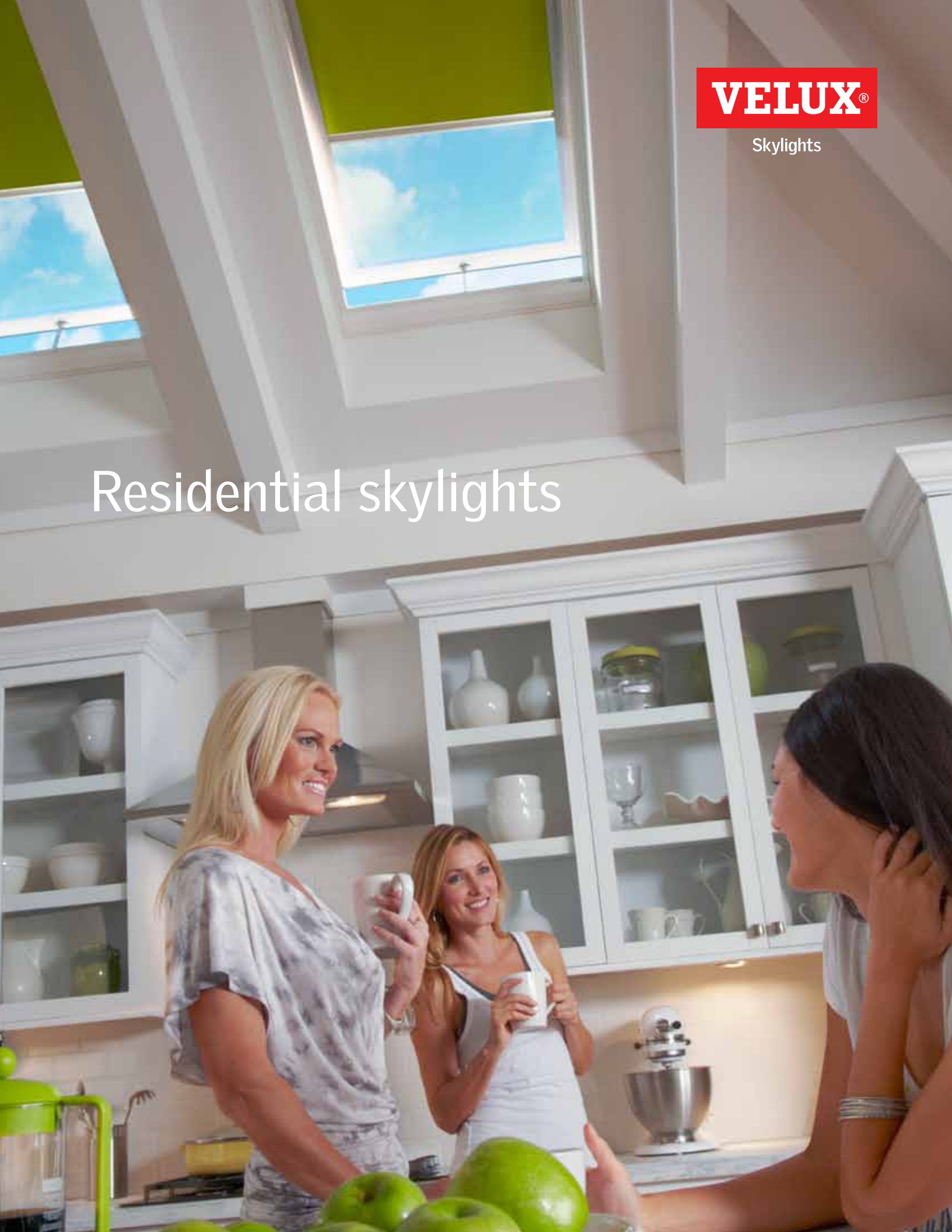


VELUX®

Skylights

Residential skylights





VELUX®

Skylights

Q&A About VELUX® skylights

Why do I want natural light from skylights? Daylight from above positively affects the way you feel and your home functions.

- It reduces dependence on electrical lighting and lowers energy costs, for a greener environment both inside and out.
- Skylights provide more privacy and a third more light than vertical windows due to their placement, offering more wall space for cabinets and furniture.
- Overhead light also reduces glare by bringing more balanced light into deeper spaces, creating a more inviting and open feel in your home.

What are the chances my new skylight will leak? It Won't!

- You have chosen to use the world's #1 trusted brand of skylights. The patented flashing kits eliminate any chance of leaking by becoming an integral part of the roof, without the need for caulking or other sealants.
- VELUX® offers training for all of the people associated with your skylight installation.
- VELUX stands behind all of its products with the VELUX Promise located at www.veluxusa.com/service/warrantyinfo.
- VELUX also offers Skylight Specialists for on-going maintenance services. These local, independent installers are carefully screened and trained by VELUX. You can locate one by visiting www.veluxusa.com/installer.

Why should I choose a VELUX SUN TUNNEL™ tubular skylight over a classic VELUX skylight? It boils down to accessibility.

- Tubular skylights bring light to interior spaces where our classic skylights cannot reach, such as hallways, closets or interior bathrooms.
- Their reflective property also reduces your HVAC load by utilizing the sun to bring passive light without the heat emitted by electrical sources.
- An optional light kit is even available for night time use.

Will skylights fade my furniture or use more energy for heating/cooling? VELUX uses state-of-the-art glass to avoid these concerns.

- Your skylight will come with Low-E squared Argon filled glass. What that means in real terms is low heat loss in cold climates and low heat gain in warm climates.
- The glass is designed to greatly reduce ultraviolet rays which may fade furniture while maximizing the amount of good light which enters your home. SUN TUNNEL™ skylights even have UV resistant domes and insulated diffuser lenses on the interior.
- All standard VELUX residential skylights meet or exceed ENERGY STAR® guidelines for all climate zones in the US.

