

**VELUX®**

Roof windows

Inspiration and  
product catalogue

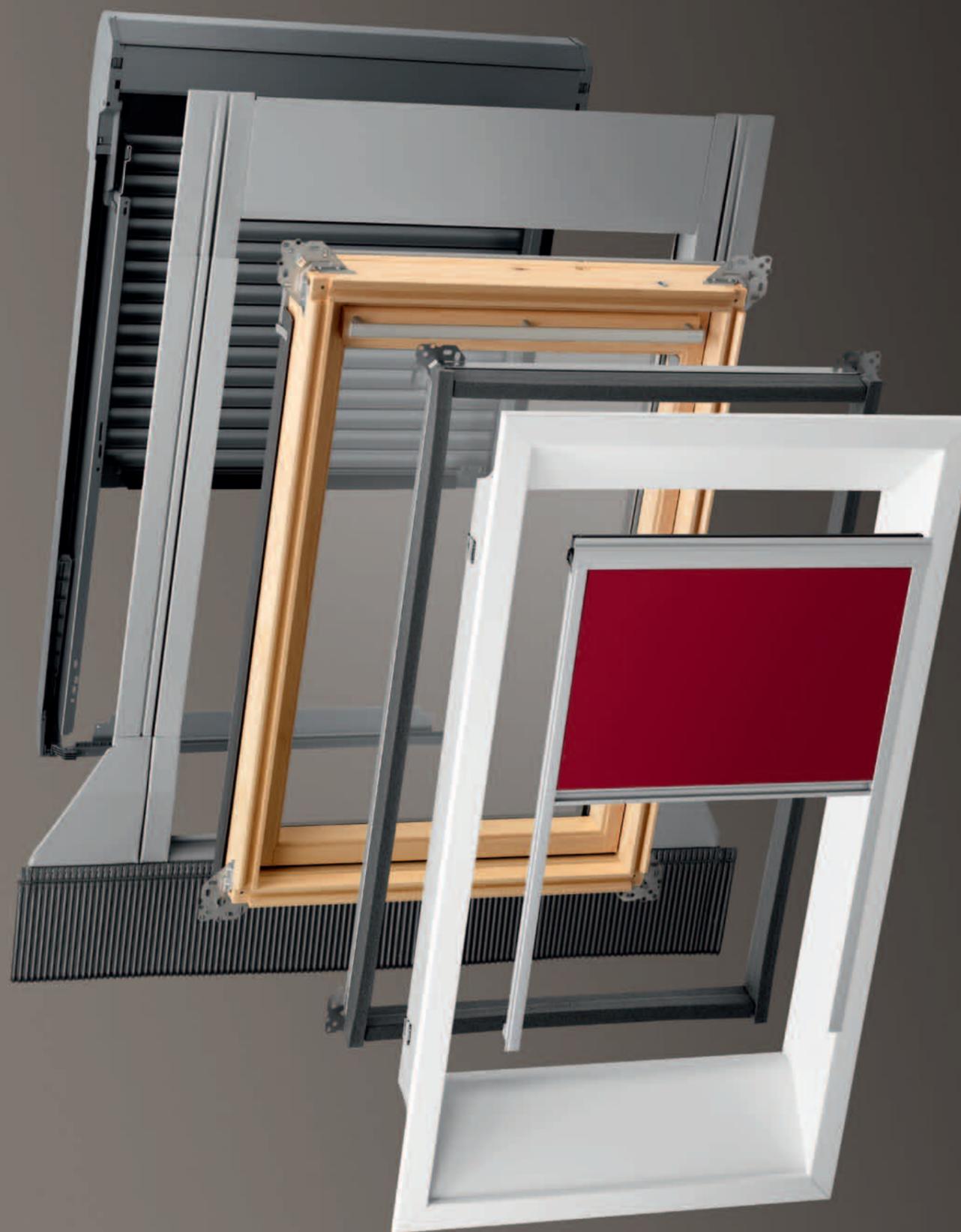


# VELUX makes all the difference

VELUX roof windows bring daylight to your life. Superb quality, elegant designs and finish, ease of use, and long, trouble-free service life have made VELUX roof windows the most popular choice all over the world.

For nearly 70 years, we have been engineering and manufacturing roof windows to withstand the harshest of elements. We never compromise on quality. VELUX roof windows are thoroughly tested in our laboratory where we simulate the most extreme weather conditions. That means you can be sure your VELUX roof windows will still give you pleasure for many years to come.

We supply a complete system of complementary products and accessories for any solution from installation right to the finishing touches.

