ rough opening (W" x H")	14 1/2 x 30 1/2	14 1/2 x 46 1/2	22 1/2 x 22 1/2	22 1/2 x 30 1/2	22 1/2 x 34 1/2	22 1/2 x 46 1/2	22 1/2 x 70 1/2	30 1/2 x 30 1/2	30 1/2 x 46 1/2	34 1/2 x 34 1/2	34 1/2 x 46 1/2	46 1/2 x 22 1/2	46 1/2 x 46 1/2
Outside curb (W" x H")	17 1/2 x 33 1/2	17 1/2 x 49 1/2	25 1/2 x 25 1/2	25 1/2 x 33 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	25 1/2 x 73 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	37 1/2 x 49 1/2	49 1/2 x 25 1/2	49 1/2 x 49 1/2

*FCM can be turned sideways.

VR VELUX Recommended



Custom FCM* – Fixed Curb Mount

In-stock custom sizes	3459	3476	5076
Inside curb/ rough opening (W" x H")	30 1/2 x 54 3/4	30 1/2 x 72 1/4	46 1/2 x 72 1/4
Outside curb (W" x H")	33 1/2 x 57 3/4	33 1/2 x 75 1/4	49 1/2 x 75 1/4
Maximum Skylight Clearance (W" x H")	34 3/4 x 59	34 3/4 x 76 1/2	50 3/4 x 76 1/2

Made to measure up to 50 3/4" x 76 1/2"

Step 2: Pick your glass



Out-of-reach installations

CleanComfortPlus (04 code) and CleanEnergyPlus (10 code) are laminated glass with Neat® coating that leaves your skylight virtually spotless. Triple Pane (30 code) gives you three layers of tempered glass (available in select FCM sizes). Enjoy the added safety and a 10 year hail warranty.



In-reach installations

Tempered glass (05 code) is a strong durable glass perfect for within reach applications. (Base glass on all fixed skylights)



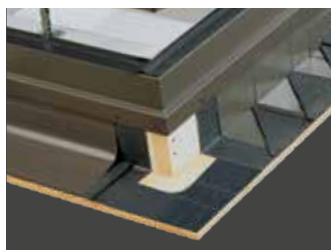
Energy efficient solutions

CleanEnergyPlus (10 code) – Enjoy the benefits of laminated glass and added energy efficiency.

Triple Pane (30 code) – Gives you three layers of tempered glass, perfect for those extreme climates. (Available in select FCM sizes)

NEW! 10 year hail warranty on triple pane

Step 3: Pick your flashing



ECL – Shingles/shakes

Step flashing pieces interweave with roofing material for proper water drainage. For use with shingles or shakes less than 3/4" thick.



ECW – High profile flashing

Flashing kit for high profile roofing materials such as concrete tile, cedar shake, etc. For use with metal roofing, tiles or shakes more than 3/4" thick.

Step 4: Pick your blind**



Room Darkening Blind (Double pleated)

•Solar and Manual operation available.



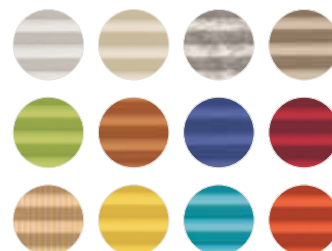
Light Filtering Blind (Single pleated)

•Solar and Manual operation available.



Venetian Blind

•Manual operation only.
•Minimum pitch is 14°.



Colour options - Over 40 colours to choose from, your VELUX Blind will accent any space in your home.

*Custom sizes available to a maximum of 50 3/4" X 76 1/2". Call VELUX for details.

**Blinds are not available for the FCM 1430, 1446, 3459, 3476, 5076 size.

Flat Roof Solutions

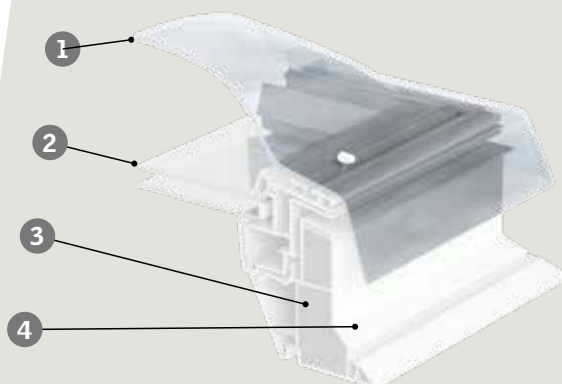
Quick and easy solution for new skylights on a flat roof

Opening up a flat roof with a skylight or Sun Tunnel can fill a forgotten space with light, transforming a room. VELUX offers a range of options for flat roofs – all designed to keep heat loss to a minimum, make the most of solar gain and let in natural daylight. Just choose the one that suits you best, then sit back and enjoy the benefits!



