

UK MANUFACTURERS OF INNOVATIVE EXTERIOR BLINDS

FULL PRODUCT CATALOGUE

⁶⁶ The advice and guidance was great with plenty of options and most importantly no dull sales pitches with inflated prices and 'special' discounts.⁹⁹



The finest external blinds, patio awnings and the award winning Outdoor Living Pod



PATIO AWNINGS

Providing a stylish roof over your terrace, our retractable patio awnings keep you, your family and friends cool in the sun, protected from harmful UV rays and bright light, along with providing much needed shelter from those occasional rain showers, whilst adding an eye catching striking new dimension to the façade.

P. 8 - 17



OUTDOOR LIVING POD

Sun, wind, rain or even snow, our opening and closing louvered roof pergola canopy complete with optional integrated screens to the sides provides protection whatever the weather, turning your terrace into an extension of your property, an alfresco outdoor - indoor living space that can truly be used all year round.

P. 18 - 25

lousered roof pergola canopy, direct from the UK's leading manufacturer and installer





EXTERNAL BLINDS

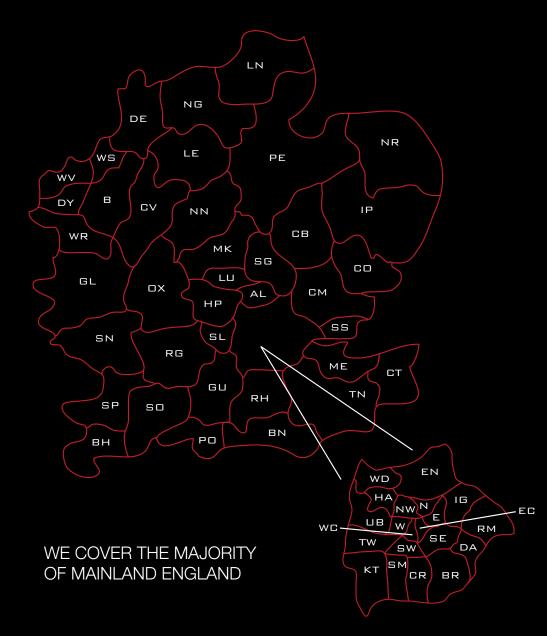
Creating a physical barrier in front of and stopping the suns energy even striking the glazing, our external roller blinds and roof blinds are the most effective way to prevent excessive solar heat gain, along with diffusing incoming light to eliminate glare, all whilst keeping the view and connection out. External blinds can **block upto 96% of the suns incoming solar heat rays**, which in turn can **reduce interior room temperatures by more than 10 degrees centigrade** on even the hottest of summer days and cut the energy consumption otherwise needed to cool down a hot room by more than 80%.

P. 26 - 35

THE UK OUTDOOR LIVING & SOLAR SHADING EXPERTS

THE DIFFERENCE OF DEALING DIRECT WITH THE MANUFACTURER

WE LOVE WHAT WE DO AND IT SHOWS IN THE WAY WE HANDLE EVERY PROJECT



An independent, family run business, established in 1987, dedicated 100% purely to the field of exterior solar shading.

Day in, day out our external blinds, patio awnings and louvered roof pergola canopies show their reliability and efficiency on the façades and in the gardens of all types of properties.

Designed specifically for the UK climate our products combine streamline looks and cutting edge design, with optimum function and performance, coupled with strength and durability, to ensure they will withstand everything that is thrown at them. Quite simply our **exterior solar shading solutions are superior in every respect.**

All systems are **proudly manufactured right here in the UK, at our production facilities** in Suffolk, by highly skilled technicians and state of the art machinery to ensure they meet exacting standards and are the very pinnacle of precision. Installation is then expertly carried out by our own trained installation teams using the strongest attachment methods to guarantee the safest fixing.

For complete peace of mind all our exterior solar shading solutions are **certified to stringent European quality and safety standards** and come backed with an industry leading **fully comprehensive guarantee** covering both parts and labour.

