



INTRODUCING THE  
**SOLAR POWERED SKYLIGHT!**

**VELUX®**

# POWERED BY THE SUN...

With a 5-star energy rating VELUX skylights were always great for the environment. Now they're even better. The VELUX solar powered skylight has arrived in Australia!

## FREE ENERGY

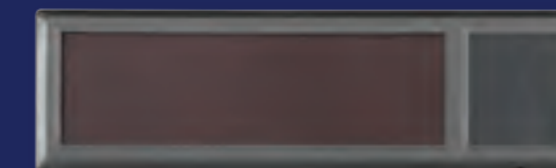
Seen from the outside it looks like a normal VELUX – only the solar panel gives it away. Small in size, the solar panel produces enough energy to open and close your skylight as often as you'd ever want to.

## FRESH AIR

Open your solar powered skylight and you'll immediately feel the breeze. In fact, many home owners could eliminate or reduce their air conditioning cost considerably by installing VELUX solar powered skylights.

## WORKS WHEN YOUR ELECTRICITY DOESN'T

An electric skylight relies on electricity to work. A VELUX solar powered skylight always works – even if the sun doesn't shine. A bit of daylight is enough for it to recharge, and its power reserves stretch for days.





## ...CONTROLLED BY YOU

If you know how to operate a smartphone, you'll know how to operate your VELUX solar powered skylight. The remote control looks as good as a smartphone, too...

### VENTILATION AT YOUR FINGERTIPS

A single tap on the touchscreen is enough to open or close your solar powered skylight. If you want to control another unit, just swipe a finger over the display and tap. It's as easy as that.

### EASY TO PROGRAM

You can program your VELUX solar powered skylights to open and close automatically whenever you want. There are eight different programs – one for almost any situation. If you want more options, you can even create your own.

### ONE REMOTE CONTROLS IT ALL

You can control up to 200 VELUX skylights with one remote control. But you can also have a remote control in each room or one for each skylight. Every VELUX solar powered skylight comes with a remote control so the choice is yours.



The background of the entire page is a close-up photograph of a VELUX skylight. The skylight is partially open, and its surface is covered with numerous water droplets of varying sizes, suggesting it has recently rained. The lighting is soft and diffused, highlighting the texture of the glass and the metallic frame.

# YOU'LL LOVE THE **RAIN SENSOR**...

What if it rains, you may think. How do I avoid water through the skylights if they are programmed to open at specific times? You don't have to do a thing...

#### **RAIN SENSOR**

Have a good look at the solar panel. The black square to the right of the solar panel is a rain sensor. As soon as raindrops hit the sensor, the skylight closes automatically. You can 'set and forget' your VELUX solar powered skylights.

#### **POWER RESERVE**

Even when it's cloudy, the solar panel will generate enough power to recharge its batteries. No sun, no electricity...no worries. Your VELUX solar powered skylight just works.

#### **AS LEAK PROOF AS ROOF TILES**

As for the VELUX skylight itself, it's as leak proof as roof tiles. VELUX skylights have passed the same Australian Standard test as roof tiles and even hailstorms leave the glass unaffected. VELUX is the only glass skylight in Australia to have passed a hail test.

# ...AND THE **5-STAR ENERGY RATING**

A VELUX solar powered skylight is energy efficient in more ways than one. It is designed to keep the heat out and let fresh air in...

#### 5 STAR ENERGY RATING

VELUX solar powered skylights are WERS energy rated and have achieved the maximum 5 stars for their summer performance. The High Performance double glazing blocks up to 80% of the heat and 99% of the UV rays.

#### DESIGNED TO PERFORM

There's more to a VELUX skylight than the double glazing. A double layer of Low-E coating acts as a heat shield on the inside of the outer pane. Any heat getting past the Low-E coating faces a minefield of heat-conquering Argon gas. Not much heat survives...

#### NOISE REDUCTION 32 dB

The hi-tech design of a VELUX solar powered skylight offers another advantage: it blocks noise. In the closed position the noise reduction is 32 dB, reducing the noise of a lawn mower to that of normal conversation.



VELUX skylights achieve the 5 star maximum on the WERS summer rating.

# IT'S MADE TO LAST...

Australia is the ultimate test for any skylight – but VELUX solar powered skylights are made for it. They have passed every test in the book...

#### BUSHFIRE TESTED

VELUX solar powered skylights have passed the tough Bushfire Attack Level 40 (BAL 40) test. The test exposes the skylight to a 1100°C heat source – as hot as the lava flowing from an erupting volcano – for 10 minutes. Most bushfires come and go within 2-5 minutes.

#### HAIL TESTED

Australia has no official hail test for glass skylights, so VELUX replicated the American ASTM E822-2009 hail impact test. The glass was hit by synthetic hailstones the size and weight of cricket balls at speeds of up to 172 kph – faster than any fast bowler has ever delivered a cricket ball. Not a scratch.

