

Luxaflex®
EVO
Awnings



Luxaflex®

Luxaflex Evo Awnings are designed and engineered in Australia specifically for the Australian market, making it ideal for our unique climate conditions.

The system is manufactured in Australia using strict quality control and inspection processes to ensure the product exceeds consumers' expectations. Backed by a Luxaflex 5 year warranty*, customers can have peace of mind with the longevity of their external shading solution.





Originally released in 2011, the Australian designed Luxaflex Evo Awning Range represents the latest in design, styling and functionality.

Offering a full suite of awning styles, the Luxaflex Evo Awning Range offers a common aesthetically appealing look across its range with a solution for every abode.

Selected products in the Luxaflex Evo Awning Range can span 5 metres wide (spring and internal winch 3.5 metres only) in either an enclosed headbox, open headbox or open roller option. In addition, the Luxaflex Evo Awning Range has a unique bottom rail that offers added functionality such as: Improved locking bolt, hold down straps, fabric valance options, concealed spline inserts, insect brush and the ability to add additional weight bars for windy conditions.



STC (Side Tension Channel) Awnings

Ideal for insect resistance and windy applications as the fabric is secured in the side channels.



Cable Awnings

Great for increased air flow and perfect for coastal applications.



Drop Awnings

A stylish solution with straps secured down to the floor or to a balcony railing with straps.



Channel Awnings

Cost effective alternative for sun protection, perfect for enclosing patios and courtyards.



Pivot Awnings

Heavy-duty design with optimal air flow, ideal for larger window up to 5m wide. Create a seamless look with matching pivot arm awnings across windows with any of the straight drop Evo styles to create a consistent look across the home.

Luxaflex® Evo Awnings - Energy Efficiency

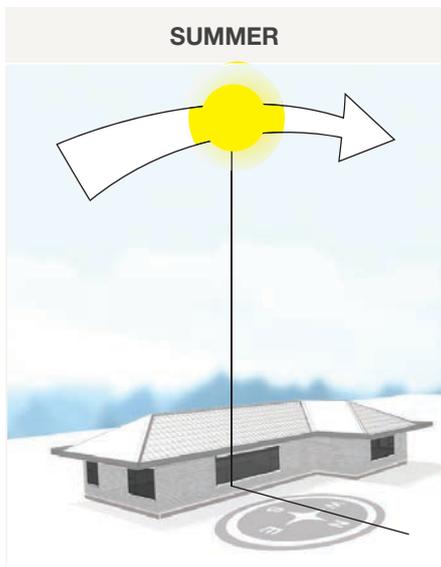
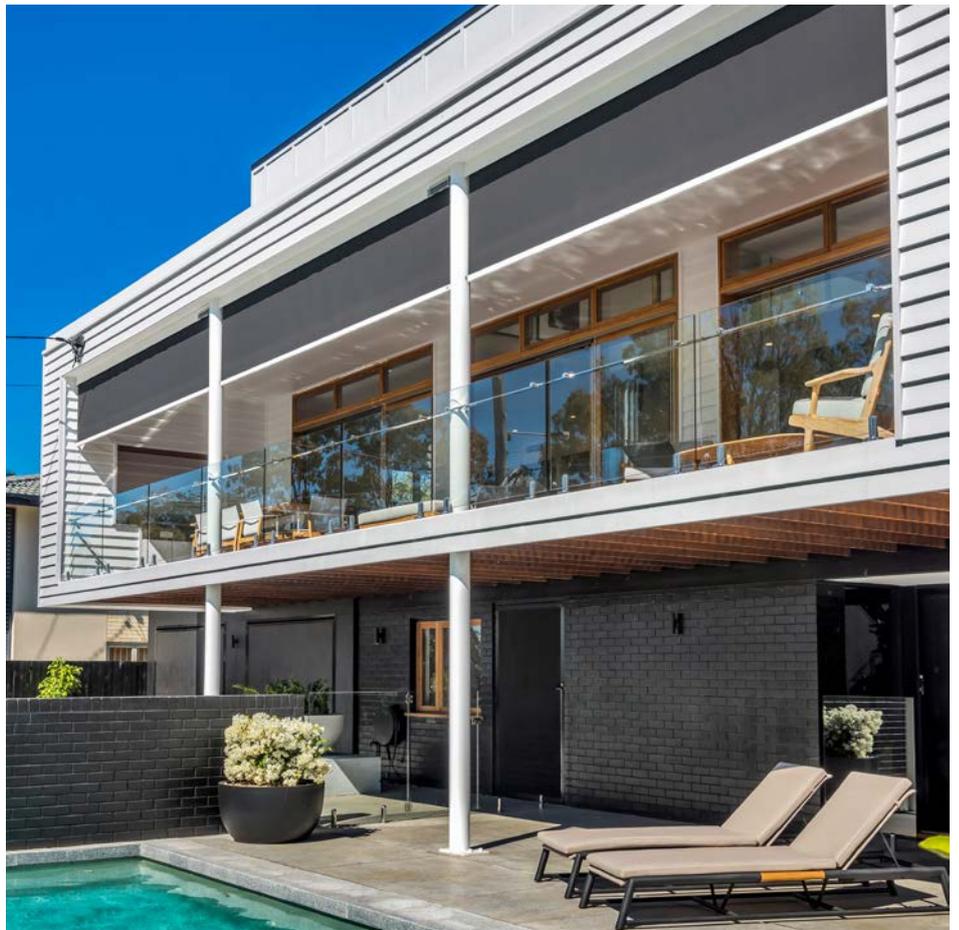
Did you know?