EXPERT ADVICE

We carry out a **fully comprehensive free site survey and consultation**, to discuss and ascertain your requirements and the best exterior shading system to meet your needs and budget, along with explaining in detail the full benefits and options available. **We show you physical samples of the proposed shading system**, materials and controls so you can see exactly what is being offered and quoted for, along with running through the entire process and installation details with you so you know what to expect.

OUR EXTERNAL RETRACTABLE BLINDS OFFER PROTECTION FROM THE ELEMENTS TO THE ALFRESCO DINERS AT PING PONGS FLAGSHIP LONDON RESTAURANT IN TRENDY SOUTHBANK



CUBA PATIO AWNING

KEY FEATURES





The unique modern rectangular design along with the streamline dimensions of our full cassette patio awnings makes them pleasing to the eye, finished in a **choice of over 200 RAL metalwork colours as standard**. Small details such as colour coded fixing screws and **concealed fixing brackets**, along with a hidden fabric barrel make all the difference, providing the perfect finishing touches that truly set our patio awnings apart.

Call: 0844 800 1947



SUPERSTRONG CONSTRUCTION

Featuring extruded aluminium for the framework which is both corrosion resistant and polyester powdercoated and stainless steel for the components, along with pressure die cast / drop forged joints on our folding arms for exceptional strength, all built round a substantial full width aluminium back, our patio awnings are extremely durable, engineered to withstand everything the British weather throws at them and built to last a lifetime.



SPRING TENSIONED FOLDING ARMS

Featuring 4no. 4mm diameter tear resistant stainless steel cables which tension two heavy duty double coiled springs, the superior construction of the retractable folding arms on our patio awnings ensures the **fabric stays crisp and taut at every position**.

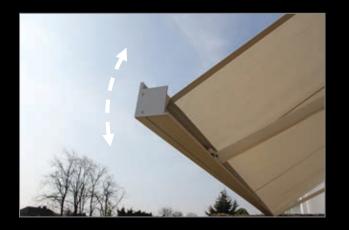
Furthermore each tensioning cable is encapsulated in a pvc sheath, making the arm elbow joint visually pleasing should you use the patio awning part way open. And as a final finishing touch, when the folding arms on our patio awnings are fully extended the **cables are completely hidden** behind the clever colour coded aluminium arm elbow cover cap.



CUBA RETRACTABLE FOLDING ARM PATIO AWNING

CUBA PATIO AWNING

KEY FEATURES



VARIABLE PITCH

An adjustable angle from as little as 5 degrees upto a maximum of 38 degrees ensures our patio awnings can be set to the required slope irrespective of where they are mounted on the façade.

If you are using a patio awning for light rain shower shelter as well as to provide optimum sun shade and UV protection, a minimum 14 degree slope is required for rain water run off (to prevent water pooling on the fabric).

As an additional benefit, at this pitch (or greater), as the rain runs down the fabric, the material is cleaned at the same time.

Call: 0844 800 1947



EFFORTLESS OPERATION

Fitted with an integral radio controlled tubular motor as standard, our patio awnings are **effortlessly opened and closed at the touch of a button** on a stylish hand held or wall mounted wirefree transmitter, that has a range of over 200m in open space or 20m through two reinforced concrete walls. Furthermore a **wind protection sensor built into the leadrail** ensures our patio awnings automatically retract themselves when wind levels pick up.

For complete hands free operation our patio awnings can be equipped with a clever light sensor that automatically extends and retracts them based on the pre-set light threshold.



LOW MAINTENANCE

Retracting back into a **flush fitting full cassette casing** the fabric and folding arms on our patio awnings are protected from all types of inclement weather, extending their lifespan and minimising maintenance.

Self lubricating joints including the rotation pins in the folding arms provide a squeak free operation whilst the motor is contained within the rollertube (that the fabric is wrapped around) to protect it from adverse conditions.

Other than the occasional hose down **our patio awnings look after themselves**, with any stubborn marks easily cleaned off with a soft cloth or sponge and warm soapy water.



exclusive AWNING FABRICS

WOVEN WITH THE UNIQUE CBA FIBRE AND TREATED WITH A NANO TECHNOLOGY SELF CLEAN EFFECT COATING

Acrylic yarns have and continue to be the fibre of choice for creating quality awning fabrics, as they offer excellent dimensional stability and the **colours stay true and brilliant for years**, all features that cannot be matched by even the most advanced polyester or pvc coated fabrics.

