

Professional awning manufacturer



CATALOG

RETRACTABLE AWNING



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Focused on outdoor sunshade products since 2010

Offering comprehensive services including design, customization, production, after-sales service, etc.

Product Range

ABOUT US

HEBEI CHARLOTTE ENTERPRISE CO.,LTD.

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Founded as a national high-tech enterprise, Hebei Charlotte Enterprise Co., Ltd. is a comprehensive player integrating R&D, production and sales. With a total investment of RMB 180 million and a registered capital of RMB 50 million, the company boasts a modern ecological production base covering 57,000 square meters and employs over 300 professionals. We deeply engage in aluminum-plastic doors and windows, mosquito-proof screens, shading systems, and photovoltaic bracket accessories, providing one-stop high end building material solutions for global clients.

Guided by market demands and driven by technological innovation, we adhere to the business philosophy of "Integrity-Based, Quality-First, Safety-Oriented" and fulfill our mission of "Creating Long-Term Value for Customers" through premium services. As a tech-based SME, we have established long-term strategic cooperation with top 100 global building material retailers and industry leaders, earning customer trust worldwide with stringent quality standards.

Currently, we serve as a core supplier to numerous listed enterprises including JA Solar and Yingli Solar. Our products are exported to dozens of countries and regions across Europe, the Americas, Oceania, the Middle East and beyond, consistently delivering high-quality, highreliability building materials and services for global construction projects.



Aluminum profile production

Aluminum Profile Extrusion



Aluminum Profile Surface Treatment



Awning Processing

Awning fabric Sewing



Awning Assembly



Inspection Before Delivery



Awning Packing & Crating

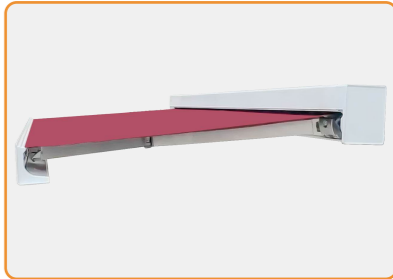
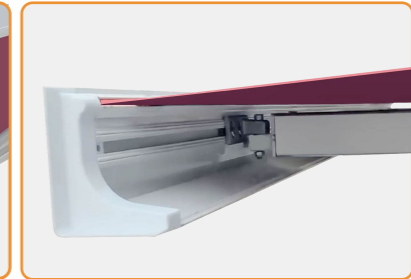
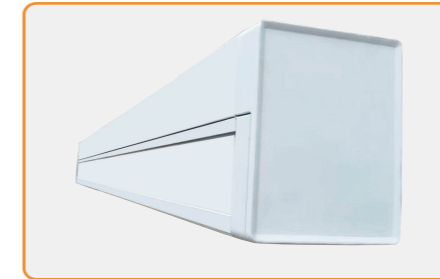




RST801

Full Cassette Motorized Awning

NEW



- Full Cassette Heavy Duty Motorised Retractable Awning
- **Built-in solar panel and lithium battery, no external power or wiring needed.**

Clean energy powered, eco-friendly and energy-saving, creating a green shading benchmark.

Revolutionary solar-powered smart awning.

- **Fully enclosed cassette structure ensures high stability and wind resistance.**

Unique downward-rolling design saves 20% more space when retracted, with a sleek look perfect for high-end buildings.

- **Remote control & APP operation supported.**

Wind, light and rain sensors available for fully automatic retraction.

- **Bright LED light strips integrated in arms** for safe and elegant night use.

- **Imported solution-dyed acrylic fabric**, eco-friendly, UV-resistant, anti-aging and fade-resistant for long outdoor use.

- **Size:**

Max width up to 8m

Max projection 4m

- Single unit shading area up to 30 m², ideal for large terraces and villas use.