Windows are a big source of unwanted heat loss and heat gain in your home. Choosing the right window coverings means you can improve the comfort of your home all-year-round, reduce your power bills and cut carbon pollution.

Luxaflex® Window Fashions has long been committed to creating energy efficient products for Australian homes. Research recently undertaken exclusively for the Luxaflex® brand shows what kind of savings can be made by Australian households when they have an Evo Awning installed.

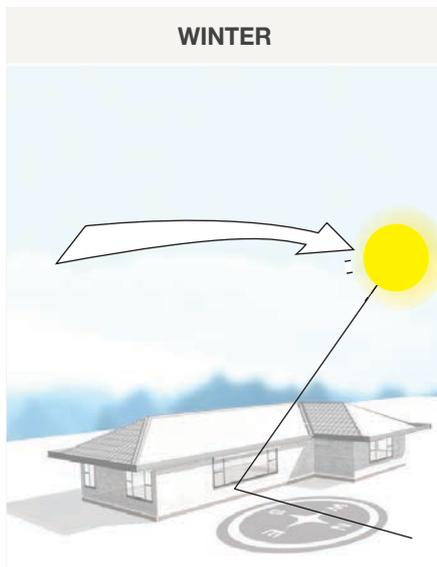
Impact of the sun on your home

Throughout the day, the sun moves from sunrise in the east through the north sky and sets in the west. This means the amount of heat from the sun received by a window varies according to orientation and time of year. In summer, the sun travels higher through the sky with direct exposure to east and west windows, in winter the sun travels lower with a greater angle through north facing windows. Each home is different - window size, orientation, glazing treatment, shading and internal coverings can have a significant impact on energy efficiency and comfort. Luxaflex® Evo Awnings easily retract and extend providing the perfect solution for your home, year-round.



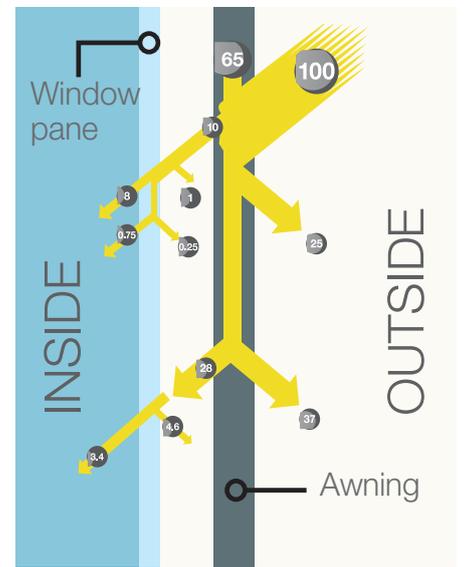
Keep your home cool in summer

During summer, about half of unwanted heat comes through exposed windows, especially those facing east and west. Shading your windows with Luxaflex® Evo Awnings can minimise heat in your home to create a comfortable cooler environment – and save you hundreds on energy bills.