How do I contact VELUX if I have a question my builder can't answer?
VELUX America Inc. www.VELUXusa.com or Phone: 1-800-888-3589



VELUX®

Skylights

Skylights sizes



Deck mounted skylights and roof windows

Models VSE and VS



New size code (Old size code)		C01 (101)	C04 (104)	C06 (106)	C08 (108)	M04 (304)	M06 (306)	M08 (308)	S01 (601)	S06 (606)
Outside frame	in.	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	in.	21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	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
Daylight Area	in.	16 x 20.44	16 x 31.5	16 x 39.38	16 x 48	25 x 31.5	25 x 39.38	25 x 48	30.25 x 20.44	39.25 x 39.38
Ventilation Area	sq. ft.	2.60	3.56	4.14	4.71	4.17	4.75	5.32	4.31	5.84

Model FS



New size code (Old size code)		A06 (056)	C01 (101)	C04 (104)	C06 (106)	C08 (108)	C12 (112)	D26 (150)	D06 (156)	M02 (302)	M04 (304)	M06 (306)	M08 (308)	S01 (601)	S06 (606)
Outside frame	in.	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
Rough opening	in.	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 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 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
Daylight Area	in.	11 15/16 x 42 15/16	18 3/16 x 24 1/16	18 3/16 x 35 1/16	18 3/16 x 42 15/16	18 3/16 x 51 5/8	18 3/16 x 67 1/16	19 15/16 x 20 1/8	19 15/16 x 42 15/16	27 1/4 x 27 3/16	27 1/4 x 35 1/16	27 1/4 x 42 15/16	27 1/4 x 51 5/8	41 7/16 x 24 1/16	41 7/16 x 42 15/16



Model FS sizes D26 and D06 fit perfectly between roof trusses.

Model GDL CABRIO™



Size code		P19
Outside frame	in.	37 1/16 x 99 1/4
Rough opening	in.	39 3/8 x 101
Daylight area (upper section)	in.	30 x 53 1/4
Daylight area (lower section)	in.	30 x 28 3/4
Ventilation area (upper section)	sq. ft.	22.5
Ventilation area (flap)	sq. in.	36.7
Net wt (w/ Lam. glass)	lbs.	160

Model GPL










Size code		M08	S06
Outside frame	in.	30 5/8 x 55	44 3/4 x 46 3/8
Rough opening	in.	31 1/4 x 55 1/2	45 1/4 x 46 7/8
Daylight area (glass)	in.	23 3/4 x 45 1/4	37 15/16 x 36 5/8
Ventilation area (opening)	sq. ft.	11.34	11.64
Ventilation area (flap)	sq. in.	30.00	47.81
Net wt. (w/ Lam. glass)	lbs.	111	123

Curb mounted skylights








Model VCE



Size code								
Inside curb	in.	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	in.	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
Max. skylight clearance	in.	26 9/16 x 26 9/16	26 9/16 x 38 9/16	26 9/16 x 50 9/16	34 9/16 x 34 9/16	34 9/16 x 50 9/16	38 9/16 x 38 9/16	50 9/16 x 50 9/16
Daylight area	in.	19.47 x 19.47	19.47 x 31.44	19.47 x 43.44	27.46 x 27.46	27.46 x 43.44	31.44 x 31.44	43.44 x 43.44
Ventilation area	sq. ft.	3.17	4.16	5.15	4.49	5.81	5.15	7.13












Model VCM



Size code								
Inside curb	in.	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	in.	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
Max. skylight clearance	in.	26 9/16 x 26 9/16	26 9/16 x 38 9/16	26 9/16 x 50 9/16	34 9/16 x 34 9/16	34 9/16 x 50 9/16	38 9/16 x 38 9/16	50 9/16 x 50 9/16
Daylight area	in.	19.47 x 19.47	19.47 x 31.44	19.47 x 43.44	27.46 x 27.46	27.46 x 43.44	31.44 x 31.44	43.44 x 43.44
Ventilation area	sq. ft.	3.17	4.16	5.15	4.49	5.81	5.15	7.13

Model FCM



Size code												
Inside curb	in.	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	46 1/2 x 46 1/2
Outside curb	in.	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	49 1/2 x 49 1/2
Max. skylight clearance	in.	18 5/8 x 34 5/8	18 5/8 x 50 5/8	26 5/8 x 26 5/8	26 5/8 x 34 5/8	26 5/8 x 38 5/8	26 5/8 x 50 5/8	26 5/8 x 74 5/8	34 5/8 x 34 5/8	34 5/8 x 50 5/8	38 5/8 x 38 5/8	50 5/8 x 50 5/8
Daylight area	in.	14.5 x 30.5	14.5 x 46.5	22.5 x 22.5	22.5 x 30.5	22.5 x 34.5	22.5 x 46.5	22.5 x 70.5	30.5 x 30.5	30.5 x 46.5	34.5 x 34.5	46.5 x 46.5

Pan-flashed skylights

Model QPF Fixed skylight



Size code		2222	2230	2246	3030	3046	4646
Outside frame	in.	24 ³ / ₁₆ x 24 ³ / ₁₆	24 ³ / ₁₆ x 32 ³ / ₁₆	24 ³ / ₁₆ x 48 ³ / ₁₆	32 ³ / ₁₆ x 32 ³ / ₁₆	32 ³ / ₁₆ x 48 ³ / ₁₆	48 ³ / ₁₆ x 48 ³ / ₁₆
Rough opening	in.	22 ¹ / ₂ x 22 ¹ / ₂	22 ¹ / ₂ x 30 ¹ / ₂	22 ¹ / ₂ x 46 ¹ / ₂	30 ¹ / ₂ x 30 ¹ / ₂	30 ¹ / ₂ x 46 ¹ / ₂	46 ¹ / ₂ x 46 ¹ / ₂
Daylight area	in.	19.5 x 19.5	19.5 x 27.5	19.5 x 43.5	27.5 x 27.5	27.5 x 43.5	43.5 x 43.5