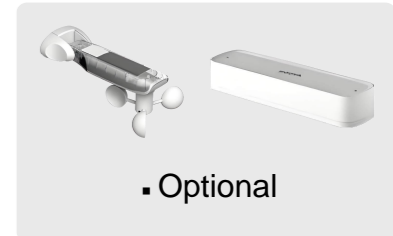
▪ Remote Control



▪ Flexible PV panel



▪ Strong Bracket

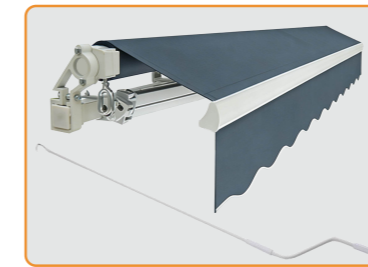


▪ Optional





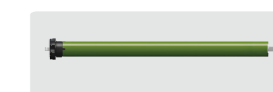
RST802 Standard Retractable Awning



•Primary Model



•Optional



- Durable folding arm with steel cable inside.
- Dual-purpose motor available.
- The wall bracket is divided into one-way and two-way types, with materials including cast steel and aluminum alloy.
- Wall bracket's standard model: two-way cast steel.
- Folding arm and end cover: light weight aluminum alloy.
- Primary end cap: extruded aluminum alloy; cast aluminum alloy optional.
- Aluminum profile frame colour: White, Matt Gray and Matt Black.

size	Cassette	Roller	Front Bar	Torsion Bar
Max.400x300cm	Without	A:60mm	47x35mm	35x35mm
Min.200x150cm		B:70mm		
Support Arms	Fabric		Gear Box	Bracket
Big Arms.58x28mm	260g/m ² , 280g/m ² polyester +PU or PA coating		1:7	standard:bracket for ceiling and wall
Small Arms.48x26mm				Optional:Wall Bracket
Packing Per Unit				
Carton box			1pc/ctn	



RST803

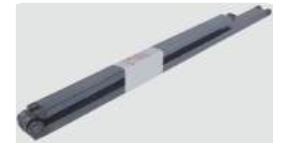
Economy Arm Awning



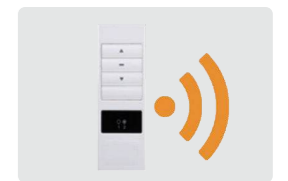
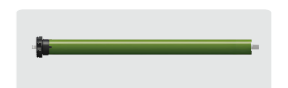
.Primary Model



. Arm Set



.Optional

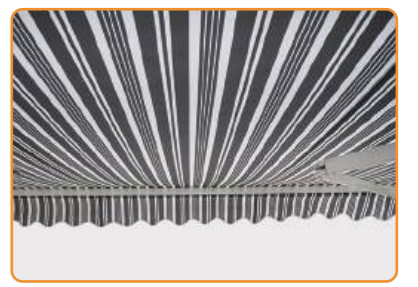
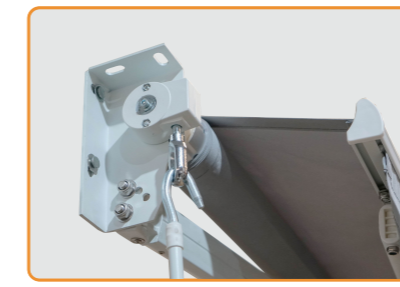


- .Cost-effective economic design
- .Durable folding arm with steel cable inside.
- .The wall bracket is divided into one-way and two-way types,with materials including cast steel and aluminum alloy.
- .Primary wall bracket:Made of aluminum alloy, one-way installation only.
- .End cap standard material: cast aluminum alloy.
- .Aluminum profile Standard ral-frame White,Matt gray and Matt Black.

size	Cassette	Roller	Front Bar	Torsion Bar
Max.400x250cm	Without	60mm	42x30mm	35x35mm
Min.200x150cm				
Support Arms	Fabric		Gear Box	Bracket
Big Arms.48x28mm	260g/m ² , 280g/m ² polyester +PU or PA coating		1:7	standard:regular wall bracket
Small Arms.40x18mm				Optional:bracket for ceiling and wall
Packing Per Unit				
Carton box			1pc/ctn	



RST804 Economy Assembled Awning



- Two steel cables are built into the center joint of the folding arm.
- Dual-purpose motor available.
- The standard mounting bracket : steel.
- Standard aluminum profile frame colors: white, matt gray and matt black.
- Allows sectional assembly for compact packaging

•Wall Brackets



•Assembled



size	Cassette	Roller	Front Bar
Max.400x300cm	Without	60mm	42x30mm
Min.200x150cm			
Support Arms	Fabric	Gear Box	Bracket
Big Arms.48x28mm	260g/m ² , 280g/m ² polyester +PU or PA coating	1:7	Bracket for ceiling and wall
Small Arms.40x18mm			
Packing Per Unit			
Carton box	1pc/ctn		



RST804-H Heavy Duty Awning



- Advantages of Vinyl Fabric: High strength, tear resistance, waterproof, weather resistant and durable, smooth surface, easy to clean, mildew resistant, flame retardant, thick and high-grade texture.
- Two steel cables are built into the center joint of the folding arm.
- Double use motor available.
- The standard mounting bracket is made of steel material.
- Aluminum profile Standard ral-frame White, Matt gray and Matt Black.