Benefits

- Highly energy efficient, innovative solution for bringing large amounts of sunlight through a flat roof.
- Double glazed window with protective polycarbonate cover.
- Polycarbonate cover provides excellent sound insulation from rain and hail.
- Maintenance-free PVC frame.



1. Polycarbonate cover
2. Double glazed glass unit
3. Polystyrene insulation
4. PVC profile

CFP Flat roof skylight



- Available as large as 5' x 5'.

CVP Flat roof manual venting skylight



- Manual venting flat roof skylight with a 2' control rod included.
- Available as large as 4'x4'.

CFP & CVP available sizes

Size code	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 5/8 x 23 5/8	23 5/8 x 35 7/16	31 1/2 x 31 1/2	35 1/16 x 35 7/16	35 7/16 x 47 1/4	39 3/8 x 39 3/8	39 3/8 x 59	47 1/4 x 47 1/4	59 x 59
Exterior frame (W"xH")	30 5/8 x 30 5/8	30 5/8 x 42 1/2	35 1/2 x 35 1/2	42 1/2 x 42 1/2	42 1/2 x 54 1/2	46 7/16 x 46 7/16	46 7/16 x 66 1/8	54 1/2 x 54 1/2	66 1/8 x 66 1/8

● All models ● CFP model only



VELUX
Curb Mount
Skylights have been
tested to perform
on flat roofs.
See page 20 for
more information



CXP Flat roof exit



- Provides roof access to flat roofs.
- Sleek internal appearance with a 60° opening angle.
- Available as large as 4' x 4'.

CXP available sizes

Size code	90120	100100	120120
Rough opening (WxH) cm	90 x 120	100 x 100	120 x 120
Rough opening (W"xH")	35 ⁷ / ₁₆ x 47 ¹ / ₄	39 ³ / ₈ x 39 ³ / ₈	47 ¹ / ₄ x 47 ¹ / ₄
Exterior frame (W"xH")	42 ¹ / ₂ x 54 ¹ / ₃	46 ⁷ / ₁₆ x 46 ⁷ / ₁₆	54 ¹ / ₃ x 54 ¹ / ₃



TCR Residential flat roof Sun Tunnel



- Effective lighting area: up to 325 square feet (14" model).
- Run length is calculated based on vertical drop and accounts for standard 1" overlap between components.
- Available in 14" and 22" diameter. See page 26 for more information.

Sun Tunnel™ Skylights

Leading light into any space!

Benefits

- Ideal for projects where the distance between the roof and ceiling is too long for a traditional skylight.
- Energy kit is designed for the Canadian climate to increase energy efficiency.
- Electric light kit available for use of the Sun Tunnel as night time light source.
- Accessories available to help customize the way light affects your room.

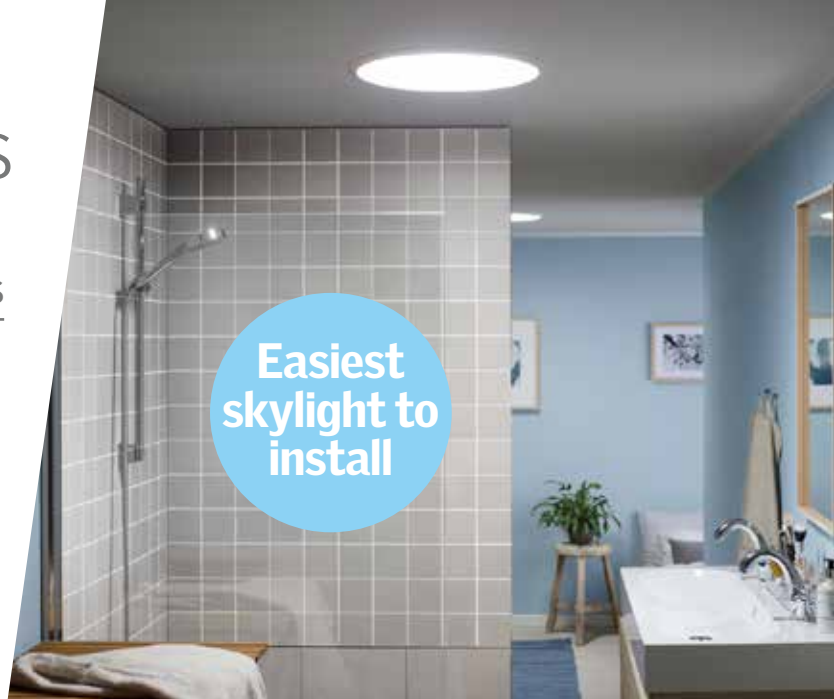
Available sizes

10"

14"

22"

Easiest
skylight to
install



Step 1: Determine light coverage to find your model and number of units required

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

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.