SUN TUNNEL™ skylights

Models TMR and TGR



Model TMR				Model TGR			
Size code		010	014	010		014	
Outside flashing	in.	27 x 27	29 ³ / ₄ x 30 ⁵ / ₈	25 ¹ / ₂ x 25 ¹ / ₂		29 x 29	
Rough opening (ceiling)	in.	10 ¹ / ₂	14 ¹ / ₂	10 ¹ / ₂		14 ¹ / ₂	
Rough opening (roof deck)	in.	14 ¹ / ₂ x 16	14 ¹ / ₂ x 20	14 ¹ / ₂ x 14 ¹ / ₂		14 ¹ / ₂ x 18	
Daylight area	sq. in.	65.29	137.82	65.29		137.82	
Net wt (w/ acrylic)	lbs.	20	29	19		28	
Standard tubing kit length	in.	48*	48*	48*		48*	
Maximum recommended install length	ft.	20	20	20		20	

*subtract approximately 6" for flashing

Model TGF

Size code		014	021
Outside flashing	in.	29 x 29	37 x 37
Rough opening (ceiling)	in.	14 ¹ / ₂	22 ¹ / ₂
Rough opening (roof deck)	in.	14 ¹ / ₂ x 18	22 ¹ / ₂ x 26
Daylight area	sq. in.	137.82	314.00
Net wt (w/ acrylic)	lbs.	24	36
Standard tubing kit length	in.	96	72
Maximum recommended install length	ft.	8	12

Model TMF



Size code		014
Outside flashing	in.	29 ³ / ₄ x 30 ⁵ / ₈
Rough opening (ceiling)	in.	14 ¹ / ₂
Rough opening (roof deck)	in.	14 ¹ / ₂ x 20
Daylight area	sq. in.	137.82
Net wt (w/ acrylic)	lbs.	26
Standard tubing kit length	in.	96
Maximum recommended install length	ft.	8



VELUX SUN TUNNEL™ skylight



Rigid tunnel - Pitched flashing

A highly reflective rigid tunnel provides the brightest light - a pitched flashing provides the best daylight capture from all angles.



Rigid tunnel - Low profile flashing

A highly reflective rigid tunnel provides the brightest light - a low profile flashing blends well with the roof line.



Rigid tunnel - Flat glass

Low profile glass design creates sleek appearance within any shingled roof



Flexible tunnel - Low profile flashing

Flexible tunnel makes installation easy - a low profile flashing blends well with the roof line.



Flexible tunnel - Pitched flashing

Flexible tunnel makes installation easy - a pitched flashing provides the best daylight capture from all angles



Commercial (TCR)

22" curb commercial kit. A highly reflective rigid tunnel provides the brightest light - a low or flat profile flashing blends well with the roof line.



Rigid curb mount Frame - Flat roof

14" curb mount kit uses a proven leak proof installation method for flat roof applications.



Complete light control

VELUX blinds give you so many options you can choose between darkening, diffusing, or adjusting the light that enters the room.

There are so many reasons for choosing VELUX blinds for VELUX skylights. Here are just a few:

- You are guaranteed a perfect fit with your VELUX skylight – because we design, test and manufacture each blind.
- And with our unique Pick&Click!™ easy installation system, a blind just takes a few minutes to install.
- Increases energy efficiency by reducing heat gain and heat loss.
- VELUX blinds are the perfect solution for your VELUX skylights.

Pick&Click!™



Original
VELUX
mounting
brackets

Your VELUX skylight has brackets pre-installed* to make blind installation a snap! With the patented Pick&Click!™ system, you can achieve full light control in minimal time. * FCM requires accessory tray

30% federal tax credit available on solar blinds*

- Control the light and heat that enters your room using only the power of the sun.
- Innovative design operated by remote control.
- Available in blackout and roller blind versions.

Blinds

Venetian blinds



Our venetian blinds are best for adjusting the amount and direction of sunlight.

- Slats without holes prevent unwanted direct light influx.
- Provides strong aesthetics and durability.
- Available in manual and remote control (Electric).

Roller blinds



Our roller blinds are ideal for dimming the sunlight.

- Provides full light diffusion to reduce glare while still allowing daylight to enter the room.
- Perfect for kitchens and bathrooms.
- Available in manual and remote control (Electric or solar).

Blackout blinds



VELUX gives you the best blackout – day or night. Perfect for afternoon siestas and light summer nights.

- Provides full light control to turn day into night in even the brightest sunlight.
- Perfect for bedrooms and TV/entertainment rooms.
- Available in manual and remote control (Electric or solar).

* 30% federal tax credit applies to the cost of product and installation of VELUX solar powered blinds installed between January 1, 2009 and December 31, 2016. For complete information on how to qualify visit www.veluxusa.com.

Accessories



KLR 100

Advanced RF remote - Advanced RF technology allows the user to operate skylights and blinds from anywhere within the house.

- It can operate skylights and blinds individually or as part of a group.
- Create programs to control the skylight and blind automatically based on time of day, day of the week, or month of the year.
- Can set the skylight to close automatically after a certain period of time after opening.



KLI 110

KLI 110 RF keypad - Simple operation of skylights and blinds.

- RF technology allows the user to operate skylights and blinds from anywhere in the room.
- Operates wirelessly.
- Can be wall mounted.



ZZZ 199

Sunscreening Accessory Tray -The tray has Pick&Click! brackets built in to provide access to a wide range of blinds and controls for fixed curb mount skylights.

- Installation of the sunscreening accessory tray is fast and easy.
- It can be installed in new or existing applications.