- Arm Set



size	Cassette	Roller	Front Bar
Max.600x350cm	Without	70mm	φ63mm
Min.200x150cm	Optional : Half-cassette		
Support Arms	vinyle	Gear Box	Bracket
Big Arms.70x40mm	500g/m ² Fabric or 260g/m ² , 280g/m ² polyester +PU or PA coating	1:7	Bracket for ceiling and wall
Small Arms.59x32.5mm			
Packing Per Unit			
Carton box		1pc/ctn	



RST805 Folding Arm Awning with Drop Curtain



•Wall Brackets



•Assembled



- Two steel cables are built into the center joint of the folding arm.
- Double use motor available.
- Ceiling & wall bracket available.
- The standard mounting bracket is made of steel material.
- Aluminum extrusions are shorter with smaller packing sizes and they can be assembled by sections.
- Aluminum profile Standard ral-frame White, Matt gray and Matt Black.
- Allows sectional assembly for compact packaging.

size	Cassette	Roller	Front Bar
Max.400x300cm	Without	60mm	42x30mm
Min.200x150cm			
Support Arms	Fabric	Gear Box	Bracket
Big Arms.48x28mm	260g/m ² , 280g/m ² polyester +PU or PA coating	1:7	Bracket for ceiling and wall
Small Arms.40x18mm			
Packing Per Unit			
Carton box	1pc/ctn		



RST806

Window Awning



.The window awning is engineered for exterior sunshading applications on windows and balconies

.Featuring adjustable tilt mechanisms, it optimizes solar heat rejection while preserving cross-ventilation between interior and exterior environments

.Available in multiple sizes and color options.

.Front curtain is optional.

.Maximum size: 400cm. Minimum size: 150cm

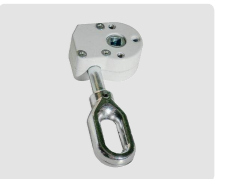
.windowsill bracket



.Wall Brackets



. Gearbox

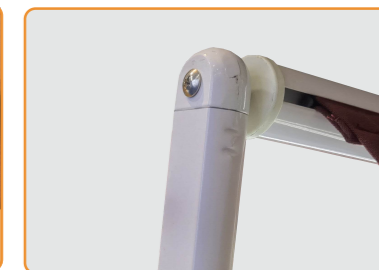
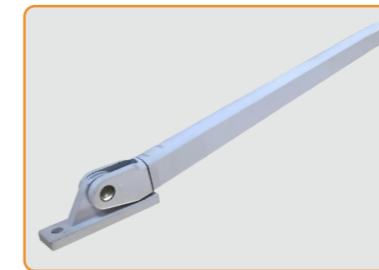


Alu. Roller	Alu. Front Bar	Alu. Support Arms	Cover
φ45mm	φ26mm	28x20mm	280g/m ² polyester +PU or PA coating
With steel hand-crank		Gear box: 1:7	
Support Arms: 50cm		Different Frame Colors are Available	
Packing Per Unit			
Carton box		1pc/ctn	



RST806-M

Motorized Cantilevered Awning



- The cantilevered awning is engineered for exterior sunshading applications on windows and glass curtain walls
- Featuring adjustable tilt mechanisms, it optimizes solar heat rejection while preserving cross-ventilation between interior and exterior environments
- The arm can be opened and closed 5°~175°
- Available in multiple sizes and color options.
- Fixed swing arm for enhanced stability.
- Strong wind resistance, easy operation.
- Maximum size: 400cm x 150cm. Minimum size: 100cm x 80cm.

