



# Alpha Awning Series

*Stylish, Robust & Energy Efficient*



*Engineered & independently  
tested to withstand the harsh  
Australian climate.*





Did you know? Alpha Awnings have cleverly designed tube reducers allowing fabric to roll smoothly reducing tracking and improving roll performance.

## What are Alpha Awnings?

**Designed in Australia, the Alpha Awning Series is a modern awning system suited to all exterior buildings.**

All 5 awning styles within the series use common hardware for a consistent appearance irrespective of which awning style you choose. Personalise the perfect awning to suit your external shading requirements in 5 easy steps.

Fixing components are available in durable zinc or 304 grade stainless steel ideal for coastal environments.



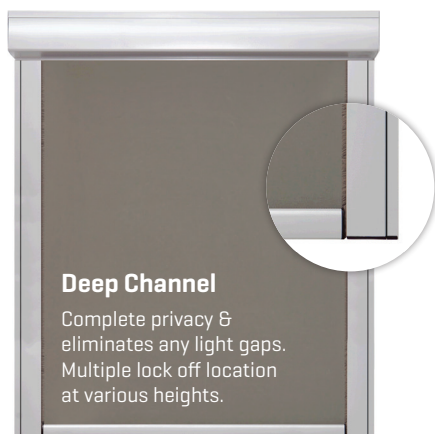
## STEP 1 Awning Style

Mix & match the awning styles whilst still maintaining a consistent appearance for your home.



### Straight Drop

Sleek & simple with a modern aesthetic.



### Deep Channel

Complete privacy & eliminates any light gaps. Multiple lock off location at various heights.



### Cable Guide

Industrial look allowing privacy & ventilation.



### Side Retention System

Ideal for windy areas. Encloses an outside area, with no gaps for dust & dirt to enter.



### Pivot Arm

Perfect for outward opening windows to circulate air flow & reduce direct sunlight into the home.

## STEP 2 Headbox Options



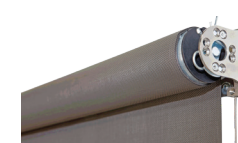
### Closed Headbox

Keeps the fabric clean from rain, UV & dirt enhancing longevity.



### Open Headbox

Increased air circulation around the roller minimising heat build up for PVC skins.



### Open Roller

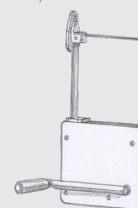
A cost effective option offering a modern industrial look.

## STEP 3 Operating Options

### Internal Cord Winch

Perfect solution to operate your awning when the weather is not ideal outside.

*Only available on 60mm tube.*



### Manual Crank

The geared crank ensures easy operation that is not dependent on your strength.

Available in:

- 9:1 ratio gear or 4:1 for smaller awnings.
- Black, grey or white colours and polished zinc in various lengths.



### Standard Spring Operation

Allows you to manually adjust the height of the awning & secure using either the sliding bolt system or hold down clip option.

### Light Lift

An innovative operating option allowing you to raise & lower the awning to any desired position by simply moving the bottom rail by hand. *See page 14 for more information.*

### Motorisation

Incorporating the best of technology & design, control your awning with a touch of a button. A range of premium & cost effective motorisation solutions are available. *See pages 19-22 for more information.*



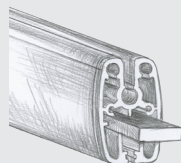
## STEP 4 Bottom Rail Accessories

The Alpha Awning Series Bottom Rail holds the fabric taut & minimises any movement in windy situations.

### Weight Bar

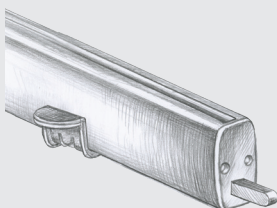
An additional weight bar can be inserted into the bottom rail for smaller awnings that require additional weight to reduce bottom rail bounce & increase fabric tension.