Other accessories

KLF 100 Home automation integration kit - The home automation integration kit provides two advanced functions. It acts both as a repeater that extends the RF range for large spaces, as well as a home automation integration kit.

KLB 100 Battery backup - Provides limited operation of VSE and VCE skylights even in the case of power failure.

KLC 160 Power supply - Used to power electrical blinds for FS, FCM, and QPF skylights. One unit powers up to five electrical blinds.

ZXT 200 3' - 6' "7 hook" rod - For operation of manual blinds out of reach.

ZMT 300 6'-10' motorized rod - A telescopic, rechargeable, battery-operated rod allows easy operation of manual venting skylights.

ZCT 300 6'-10' manual rod - A telescopic rod operates manual venting skylights with a smooth-turning operation.

To order

Order online at :
www.veluxusa.com/blindsdirect

Order by phone:
(866) 358-3589

Our dealer locator for a store near you at:
www.veluxusa.com

How to order

1 Choose your skylight
**Seperate flashing kits specified according to roof material.*

Deck mounted skylights*
FS, VS, VSE



Curb mounted skylights*
FCM, VCM, VCE



Roof window skylights*
GPL, GDL CABRIO™



Pan-flashed skylight
QPF



SUN TUNNEL™ skylights
TLR, TMR, TGR, TMF, TGF



2 Choose your factory installed blind on most skylights

If one of the in stock blinds below are ordered with your skylights, VELUX will factory install your blind for you. Or you may select one of our special order blinds on page 57.

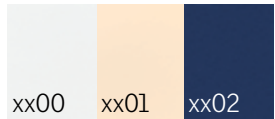
Note: Special order blinds are not pre-installed with your skylight order and require a two week lead time.

Electric venting skylights come standard with a factory installed blind from the below in stock color/patterns. Special order blinds are available uninstalled and will ship separately.

Blackout blind



Light filtering blind



Venetian blind (manual)
FS/FCM/QPF only



For special order blind options please go to page 57.

	FS	FCM*	VS/VCM	VSE/VCE	QPF
Electric blackout (DM)				●	
Manual blackout (DK)	●	●			●
Electric light filtering (RM)				●	
Manual light filtering (RF)	●	●			●
Solar blackout (DS)	●	●	●		●
Solar light filtering (RS)	●	●	●		●
Manual venetian (PA)	●	●	●		●

* FCM skylights need sunscreening accessory tray (ZZZ 199) for blind installation.

3 Select your glazing type
(traditional skylights only)

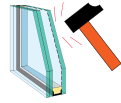
Most VELUX glass skylights are available in a variety of glazing options, each designed to meet the needs of specific building situations. **All VELUX skylight glazings are constructed using energy efficient, LoE3, argon-filled dual glass panes.**



Tempered
(xx05)
FS, VS, FCM,
VCM, QPF



Laminated
(xx04/xx73)
FS, VS, VSE, GPL,
GDL CABRIO™
FCM, VCM,
VCE, QPF



Impact
(xx06)
FS, VS, VSE,
FCM, VCM,
VCE, QPF



Miami-Dade
(xx07)
FCM



White laminated
(xx08)
FS, VS, VSE,
FCM, VCM, VCE,
QPF



Snowload (xx10)
FS, VS, VSE,
FCM, VCM, VCE

4 Choose your flashing

Flashing must be purchased with skylights and installed properly to benefit from the No Leak warranty.

Deck flashing systems



Shingles/shakes
EDL

Tile roofing
EDW

Metal roofing
EDM



Copper cladding
and flashing

For combi
applications

Biepack flashing
Type ECB

Curb flashing systems



Shingles/shakes
ECL

Tile roofing
ECW

Need an installer?

- Use our installer locator at veluxusa.com/installer.
- Check with your local VELUX skylight dealer.
- Contact VELUX Solutions at 1-866-358-3589.

VELUX®

We offer a Skylight Specialist program for local independent installers. A VELUX Skylight Specialist is:



- Carefully screened by us.
- Required to complete an extensive training program.
- Provides the best solutions for your daylighting needs.

VELUX skylights and roof windows care and maintenance guide

Below are some guidelines for care and maintenance of your VELUX Skylights and Roof Windows. Proper care of your VELUX Skylights and Roof Windows will provide the best day-lighting experience.

Contact your skylight installer or VELUX Solutions for possible maintenance help.

Find an installer at: <http://www.veluxusa.com/service/installationHelp/installerLocator/>

VELUX Solutions at: <http://www.veluxsolutions.com/>

Safety

- Skylights are typically installed out of reach, therefore it is assumed that ladders scaffolding or other equipment is being used to reach elevated places during maintenance and inspection.
- Follow all equipment manufacturers' instructions for safe operation.
- Use fall protection when applicable.
- Know your safe working limits.
- Falls from heights can result in serious injury or death.

Glass cleaning

- For best results avoid cleaning skylight during the hottest part of the day.
- If there are multiple rows of skylights, start at the highest row and work down.
- Begin by soaking the skylight glass with a clean water and soap solution loosening dirt and debris.
- Next use a mild, non-abrasive glass cleaner along with a soft brush or other non-abrasive applicator to clean the glass.
- The cleaning solution should immediately be removed with a squeegee or lint free cloth.
- Use care not to touch any metal parts of the cleaning equipment to the glass or let any abrasive materials be dragged across the glass surface.
- Do not use metal scrapers, blades or knives for cleaning large areas of glass as this practice can easily scratch and cause permanent damage to the skylight glass.
- Scratches or damages to the glass as a result of scraping are not covered under any VELUX warranty.
- For hard to remove spots like tree sap, label adhesive, paint or other construction material, a new 1" razor blade may need to be used on small spots only.
- If a razor blade needs to be used, scrape only in one direction.
- Back and forth scraping can trap abrasive materials under the blade causing scratches and possible permanent damage to the glass.