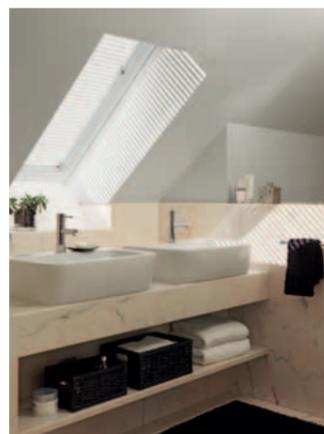


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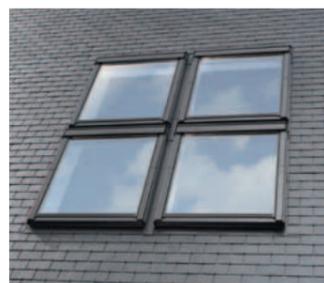
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# Top-flight entertaining

» We love having friends round or just relaxing and talking over a glass of wine. The trouble was we didn't really have room without everyone getting in each other's way. We loved our house and garden and didn't really want to move. We discovered the range of VELUX roof windows and realised what a difference light and airiness would make to a loft. Now the extra floor space has inspired us to a whole new way of living and we enjoy the cosy intimacy of our top-floor lounge.



» Actually our attic bathroom is really not large, but thanks to the VELUX roof window it looks much bigger and lighter.



**Complete solution:**  
2 x centre-pivot roof windows GGL, size M08 (78 x 140 cm)  
2 x top-hung roof windows GHL, size M08 (78 x 140 cm)  
Combi flashing EKS - S4, size M08  
4 x pleated blinds FHL size M08



# Daylight at our control

» There's nothing like lying in bed, looking up at the stars before drifting off to sleep. And there's no better way to start the day than with a little sunshine. We program our blackout blinds to open automatically and let a little daylight be our wake up call. There is really no better way to start the day.

The VELUX roof windows fill our second storey bedroom with daylight and fresh air. We decided for electrically operated roof windows and blinds that can be programmed to open and close whenever it suits us. Blackout blinds provide darkness even on a sunny day if we need this.

To us, our bedroom is like an oasis, protected from disturbance, perfect for our rest.



» The white layout of our bathroom is supported by a white roof window with polyurethane coating. This window is especially suitable for rooms with high humidity. The Venetian blind regulates daylight and provides the intimacy we like in our bathroom.



- Complete solution:**
- 2 x centre-pivot electrically operated roof windows GGU INTEGRA, size P08 (94 x 140 cm)
  - 2 x centre-pivot roof windows GGU, size P06 (94 x 118 cm)
  - Combi flashings EKW, size P08 and P06
  - 2 x blackout blinds DML, size P08
  - 2 x blackout blinds DML, size P06
  - 2 x awning blinds MML, size P08
  - 2 x awning blinds MML, size P06

# Centre-pivot roof windows

Models GGL and GGU

## - superior VELUX quality



These are the most popular roof windows in the VELUX comfort range. Smooth and easy top operation provides ample space for you to place furniture directly beneath the window. Additionally they offer a unique ventilation flap which is integrated with the "easy-lock" control bar and can ventilate the room in any weather condition.



### Model GGL

GGL is made of strong laminated pine protected with a water-based surface treatment and a double-layer clear-lacquer finish. The wooden windows add a touch of warmth to the interior.



### Model GGU

GGU has a wooden core that is protected by a white polyurethane coating. The smooth, rounded edges give the window a contemporary, stylish look. The window is suitable for any room, also for high-humidity locations such as bathrooms and kitchens. GGU is one of the most hard-wearing products in our range.



Installation in roof pitch: 15°-90°.

### Panes:

Model --59: Insulating glass unit with toughened glass.

Model --73: Insulating glass unit with laminated glass.

Model --60: Insulating glass unit with laminated glass and extra heat protection.

For more information about panes, see page 18.

### Ventilation:

The ergonomically designed control bar is used both to open the window and to operate the ventilation flap. The open ventilation flap exchanges 10-41 m<sup>3</sup> of air per hour, depending on the window width. A built-in air filter (washable) keeps out dust and insects.

### Installation products:

Use VELUX flashings and insulation material to ensure a tight connection to the roof, see page 13.

### Extra comfort:

Possibility of electrical, solar and manual operation for out-of-reach windows, see page 16. Interior and exterior blinds and roller shutters for decoration and sunscreening, see pages 14-16.

Available roof window sizes - see page 19.

Models GGL and GGU INTEGRA and Solar

## - remote-controlled comfort



GGL and GGU INTEGRA®, the electrically controlled variant of GGL and GGU, is the ideal choice for out-of-reach windows or when you are looking for ultimate comfort and convenience. It has all the benefits of the GGL or GGU roof windows, including possibilities of manual operation for ease of cleaning and use. For extra comfort, a rain sensor makes sure the window closes automatically at the first drop of rain.

GGL and GGU Solar are solar powered roof windows with all the comfort of INTEGRA windows but no need for wires and power supply.



### Models GGL INTEGRA and Solar

GGL INTEGRA and Solar are made of strong laminated pine protected with a water-based surface treatment and a double-layer clear-lacquer finish. The wooden windows add a touch of warmth to the interior.



### Models GGU INTEGRA and Solar

GGU INTEGRA and Solar have a wooden core that is protected by a white polyurethane coating. The smooth, rounded edges give the window a contemporary, stylish look. The windows are suitable for any room, also for high-humidity locations such as bathrooms and kitchens. GGU INTEGRA and Solar are some of the most hard-wearing products in our range.