#### CYCLONE TESTED

VELUX solar powered skylights are suitable for cyclonic conditions in Australia's tropical far north. In the AS 4285 cyclone test, the skylight is fixed to a test bed and sealed to prevent air escaping. Air is then pumped underneath the skylight to expand it and sucked back out again. Not once, not twice...more than 10,000 times!

“ One test is worth more than 1000 expert opinions ”

Villum Kann Rasmussen,  
founder of VELUX



# ...AND TO LOOK **NEAT**

VELUX solar powered skylights are the most hi-tech skylights you can buy in Australia. The NEAT™ coating is another defining feature...

#### PHOTOCATALYTIC COATING

NEAT™ is a photocatalytic coating that helps keep your skylight clean. The coating covers the complete surface of the outer pane and consists of silicone dioxide and titanium dioxide. The two components combine to make your life easy...

#### DECOMPOSES ORGANIC MATTER

Triggered by the sun's UV rays, the NEAT™ coating decomposes organic matter before the next shower of rain rinses it away. Your skylights will require much less cleaning.

#### DISPERSES WATER

The NEAT™ coating also makes the glass surface smoother so that water disperses evenly, sheets off and evaporates quickly. The amount of water spotting on the pane is vastly reduced.





## IT'S **EASY** TO INSTALL...

Installing a solar powered VELUX skylight is as easy as installing a manual openable VELUX skylight. There is no need for an electrician...

### **NO WIRES**

The technology behind VELUX solar powered skylights is fully wireless. The remote control uses radio frequency to communicate with the skylight. The indoor range is approx 10 metres.

### **SAVE MONEY**

Since there is no electricity involved you won't need an electrician to install a VELUX solar powered skylight. The installer can do it all...with significant cost savings compared to installing an electric skylight.

### **NO NEED FOR BACK-UP SYSTEM**

Unless a back-up system is installed, an electric skylight will stop operating during a power outage. A VELUX solar powered skylight is unaffected by power outages – a bit of daylight is all it needs to recharge its batteries.



# ...AND EVEN THE **BLINDS** ARE SOLAR POWERED

You have two blinds to choose from. For convenience, VELUX solar powered blinds can be set up to the same remote as the solar powered skylight.

#### VELUX BLOCKOUT BLIND

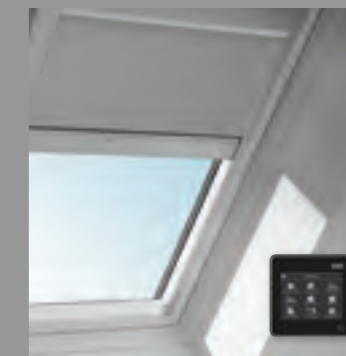
If you want to be able to block out light completely – e.g. in a bedroom – the VELUX Blockout blind is the way to go. The light reduction is almost 100% and the heat reduction is approx 40%. The blind is white on the inside and silver on the outside.