- Cleaning your skylight as dirt appears will help prevent the use of scrapers.

Interior cleaning

- Most VELUX skylights have a white pre-painted, wood frame or maintenance free, ABS plastic frame and sash.
- These surfaces can be cleaned with a damp cloth.
- A mild, soapy water solution can be used for tougher dirt.
- Insect screens in venting skylights can be cleaned by removing the screen and spraying the screen with a garden hose.
- Let the insect screens thoroughly dry before replacing them into the skylights

Interior finish

Pre-finished wood frames

Skylights with pre-finished wood frames need to be inspected annually. The finish that is applied to the wood surface is not considered a permanent coating. As with any finished surface it is subject to peeling, cracking or fading and will need to be re-finished/re-painted periodically.

- To re-finish/re-paint the skylight interior wood surfaces, prepare the skylight by removing the factory finish. After ensuring that the surface is clean, apply primer to the wood. When primer is dry, apply a coat of water based acrylic varnish/paint (always follow finish manufacturer's application instructions).
- For paint or finish damages to larger surfaces of the wood, apply the technique described above.
- Touch up paint for covering scratches to the wood surface is available from VELUX (part # 307408).
- Keep all varnish/paint off of skylight gaskets and glass.

Unfinished wood frames

Skylights with an unfinished wood surface needs to be painted, stained or varnished within 6 months of installation. Failure to finish bare wood can result in discolored wood, deterioration of the wood frame/sash and possibly lead to bowing and splitting of the wood.

- After ensuring that the wood surface is clean, apply stain or primer to the wood. When primer is dry, apply a coat of water based acrylic varnish/paint (always follow finish manufacturer's application instructions).
- Keep all stain and paint off of skylight gaskets and glass.

It is not recommend to paint over abs (plastic) frames and sashes.

Exterior cleaning

- Rain will keep most dirt and grime off of the exterior surfaces.
- The exterior cladding surfaces can be cleaned with a mild soapy water solution.
- Avoid using abrasive cleaners or cleaning equipment as this can scratch the finish on the cladding.
- Rinse well with clean water.

Exterior inspection

- Keep all debris removed from around skylights.
- Skylight applications with multiple skylights grouped together using gang flashing must have all vertical and horizontal gutters, between skylights, clear of dirt and debris.
- Make sure all exposed fasteners are secure.
- Inspect cladding and flashing for excessive wear or scratches on the cladding finish.
 - Scratches in the cladding finish may be fixed with touch up paint available through VELUX (part # ZOZ 154).
 - Damaged claddings or flashings should be replaced as soon as they are detected.

Operators

- While performing maintenance on electrically operated venting skylights, turn the power off at the breaker box to avoid accidental injuries
- Open skylights (then turn off power if electric) and wipe chain off using a clean, dry towel. Do not use any type of cleaner or solvent.
- Keep debris clear of chain.
- Manual skylights: Inspect the loop or crank handle to make sure the set-screw is secure.
- The internal workings of the manual and the electric operators are considered maintenance free over the lifetime of the skylight.
- Operators are pre-lubed and need no additional lubrication.

Condensation

- Condensation is not a skylight defect; it's a result of atmospheric conditions inside and outside the home.
- Condensation is the result of warm moist air coming in contact with a cooler surface, in this case, the skylight glass. Think of the glass of ice-water on a summer day and the "sweat" on the outside of the glass.
- Since Mother Nature (outside conditions) can't be controlled, condensation must be dealt with from inside the home.
- For more on controlling condensation please refer to the condensation section of our site. (http://www.veluxusa.com/Consumer/Service/Common_service_topics/Condensation_inside)

General Information

- For replacement parts or glass, get the skylight serial number and contact a VELUX customer service representative for ordering information.
- Locating the serial number will expedite the ordering process and ensure the correct parts are sent.

Refer our Product ID page to locate the skylight serial number at: <http://www.veluxusa.com/Consumer/Service/ProductID>

Service or warranty issues

We stand behind our products with a promise of lasting service and quality.

Read more about warranty here at: <http://www.veluxusa.com/Consumer/Products/warranty>

20 year limited warranty

VELUX insulating glass ^{(b)(c)}

For a period of (20) twenty years from the date of purchase, VELUX warrants to the end-user^(a) that the insulated glass unit will not develop a material obstruction of vision due to a failure of the glass seal. If a seal failure is brought to our attention during this time period, VELUX will, at its option, 1) provide a replacement pane delivered free of charge to the original point of purchase or to the end-user, 2) provide a replacement roof window or skylight product with an insulated unit delivered free of charge to the original point of purchase or to the end-user, or 3) refund the end-user the original purchase price.



VELUX SUN TUNNEL™ skylight rigid tunnel

For a period of (20) twenty years from the date of purchase, VELUX warrants to the end-user that the reflection-enhanced material in the SUN TUNNEL skylight shall be free from defects in material and workmanship and correspond to the agreed materials properties. VELUX guarantees that the material under normal interior environmental conditions will not splinter, yellow, darken, peel-off, blister, crack or develop any other surface deterioration reducing the reflectivity when used as instructed in the VELUX product instructions. If a defect is found during this period, VELUX will, at its option: 1) provide a replacement component delivered free of charge to the original point of purchase or to the end-user, or 2) repair the component without charge for material or labor.

(a) End-user means the natural or legal entity or person who owns the product and has not acquired it with a view to reselling or installing it in the course of a business.

(b) VELUX acrylic skylights (Metro-lite and Dura-lite) are covered under a separate limited warranty and are not covered by this Limited Warranty.

(c) The components of insulated glass, electric control systems including motorized operators and rain sensors, and blinds (pleated shades, venetian blinds, roller shades, lightblock shades, and awning blinds) are covered under a separate warranty from the roof window or skylight as described by this limited warranty.