Installation in roof pitch: 15°-90°.

### Pane:

Model --73: Insulating glass unit with laminated glass.

Model --60: Insulating glass unit with laminated glass and extra heat protection.

For more information about panes, see page 18.



### GGL and GGU INTEGRA® and Solar - the intelligent roof windows

- Programmable ventilation
- Complete shutter/blind control
- Rain sensor
- Frame light control
- Personal pre-settings
- Status display
- io-homecontrol® compatible



The Solar windows are equipped with a solar operator, rechargeable battery and solar cell that is placed on the top casing of the window.



io-homecontrol® provides advanced and secure radio technology that is easy to install. io-homecontrol® labelled products communicate with each other, improving comfort, security and energy savings.

[www.io-homecontrol.com](http://www.io-homecontrol.com)

**Note: Our io-homecontrol work on 868 MHz radio frequency. Please check if you can use this frequency in your country. If not, contact us for another operation system.**

All other features as roof windows GGL/GGU.

# Top-hung roof windows

Models GHL, GHU and GPL, GPU

## - pleasant panorama view



Top-hung roof windows provide a good view and a feeling of open space. They are ideal for low-pitch roofs.

Models GHL and GHU can be opened in 3 positions up to 30 degrees using the handle at the bottom of the sash.

Models GPL and GPU can be opened at any position up to 45 degrees.

Both models can be turned 180 degrees for easy cleaning and can be used as emergency exit if necessary.



### Models GHL and GPL

GHL and GPL are made of strong laminated pine protected with a water-based surface treatment and a double-layer clear-lacquer finish. The wooden windows add a touch of warmth to the interior.



### Models GHU and GPU

GHU and GPU have a wooden core that is protected by a white polyurethane coating. The smooth, rounded edges give the windows a contemporary, stylish look. The windows are suitable for any room, also for high-humidity locations such as bathrooms and kitchens. GHU and GPU are some of the most hard-wearing products in our range.



### Installation in roof pitch:

15°-55° (up to 75° only with special springs installed).

### Pane:

Model --59: Insulating glass unit with toughened glass.

Model --73: Insulating glass unit with laminated glass.

Model --60: Insulating glass unit with laminated glass and extra heat protection.

For more information about panes, see page 18.

### Ventilation:

The ergonomically designed control bar is used both to open the window and to operate the ventilation flap. The open ventilation flap exchanges 10–41 m<sup>3</sup> of air per hour, depending on the window width. A built-in air filter (washable) keeps out dust and insects.

### Installation products:

Use VELUX flashings and insulation material to ensure a tight connection to the roof, see page 13.

### Extra comfort:

Interior and exterior blinds and roller shutters for decoration and sunscreening, see pages 14–16.

# Roof balcony

GDL model VELUX CABRIO

## - a great feeling of space



VELUX GDL CABRIO® gives every loft space a place in the sun. This unique window system lets you enjoy natural light, a great view and invites outside space to flow into your interior. Just open the top frame and push the lower one outwards and then step outside.



### Model GDL

GDL is made of strong laminated pine protected with a water-based surface treatment and a double-layer clear-lacquer finish. The wooden windows add a touch of warmth to the interior.



### Installation in roof pitch: 35°-53°.

Upper section top-hung with bottom operation. When the upper section is opened, the lower section can be pushed outwards to a vertical position. As the lower section opens, integral banister railings are raised on both sides.

### Pane:

Model --73: Insulating glass unit with laminated glass.

For more information about panes, see page 18.

### Ventilation:

The ergonomically designed control bar in the upper section is used both to open the window and to operate the ventilation flap. The open ventilation flap exchanges 18–29 m<sup>3</sup> of air per hour. A built-in air filter (washable) keeps out dust and insects.

### Installation products:

Use VELUX flashings and insulation material to ensure a tight connection to the roof, see page 13.

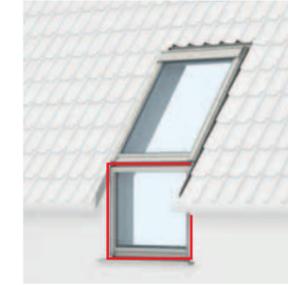
### Extra comfort:

Interior and exterior blinds for decoration and sunscreening, see pages 14–16.

# Façade element

Model VFE

## - more daylight and a wider view



VFE is a vertical window that can be installed beneath roof window models GGL, GPL and GHL. They extend the view to the outside and are especially suitable when a part of the room has a vertical wall below the eaves of the sloping roof.



### Model VFE

VFE is made of strong laminated pine protected with a water-based surface treatment and a double-layer clear-lacquer finish. The wooden windows add a touch of warmth to the interior.



### Installation in roof pitch:

Vertical installation. Can be installed in connection with roof window with roof pitch 15°–55°.

### Pane:

Model --73: Insulating glass unit with laminated glass.

For more information about panes, see page 18.

### Ventilation:

VFE opens inwards using a handle placed at the top of the frame.