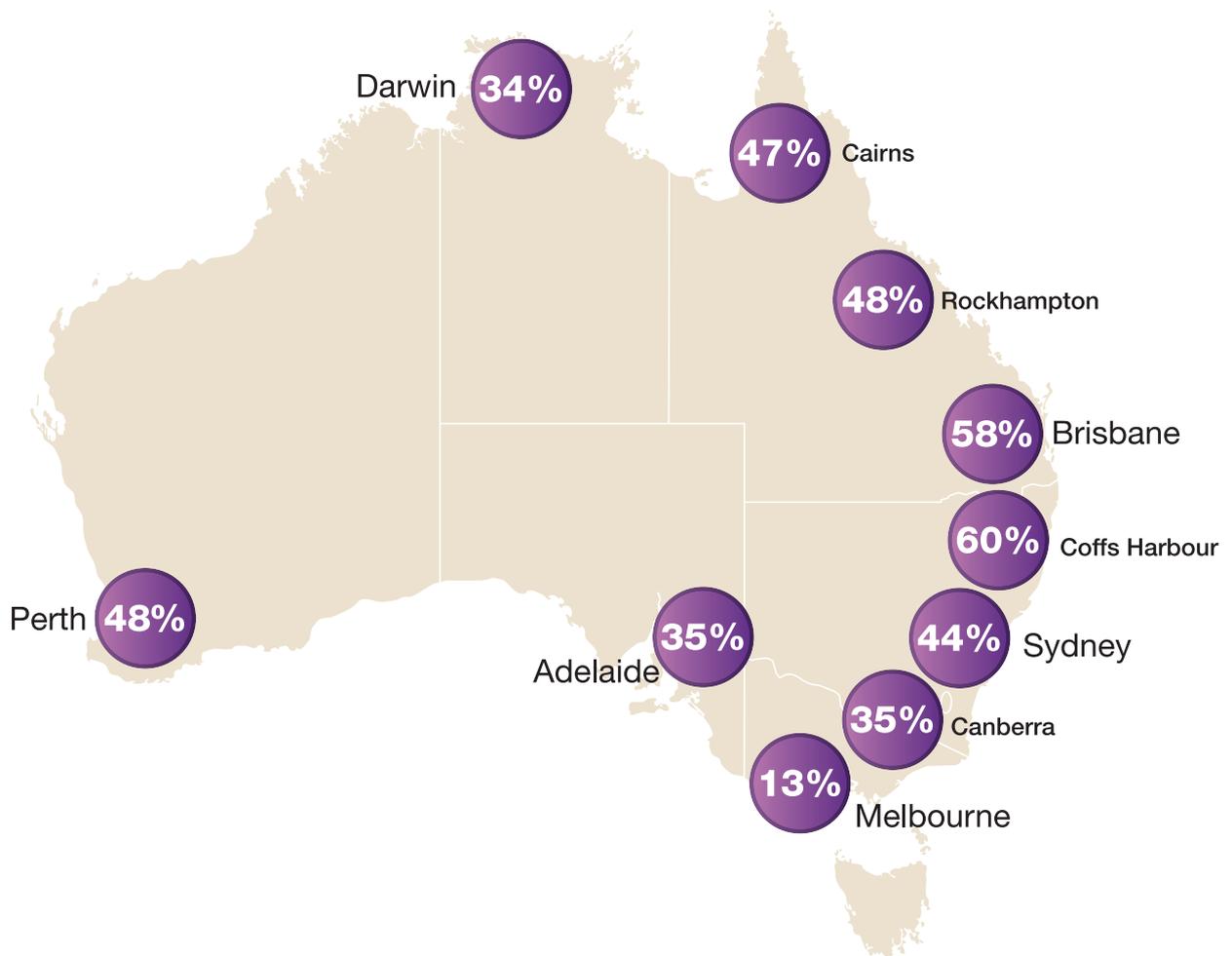
Keep your home warm in winter

You can control the temperature of your home in winter without relying on power-hungry heating appliances. To make the most of sunny days, open your awnings on windows facing the sun – this will let in sunlight and warmth, and will help to minimise the need to use your heating system. Keep the warmth inside during winter using well-fitted insulating window coverings such as Luxaflex® Duette® Architella Shades.



Heat Reflection

Luxaflex® Evo Awnings - Energy Efficiency



Save up to 60%¹ on your home cooling costs

You can save hundreds every year on your cooling costs. An awning shading a window reduces the radiant energy passing through the glass into the room. When the radiant energy touches an object inside it gets hot, making the room hot. Considering that up to 88%² of a home's heat gain in summer is through the windows and heating/cooling appliances use 41%³ of household energy, there are substantial long term savings to be made with the effective use of awnings, such as the Luxaflex® Evo Awning.

To provide Australian home owners with a better understanding of the savings achieved with the Luxaflex® Evo Awning, independent modelling was conducted specific to the Evo System. The savings will vary based on home construction, location and orientation, as well as the type of fabric and colour of your Evo Awnings.