Rigid Tunnel Models

4' of tunnel comes standard in box. Tunnel runs up to 20' for 10" and 14" models and up to 24' for 22" models*.

Flexible Tunnel Models

8' of tunnel comes standard in box. Tunnel runs up to 8' for 14" models and 12' for 22" models*.



*Light will vary depending on orientation and sun exposure

VR VELUX Recommended



Step 2: Sun Tunnel extensions

ZTR – Rigid tunnel extensions



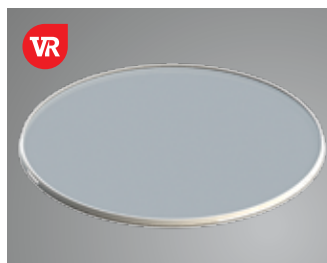
ZTR – Rigid tunnel extensions

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

ZTF – Flexible tunnel replacement

12' flexible tunnel that replaces the standard 8' flexible tunnel. Available for the 22" model only.

Step 3: Added energy efficiency



ZTC 41 – Energy kit

Increases the energy efficiency of VELUX Sun Tunnels in extreme temperatures and ensures Energy Star qualification. Recommended for the Canadian climate.



Optional Accessories



ECW – Tile flashing for curb mount Sun Tunnels

Designed for tile roofing material. For TCR model only.



ZTL – Electric night light kit

Turn your Sun Tunnel into a night time light source.



ZTK – Room darkening shade (manual)

Allows you to block the light emitted by the Sun Tunnel skylight.



ZTC 02 – Prismatic diffuser plate

Ceiling level diffuser with uniform prisms to diffuse the light evenly.



ZTC 03 – Fresnel diffuser plate

Ceiling level diffuser with unique concentric honeycomb parabolic prisms to maximize light diffusion.



ZTB – Decorative diffuser

Ceiling level decorative diffusers for VELUX Sun Tunnel skylights that transforms daylight into a decorative style that complements any décor.



ZTB 3021
Brushed Nickel



ZTB 3022
Polished Brass



ZTB 3023
Oil Rubbed Bronze



ZTB 3020
White

Roof Windows



GGU Centre pivoting roof window



- Timber core with moulded white polyurethane finish.
- For within reach installations such as attics and bonus rooms.
- The window swivels 180° in its frame for easy and safe cleaning.
- Ventilation flap opens for limited ventilation.
- Optional insect screen and blinds available.

GPU Top hinged roof window



- Timber core with moulded white polyurethane finish.
- Opens to a 45° angle to satisfy egress requirements for emergency escape (check local building code).
- Window rotates 180° and locks in place for easy cleaning of outer pane.
- Ventilation flap opens for limited ventilation.
- Optional insect screen and blinds available.

Available sizes

	CK06	NEW FK06	MK04	MK08	PK10	SK06	UK08
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 5/8 x 55	37 1/8 x 63	44 7/8 x 46 3/8	52 3/4 x 55 1/16
Rough opening (W" x H")	22 1/8 x 46 7/8	26 1/2 x 46 7/8	31 1/4 x 39	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



GXU Roof access window



15° - 85°
3:22-137:12

- 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.
- Timber core with moulded white polyurethane finish.
- Ventilation flap.
- Slim sash and frame appearance.

Available size



FK06

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

GDL Cabrio balcony roof window



35.25°-53°
8.5:12-15:12

- Dual-sash operation: Top opens for ventilation and bottom opens outward to create a balcony.
- Top sash rotates inward for easy glass cleaning from inside.
- Pine frame comes pre-painted white.
- Also available in varnished pine.
- Optional insect screen and blinds available.

Available sizes



PK19



SK19

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

Light Control Solutions

Controlling the amount of light in your room is easy with the VELUX Blind Collection available in a wide range of colours and pleated styles. Fill your room with daylight and fresh air, soften the afternoon sun or darken the light with the VELUX pleated blind collection designed for you to have the ultimate control and privacy.



Bedroom

Choose the right blinds for a good night's sleep or an afternoon curled up with a book.



Living room

Create a bright cozy family area with VELUX blinds.



Home office

A multi-purpose space benefits from versatile blinds that work day and night.



Bathroom

Easy to clean and a great way to add extra privacy in the bath.



Kitchen

VELUX blinds keep your kitchen comfortable all day long.