### Installation products:

Use VELUX flashings to ensure a tight connection to the roof, see page 13.

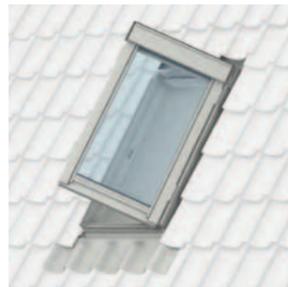
### Extra comfort:

Interior and exterior blinds for decoration and sunscreening, see pages 14–16.

## Exit roof windows

### Model GXL - roof window with door function

GXL is a side-hung roof window that can be used as a roof exit. It is operated with a handle in the middle of the side sash with one ventilation position. The sash can be repositioned to the opposite side. The natural pinewood of our GXL will give your space warmth and style.



**Model GXL**  
GXL is made of strong laminated pine in the same quality as model GGL.



**Installation in roof pitch:** 15°-85°

**Pane:**  
Model --59: Insulating glass unit with toughened glass.  
Model --73: Insulating glass unit with laminated glass.  
For more information about panes, see page 18.

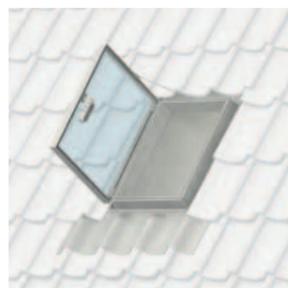
**Ventilation:**  
GXL has a ventilation flap. A built-in air filter (washable) keeps out dust and insects.

**Installation products:**  
Use VELUX flashings and insulation material to ensure a tight connection to the roof, see page 13.

**Accessories:**  
Interior blinds for decoration and sunscreening, see pages 14-15.

### Model GVT - for uninhabited attics

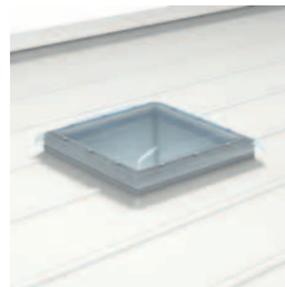
GVT is mainly recommended as a roof exit is for non-insulated, uninhabited attics. The window is made of maintenance-free polyurethane and extruded aluminium. Equipped with an insulating glass unit.



## Roof windows for flat roof

### Models CVP and CFP

From superb design to keeping out the elements, VELUX flat roof window enable daylight and fresh air entering every corner of your home. Model CVP is electrically operated while model CFP is a fixed window.



White plastic with insulating pane and a clear or opaque acrylic dome.



**Installation in roof pitch:** 0°-15°

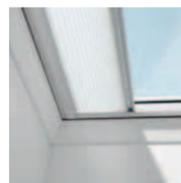
**Material:**  
**Frame:** White plastic.  
**Pane:** Model --73: Insulating glass unit with laminated glass.  
For more information about panes, see page 18.  
**Dome:** Clear or opaque acrylic.



**Model CVP**  
CVP can be opened by a remote control with all features as INTEGRA roof windows (see page 9).



**Model CFP**  
CFP is fixed and cannot be opened.



For suncreening and energy-saving the electrically operated pleated blind model FMG can be installed in VELUX flat roof windows CFP and CVP. All features as pleated blind FML, see page 15.

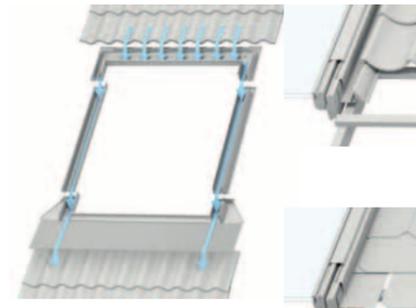


**Note: Our io-homecontrol work on 868 MHz radio frequency. Please check if you can use this frequency in your country. If not, contact us for another operation system.**

## Safe connection to the roof

### Models EDW and EDS - single VELUX flashings

Unobtrusive flashings that overlap the roof provide a weather-proof seal between the window and the roof to ensure safe and effective rainwater drainage.



**Model EDW**  
Flashing for a single window. Available as standard in grey-painted aluminium. For profiled roofing materials up to a thickness of 120 mm.

**Model EDS**  
Flashing for a single window. Available as standard in grey-painted aluminium. For flat roofing materials up to a thickness of 16 mm (2 x 8 mm).

### Models EKW and EKS - Combi flashings expand possibilities

VELUX combi solutions are discreet from the outside, but impressive from the inside. Just decide how many windows your room will need and how you will combine them with the reassurance that the VELUX flashing system can accommodate all your wishes.



Use EKW for profiled roofing materials up to a thickness of 120 mm.



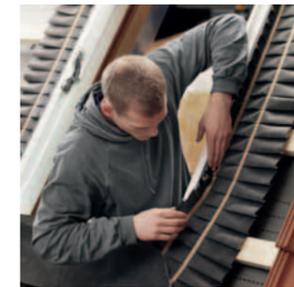
Use EKS for flat roofing material up to 16 mm (2 x 8 mm).