ENERGY SAVING RESULTS

STATE	CITY	SAVINGS (%)	
ACT	CANBERRA	35	Results based on a typical Australian home before 2012 BCA. WINDOW ORIENTATION Equally Distributed – north, south, east, west SAVINGS SEASON Cooling costs in summer FABRIC Canvas C907 Black HOUSE 200m ² single storey GLASS TYPE Single Pane 4mm Clear In Aluminium Frame FLOOR TO WINDOW RATIO 28% windows Based on independent modelling conducted by White Box Technologies in conjunction with Peter Lyon & Associates. June 2013
NSW	COFFS HARBOUR	60	
NSW	SYDNEY	44	
NSW	WAGGA WAGGA	49	
NT	DARWIN	34	
QLD	BRISBANE	58	
QLD	CAIRNS	47	
QLD	ROCKHAMPTON	48	
SA	ADELAIDE	35	
VIC	BALLARAT	10	
VIC	MELBOURNE	13	
WA	PERTH	48	

¹ Based on independent modelling conducted by White Box Technologies in conjunction with Peter Lyons & Associates, June 2013. ² Source: BCA. ³ Source: Energy use in the Australian Sector, the Department of the Environment, Water, Heritage and the Arts; breakdown of energy for major end uses - 2007 Australia. 10/2018. C12264

Luxaflex® Evo Awnings, designed for quality & durability

The Luxaflex Evo Awnings range is designed in Australia for Australian conditions. The awnings have been engineered and independently tested to withstand the harsh Australian climate including sun, wind and rain.

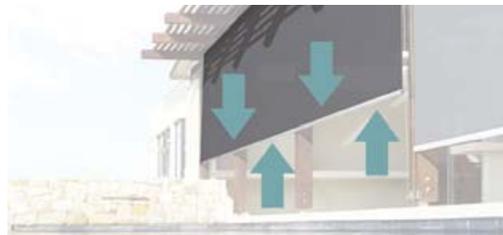
Solar Energy Modelling

Awnings provide shade for your windows. This modelling provides savings that are achievable through the use of Evo Awnings on the typical Australian Home.



Cycle Testing

Luxaflex Products are cycle tested to replicate daily use for a minimum of 7 years.



Wind Load Pressure Testing

The Luxaflex Evo Awnings range has been tested by an authorised and respected independent organisation to determine the maximum loads the awnings can withstand before signs of distress and ultimate failure. This table provides a guide for the wind pressure that these awnings can withstand. We recommend awnings are retracted in windy conditions to avoid the potential for damage.



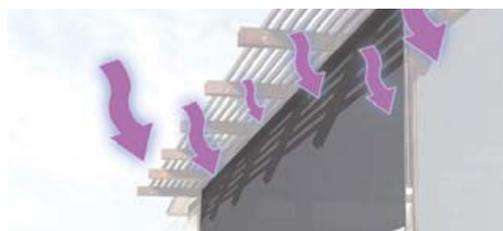
Weight Load Testing

To ensure strength of all parts.



UV Testing

Testing to ensure the colour's fastness when exposed to the damaging UV rays from the sun.



