





### The one stop service for all your housing project needs



Add2: Guangmei Road Qianlin Industrial Park, Huzhen, Boluo County, Huizhou City, Guangdong Province, China

Email: market@williamarchi.com

Whatsapp:+86 13088859386

**Tel:** 0086 0755-23696342

**Web:** williamarchi.com

## **ALUMINIUM PERGOLA**

WilliamArchi Limited

williamarchi.com



### Leading manufacturer **Dedicated to the outdoors · Quality guarantee**

We integrate technology and the art of living.

We understand your inner needs. We showcase the beauty of details with a craftsman's heart.

We pour craftsmanship into the quality.

10+ Years of R&D experience

Square meters factory site

Patent qualifications and







## **Company Profile**

Company since its establishment, has been committed to providing customers with innovative and efficient sunshade solutions to enhance the comfort and quality of outdoor living. Our vision is to become a leader in the outdoor sunshade industry, offering the best sunshade products and services to global consumers.

Our product covers various types of outdoor sunshade equipment, including electric flip pavilions, smart windproof roller blinds, folding awnings, and Chinese-style pavilions. We prioritize product quality and design, utilizing advanced materials and craftsmanship to ensure excellent durability, stability, and sunshade performance. Additionally, we offer customization services to meet the diverse needs customers.

We have a professional R&D team that continuously launches innovative products and technologies to meet the ever-changing market and consumer demands. We also provide comprehensive support and maintenance to ensure customer satisfaction and safety during the usage process.

As a socially responsible enterprise, we actively participate in social welfare activities, promoting environmental protection and sustainable development. We use environmentally friendly materials and processes to reduce negative impact on the environment. Meanwhile, we advocate the concept of energy conservation, emission reduction, and green living, making contributions to the society.

Company is committed to providing global consumers with the best outdoor sunshade experience through excellent products, professional services, and innovative spirit. We look forward to working with you to create a better future!

04

Hand Cranking Pergola



08

Aluminum Alloy Flip PanelPavilion



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Intelligent FoldingAwning



48

Electric Windproof Roller Shutter



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Grape arbor pavilion



# Customize your exclusive private outdoor space

Every detail reßects the love and pursuit of life In this small space you can Pnd moments of peace and tranquility for your soul Discover the beauty of nature and enjoy the serenity of life Customize your outdoor space andcreate a unique natural paradise





# 147 TYPE LIGHT-WEIGHT LOUVER PERGOLA

Outdoor leisure space

147 model is simple and lightweight, made of high-qualityaluminum alloy, high-density powder spraying,rust prevention,corrosion protection, strong and durable;

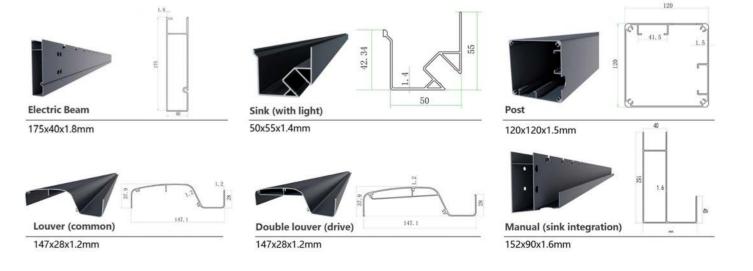
There are electric and manual models to choose from, and youcan choose whether to have a lighting system;

Type 147 only produces standard size orders, suitable for largevolume wholesale, foreign trade export customers to quicklyopen up the market.

### Basic parameter

Name: 147-pergola	Drive: Manual/Electric	Windproof: Force 10 gale (completely closed)
Material: 6063Aluminium alloy	Size: 2.5x3/3x3/3x3.6/3x4/4x4/3x6 Default height: 2.5m	Surface: Powder spraying
Rainproof: 100%	Width: Louver max length 3 meters, over 3 meters can be double-layer blades	Color: grey7043/white9016

### Proble parameter





# Product Advantage



### **Aluminum Alloy**

Made of all aluminum alloy material, withhigh strength, light weight, no rust, andlonger service life.