#### VELUX HONEYCOMB BLIND

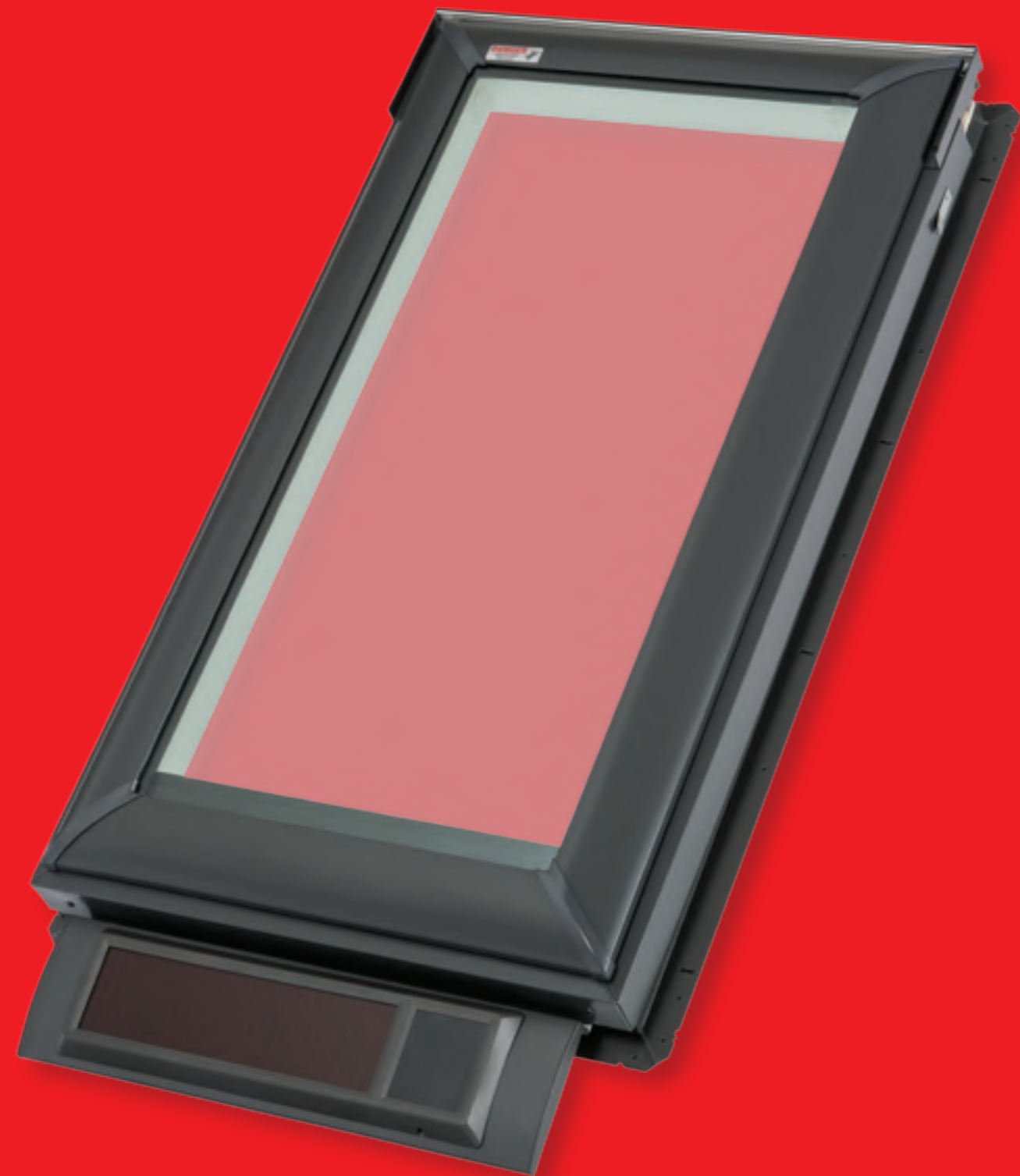
VELUX new Honeycomb blind is soft in appearance but tough on light and heat. Thanks to the aluminium coating on the inside and insulating air pockets, it keeps out approx 95% of the light and 60% of the heat. The white cloth exterior suits any home.

#### PICK&CLICK!® INSTALLATION

Both blinds are installed in a matter of minutes with VELUX unique Pick&Click® system. There is no price difference between the two blinds either. Your choice is a matter of personal preference only.



VELUX Blockout blind



# MANY SIZES, SUSTAINABLE PRICES

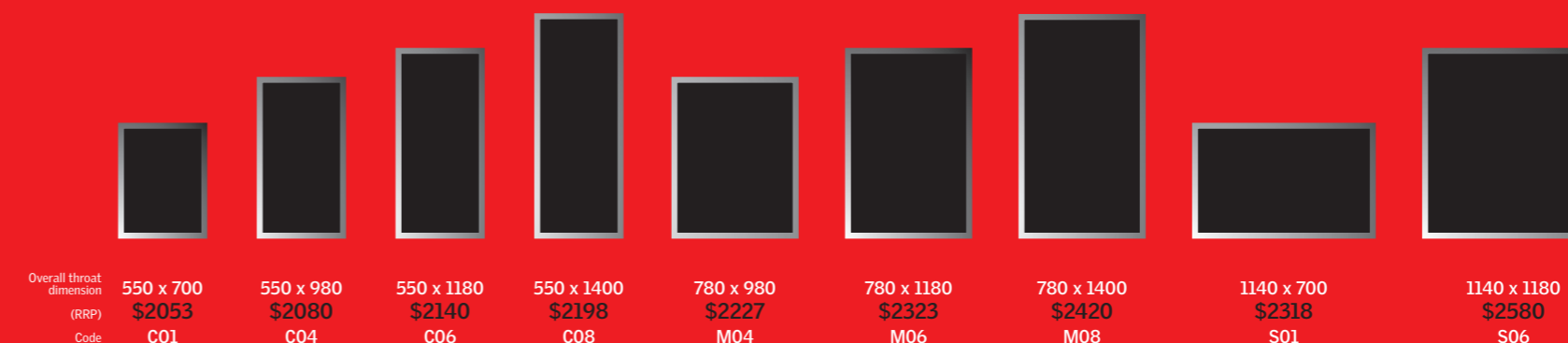
VELUX solar powered skylights are available in all the same sizes as the VELUX manual and electric openable skylights. You have 9 sizes to choose from at prices that are only marginally higher than the prices for the VELUX electric openable skylights.

VELUX solar powered skylights are sustainable in every sense of the word.

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All sizes in mm. Width x height.  
All prices quoted are Recommended Retail Prices (RRP) only.  
All prices are supply only and include GST.

Prices include flashing for single skylight into tile or corrugated iron roof.  
Contact VELUX Customer Services for details and prices of combi flashings for coupled skylights. Price list effective April 2016. Prices subject to change without notice.





visit [velux.com.au](http://velux.com.au)

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