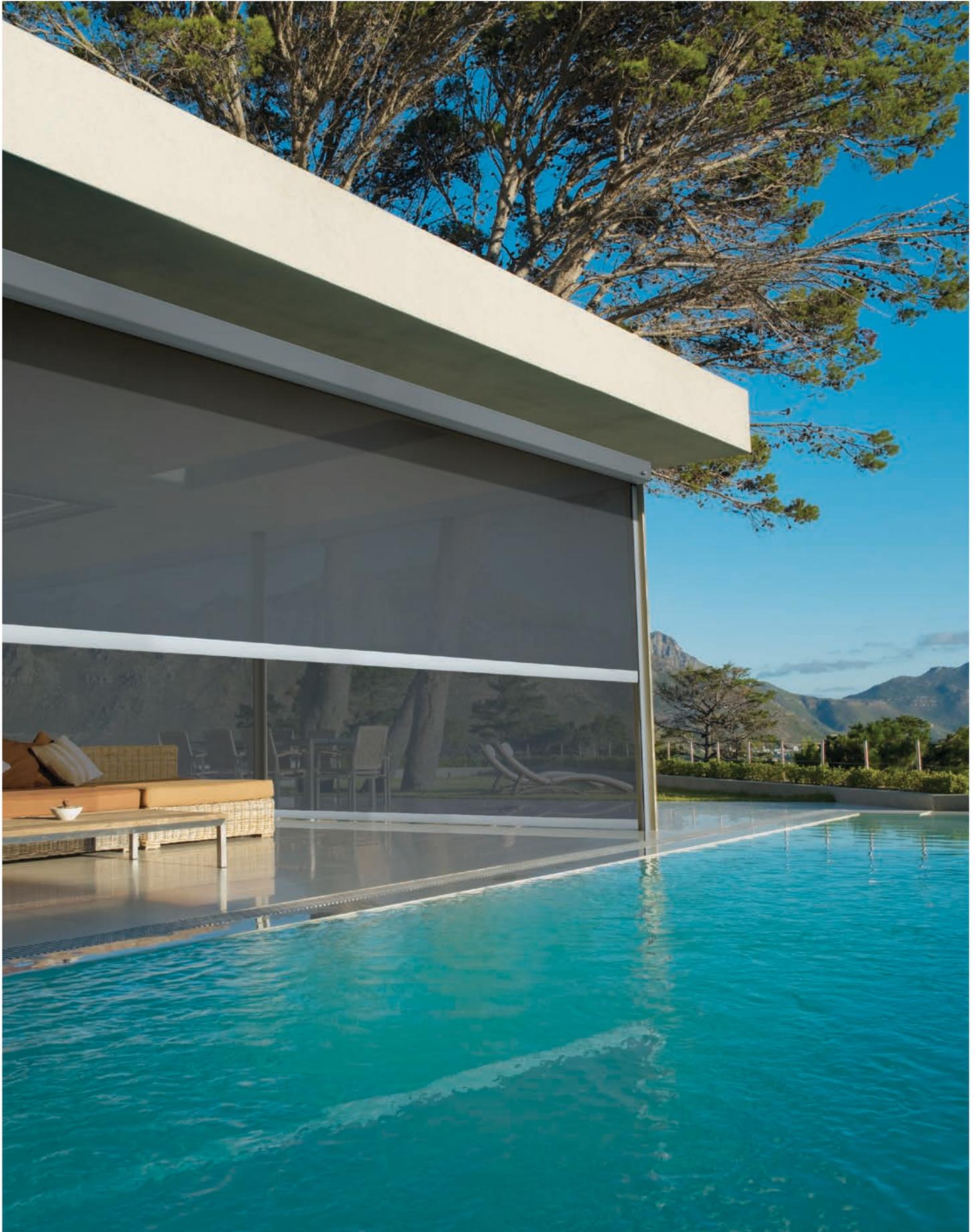
AWNING	PRESSURE (PASCAL)	EQUIVALENT WEIGHT (KG)
EVO DROP	225	185
EVO CABLE	225	185
EVO CHANNEL	100	82
EVO STC	550	453
EVO PIVOT	50	41

These results are based on an awning size 3300 x 2450mm

Salt Spray Testing

Testing for corrosion resistance for wet weather.





Evo STC (Side Tension Channel) Awning

The Luxaflex Evo STC Awning is the pinnacle of the Evo awning range and offers peak performance in adverse conditions. It is ideal for Sun/UV protection, windy applications, safeguarding against insects as well as light and heat control. The fabric is tensioned by using a floating channel and is perfect for enclosing courtyards, patios or balconies - in effect adding an extra room to the home.

Luxaflex® Evo LiteRise Awnings



Luxaflex Evo LiteRise is the latest innovation to be introduced to the Luxaflex Evo Awnings collection.

This intuitive operating system features a unique spring mechanism allowing you to operate your awning without the need for a motor or crank. Simply raise or lower the bottom rail to the desired height and release gently.

With its patented design you can now have all the beauty of the cordless design, ease of operation and instinctive control without the added costs of motorisation. Available in Evo STC awnings and with a wide range of Luxaflex fabrics to match all Australian homes.