### Reliable hand cranking device

The hand cranked device is labor-saving, low-cost, and does not have the problem of complex codedebugging or malfunction of electronic components.



### High density powder spraying

The surface is coated with a mixture of polycrystallinediamond composite, plastic, and resin, which is rust free, environmentally friendly, formaldehyde free, acid and alkaliresistant, and will not fade for 20 years.



### Two-color light strip

147 pergola with 45° inclined, cold and warm two-colorlight belt, one key to switch the cold and warm color, but also adjust the brightness size, more convenient.

# Flip Panel Pavilion

### Aluminum alloy construction

Aluminum is lightweight, resistant to corrosion and rust, easy to clean and maintain, and has a long service life.

### Simple in structure

The flip design allows for adjustable sunshade angles, providing high flexibility to adapt to different lighting conditions and offering a comfortable sunshade effect.

### Sleek in appearance

Modern style design, with a simple and elegant appearance, aesthetically pleasing and fashionable. It can seamlessly blend with various outdoor environments, enhancing the landscape effect.

### Rich in functionality

Provides sun protection, rain shelter, wind resistance, and other functionalities, making it suitable for outdoor relaxation, gatherings, yoga practice, etc., catering to people's diverse needs.

### Convenient installation

It is easy to install anddoes not require complex construction technology. We can choose different sizes and styles according to actual needs.

### Applicable places

Outdoor spaces such as courtyards, gardens, parks, and leisure squares, providing people with comfortable resting and activity spaces.



















### Wide opening angle

01

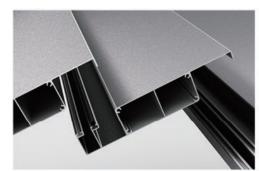
The opening and closing angle of the blade reaches 100  $^{\circ}$  . You can adjust the shading degree and air intake according to needs.



### Invisible drainage

03

The invisible drainage system can allow rainwater to be directly discharged from the top surface of the louvers into the columns. Then it is discharged through underground drainage channels.



### Aluminum alloy & powder coating

US

Made of high-quality aluminum alloy, it integrates strong wind pressure resistance, corrosion resistance, and deformation resistance; High density powder coating on the surface, non fading for 20 years.



### Dual-groove waterproofing for louver

02

The louver is equipped with a side drainage system, which can be opened even after heavy rain. Rainwater will flow into the sink from the blades and will not cause dripping.



### Carrying capacity of 100 kilograms

04

The columns and beams are larger and thicker, the blades are wider and thicker, and the real materials are more stable and durable, with a resistance to snow pressure of up to 100kg/square meter.



### Column base plate L-type support reinforce

06

The L-type support bottom plate can prevent negative effects such as looseness, rust, or corrosion, improving connection strength, and enhancing the stability and safety of the structure.

# 175 Flip Panel Pavilion









Elen-montant

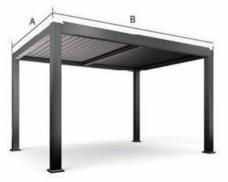
Structural Diagram

- ① Connecting rod
- ② Crossbeam cover plate
- 3 Metal block for column-beam connection
- 4 Crossbeam
- (§) Column
- ⑥ Tubular motor
- Built-in water sink
- ® Waterproof sleeve for crossbeam LED strip
- (9) Flip flat
- 10 Metal block for connecting column and bottom plate
- Column bottom plate



### **Aluminum Color**



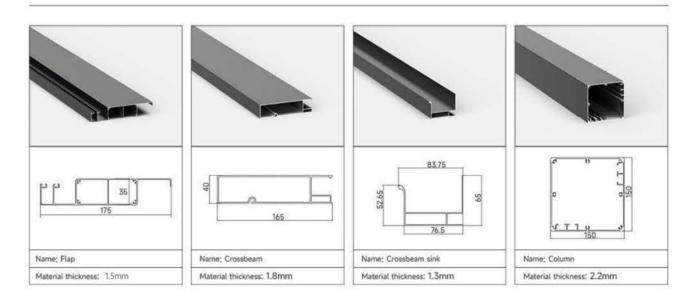


The default height of the product is 2.7 meters

Custom size table		The stretching direction B											
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### **Aluminum Profile**







Space Customization

A flip panel pavilion is not just a sunshade space, but also a symbol of a lifestyle attitude. Choosing an aluminum alloy pavilion means following a high-quality life and enjoying the beauty of life. You are welcome to come and feel the charm of the aluminum pavilion with us, and share the coolness and comfort together!