Our fabrics use the **exclusive CBA fibre** which stands for **C**LEAN **B**RILLIANT **A**CRYLIC and summarises the unique features that make our fabrics best in their class. The CBA fibre builds on the advantages of traditional acrylic. Using a special and exclusive process, the 'fluff' from the acrylic yarn is eliminated to provide an incredibly smooth fibre that boasts many additional benefits.

A SAMPLE OF THE SIMPLY STUNNING FABRIC DESIGNS

(All fabrics can be viewed online)



COLOURS THAT SHINE

The cleaned up, hair free acrylic yarn provides intense, vibrant colours, colours that when under sunlight give off a sensational sheen providing a harmonious appearance to the fabric surface. Never before have awning fabric colours looked so good - clean, crisp & sharp.

VISUALLY PLEASING

The smooth fibre allows a much tighter fabric weave which results in less light dimpling when the sun shines on the material. Additionally the material remains flatter where the fabric is joined (seams) and on the reinforcing strips to the outer edges (hems), meaning virtually no rippling, even when the fabric is under tension - a beautiful appearance guaranteed.

SUN SAFE

Rigorously tested, our fabrics are certified under the UV standard 801, filtering a minimum of 95% of the suns incoming damaging UV rays, offering a UV protection factor (increase in natural exposure of human skin to direct sunlight) upto 80+, more than 4 times what is recommended by the Cancer Research UK Sunsmart Campaign.

DIRT & WATER DOESN'T STAND A CHANCE

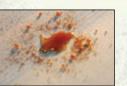
Treated with the unique TEXgard easy clean coating, the super smooth, flat fabric surface has a structure similar to the microstructure found on a lotus leaf. This prevents dirt and water from clinging to the fabric surface, generating a **self cleaning effect**. Loose dirt will still accumulate on the surface but when it rains (or the fabric is sprayed with water) the dirt simply runs off, leaving a clean dry fabric.

Email: info@cbsolarshading.co.uk





Loose dirt on fabric



Water starts to absorb the dirt



Water runs off the fabric taking the dirt with it



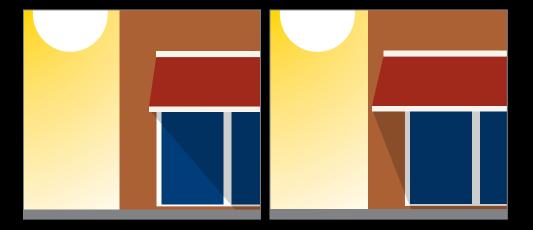
A clean, dry fabric is left

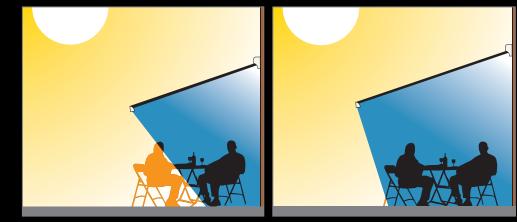
Upto 50% less dirt adheres to our awning fabrics in comparison to conventional acrylic fabrics

CUBA RETRACTABLE FOLDING ARM PATIO AWNING

CUBA PATIO AWNING

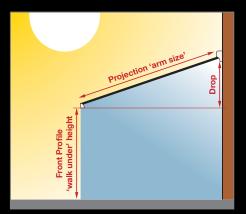
SIZING & POSITIONING





WIDTH

This should ideally be an absolute minimum of 50cm wider each side of the doors it is going over. So for a 4m wide set of bi-fold doors, the minimum patio awning width should ideally be 5m. This will help to ensure as the sun moves around the property, shading is offered under some of the patio awning as well as to the adjoining internal room.



MOUNTING HEIGHT / PITCH

Whilst patio awnings are designed for use as a sun protection product, providing they have a pitch of 14° or greater, as set out in European standard EN13561, they can be used for light rain shower protection too. The chart to the right provides information on the drop of a patio awning, over the various projections, based on an angle of 14°. To calculate the ideal mounting position of a patio awning on your façade, take the required front profile (leadrail) walk under height and add the drop of the patio awning based on the chosen projection.