Raise and lower the awning by hand

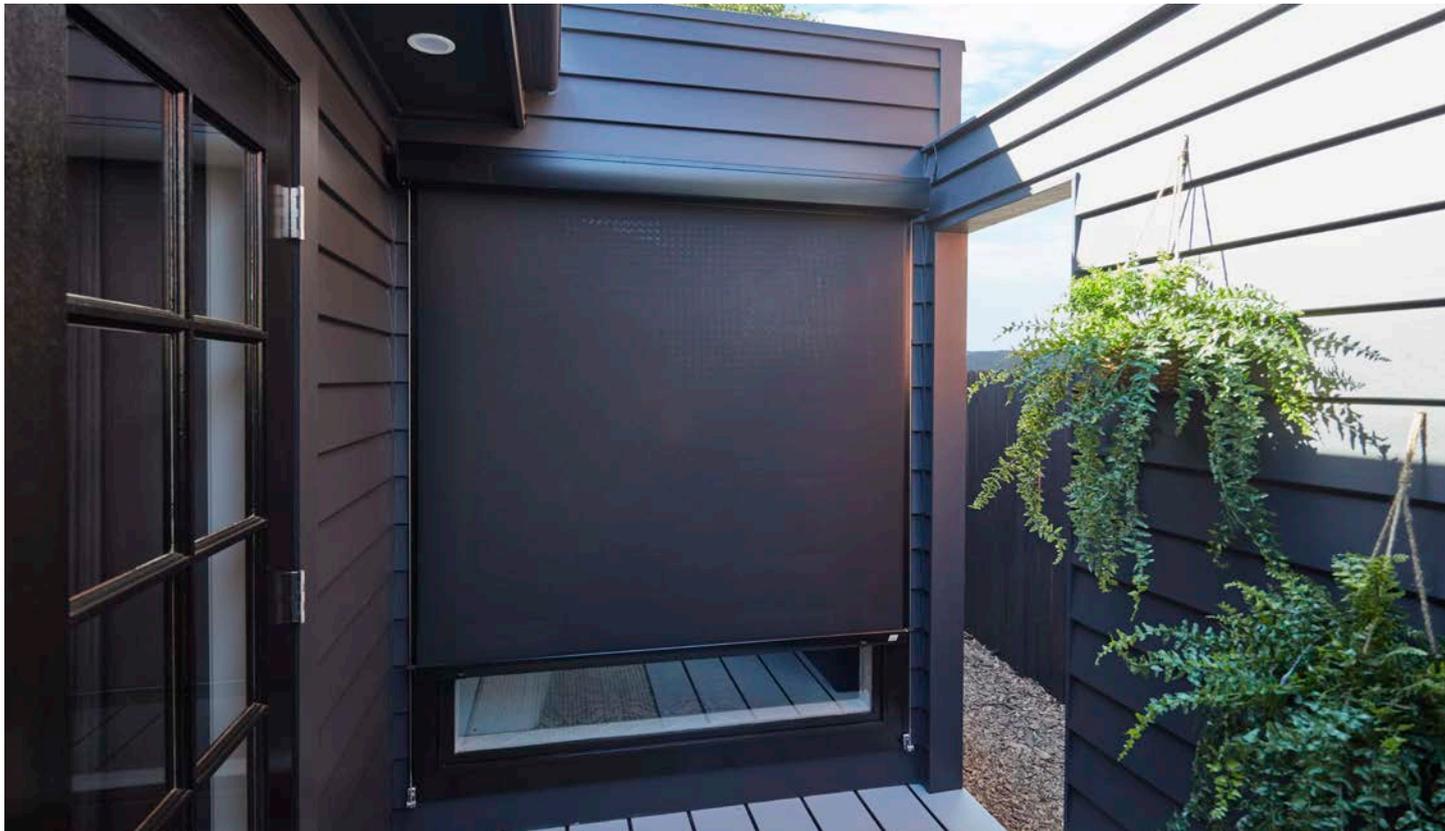
Luxaflex® Evo Drop Awnings



Evo Drop Awning

The Luxaflex Evo Drop Awning is a traditional style of awning and provides a timeless look to complement any home. As the Evo Drop Awning does not use any guides, it is ideal for sun/UV protection as well as air flow where side channels are not suitable. Hold down straps or locking bolts ensure the awning is secure in windy conditions.

Luxaflex® Evo Cable & Channel Awnings



Evo Cable Awning

The Luxaflex Evo Cable Awning is a contemporary straight drop awning suited to applications where UV protection is required with increased airflow behind the fabric or where side channels are not suitable. The cable guides are made of high tensile 316 grade marine stainless steel, making them perfect for coastal applications.



Evo Channel Awning

The Evo Channel Awning offers flexibility and is ideal for “out of square” installations as well as low wind applications. It offers sun/UV protection as well privacy and light control as the fabric sits within the side channels thereby eliminating light gaps. Similar to the Evo STC Awning, the Evo Channel Awning ensures no screws or rivets are visible giving you a clean, smooth finish.



Evo Pivot Awning

Luxaflex Evo Pivot Arm Awnings project the fabric off the window, with the arms and fabric forming a canopy that allows air to flow behind the awning. This allows the window to be open whilst the awning is projected to provide sun/UV protection as well as light and heat control.

Luxaflex® EVO Awnings Headbox Options

Headbox and open roller options

As an alternative to the standard open roller, the Luxaflex EVO Awning range offers 2 designer headbox options which allows both increased protection to the fabric and mechanisms as well as a modern clean look.



Closed Headbox

The closed Headbox encapsulates the fabric from external elements such as rain, UV and debris. This assists in keeping the fabric clean and enhances longevity.