# 175 Flip Panel Pavilion









With flip-blade design, we can adjust the sunshade angle, which provides high flexibility and adapts to different lighting conditions. It offers a comfortable sunshade effect.





Outdoor Space Customization In addition to being a decoration for private gardens, a flip panel pavilion is also an ideal choice for commercial venues. Its unique design and high-quality materials make it a preferred choice for restaurants, cafes, resorts, and other places. Here, you can spend time with your family and friends, experiencing a different kind of leisure and comfort.

# 200 Flip Panel Pavilion











### Structural Diagram

- ① Connecting rod
- 2 Crossbeam cover plate
- 3 Metal block for column-beam connection
- 4 Crossbeam
- ⑤ Column
- 6 Tubular motor
- Built-in water sink
- ® Waterproof sleeve for crossbeam LED strip
- ® Metal block for connecting column and bottom plate
- ① Column bottom plate



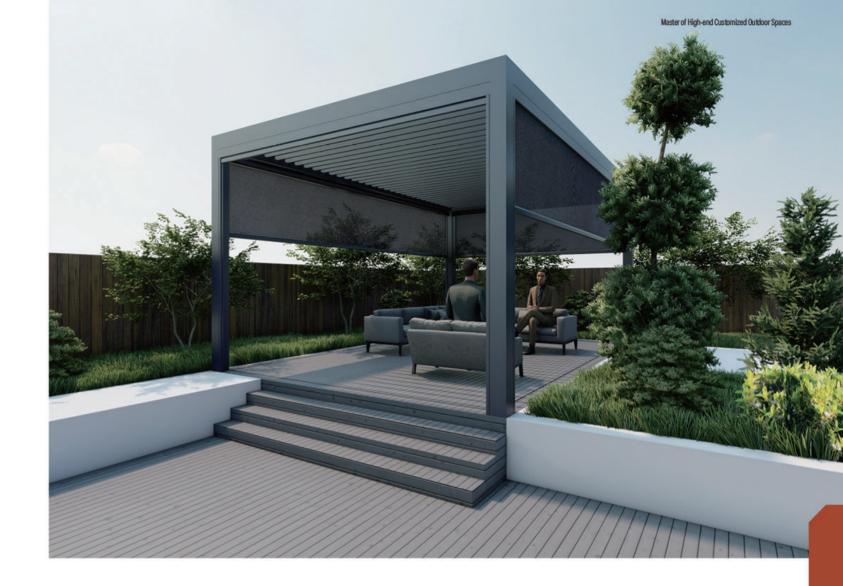
### **Aluminum Color**



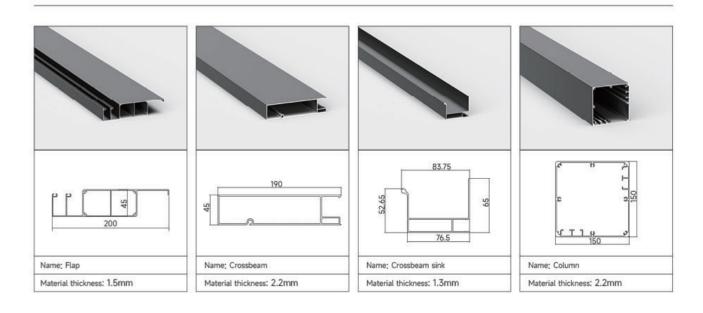


The default height of the product is 2.7 meters

Custom size table		The stretching direction B												
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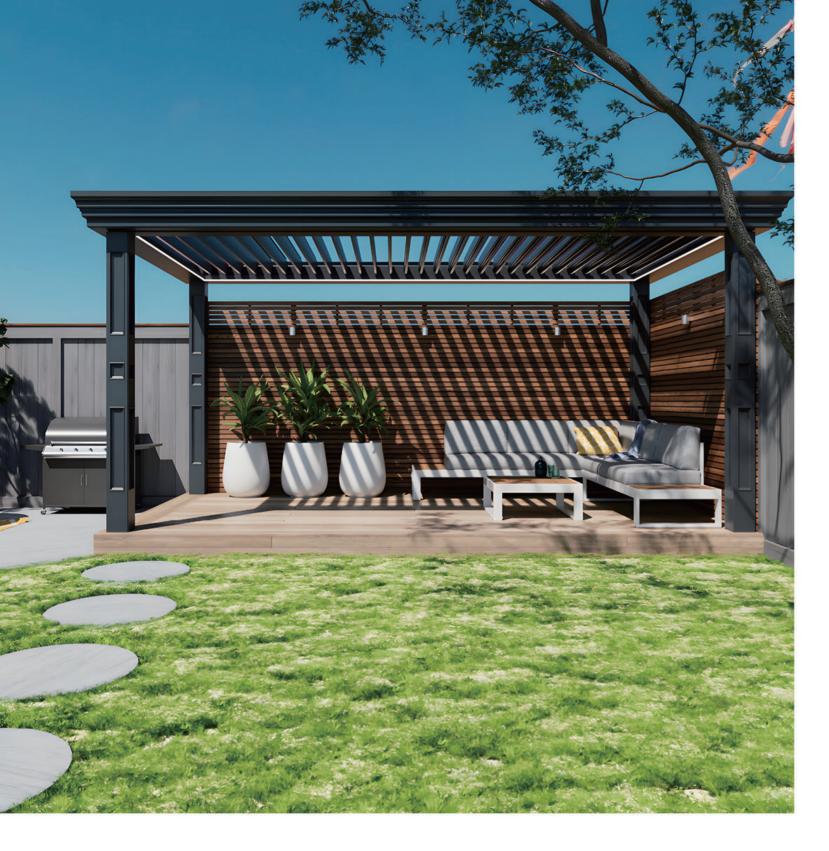