10 year limited warranty

VELUX roof windows, skylights, SUN TUNNEL skylights, solar collectors and flashing ^{(b)(c)(d)}

For a period of (10) ten years from the date of purchase, VELUX warrants to the end-user that VELUX roof windows, glass skylights, SUN TUNNEL skylights, solar collectors and flashing will be free from defects in material and workmanship. VELUX also warrants to the end-user that the yellowness index on clear acrylic shall be less than 4.0 from the date of purchase as measured with a HunterLab's spectrophotometer according to ASTM D 1925, subject to the limitations set forth herein. This acrylic clarity warranty applies to the product exposed to ultraviolet rays in normal interior and exterior applications, which shall exclude extreme weather conditions. If a VELUX roof window, skylight, SUN TUNNEL skylight, solar collector or flashing product is found to be defective during this time period, VELUX will, at its option: 1) provide a replacement component or a replacement roof window, skylight, SUN TUNNEL skylight, solar collector or flashing product delivered free of charge to the original point of purchase or to the end-user, 2) repair the roof window, skylight, SUN TUNNEL skylight solar collector or flashing without charge for material or labor, or 3) refund the end-user the original purchase price.



VELUX polycarbonate clarity

For a period of (5) five years from the date of purchase, VELUX warrants to the end-user that the yellowness index on clear polycarbonate shall be less than 4.0 from the date of purchase as measured with a HunterLab's spectrophotometer according to ASTM D 1925, subject to the limitations set forth herein. This warranty applies to the product exposed to ultraviolet rays in normal interior

(b) VELUX acrylic skylights (Metro-lite and Dura-lite) are covered under a separate limited warranty and are not covered by this Limited warranty.

(c) The components of insulated glass, electric control systems including motorized operators and rain sensors, and blinds (pleated shades, venetian blinds, roller shades, lightblock shades, and awning blinds) are covered under a separate warranty from the roof window or skylight as described by this limited warranty.

(d) The clarity of polycarbonate components are covered under a separate limited warranty and are not covered by this limited warranty.

and exterior applications, which shall exclude extreme weather conditions. If a defect is found during this period, VELUX will, at its option: 1) provide a replacement component or a replacement skylight delivered free of charge to the original point of purchase or to the end-user, 2) repair the skylight without charge for material or labor, or 3) refund the end-user the original purchase price.

5 year limited warranty

VELUX blinds

For a period of (5) five years from date of purchase, VELUX warrants to the end-user that VELUX blinds (venetian blinds, light filtering blinds, and blackout blinds) will be



free from defects in material and workmanship. If a defect is brought to our attention during this time period, VELUX will, at its option: 1) provide replacement components or a replacement blind or control product delivered free of charge to the original

point of purchase or to the end-user, or 2) repair the product without charge for material or labor.

VELUX manual and electric controls^(b)

For a period of (5) five years from date of purchase, VELUX warrants to the end-user that controls such as skylight manual and electric motorized operators, rain sensors, remote controls, operator handles and rods, and electrical control systems will be free from defects in material and workmanship. If a defect is brought to our attention during this time period, VELUX will, at its option: 1) provide replacement components or a replacement blind or control product delivered free of charge to the original point of purchase or to the end-user, or 2) repair the product without charge for material or labor.

VELUX acrylic and polycarbonate skylights

For a period of (5) five years from date of purchase, VELUX warrants to the end-user that VELUX acrylic and polycarbonate skylights (Metro-lite and Dura-lite) will be free from defects in material and workmanship. If a defect is found during this period, VELUX will, at its option:

(b) VELUX acrylic skylights (Metro-lite and Dura-lite) are covered under a separate limited warranty and are not covered by this Limited Warranty.

1) provide a replacement component or a replacement skylight delivered free of charge to the original point of purchase or to the end-user, 2) repair the skylight without charge for material or labor, or 3) refund the end-user the original purchase price.

VELUX solar water heating system components

For a period of (5) five years from date of purchase, VELUX warrants to the end-user that VELUX solar water heating system components will be free from defects in material and workmanship. If a defect is found during this period, VELUX will, at its option: 1) provide a replacement component delivered free of charge to the original point of purchase or to the end-user, 2) repair the component without charge for material or labor, or 3) refund the end-user the original purchase price.

VELUX solar water heating system tanks

For a period of (6) six years from date of purchase, VELUX warrants to the end-user that VELUX solar water heating system tanks will be free from defects in material and workmanship. If a defect is found during this period, VELUX will, at its option: 1) provide a replacement tank delivered free of charge to the original point of purchase or to the end-user, or 2) repair the component without charge for material or labor.

Exclusions and limitations

The warranty period begins from the date the VELUX product is purchased from a VELUX dealer and must be substantiated with the original invoice or sales receipt. If the purchase date cannot be substantiated, the warranty period will begin on the date of manufacture as indicated on each product.

This warranty does not cover any labor cost associated with the installation of replacement products or components if VELUX chooses not to repair the product. The providing of replacement products or components shall not extend the original warranty period. VELUX reserves the right to provide a similar replacement product or component if the original model is no longer available at the time of any warranty claim.

Do not attempt to repair or replace the product without authorization from VELUX. VELUX will not be responsible for any damages to persons or properties, including the Covered Product itself, caused by any unauthorized attempt to repair or replace the product. Furthermore, VELUX may, at its option, refuse to provide any or all remedies under this Warranty if any unauthorized attempt to repair or replace a Covered Product causes further damages.

It is the responsibility of the end user to mitigate and minimize water damage or any other damage that a defect in a Covered Product may cause.