Open Headbox

The open headbox protects the fabric from external elements and allows more air to circulate inside thereby reducing heat build up. The open headbox is suited to front rolled applications.



Standard Open Roller

A cost effective option is the open roller system which offers a modern industrial look by exposing the operation componentry.

Luxaflex® Evo Awnings Bottom Rail Features and Options



Bottom Rail Weight Bar

The bottom rail has been designed with a weight of 1.2kg per metre effectively reducing bottom rail flex. With the option to increase the bottom rail weight to 2.2kg per metres, the Luxaflex Evo Awning Range keeps fabric taut and assists in minimising bottom rail “bounce” in windy conditions.



Locking Bolt & Hold Down Strap

With the ability to add locking bolts and hold down straps, the Luxaflex Evo Awning Range offers versatility for holding the fabric secure between the channels and minimising any bottom rail movement in windy situations. The locking bolt also allows the bottom rail to get close to the ground in order to minimise light gaps.



Insect Brush and Valance

With the ability to add the pile brush or a fabric valance to the bottom rail, the opportunity for light gaps, insects, debris, wind and rain are significantly reduced from entering your protected area. This applies only to Channel or STC styles.



Powdercoating & Colour Options

The Evo awning range is available in an extensive variety of colours to coordinate with any home including a wide range of the popular Colorbond® colours.

Luxaflex® Evo Awnings Linking System



The Luxaflex Evo Linking System allows up to three awnings to be linked together and controlled from one location.

Link up to three Evo Awnings in one headbox to a maximum of 5.5 metres or up to three awnings either in separate headboxes or in a separate open roller configuration to achieve the desired style and functionality. This makes motorisation even more affordable as you require one motor.

The linking system is available in Evo Straight Drop, Evo Side Tension Channel and Evo Channel Awnings.

Operating Options

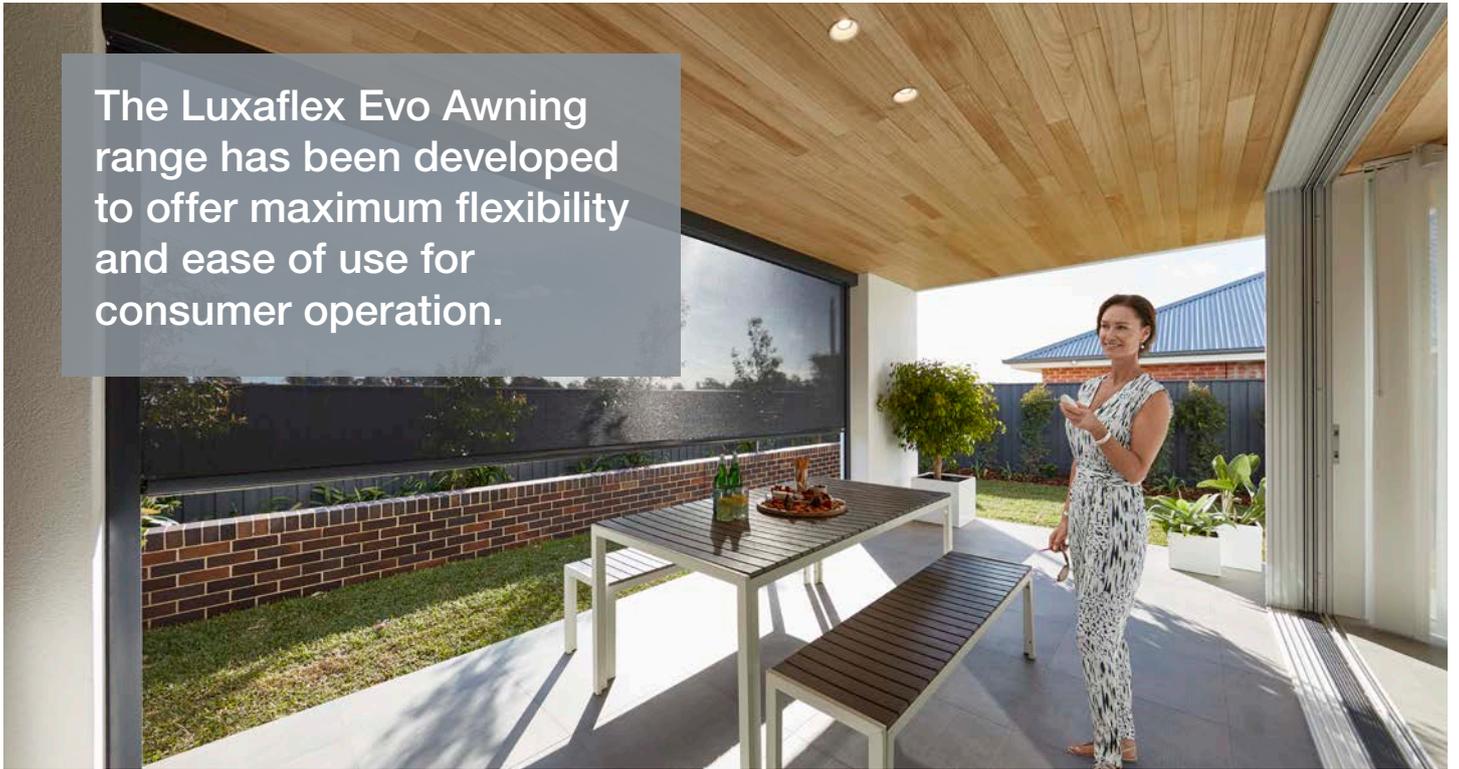
The linking system is available in two operating options, manual crank and motorisation. The manual crank option can be used for awnings up to 25m², where motorisation is recommended for awnings up to 32m².