### **Aluminum Profile**







Outdoor Space Customization In the hustle and bustle of the city, seeking peace and comfort has become a pursuit of modern life. The flip panel pavilion is an ideal choice for bringing a moment of peace to you in the urban chaos. It is not only a sunshade space but also a symbol of a high-quality life that allows you to find a moment of relaxation and tranquility in the busy city.



In addition to being a decoration for private gardens, a flip panel pavilion is also an ideal choice for commercial venues. Its unique design and high-quality materials make it a preferred choice for restaurants, cafes, resorts, and other places. Here, you can spend time with your family and friends, experiencing a different kind of leisure and comfort.





200 Flip Panel Pavilion

Space Customization

22•

# 250 Flip Panel Pavilion









Elementary States

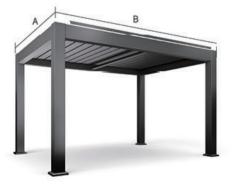
### Structural Diagram

- ① Connecting rod
- 2 Crossbeam cover plate
- 3 Metal block for column-beam connection
- 4 Crossbeam
- (5) Column
- ⑥ Tubular motor
- 7 Built-in water sink
- ® Waterproof sleeve for crossbeam LED strip
- ® Metal block for connecting column and bottom plate
- ① Column bottom plate



### **Aluminum Color**



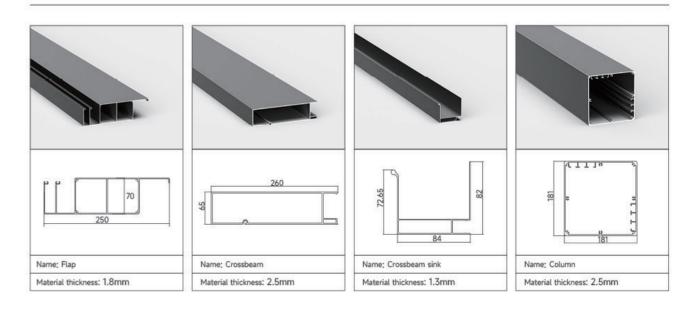


The o	default	height	of	the	product	is	2.7	meters
		9						

Custom size table		The stretching direction B												
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### **Aluminum Profile**