Flashings EFW and EFS are for installation of roof windows together with vertical element VFE. EFW for profiled roofing material. EFS for flat roofing material.

### Model BDx - VELUX thermo-insulation

For the ultimate in hydro and thermo insulation, we recommend our BDx insulation. The installation set includes all you need for a weathertight window: an insulating frame, an underfelt collar and a drainage channel. Our insulating frame reduces heat loss by eliminating thermal bridges between the window and your roofing material.



**Model EDW 2000**  
is a set that consists of flashing EDW and thermo-insulation set BDx.

### Models LSB, LSC and LSD - VELUX linings

VELUX linings complete the interior wall area around the roof window. They can be installed in roof pitches from 15° to 90°. The standard lining allows optimum diffusion of light into the room and good ventilation to the roof window. They are made of 10 mm chipboard with white foil and protective lacquer.



**Model LSB**  
is for a roof thickness up to 33 cm.

**Model LSC**  
is for a roof thickness up to 43 cm.

**Model LSD**  
is for a roof thickness up to 53 cm.



# A blind for any requirement or taste

The VELUX range of blinds offers the widest choice of colours and designs available with smooth operation and years of trouble-free service. Whether you are looking for shade, privacy or protection from the glare and heat from the sun, you are bound to find a perfect match for your interior.



VELUX roof windows are fitted with pre-installed brackets to ease installation and to ensure a perfect fit every time.

**Pick&Click!**



**Note:** To find the right blind for your roof window, you need to specify both the type and size of the window.

To find this information, open the window and look at the type tag on the right top edge of the sash.



## Roller blinds with side channels

VELUX roller blinds in translucent fabrics help shut out the glare from the sun. They come in a distinctive design with slim, aluminium profiles and side channels with a smooth friction system for easy, infinitely adjustable opening and closing. They are available in manual and remote-controlled electrical or solar battery powered models.

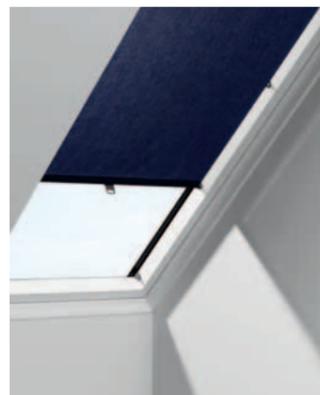
**RFL** - manually operated  
**RML** - electrically operated  
**RSL** - solar powered



## Roller blinds with hooks

VELUX roller blinds RHL are manually operated and have hooks for 3 step positioning. They come in a distinctive design with aluminium top casing. The fabric is translucent and shuts out the glare from the sun.

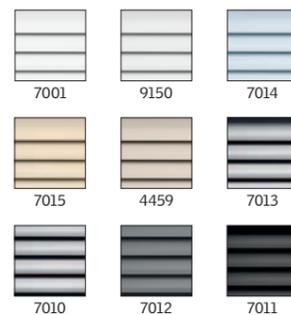
**RHL** - manually operated



## Venetian blinds

VELUX Venetian blinds combine classical stylishness with practical simplicity. The tilting grip lets you adjust the amount and the direction of the light entering the room to provide the brightness you need while preserving your privacy. The award-winning cordless design with the tilting grip allows you to tilt the slats smoothly. New elegant Slim line design.

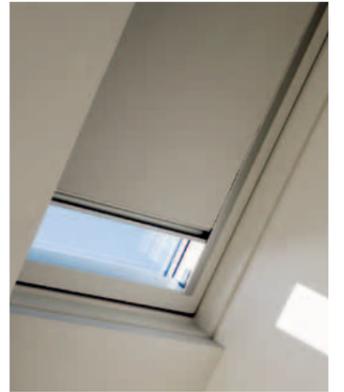
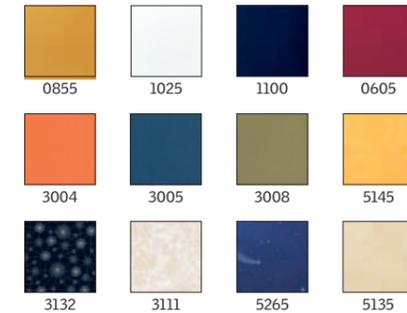
**PAL** - manually operated  
**PML** - electrically operated



## Blackout blinds

VELUX blackout blinds are perfect for the bedroom or any other room where total darkness is needed. Operated with a smooth friction system for easy, infinitely adjustable opening and closing. New elegant Slim line design.