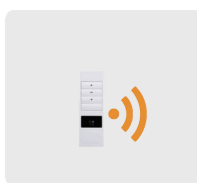
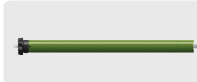
·Wall Brackets



·Decorative Shell



·Motor Control

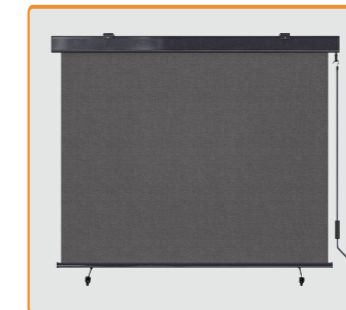


Alu.Roller	Alu.Front Bar	Alu.Support Arms	Cover
φ50mm	34.5mmx31.5mm	32mmx20mm	280g/m ² Polyester +PU or PA coating
With steel hand-crank		Motorized	
Frame:Standard Frame Color is white		Different Frame Colors are Available	
Packing Per Unit			
Carton box		1pc/ctn	



RST807

Outdoor Roller Blinds, Full Cassette



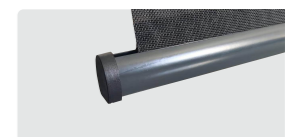
•Wall Brackets



•Bungee kit



•Pulling plate



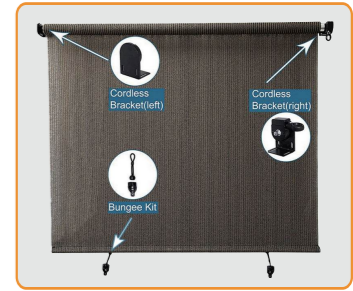
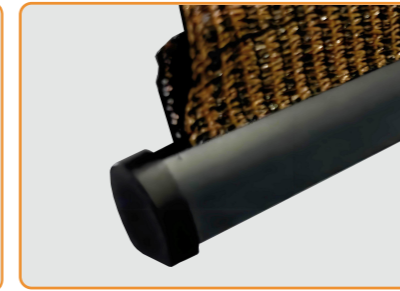
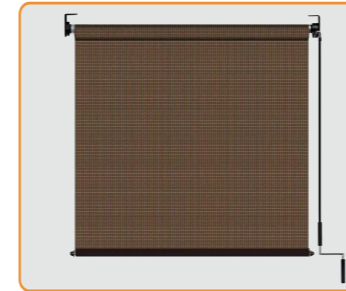
•Foldable rocker

- Safe for Children and pets due to cordless operation.
- Significantly reduces temperature.
- More economical than awnings.
- Easy installation.
- Max: 400cm x 250cm.Min: 120cmx250cm.

Alu.Roller	Front Bar	Alu.Cassette	Fabric 225g/m ² , 280g/m ² Polyester +PU or PA coating	Gear Box
φ32mm	21x15mm	97x83mm		1:5
Packing Per Unit				
Carton box			1pc/ctn	



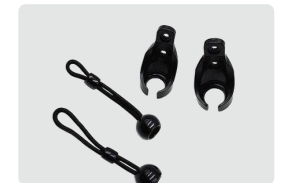
RST808 Outdoor Balcony Roller Blind



·Wall Brackets



·Bungee kit



·Foldable rocker



·It's made of a specially constructed high-density polyethylene (HDPE) fabric that has been specifically designed to block the sun while breathable.

·Innovative hand-crank design, Safe to Children and pets due to cordless operation.

·Easy installation.

·Max: 400cm x 250cm. Min: 200cmx250cm.

Alu. Roller	Front Bar	Fabric	Gear Box
φ32mm	21x15mm	HDPE or 225g/m ² polyester +PU or PA coating	1:5
Packing Per Unit			
PET box		1pc/ctn	



RST809 Roller Blinds ECO



•Wall Brackets



•Compared to curtains, roller shades are not only easier to open and close, but can also be rolled up when not in use to maintain a clean and spacious look in the room.

•Available in multiple sizes and color options.HDPE material available, with multiple sizes and colors to choose from.

•Max: 400cm x 250cm.Min: 200cmx250cm.

•Rems Bead Chain



Alu.Roller	Front Bar	Fabric HDPE or 225g/m ² polyester +PU or PA coating	Gear Box
φ32mm	21x15mm		1:5
Packing Per Unit			
PET box		1pc/ctn	



RST8010

Clamp-on Balcony Awning



- No need tools to install.
- Height can be adjusted easily.
- Ambulant function,easy moving,easy fixing.
- Floor-to-ceiling expansion frame with telescopic poles.
- Polyester awning provides protection from the sun's rays.