Outdoor Space Customization The flip panel pavilion not only has a beautiful appearance but also emphasizes a comfortable user experience. The spacious and bright design allows you to feel ventilation and comfort inside. It can provide shade and cooling during the day and allow you to enjoy the starry sky and moonlight at night, helping you to fully enjoy the gifts of nature. Additionally, the pavilion can be equipped with various facilities, such as seating, tables, lighting, etc., to meet your requirements for different occasions.







250 Flip Panel Pavilion

Outdoor Space Customization

# Electric **Folding Awning**

### Multifunctionality

In addition to the basic functions of sunshade and rain proofness, it can also have additional features such as intelligent lighting and enhance the user experience.

### Energy-saving and environmentally friendly

By applying energy-saving materials and intelligent control systems, it can effectively save energy and adhere to the concept of energy conservation and environmental protection.

### **Excellent durability**

Made with durable materials, which has a long service life and is not easily affected by external environmental factors.

### Security and reliability

With safety protection functions, such as wind and rain sensors that can sense bad weather, it can automatically put away to ensure safety of user.

### Fashion in design

The appearance design is stylish, which can be integrated with the architectural style to enhance the overall aesthetic feeling

#### Flexible installation

With flexible installation methods, the product can be suitable for various outdoor spaces to meet different needs.





















### Thickened profiles

01

The incorporation of reinforced profiles in the design ensures the stability and durability of the product.



### Wireless remote control

02

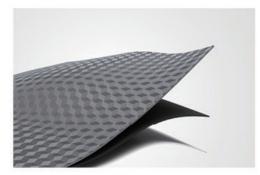
Effortlessly operate the opening and closing of the screen by remote control, facilitating a seamless experience.



### Shading and heat insulation

03

With outstanding sun-shielding and heat-insulating capabilities, it effectively blocks intense sunlight and heat, creating a comfortable and cool environment for users.



### 3D curtain

04

Crafted from outdoor-specific 3D fabric, boasting excellent waterproof properties and enhanced stain resistance. The special color-locking technique ensures vibrant and long-lasting colors that resist fading.



### Water conduction design

05

The gutter features a G-shaped design structure to guide rainwater flow smoothly without causing splashing as it travels down the gutter.



### Waterproof and rainproof

06

With outstanding rain and water resistance, the product effectively prevents rainwater seepage by utilizing high-quality waterproof materials and precision craftsmanship.

# Installation





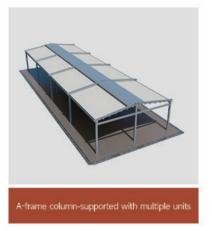














Outdoor Space Customization











Built-in light strip

### Structural Diagram

- ① Motor
- 2 Transmission rod
- 3 Water stop board
- 4 Sink
- (5) Mop handle
- 6 Guide rail
- 7 Pulley
- 8 Column
- Column base
- 10 Synchronous belt
- 11) Side cover
- (12) Saddle

### **Curtain Fabric**







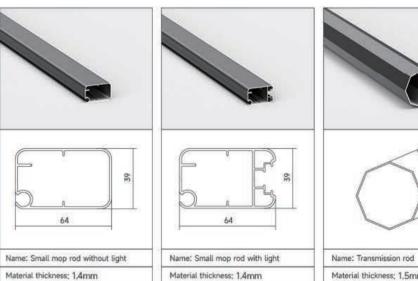


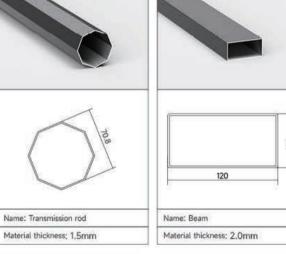
Size instruction								
Width	Straight-line distance between the outer sides of two tracks	Distance between two horizontal bars						
Extended length	The horizontal distance between the re-	ar column and the from	nt column, not equal to the track length					
Front height	Distance from the column base to the vertex of the front track	Rear height	The distance between the column base to the rear column					
Net height	Equal to the height of the	front column, front l	height-net height=233mm					