**DKL** - manually operated  
**DML** - electrically operated  
**DSL** - solar powered

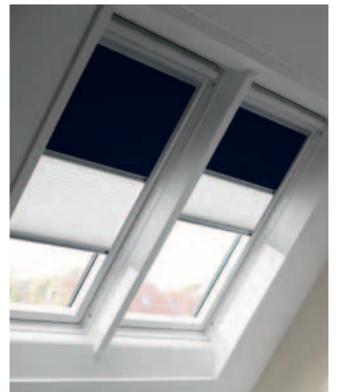
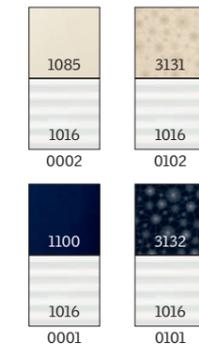


## Pleated blind and Duo - blackout blind

With 2 blinds in 1, this is the ideal solution for sleeping in the dark and softening the light during the day. The pleated blind is fixed at the bottom of the blackout blind. DFD is available in 4 blackout colours in combination with a white pleated blind (1016). New elegant Slim line design.

**DFD** - manually operated

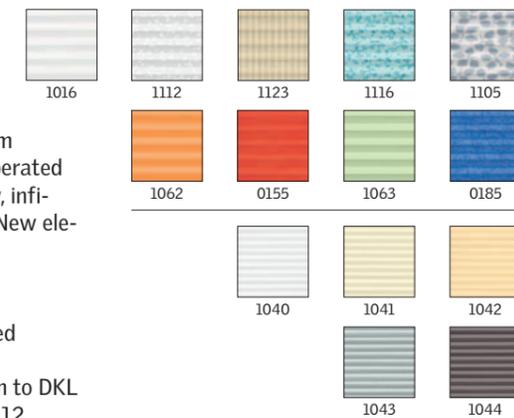
**Colour combination**  
1100 + 1016 = 0001, 1085 + 1016 = 0002  
3131 + 1016 = 0102, 3132 + 1016 = 0101



## Pleated blinds

VELUX pleated blinds give you stylish design and daylight regulation with slim aluminium profiles to add elegance. Operated with a smooth friction system for easy, infinitely adjustable opening and closing. New elegant Slim line design.

**FHL** - manually operated  
**FHC** - manually operated double pleated  
**FML** - electrically operated  
**FPL/FPN** - manually operated, addition to DKL  
**FMG** - for flat roof windows, see page 12



## Insect screens

The insect screen keeps insects out while allowing fresh air to circulate freely inside the room. The insect screen is installed on the lining. The brushed aluminium frame conceals the insect screen when it is not in use.

**ZIL** - manually operated



# Heat protection and blackout

## Awning blinds

VELUX awning blinds keep the room cool and airy without blocking your view. They stop the sun's rays before they reach the glass. Simple to install from the inside.

- MHL** - manually operated
- MAL** - operated by cord
- MML** - electrically operated
- MSL** - solar powered
- MAD** - for bottom window in GDL, cord operated
- MIE** - for windows VFE, manually operated



## Roller shutters

VELUX roller shutters are the solution for total comfort. They let you keep out or let in as much light as you want – from full sunshine to complete blackout, while providing optimum heat protection. They save energy and provide rain noise protection while discouraging unwanted visitors. They are available both with remote control and with standard manual operation.

- SCL** - manually operated
- SML** - electrically operated
- SSL** - solar powered



# Electrical and solar control

If your existing VELUX GGL or GGU roof windows are manually controlled, upgrading them is easy. VELUX electrical or solar powered roof window control gives you ultimate comfort and convenience, especially with out-of-reach windows. All VELUX electrical and solar solutions use state-of-the-art radio frequency technology that complies with the io-homecontrol standard.



**KUX 100 Control system**  
For control of one window operator, roller shutter or blind (includes remote control).



**KMG 100 Window operator**  
For electrical operation of manual pivot-hung GGL/GGU roof windows. Requires control system KUX 100. Includes rain sensor.



**KMX 100 Electrical conversion kit**  
For GGL/GGU roof windows. Converts manual pivot-hung window to electrical operation (incl. remote control, rain sensor, sunscreening connections).



**KLR 100 Remote control**  
Additional unit for remote control of VELUX electrical products.



**KSX 100 Solar conversion kit**  
Converts VELUX manually operated GGL and GGU windows into solar-powered, remote-controlled roof windows.

# Manual control

For manual operation of out of reach windows, rods in several lengths are available.



**Rod control - ZCZ 080**  
Rod control 80 cm.



**Telescopic rod control - ZCT 200**  
Can be adjusted from 100 cm to 180 cm.



**Extention module - ZCT 100**  
For telescopic rod ZCT 200. Available in 100 cm.



**Adaptor - ZOZ 157**  
Adaptor for operation of RHL roller blinds.

The rod controls operate GGL/GGU windows and Venetian, pleated, blackout blinds and roller blinds.

# Sun tunnels - natural light everywhere

## Models TWR and TWF - for sloped roof

A VELUX sun tunnel provides natural light from outside in dark areas of the house such as hallways, bathrooms and other rooms with no natural light, and where it is either not possible or not suitable to install a traditional roof window.



A sun tunnel can be installed in a roof with a pitch between 15° and 60°.

The sun tunnels are fixed units which cannot be opened. Integrated black polyurethane flashing. Glass pane of 4 mm toughened glass with special stay-clean coating. Interior diffuser with double, acrylic insulating pane and white ceiling trim ring. Sash made of maintenance-free plastic.