•Fixed on the top surface



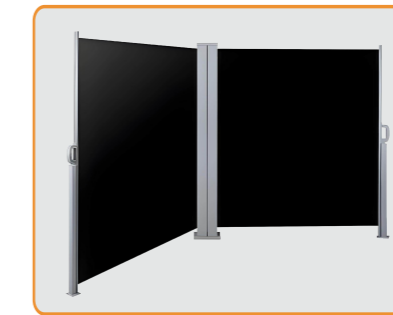
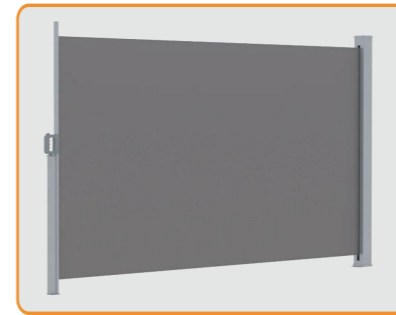
•Fixed on the ground



size	Adjusted Height	Roller	Torsion Bar
Max.400x250cm	2-3m	φ32mm	φ26mm
Min.200x150cm			
Knighthead	Fabric	Gear Box	
φ15mm	280g/m ² polyester +PU or PA coating	1:5	
Packing Per Unit			
Carton box		1pc/ctn	



RST810-1 Retractable Steel Side Awning

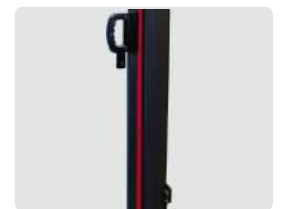


- This side awning is available in two styles: unidirectional & bi-directional extension.
- This side awning/folding screen is not only an ideal protection against wind and sunshine but can also create a private space.
- The torsional spring inside makes the product easy to be operated.
- The elegant cassette/box is made from Cast Steel, protecting the fabric from rain and sunshine.
- Max: 200cm x 300cm. Min: 140cm x 300cm.

· Wall Brackets



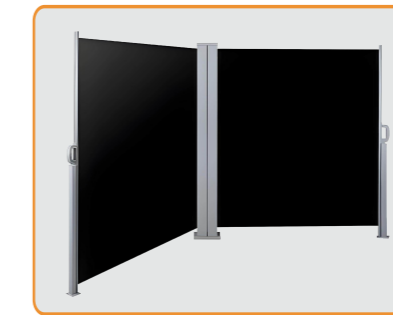
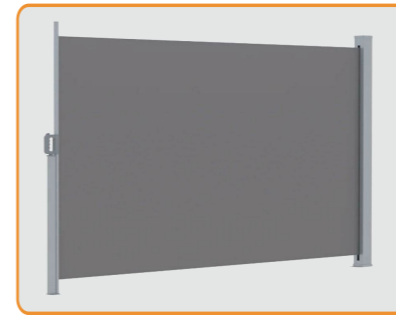
· Box body



St. Roller	Alu. Front Bar	St. Cassette	Fabric	Frame
φ50mm	30x20mm	86x86mm	280g/m ² polyester +PU or PA coating	Standard Frame color is Grey
Packing Per Unit				
Carton box			1pc/ctn	



RST810-2 Retractable Aluminum Side Awning



- This side awning is available in two styles: unidirectional & bi-directional extension.
- This side awning/folding screen is not only an ideal protection against wind and sunshine but can also create a private space.
- The torsional spring inside makes the product easy to be operated.
- The elegant cassette/box is made from Aluminum, protecting the fabric from rain and sunshine.
- Max: 200cm x 300cm.Min: 140cm x 300cm.

·Wall Brackets



·Box body



Alu.Roller	Alu.Front Bar	Alu.Cassette	Fabric	Frame
φ32mm	30x20mm	86x86mm	280g/m ² polyester +PU or PA coating	Standard Frame color is Grey
Packing Per Unit				
Carton box			1pc/ctn	



RST8011 Sun Shade Sail



•HDPE Net



•Polyester Fabric



- Sun shade sails provide 90% sunshade and blocks 95% up to 98% harmful UV rays to make your patio privacy safe, cool and fabulous.
- Perfect for patio, lawn, garden, pool, pond, deck, backyard,courtyard, park, sandbox and other outdoor activities.
- Packing : Each piece packed into PP bag /PVC handle bag, several bags packed into Carton or Customized.