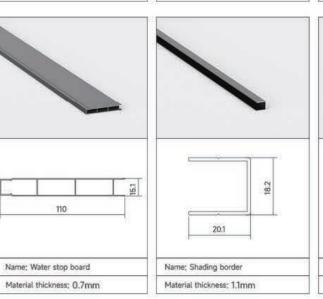
Product Parameter							
Color	Dark grey, white, brown, can be customized	Indirect horizontal bar	450-500mm				
Material	Aluminum	Light strip	Silicone waterproof, 3000k brightness LED				
Size	The maximum width of a single piece is 4.5 meters, can extend up to 6 meters	Rain proofness	Complete rain protection				
Surface	High-density powder coating, anodized surface treatmentrs	Wind proddfness	The maximum resistance to a level 7 gale-force wind, 50-62km/h				
Motor	Imported or domestic options available, two-year warranty	Rubric	Heavy-duty PVC, imported or domestic options available				

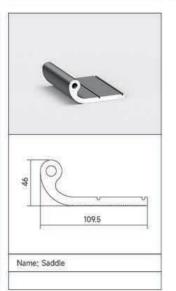
### **Aluminum Profile**

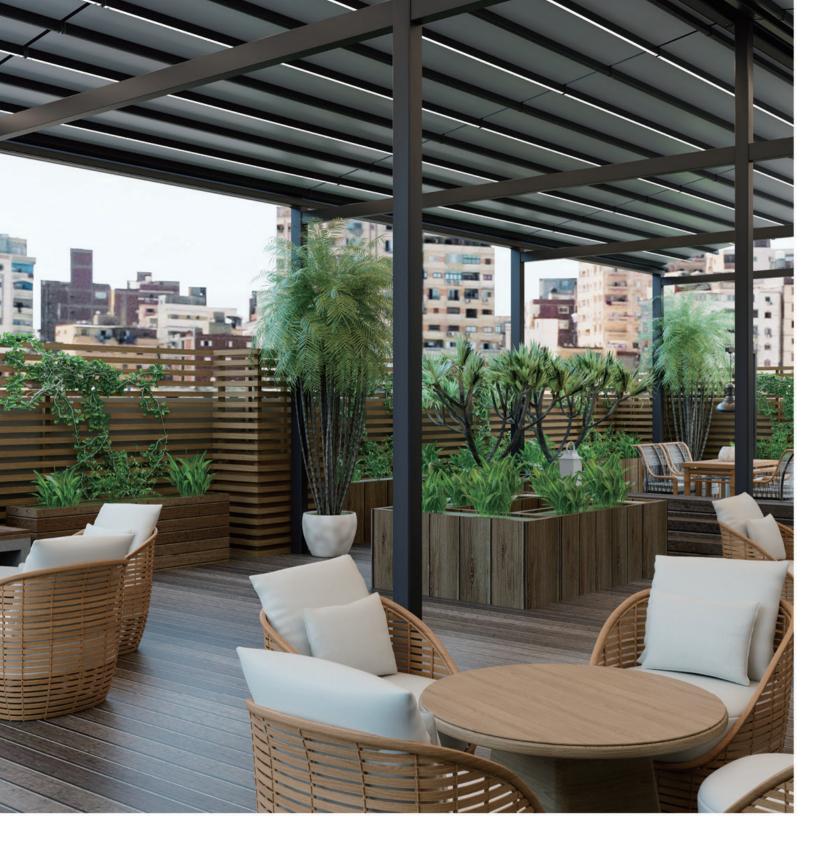












Outdoor Space Customization Villa courtyard is an extension of home and a place of peace for the soul. In the courtyard of the villa, to enjoy a comfortable life, you need a delicate decoration. Intelligent electric folding awning will be a unique addition to your garden and bring you a different kind of life experience.