**Sun tunnel with rigid tunnel - TWR**  
Optimum light solution from 1.45 m distance. All tunnel parts have a highly reflective inner surface. Comes with two elbow joints and one 2x620 mm telescopic tunnel with a total length of 1.85 metres.



**Sun tunnel with flex tunnel - TWF**  
Solution for distance up to 2 m. Comes with a 2 metre, reflective flexible tunnel with a diameter of 35 cm/14 inches.

Distances between 1.85 m and 6 m require a VELUX sun tunnel rigid extension ZTR (not included).



**Light kit ZTL 014L**  
With the light kit you can use your sun tunnel as a lamp in the evening. Has to be ordered separately.

## Models TCR and TCF - for flat roof

The flat roof sun tunnels are an inexpensive way to add value to your home and bring daylight to any dark space. They are also a flexible solution since they can be used places where flat roof windows cannot be installed.



The sun tunnels can be installed in a flat roof from 0 to 15°.

The sun tunnels are fixed units which cannot be opened. The kerb is made in white plastic, the dome is in transparent acrylic. The interior diffuser is in frozen plastic.



**Sun tunnel with rigid tunnel - TCR**  
Distance from roof to the interior ceiling has to be from 0.85 to 1.80 m.



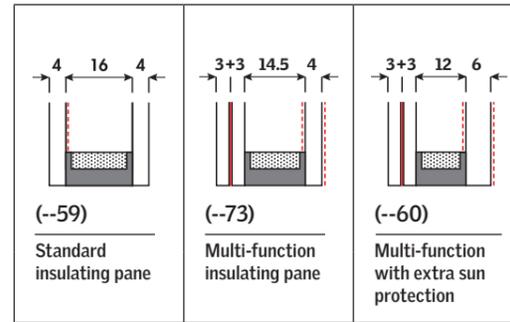
**Sun tunnel with flex tunnel - TCF**  
Distance from roof to the interior ceiling has to be from 0.20 to 0.90 m.



**Light kit ZTL 014L**  
With the light kit you can use your sun tunnel as a lamp in the evening. Has to be ordered separately.

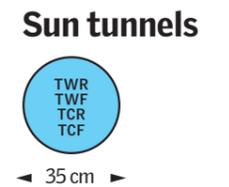
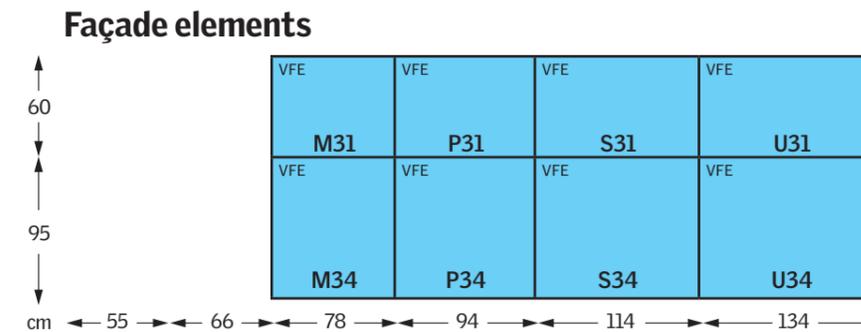
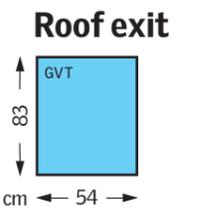
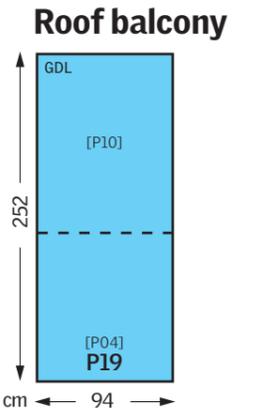
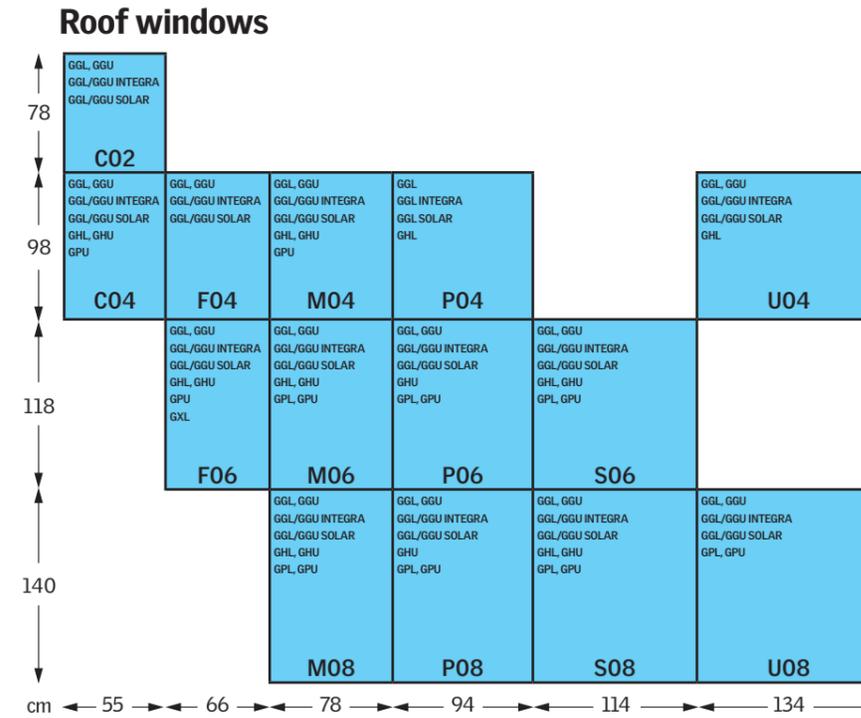
# VELUX insulating glass units