This warranty will only apply if the product is finished, installed, operated and maintained strictly in accordance with VELUX instructions or other instructions furnished with the Covered Product. This warranty does not cover the repair or replacement of products damaged as a result of accident, including but not limited to accidental glass breakage, dome breakage or crazing, problems due to water penetration such as ice damming not resulting from default in a VELUX product, abuse, misuse, faulty building construction or design, improper or insufficient handling, alterations of the Covered Products or addition of non-approved components, applications in areas of high humidity, areas without proper or adequate ventilation or humidity control, acts of God, products subjected to conditions outside their design limitations, minor imperfections in glass or plastic components that do not affect the product in performance or obscure vision; minor variations in glass or plastic coloration; damage caused by adverse local conditions such as corrosive environmental factors including acid rain, hard water and sediment or lime precipitate in water heating system tanks; variations in wood grain or color; wood rot due to improper maintenance or installation.

Normal wear and tear is not covered by this warranty, nor are problems arising from failure to properly maintain the product. Glass corrosion as a result of standing water and debris on glass are not covered by this warranty. Condensation on roof windows and skylights and any related water damage which may occur as a natural result of humidity within a building or a variation between indoor/outdoor temperatures is not a defect and will not be covered by this warranty. The warranty on insulated glass is void if any film is applied to the glass surface.

Custom painted skylights, roof windows, VELUX SUN TUNNEL™ skylights and flashings are not covered by this warranty.

Disclaimer of all other warranties

THIS WARRANTY PROVIDES EXCLUSIVE REMEDIES AND IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALL OTHER WARRANTIES ARE HEREBY DISCLAIMED UNLESS PROHIBITED BY APPLICABLE LAW.

THIS WARRANTY IS A FULLY INTEGRATED DOCUMENT. ANY ALTERATION OR ADDITION TO THIS WARRANTY MUST BE IN WRITING, REFER SPECIFICALLY TO THIS WARRANTY, AND MUST BE MADE BY AN AUTHORIZED OFFICER OF VELUX. NO ALTERATION OR ADDITION TO THIS WARRANTY CAN BE MADE BY A VELUX DEALER.

Exclusions of damages

IN NO EVENT SHALL VELUX BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES. IN THE EVENT THAT VELUX CANNOT REPLACE OR REPAIR A COVERED PRODUCT WITHIN A REASONABLE TIME, THE END-USER'S EXCLUSIVE REMEDY IS A FULL REFUND OF THE ORIGINAL PURCHASE PRICE OF THE COVERED PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Need help

In the event that you need our help, please contact your VELUX dealer or contact us directly:

VELUX America Inc.

PO Box 5001 • Greenwood, SC 29648-5001
Tel 1-800-88-VELUX

So that we can provide the best response possible, please include the following information in writing:

- Your name, address, and phone number.
- A description of the product and the product model number (located on the identification label attached to each product).
- A description of the product concern.
- Details of attempts to address concern.

10-year "No Leak" installation limited warranty

This Warranty applies to the original installation of the following VELUX models (series A21) installed on residential buildings, with one layer of properly installed roofing material, which are identifiable by the product code and size designations:

Deck mounted skylights (sold after January 1, 2010)

- FS skylights and related flashings*
- VS skylights and related flashings*
- VSE skylights and related flashings*
- Size designation beginning with A, C, D, M, S

Example: FS M06 or EDL M06 (the "Covered Products")

* Flashing kits EDL, EDW, EDM, EKL, EKW Installed according to our instructions and pitch requirements

Curb mounted skylights (sold after April 15, 2011)

- FCM skylight and related flashings**
- VCM skylights and related flashings**
- VCE skylights and related flashings**

Example: FCM 2246 or ECL 2246 with adhesive skylight underlayment (the "Covered Products")

** Flashing kits ECL, ECW Installed according to our instructions and pitch requirements

This warranty is separate from, and in addition to, VELUX limited specific product warranty on the Covered Products.

For a period of ten (10) years from the date of original purchase of a Covered Product, VELUX warrants that no water will leak through the installed Covered Product or between the installed Covered Product and the roof deck, provided that the Covered Product is installed strictly in accordance with VELUX deck or curb mounted skylight and related flashing installation instructions. If there is any water leakage through the installed Covered Product or between the installed Covered Product and the roof deck during the warranty period, VELUX will, at its option: (i) repair or reinstall the Covered Product at its cost and expense; (ii) remove the Covered Product and install in its place a VELUX

product of the same or similar model; or (iii) reimburse the original end-user^(a) the reasonable cost of one (1) reinstallation of the Covered Product not to exceed \$1,000.00.

If the date of original purchase cannot be established, the ten (10) year warranty period shall be deemed to begin on the date of manufacture as indicated on the Covered Product. Any reinstallation or replacement of a Covered Product shall not extend the original warranty period provided herein.

How to obtain warranty protection

If you have concerns with your VELUX skylight installation, please contact your builder, remodeler or installer, who should inspect the skylight and installation to verify that installation is according to our instructions.

We find most of the concerns by consumers are resolved in this step.

If there is still a concern, have the builder, remodeler or installer contact VELUX customer service department directly at:

VELUX America Inc.

PO Box 5001 • Greenwood, SC 29648-5001

Tel 1-800-88-VELUX • velux.solutions@VELUX.com

So that VELUX can provide the best response possible, please include the following information when contacting us:

- Your name, address, and phone number.
- A description of the product and the product model number (located on the identification label attached to each product).
- A description of the product concern.
- Details of attempts to address concern.

A trained customer service team member will work to solve your concern over the phone. In many cases, we solve concerns over the phone without the inconvenience of an on-site visit.

It is the responsibility of the end user to mitigate and minimize water damage or any other damage that a Covered Product may cause.

(a) End-user means the natural or legal entity or person who owns the product and has not acquired it with a view to reselling or installing it in the course of a business.