PROJECTION (arm size)

If the patio awning is going to be used to create an outdoor dining / entertaining area, ideally the projection should be 3m or greater to help ensure everyone sitting around a good sized table remains protected. For internal shading, a smaller projection will be adequate.

PROJECTION	DROP
1.50m	38cm
2.00m	50cm
2.50m	63cm
3.00m	75cm
3.50m	88cm
3.75m	94cm



CUBA RETRACTABLE FOLDING ARM PATIO AWNING

CUBA PATIO AWNING

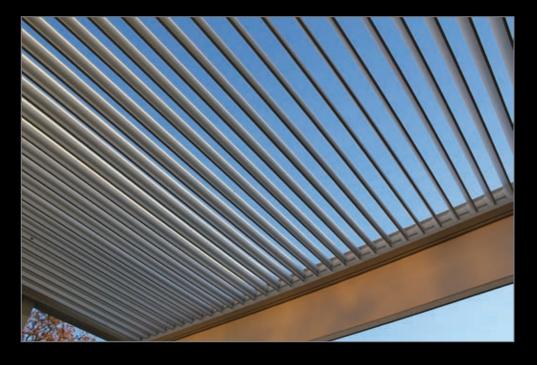
TECHNICAL DATA

	STD VERSION	XL VERSION	
PARAMETERS			
Width:	2.05m - 14.00m (coupled over 7.00m)	4.00m - 13.00m (coupled over 7.00m)	
Projections:	1.5m, 2.0m, 2.5m, 3.0m	3.5m, 3.75m	
Fabric Width:	160mm less than o/a awning width	160mm less than o/a awning width	
CASSETTE			
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	
Dimensions:	220mm high x 147mm deep	220mm high x 147mm deep	
FOLDING ARMS			
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	
Dimensions:	71mm high x 32.5mm wide	73mm high x 34.5mm wide	
Wall Thickness:	2.5mm	3mm	
Joints:	pressure die cast	drop forged	
Tensioning System:	quadruple tear resistant sheathed stainless steel (4mm diameter) cables > twin heavy duty double coiled springs		
FRONT PROFILE			
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	
Dimensions:	103mm high x 97mm deep	103mm high x 97mm deep	
ROLLERTUBE			
Material:	galvanised steel	galvanised steel	
Dimensions:	78mm	78mm	
Wall Thickness:	1.25mm	1.25mm	
DURABILITY			
Wind Resistance:	beaufort 6 - strong breeze, large branches in motion, whistling heard in overhead wires, umbrella use becomes difficult, plastic bins tip over		



CUBA RETRACTABLE FOLDING ARM PATIO AWNING

award winning OUTDOOR LIVING POD KEY FEATURES





PRECISE SUN CONTROL & VENTILATION

The sleek aluminium roof louvers rotate through 150 degrees, stopping at any position to provide **precise sun control and ventilation**; keeping you cool no matter how intense the suns heat, cutting out unwanted glare and providing protection against harmful UV rays.

With the roof louvers tilted at 10 degrees, protection is still offered from downwards rain whilst also allowing ventilation from heat build up underneath, ensuring your Summer BBQ can always go on, even if the weather turns wet and miserable.

As a further benefit with the roof louvers rotated to their maximum (150 degrees) you can easily clean the top of the roof from underneath the structure.

WATERPROOF WHEN CLOSED

When closed, the perfectly aligned smooth roof, which features integrated rubber seals, locks together and is **100% water tight**. The louvers, which have a slight slope (concealed within the height of the cross beams), ensure water runs off into the internal guttering system built within the structure cross beams, with water evacuating out the bottom of the selected post uprights.

Additionally the top of roof louvers are designed with a trough so that any residual surface water remaining on top, when the roof louvers are opened, runs into the trough and off into the guttering system, rather than dripping onto the terrace below.