Shading Rate	Fabric	D-ring
90%-98%	160g/m ² HDPE 120g/m ² polyester fabric	Stainless

Size(cm)		
Triangolare	Square	Rectangular
500x500x500	500x500	
360x360x360	360x360	400x500
300x300x300	300x300	300x400

Car Awning



Chainless Sunshade Rolling Curtain



Retractable Roof Awning

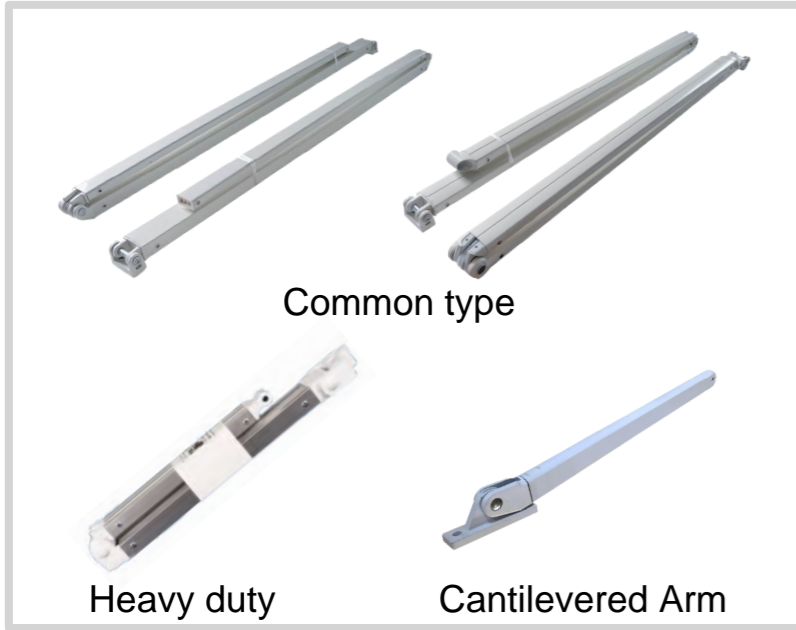


Blinded Ceiling Awning



Parasol





Swing Arm



Wall And Ceiling Bracket (Torsion Bar)



End Caps



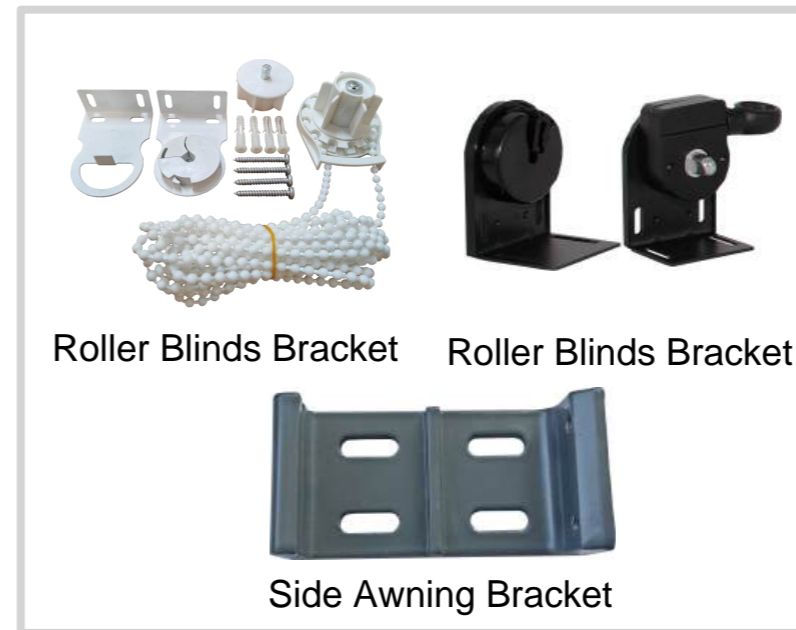
Sunshade Gearbox



Wall And Ceiling Bracket(Without Torsion Bar)



Wall And Ceiling Bracket (Full Cassette Awning)



Roller Blinds And Side Awning Bracket



Other Accessories