*An additional 1.2kgs can be added per metre.*



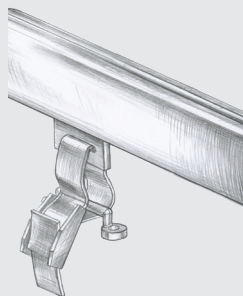
### Locking Bolt

Secures the awning into the side channel base, cable bracket or breeching staple. As the bolt is inserted inside the base rail, the system maintains its clean aesthetic, and allows the bottom rail to be positioned closer to the ground.



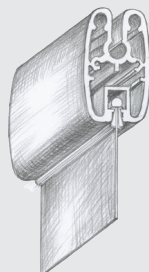
### Hold Down Strap

Hold down straps can be used to hold the awning down at various points across the width of the awning. Similar to the locking bolts, the hold down clips insert inside the bottom rail for a clean finish.



### Pile Brush & Valance

The floor surface is often not perfectly level. When an awning is installed over a wide width there will be room for light gaps, insects, debris, wind & rain to enter. A pile brush or a fabric valance can be inserted eliminating this gap.



The unique bottom rail is designed for functionality and quick installation.

## STEP 5 External Fabric

When selecting your fabric, keep the following in mind.

### Fibreglass Sunscreen

Featuring an inherently strong fibreglass core made with natural silica for superior fire retardance and reliable UV control.

Fibreglass external sunscreens offer exceptional performance with a high resistance to stretching, creasing or shrinking making them perfect for side retention system applications.

### Polyester Sunscreen

Made with a PVC polyester weave, these sunscreens provide solid UV control and are commonly available in a variety of openness factors.

### Air flow

If you are enclosing a verandah or patio, consider if you still want to have a nice cool breeze coming through, if so an open weave sunscreen is best.

### Privacy & view through

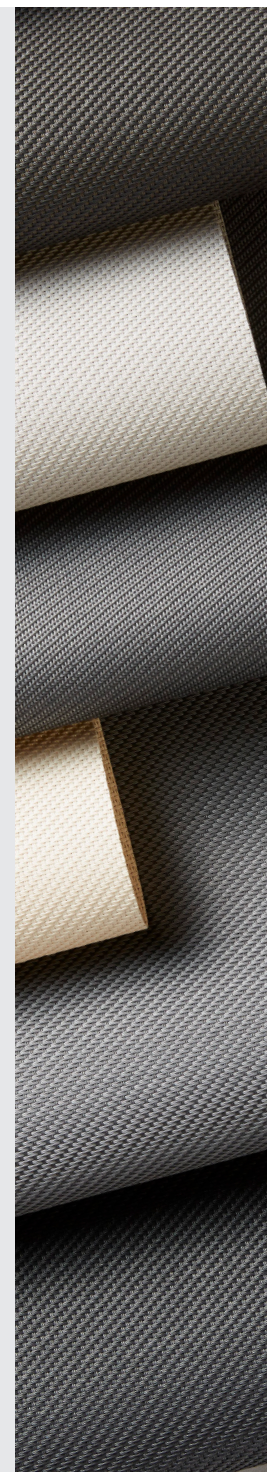
Consider if you want day or night time privacy. An open weave fabric in a dark colour gives fantastic view through in the day, but also allows others to see in at night.

### Durability

Duraguard® Fabric Protector effectively repels most stain causing agents with its proven, water based, preventative, formula. This fabric protection is totally invisible and has high levels of stain repellence. It makes cleaning and maintaining the fabric much easier.

### Colour fastness

Ensure the fabric you choose has excellent fade resistance to the sun. Any fabric with a fade resistance result of 6 & above will ensure your fabric remains the colour you selected for many years to come.





## Alpha Awning Straight Drop

**A traditional awning style that uses no guides making it ideal for sun/UV protection, air flow & where channels are not suitable.**

This is the entry level product for the Alpha Awning Series.

### Bottom Rail End Caps

Provide a neat, clean finish for the drop awning.



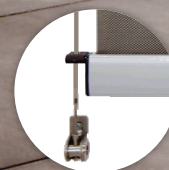
## Alpha Awning Cable Guide

**A great contemporary straight drop option for sun/UV protection, air flow & where channels are not suitable.**

The cables are high tensile 2.5mm 316 grade marine stainless steel, making them perfect for coastal applications.