When placed in the sloped roof, roof windows are directly exposed to all kinds of weather. Therefore the strength and quality of window glazing has to be optimal. VELUX has a range of insulating glass units to suit all your requirements.



<p><b>Outer toughened safety glass</b> For places where there is a demand for increased resistance against e.g. hail, wind and snow loads. When toughened glass breaks, it shatters in a thousand small pieces, thereby the risk for personal injury is reduced.</p>	✓	✓	✓
<p><b>Laminated safety glass</b> For places with a high demand for personal safety. In case of breakage, the inner layer is designed to hold the fragments together. We recommend using insulating glass units with laminated glass on the inside for windows placed above areas where people sleep, play or work.</p>		✓	✓
<p><b>Easy-to-clean coating</b> Minimizes cleaning of the outer glass pane. Gives you a clearer view in case of rain or dew on the outer glass pane. Is especially suitable for windows positioned out of reach.</p>		✓	✓
<p><b>UV-protection</b> Protecting furniture from fast fading.</p>	●	●	●●●
<p><b>Sound reduction</b> Extra high reduction of outside noise.</p>	●	●●	●●●
The panes are standard for roof window models:	GGL, GGU, GHL, GHU, GPL, GXL, GVT	GGL, GGU, GGL/GGU INTEGRA, GGL/GGU SOLAR, GHL, GPL, GPU, GDL, VFE, GXL, CVP, CFP	GGL, GGU, GGL/GGU INTEGRA, GGL/GGU SOLAR, GHL, GPL

# Roof window sizes in cm



# Get the most of your roof windows

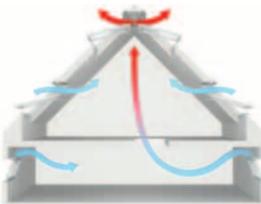
**Even light distribution**  
For the ideal distribution of light place the roof windows on both sides of the room, if possible.



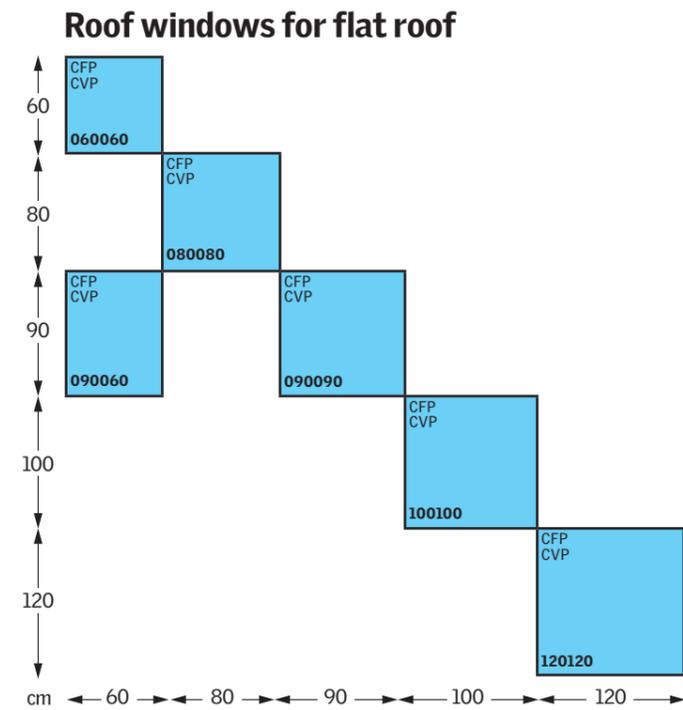
**Maximize daylight**  
Horizontal linings above and vertical linings below the window provide the most effective light distribution in the room. If you make linings in right angles (90°) to the wall, both light and space will be limited and you will benefit less from of your roof window.



**Ventilation**  
Roof windows placed in the ceiling also improve the ventilation of the room. Warm air concentrated under the ceiling will have free exit and will be replaced by fresh air entering the room through lower windows.



**Position windows correctly**  
VELUX roof windows are operated from the top. Therefore they can be placed in a low position. The operation is easy and you will be able to enjoy the view. The top operation allows you to place your furniture just under the window and use the valuable space in the attic. If a low position is not possible, a window with bottom handle (model GHL) can be considered.



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