The folding awning not only provides excellent shading and rainproof functions, but can also be easily folded and adjusted according to weather conditions, allowing you to fully enjoy dining anytime and anywhere. Its intelligent electric system makes operation more convenient, with one click control and ease.





Outdoor Space Customization Innovative technology and design of intelligent electric folding awning make your roof garden a stylish living space. The electric system makes it easy to operate the awning. One click control, and do whatever you want. From sun protection to rain and wind protection, folding awning can provide you with intimate escort, helping you enjoy every moment of peace and quiet in the roof garden.

Master of High-end Customized Outdoor Spaces

# 140

## Intelligent Folding Awning









Built-in light strip

Structural Diagram

- ① Motor
- 2 Transmission rod
- 3 Water stop board
- 4 Sink
- (5) Mop handle
- 6 Guide rail
- 7 Pulley
- 8 Column
- Column base
- 10 Synchronous belt
- 1 Side cover
- (12) Saddle

#### **Curtain Fabric**









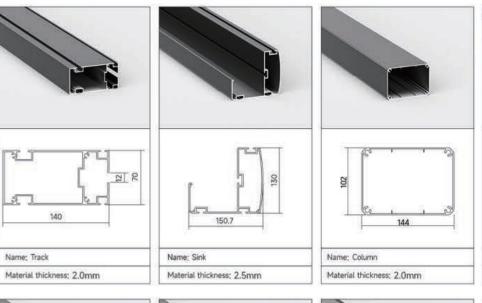
Size instruction								
Width	Straight-line distance between the outer sides of two tracks							
Extended length	The horizontal distance between the re	ar column and the from	nt column, not equal to the track length					
Front height	Distance from the column base to the vertex of the front track	Rear height	The distance between the column base to the rear column					
Net height	Equal to the height of the	front column, front i	neight-net height=282mm					

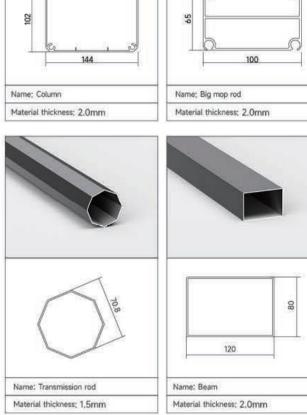
Product Parameter								
Color	Dark grey / brown, can be customized	Indirect horizontal bar	450-500mm					
Material	Aluminum	Light strip	Silicone waterproof, 3000k brightness LED					
Size	The maximum width of a single piece is 5 meters, can extend up to 8 meters	Rain proofness	Complete rain protection					
Surface	High-density powder coating, anodized surface treatmentrs	Wind proddfness	The maximum resistance to a level 7 gale-force wind, 50-62km/h					
Motor	Imported or domestic options available, two-year warranty	Rubric	Heavy-duty PVC, imported or domestic options available					

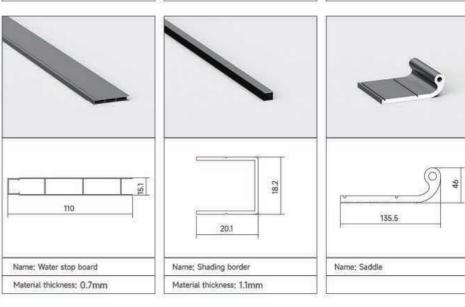
### **Aluminum Profile**

Name: Small mop rod without light

Material thickness; 1,4mm





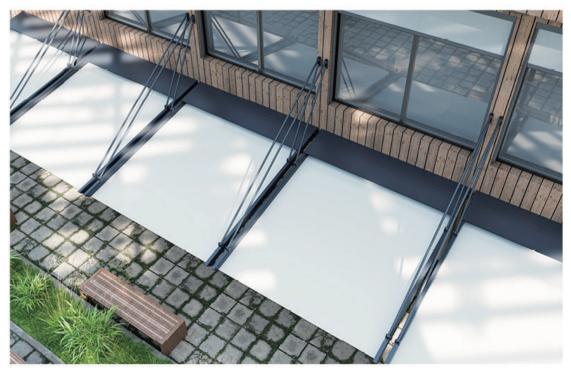


Name: Small mop rod with light

Material thickness: 1,4mm







Outdoor Space Customization











The folding awning not only provides excellent shading and rainproof functions, but can also be easily folded and adjusted according to weather conditions, allowing you to fully enjoy dining anytime and anywhere. Its intelligent electric system makes operation more convenient, with one click control and ease.