### Bottom Rail End Caps

By floating in and out of the bottom rail the awning operates smoothly without putting pressure on the cable.





## Alpha Awning Pivot Arm

**This awning projects the fabric off the window, with the arms & fabric forming an arc that allows air to flow behind the awning.**

This system is a heavy duty contemporary design ideal for larger windows that can be opened whilst the awning is projected.

### Heavy Duty Pivot Arm

Provides excellent fabric tension, even with awning widths up to 5 metres.

The arms are a modern anodised finish complementing our standard Silver Pearl hardware.

### Front Rail

Designed to have the same curve as the Straight Drop bottom rail allowing flexibility to mix & match the awnings throughout your home maintaining a design consistency.

### Sliding Arm

An optional sliding arm set facilitates changing the pivot point of the Awning by simply moving the arms up or down the sliding rails. This allows the awning to operate like a normal Pivot Arm in the down position, and in the raised position it allows head clearance over doorways providing a canopy effect.

## Alpha Awning Side Retention System (SRS)

**A straight drop  
option ideal for  
sun/UV protection,  
insect resistance,  
windy applications,  
enclosing a balcony  
and creating privacy.**

The fabric is tensioned by utilising a floating channel, located within the special two piece side channel, eliminating the possibility of fabric "blow outs" or light gaps.

The sleek side channels and floating guide ensures the awning remains in the desired position in windy environments.

### Light Lift Operating Option with SRS

Allows you to raise & lower the awning to any desired position by simply moving the bottom rail by hand.

The internal smooth spring mechanism provides lightweight & effortless operation without resistance.

**Width Max: 5.0m - Width Min 1.1m**

**Drop Max: 3m (at max width 4.25m) - Max 12.75sqm\***

*\*Maximum square metres will vary depending on the measured width and drop.*



## Alpha Awning Deep Channel

**A great straight drop option for sun/UV protection, windy applications, plus privacy & block out situations.**

Allows up to 30mm of fabric within the channel, therefore eliminating light gaps & reducing the potential for fabric "blow outs" in windy conditions.

*The side channels incorporate a brush insert down the length to assist in retaining fabric within the channel and minimising noise from movement.*

A universal installation channel ensures no visible screws or rivets on the finished product.

*The channel comes with a spacer that is added to the main installation channel to increase the amount of fabric concealed within the channel.*

*The front channel simply snaps over the installation channel to provide a neat, clean finish. The front channel can be disconnected if required to access the fabric.*



**Under European Standard 'EN 13561 External blinds – Performance requirements including safety', the above Folding Arm Awning model(s) will meet wind ratings of up to Class 2 – wind speed of up to 29-38km/hr [equivalent to 5 on Beaufort scale] – depending on model no. and size.**

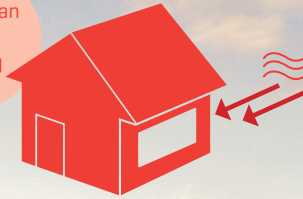
NOTE: These results will only be achieved provided the awning is built and installed with Turnils components according to the Manufacturer's specifications [as stated in the component book] and with a fabric according to the above standard.

It is recommended that all awnings be retracted during wet or windy conditions.

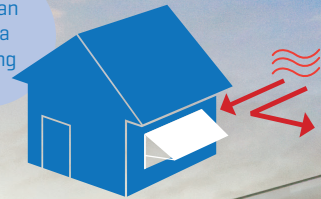
Refer to our manufacturer's guide for full limitations, width, projection and wind rating information.

Perth 48%  
Adelaide 35%  
Melbourne 13%  
Canberra 35%  
Sydney 44%  
Coffs Harbour 60%  
Brisbane 58%  
Rockhampton 48%  
Cairns 47%  
Darwin 34%

Without an Alpha Awning



With an Alpha Awning



*Reflects Heat  
Keeps Interiors cool  
Reduces Energy Costs*

\*Results based on a single storey, brick veneer home on a concrete slab using ducted air-conditioning and equally distributed windows with Alpha Awnings installed with Canvas fabric. Based on independent modelling conducted by White Box Technologies in conjunction with Peter Lyons & Associates June 2013.