Visit
veluxblinds.ca
to order
your blind

Available Blind Options



Room Darkening Blind (Double pleated)

Recommended for room type:



- Blocks most incoming light.
- Energy efficient, highly insulated design.
- Provides absolute privacy.
- Solar powered or manual operation.



Light Filtering Blind (Single pleated)

Recommended for room type:



- Softens and diffuses incoming light.
- Provides privacy and light control.
- Solar powered or manual operation.
- Reduces glare



Venetian Blind (Aluminum)

Recommended for room type:



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



Duo Blind (Roof windows only)

Recommended for room type:



































- 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.



Colour Options*

Choose the blind colour that suits your personal style and home decor. The current VELUX blind collection is available for skylights manufactured in 2010 and later. For customers who have skylights manufactured before 2010 please call VELUX for blind options.

	Standard blind colours†		Special order blind colours									
Room Darkening												
	White 1045	Beige 1155	Peach 1049	Green 1157	Grey 1158	Brown 1159	Charcoal 1047	Blue 1156	Raspberry 1051	Yellow 1160	Orange 1161	Cherise 1162
Light Filtering												
	White 1016	Classic sand 1259	Snowy white 1255	Classic white 1256	Wavy white 1257	Delightful cream 1258	Misty brown 1260	Lovely latte 1261	Infinity grey 1262	Metallic gold 1263	Shiny cappuccino 1264	Metallic blue 1265
Venetian												
	White 7001		7056	7057	7012	7058	7059	7060	7061			

*Not all blind styles are available for all skylight and roof window models. Call VELUX for details.

†Lead time is an additional 3-5 days for factory installed blinds and must be requested when ordered.

Accessories

Electric and solar remotes



KLR 200 – Intelligent touch remote powered by VELUX INTEGRA®

Operate your VELUX skylight from anywhere in your home with the Intelligent touch remote. Fitting nicely in the palm of your hand, the KLR 200 is easy to program and even easier to operate. Program all of your skylights and blinds to one remote. Set timers for your skylights and blinds to open and close.

Models: VSS, VSE, VCE, VCS (Included)



KLI 110 – RF keypad

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

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

Models: VSE, VCE



Manual skylight operation



ZCT 300 – 6' - 10' telescopic rod

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

Models: VS, VCM



ZZZ 203 – Adaptors

Angle adaptor allows operation on a steeper pitch.

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

Home automation



KLF 100 – 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.

Models: VSS, VSE, VCS, VCE

Manual blind operation



ZXT 200 – 3' - 6' telescopic rod

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

Models: all skylight manual blinds

Installation



ZZZ 234 – Instant light shaft

- Ready-made skylight liner for easy and airtight completion on select deck mounted skylights.
- Works on all "box" type light shafts (not flared).
- For cathedral or vaulted ceilings under 16" depth.
- Reduces the interior installation time, no drywall, compound, sanding, and painting needed.

Available for: C01, C04, C06, C08, C12, M02, M04, M06, S01, S06 sizes

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

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.

Certifications

VELUX Skylights and Sun Tunnel Skylights, including VSS, VSE, VS, FS, VCS, VCE, VCM, FCM, TMR, TGR, TCR, TMF and TGF have been tested to the following standards and the results have been third party certified.

- **AAMA/WDMA/CSA 101/I.S.2/A440-08** NAFS – North American Fenestration Standard/Specification for Windows, Doors, and Skylights
- **A440S1-09** Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440, NAFS
- **NFRC 100** Procedure for determining fenestration product U-factors.



WDMA
Hallmark Certified

NOTICE

All glass may be subject to unexpected and spontaneous breakage in rare circumstances due to imperfections in the glass that are undetectable during the manufacturing and inspection process by the manufacturer of the glass and VELUX. VELUX offers the choice of laminated or tempered glass skylights. Laminated glass is a combination of two or more glass sheets with one or more interlayers of plastic (PVB) or resin. In case of breakage, the interlayer is designed to hold the fragments together. Tempered glass does not contain an interlayer to hold the fragments together. Instead, tempered

glass is designed to break into small, pebble-like pieces. When tempered glass breaks, pieces of glass come loose and may strike an individual. Consult local regulations and/or building material consultants to determine which type of glass is right for you or if laminated glass is required in your application.

The pricing listed is suggested retail, dealer may sell for more or less. Shipping is included on all skylight, Sun Tunnel Skylight and roof window orders. All other orders are subject to a \$15 freight charge.

VELUX®

The No Leak Skylight™

Bringing light to life™



VELUX
Installers Program

Call or visit our website to find a trained and certified member of the **VELUX Installer Program** in your area.

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