Light Gaps

Options available for no light gaps between the awning or awnings can be separated up to 150mm, giving you the flexibility to link awnings on either side of a mullion or standard verandah post.

Luxaflex® Evo Awnings Operating Options

The Luxaflex Evo Awning range has been developed to offer maximum flexibility and ease of use for consumer operation.



Evo Awnings can be motorised for added convenience allowing the awning to be operated at a touch of a button or via wall switch control. Motorised awnings are ideal for hard to reach windows and for people who may have difficulty with manually operating an awning.

PowerView® Motorisation

With Luxaflex PowerView Motorisation, the clever design of the Evo range of awnings now becomes even smarter. You can precisely control your awning from a remote control or smart device; or allow our innovative system to automatically move your awning throughout the day, so you don't have to. PowerView Evo Awnings seamlessly integrate with the Luxaflex PowerView range of internal blinds allowing for a complete automation experience inside and outside your home.



Photon One Solar Motors

Power Luxaflex Evo Awnings via solar powered energy through cutting edge patented power management electronics with an integrated rechargeable battery receiver unit. Photon One Solar Motors eliminate the need for an electrician to install and can be controlled through remote control as well as the option to integrate into 3rd party automation systems.

Other Motorised Solutions

Luxaflex Window Fashions also partner with the largest and most trusted names in home automation including Merger® and Somfy® which are also available for the Evo Awnings range.



Manual Crank

The 9:1 ratio gear ensures easy operation that is not dependent on the user's strength.

Specifically designed for straight drop applications the 9:1 ratio gear can withstand high wind situations and is available in a selection of Black, Grey and White.

The Luxaflex® Difference



Innovation is our Heritage

Luxaflex Window Fashions has been a leading brand in Australian homes since 1954. With a Dutch heritage, design and innovation are at the core of the brand. Since the invention of the Aluminium Venetian Blind, the company behind the Luxaflex brand has continued to expand the Australian product range, combining the best of international and local innovations.



Australian Made Quality

Most of our product range is made to measure in Australia from components and materials made in our Australian factories or sourced from around the world. Our commitment to supporting Australian manufacturing provides local jobs to Australians and ensures we maintain strict control of our quality standards and faster lead times for our customers.



Industry Leading Designs

Many of our products are patented and exclusive to Luxaflex Window Fashions. Our entire range is engineered and thoroughly tested to meet the high quality standards of the brand, but also to deliver high performance in our harsh Australian environment, and to maintain the quality appearance for the life of the product.



Peace of Mind

You have complete peace of mind when investing in quality Luxaflex Window Fashions. We stand behind our products by offering a 5 Year Manufacturer's Warranty* supported by the world-wide market leading company.



Child Safety

We understand the importance of safety in the home, especially for those with young children and pets. That's why all Luxaflex Window Fashions are designed with safety in mind and are compliant with the latest ACCC Child Safety Regulations to ensure they can be operated in a safe manner.



Personalised Service

All Luxaflex Window Fashions are custom made to your exact window requirements so they fit perfectly. Our Luxaflex Window Fashions showrooms provide the ultimate experience to make it simple and easy - from your initial enquiry and showroom visit through to the after-sales service.

Luxaflex® Window Fashions

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*All LUXAFLEX® Products that are installed correctly will comply with the Trade Practices (Consumer Product Safety Standard

- Corded Internal Window Coverings) Amendment Regulations 2010 (No. 1). Colorbond is a registered Trade Mark of Bluescope Steel Limited,

Somfy is a registered Trade Mark of Smofy SAS 10/2018