# Alpha Awning Merger<sup>®</sup> Motorisation

## MR50 Awning motor

A 240 volt AC REMOTE CONTROL motor used for single or linked Awnings.

*Operated by a Universal 1, 4 or 8 channel remote control with the option of a Timer Remote Control. Control both internal and external shading products from a single remote control*

## MS50 Awning motor

A 240 volt AC SWITCH MOTOR used for single or linked awnings.

*The motor is designed to be controlled from a 240V switch or from automation systems with 240 volt blind control modules.*

4 Channel Timer Remote  
Offers 8 programmable timed events.



1, 4 or 8 Channel Remote Control



NEO Smart Home Automation



Home  
Automation  
Hub

## Weather & Dust Resistant

Fitted with a weather and dust resistant IP68 external in-line connector to ensure a high level of protection against water and foreign particles.

## Fully Tensioned Motor

Features automatic tensioning that permits the awning to be locked into position using hold down straps or locking bolts, with the motor able to be retracted to tension the fabric. This tension minimises fabric "blow outs" traditionally caused by unexpected high winds.

## Wireless Solar Powered Wind & Sun Sensor Option



Operates the awning based on light level, by either raising or lowering the awning depending on the amount of sunlight. The wind sensor retracts an awning in overly windy conditions to avoid any unnecessary strain to the awning.

NEO  
Smart Blinds

Download on the  
App Store

GET IT ON  
Google Play

## Clever & Convenient

- Create up to 25 custom schedules & scenes with easy onetouch app control.
- Operate from your smart phone from any location in the world.
- Partners with **Amazon Alexa<sup>®</sup>** & **Control4<sup>®</sup>** for an integrated home automation solution.
- Wi-Fi enabled.

## Compatible

- Controls all Merger<sup>®</sup> remote motors including internal roller blinds & external awnings.
- One Neo Smart device supports 8 blinds per room, with a maximum of 30 rooms totalling 240 motors.

## 3 Simple Steps:

1. Plug in the Neo Smart device.
2. Download app 'Neo Smart Blinds' & create an account.
3. Pair the device then connect & operate the entire Remote Merger<sup>®</sup> Motor range from any location.

*Full setup details available with device.*

# Alpha Awning Merger Solar Motorisation

**Incorporating the  
best of technology &  
design, control your  
awning with a touch  
of a button.**

Completely solar powered with no hardwiring electricity required for motor operation, eliminating the need for a certified electrician.

Simple & easy to install saving you money & reducing energy costs. Compatible with Neo Smart for home automation.

## 4 Channel Timer Remote

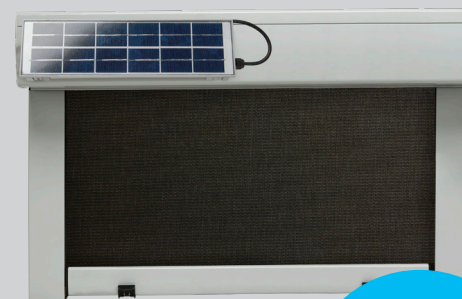
Offers 8 programmable timed events.



## 1, 4 or 8 Channel Remote Control



## NEO Smart Home Automation



Featuring LED lights sequence highlighting if the battery has dropped below 30% and more sunlight is required.

## Flexible Mounting Options

The angled bracket facilitates multiple mounting positions such as:

- Front of head-box
- Home fascia or gutter
- Remote mounting

For awnings positioned out of direct sunlight, a 3 metre power extension cable is included.

5 metre power extension cables are available separately.

## Battery Heat Protection

Engineered with a heat shield enclosure to protect the in-built battery from extreme exposure to the sun ensuring its durability for years to come.