The quality of the Outdoor Living Pod is excellent and it genuinely enables year round use of our outside space. It's definitely a very cool addition to the house and garden. **??**

OUTDOOR LIVING POD LOUVERED ROOF PERGOLA CANOPY

award winning OUTDOOR LIVING POD



INTEGRATED SCREENS (deluxe version only)

Available on any (or all) sides of the structure, **neatly concealed within the cross beams**, motorised screens in a hard wearing mesh material lower at the touch of a button to provide additional sun protection from low level sunlight, along with privacy from prying eyes.

Thanks to the unique locking mechanism, that physically holds the fabric within the side channels connected to the main post uprights, the fabric is rendered windproof, so as an additional benefit the screen provides protection from driving wind and rain, whilst also as an added advantage acting as an insect screen too.

The unique mesh fabric utilised on the screens enables a good level of view through, however, where full 2 way vision is required a clearview panel can be inserted across the width of the material.



AMBIENT LIGHTING & HEATING

Enjoy using your Outdoor Living Pod comfortably, irrespective of how dark or cold it gets with the addition of our optional lighting and heating units.

Fitted within 1, 2 or 3 of the roof louvers, our stylish **LED light strips give off a sensational cool white glow**, lighting up the terrace beneath when the evening draws in, whilst our low glare, infra-red radiant heaters mounted to the structure cross beams, which heat people and objects, not the air in-between, provide **instant warmth when the temperature drops**.

Just like the optional integrated screens, our lighting and heating systems are conveniently operated at the touch of a button from the same transmitter that operates the main roof louvers.



The Outdoor Living Pod is an outstanding product that has transformed our patio and lives. We love being able to have meals in it, even when the weather is inclement. **??**

OUTDOOR LIVING POD LOUVERED ROOF PERGOLA CANOPY

award winning OUTDOOR LIVING POD

DESIGN FEATURES



Integrated ground anchors / base plates within the post uprights provide an invisible fixing down to the ground surface



The motors that drive the roof louvers and optional screens (*deluxe version only*) are concealed out of view inside the structure



Water evacuation is through a guttering system neatly contained within the structure framework



Multiple structures can be coupled together *(deluxe version only)* to cover terraces of all sizes

Call: 0844 800 1947



Additional uprights can be inserted into any side of the structure (*deluxe version only*) to create dedicated entrance points into / out of the structure



Bespoke infill panels can be designed to fill awkward voids (such as a staggered property line) and provide a seamless integration of the structure to the façade



OUTDOOR LIVING POD LOUVERED ROOF PERGOLA CANOPY

award winning OUTDOOR LIVING POD



STRUCTURE AVAILABLE IN A CHOICE OF OVER 200 RAL COLOURS AS STANDARD

TECHNICAL DATA

	STD VERSION (not available with integrated screens)	DELUXE VERSION		
PARAMETERS				
Width:	upto 5.95m (in 7cm increments)	upto 7.00m (in 7cm increments)		
Depth:	upto 4.00m	upto 4.20m		
Height:	upto 3.00m	upto 3.00m		
ROOF LOUVERS				
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium		
Dimensions:	230.5mm wide x 43mm high	230.5mm wide x 43mm high		
CROSS BEAMS				
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium		
Dimensions:	210mm high x 110mm wide inc alu gutter	210mm high x 230mm wide inc alu gutter		
POSTS				
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium		
Dimensions:	120mm square	120mm square		
DURABILITY				
Roof Wind Resistance:	beaufort 10 - whole gale, trees are broken off or uprooted, structural damage likely			
Roof Snow Load:	upto 70kg/m ² (with some deflection, not waterproof)			
Optional Screens Wind Resistance:	not available	beaufort 6 - strong breeze		



A 16 channel remote control, featuring an LCD screen that details the item being operated, allows you to operate each part of the Outdoor Living Pod configuration (ie roof, lights, front screen etc) individually or together as a group (ie all screens). Furthermore, you can operate other items within your garden on the same transmitter, such as garden lighting or water features, with the simple connection of a clever in-line receiver to them.