What is not covered

The end-user is responsible for a one-time service inspection fee at current published rates if, after a complaint of leakage, a VELUX-authorized technician determines that the Covered Product was not installed strictly in accordance with VELUX deck mounted skylight and related flashing installation instructions or if the water penetration is not related to the skylight installation.

"Leak" within the meaning of this warranty requires the penetration of water in liquid form through or between the Covered Product (skylight) and roof deck caused by the installation of the Covered Product in accordance with VELUX deck or curb mounted skylight and related flashing installation instructions. Condensation on a Covered Product, which may occur as a natural result of humidity within a building or a variation between indoor and outdoor temperatures, is not a "leak," is not covered by this warranty and is specifically excluded.

This warranty does not cover, and specifically excludes, any leaks to a Covered Product due to any of the following: re-roofing without re-wrapping using VELUX adhesive skylight underlayment and VELUX approved and related flashing, a venting Covered Product left open during rain or other forms of precipitation, moisture penetration at seams in the roof deck, incorrect installation of the product, rough opening sizes other than those called out in VELUX deck mounted skylight installation instructions, improper maintenance of the product or installation, accidents including but not limited to accidental glass breakage, abuse, misuse, faulty building construction or design, acts of God, products subject to conditions outside their design limitations, corrosive environmental factors including chlorine and acid rain, or any other factor unrelated to the original installation of the Covered Product.

In cases of extreme snow or large roof areas above the skylight, a water diverter should be considered. A water diverter is required for roof pitches from 45° to 60° utilizing ECL flashings. Refer to related skylight and flashing instruction manuals for proper installation. In case of flood and water overflowing the roof or skylight, this is considered acts of God and is not covered by our warranties.

FCM, VCM and VCE are installed with site built curbs, these need to be built and installed according to our curb mounted skylight installation instructions. If these skylight curbs are not built according to our instructions, with an outside curb dimension matching the skylight, secured properly to the roof deck or curb, use of adhesive underlayment and the use of related VELUX flashings, warranty may not be valid.

Disclaimer of all other warranties

THIS WARRANTY PROVIDES THE EXCLUSIVE REMEDIES ON THE INSTALLATION OF THE COVERED PRODUCTS. ALL OTHER WARRANTIES ON THE INSTALLATION OF THE COVERED PRODUCTS ARE HEREBY DISCLAIMED. THIS WARRANTY IS A FULLY INTEGRATED DOCUMENT. ANY ALTERATION OR ADDITION TO THIS WARRANTY MUST BE IN WRITING, REFER SPECIFICALLY TO THIS WARRANTY, AND MUST BE MADE BY AN AUTHORIZED OFFICER OF VELUX. NO ALTERATION OR ADDITION TO THIS WARRANTY CAN BE MADE BY A VELUX DEALER.

Exclusions of damages

IN NO EVENT SHALL VELUX BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES RESULTING FROM THE INSTALLATION OF COVERED PRODUCTS. IN THE EVENT THAT VELUX CANNOT REINSTALL OR REPLACE A COVERED PRODUCT WITHIN A REASONABLE TIME, THE END-USER'S EXCLUSIVE REMEDY IS THE REASONABLE COST OF ONE (1) REINSTALLATION OF THE COVERED PRODUCT NOT TO EXCEED \$1,000.00.

Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.



Warranty claim procedure

Thank you for reviewing the VELUX America Inc. warranty procedure. It is our desire to handle any concerns on a VELUX product or installation in an efficient manner. To assist you in the process we have set up the following procedure to guide our valuable customers.

With 70 years of experience producing skylights, we have found that the most frequent problem regarding product concerns relates to proper installation. Thus, the first step of the warranty procedure is to verify with your builder, installer or remodeler that the installation of your VELUX product was completed according to the relevant VELUX instructions, thus:

Step 1 If you have concerns with your VELUX product or installation, please contact your builder, remodeler or installer, who should inspect the product and installation to verify that installation is according to our instructions.

We find that most of the concerns by consumers are resolved in this step.



Step 2 *(if necessary)* If there is a concern following Step 1, have the builder, remodeler or installer contact VELUX customer service department directly at:

VELUX America Inc.

PO Box 5001 • Greenwood, SC 29648-5001
Tel 1-800-88-VELUX • velux.solutions@VELUX.com

So that VELUX can provide the best response possible, please include the following information when contacting us:

- Your name, address, and phone number.
- A description of the product and the product model number (located on the identification label attached to each product).
- A description of the product concern.
- Details of attempts to address concern.

Once you have contacted VELUX customer service department, you may be asked to complete a product information form. The form will be emailed or faxed and helps expedite your service request.

Step 3 Upon completion of the product information form, the call is escalated to our technical service department. This department is comprised of technical experts with years of experience handling product and installation concerns. Our technical service department will try to resolve your issue over the phone or provide parts as outlined in our limited warranty. Additional product installation information may be requested before proceeding further.

Step 4 If our technical service department cannot solve the concern, a VELUX Solutions service contractor will schedule an appointment for an on-site visit. We do request the builder, remodeler or installer also join us on this call. This contractor will evaluate the problem and provide either on-site repair or a plan for resolution. In some cases the resolution involves the builder, installer or remodeler re-installing the product in accordance with our installation procedures. Please note that if it is determined on an on-site visit that the installing contractor incorrectly installed the VELUX product, then an on-site service visit fee will be charged. Thus, Step 1 of this procedure is critical.



In some cases the solution can only be determined by an on-site visit. In these cases additional spare parts may need to be ordered from our factory and a follow-up on-site visit may be necessary.

VELUX may, in its sole discretion, amend or revise this warranty. Please go to www.veluxusa.com/warranty for VELUX most updated warranty claim procedure information.

Thank you in advance for purchasing VELUX products. We want you to know that the overwhelming majority of VELUX customers never need to involve themselves in this process but we hope this overview helps you understand how we would solve a concern regarding an installed VELUX product.



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