## Fabric Tensioning Back-Off

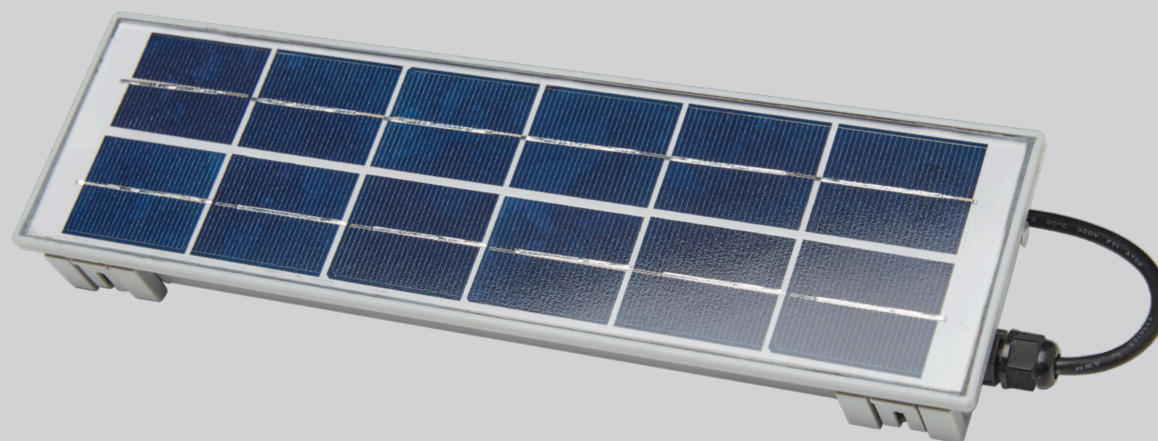
Includes an advanced 'fabric tensioning' feature which allows for lock-down bolts or straps to be applied and the awning to be operated without causing damage to the awning.

## Serviceable Solar Battery

Also featuring electronic limits, allowing for no interaction with the head of the motor when programming or servicing the awning. For this to occur the battery units should be accessible.

## Integrated Panel

The all-in-one unit integrates a solar panel and battery with bracket to capture maximum solar energy with minimal obtrusion.



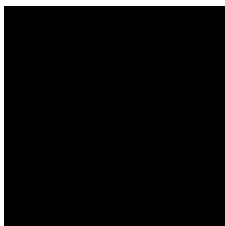
Featuring a sealed design with panel mounted interface components, battery receiver, buttons and cable guide. All are IP65 water and dust protected.



## Alpha Awnings Hardware Colour Range

The Alpha  
Awning Series  
is available  
in 7 factory  
finish colours.  
*Mill finish is  
available for  
custom powder  
coating.*

6 colours  
are inspired  
by popular  
COLORBOND®  
colours.



**Mombasa**

*Inspired by: Night Sky®*



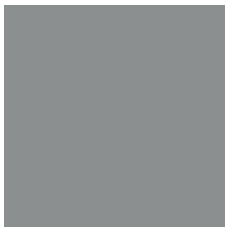
**Nocturnal**

*Inspired by: Monument®*



**Thundercloud**

*Inspired by: Woodland Grey®*



**Silver Pearl**

*Inspired by: Citi Pearl®*



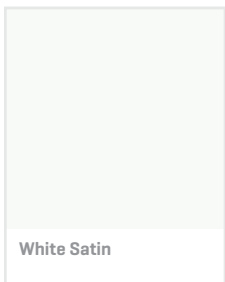
**Chardonnay**

*Inspired by: Paper Bark®*



**Yalumba**

*Inspired by: Classic Cream™*



**White Satin**

## Why Wait?

Speak with your Alpha Retailer to help design your Alpha Awning, built in Australia and fully installed by a trained professional.

For more information please contact your Alpha Retailer or visit us online at [turnils.com.au](https://turnils.com.au)

[turnils.com.au](https://turnils.com.au)

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Despite the Alpha M MagnaTrack Awning's performance in high wind loads, it is recommended that all awnings be retracted during wet or high wind conditions.



For more information contact us on:  
[hdcustservice@hunterdouglas.com.au](mailto:hdcustservice@hunterdouglas.com.au)