Email: info@cbsolarshading.co.uk



OUTDOOR LIVING POD LOUVERED ROOF PERGOLA CANOPY

SAY GOODBYE TO UNWANTED SOLAR HEAT GAIN & GLARE

EXTERNAL BLINDS = NATURAL AIR CONDITIONING

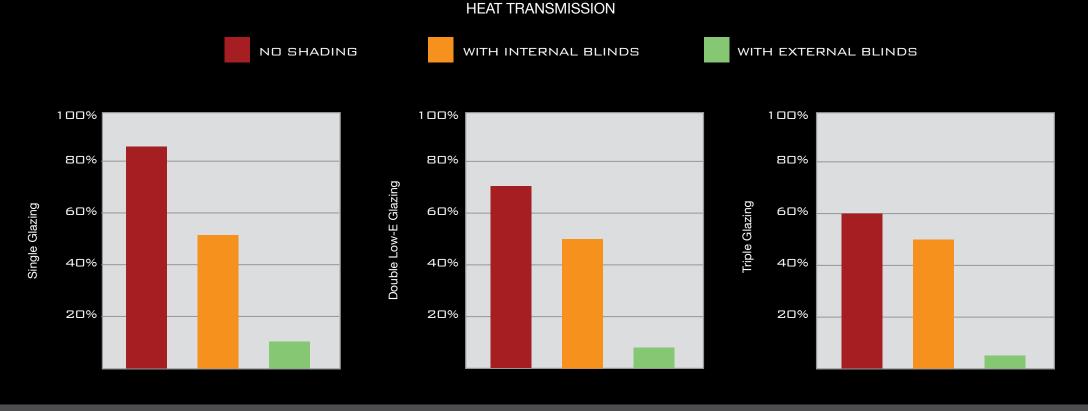
(For more information view our online video & Shading Guide)

Creating a physical barrier in front of and stopping the suns energy even striking the glazing, our external blinds **block upto 96% of the incoming shortwave (near infra-red) radiation** as the majority of the suns energy is either reflected, in the case of lighter colour blind fabrics (hence why cricketers wear white) or absorbed by the material (darker colours).

By stopping shortwave radiation even reaching the glazing, our external blinds block excessive (unwanted) solar heat gain, **preventing a room from overheating**.

Tests show that external blinds can **reduce interior room temperatures by more than 10 degrees centigrade** on even the hottest of summer days, which in turn can cut the energy consumption otherwise needed to cool down a hot room by over 80% - **natural air conditioning guaranteed!**

Furthermore the solar control perforated mesh materials utilised on our external roller blinds and roof blinds still admits diffused daylight through, allowing a space to flood with natural 'glare free' light and the view & connection to be kept out.

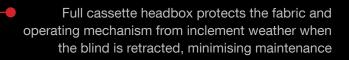


OUR EXTERNAL ROLLER BLINDS FEATURED ON TOP ARCHITECT PRACTICE AHMM'S BREEAM OUTSTANDING RATED LONDON OFFICES



ANTIGUAN EXTERNAL ROLLER BLIND

KEY FEATURES



Slim side guides which the leadrail runs within to ensure the blind operates smoothly and runs square, contains a unique fabric locking mechanism which physically seals the material in the side guides at every position, rendering the blind windproof (upto Beaufort 6), preventing any annoying strips of light shining through and as an additional benefit acting as an insect screen

• Weighted leadrail ensures the fabric stays taut at every position



my

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- Effortless touch of a button operation from either a handheld or wall mounted transmitter that operates the motor contained inside the cassette
- An optional light and wind sensor can be added for automatic operation of our blinds, lowering them when a set light level is reached and retracting them when strong winds pose a danger
- Hardware (metalwork) is available in a choice of over 200 RAL colours as standard
- Choose from an extensive range of dimout and blackout fabrics to provide the right balance between solar heat regulation, light control and view through (Fabrics can be viewed online)





Email: info@cbsolarshading.co.uk

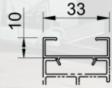
⁶⁶ The blinds you have installed are incredible and have made our house habitable in the sun. We can't understand how we ever managed to live without them. **99**

ANTIGUAN EXTERNAL ROLLER BLIND

TECHNICAL DATA

	85S VERSION	110S VERSION	135S VERSION	
PARAMETERS				
Width:	0.76m - 3.60m	0.76m - 4.00m	0.76m - 6.00m	
Height:	0.50m - 1.80m	0.50m - 3.50m	0.50m - 6.00m	
Max Surface Area:	6.48m ²	14.00m ²	18.00m ²	
Fabric Width:	72mm	n less than overall blind width (locked into side g	uides)	
HEADBOX				
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	
Dimensions:	85mm square	110mm square	135mm square	
SIDE GUIDES				
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	
Dimensions:	36mm wide x 42mm deep	36mm wide x 42mm deep	36mm wide x 42mm deep	
LEADRAIL				
Material:	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	corrosion resistant, extruded aluminium	
Dimensions:	42mm high x 28mm deep	42mm high x 28mm deep	48mm high x 38mm deep	
Weight:	4kg/m	4kg/m	4kg/m	
ROLLERTUBE				
Material:	galvanised steel	galvanised steel	galvanised steel	
Diameter:	63mm	78mm	100mm	
Wall Thickness:	1.25mm	1.25mm	1.25mm	
DURABILITY				
Wind Resistance:	Wind Resistance: beaufort 6 - strong breeze, large branches in motion, whistling heard in overhead wires, umbrella use becomes difficult, plastic bins tip over			





A smart full height side guide spacer profile allows you to increase the depth (in 10mm increments) of the side guide and subsequently how far the blind sits away from the glazing to overcome protrusions such as door handles / window vents along with allowing where required windows / doors to partially open for ventilation with the blind down

ANTIGUAN EXTERNAL ROLLER BLIND

CAYMAN EXTERNAL ROOF BLIND

KEY FEATURES

Full cassette headbox protects the fabric and operating mechanism from inclement weather when the blind is retracted, minimising maintenance

Streamline side channels which conceal the
 dyneema tensioning cables, guide the leadrail to ensure the blind operates smoothly and runs square

Heavy duty double coiled spring contained within the leadrail attached to the hi-tensile dyneema cables running within the side channels ensures the fabric stays taut at every position and at any angle

- Effortless touch of a button operation from either a handheld or wall mounted transmitter that operates the motor contained inside the cassette
- An optional light and wind sensor can be added for automatic operation of our blinds, extending them when a set light level is reached and retracting them when strong winds pose a danger



- Hardware (metalwork) available in a choice of over 200 RAL colours as standard
- Choose from an extensive range of dimout and blockout fabrics to provide the right balance between solar heat regulation, light control and view through (Fabrics can be viewed online)









CAYMAN EXTERNAL ROOF BLIND

CAYMAN EXTERNAL ROOF BLIND

TECHNICAL DATA

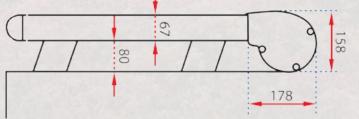
PARAMETERS		FI
Width:	1.71m - 5.00m	
Depth:	0.50m - 6.00m (blind stops 50mm from end of channels)	
Max Surface Area:	18m ²	
Fabric Width:	150mm less than o/a blind width	
HEADBOX		
Material:	corrosion resistant, extruded aluminium	
Dimensions:	158mm high x 178mm deep	STANDARD F
SIDE CHANNELS		
Material:	corrosion resistant, extruded aluminium	L.
Dimensions:	67mm high x 80mm wide	
LEADRAIL		م ا م
Material:	corrosion resistant, extruded aluminium	1
Dimensions:	50mm high x 105mm deep	
ROLLERTUBE		VARIABLE HEIGHT F
Material:	galvanised steel	
Diameter:	85mm	
Wall Thickness:	1.25mm	
TENSIONING SYSTEM		
Dyneema Cable:	4mm diameter	
Double Coiled Spring:	21.3mm diameter	5
DURABILITY		
Wind Resistance:	beaufort 5 - fresh breeze, branches of a moderate size move, small trees sway	

FIXING BRACKETS



Visit: www.cbsolarshading.co.uk





A minimum ventilation gap of 80mm between the underside of the fabric and top of the glazing ensures any heat build up (warm air) between the two is simply flushed away from air passing through

CAYMAN EXTERNAL ROOF BLIND



UK MANUFACTURERS OF INNOVATIVE EXTERIOR BLINDS

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