Space Customization

Innovative technology and design of intelligent electric folding awning make your roof garden a stylish living space. The electric system makes it easy to operate the awning. One click control, and do whatever you want. From sun protection to rain and wind protection, folding awning can provide you with intimate escort, helping you enjoy every moment of peace and quiet in the roof garden.

Master of High-end Customized Outdoor Spaces

### Strong wind protection

The windproof roller shutter adopts strong material and structural design, has strong wind resistance, and can effectively resist strong winds.

### Shading effect

It can be used as a sunshade device to reduce indoor temperature, reduce ultraviolet radiation, provide comfortable indoor temperature, and reduce air conditioning energy consumption.

### **User-friendly**

The shutter switch is easy to operate, can be manually or electrically controlled, easy to use, and does not need to take up additional space.

### Security and reliability

With safety protection functions, such as wind and rain sensors can sense bad weather, it can automatically put away to ensure safety.

### Attractive appearance

The roller shutter can be designed in various colors and styles, which can be customized according to customer needs, and the surface gloss is high, promoting the overall harmony of the building.

### **Privacy protection**

It can provide privacy protection to prevent passersby or neighbors from peeking inside the building, making the living or working environment more private.





















#### Electric remote control

01

It can be remotely controlled via a remote controller or a mobile app, making it easy to open and close the roller shutter with ease.



### Waterproof

02

By using waterproof materials and special designs, the roller shutter can effectively block the penetration of rainwater.



### Sunshade and a panoramic view

03

Outstanding sunshade and transparent view function, effectively blocking sunlight while maintaining good lighting effects.



### Strong wind protection

0.4

It can maintain stability in strong wind conditions, being less susceptible to deformation or damage from wind forces.



### Ultraviolet-proof

05

It can effectively block the penetration of ultraviolet rays. Not only does it protect indoor furniture and items from UV damage, but it also helps reduce the rise in indoor temperature.



### Anti-mosquito and anti-insect

06

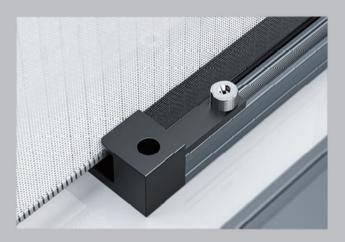
It can effectively isolate the indoor and outdoor environment, avoiding the intrusion of mosquitoes and other pests, whether it is on an outdoor terrace or indoor living space.



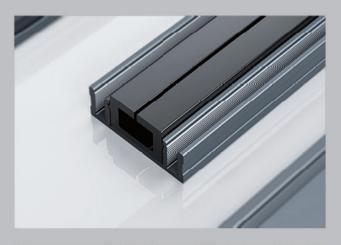




With newly upgraded stainless steel shrapnel, fabric in the stable elastic support ensures the flatness of the fabric, having a long service life.



The new upgraded zipper guider allows the zipper to enter the plastic track smoothly and prevent the zipper from derailing.



The aluminum track is installed outside the plastic track to ensure that the plastic track does not bend in the length direction and does not distort in the width direction to further prevent the zipper from derailing.











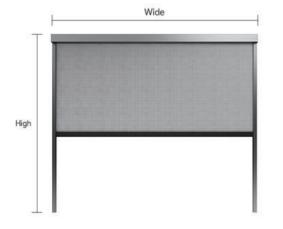
### **Structural Diagram**

- 1 Back cover
- 2 Front cover
- (3) End cap
- 4 Tubular motor
- (5) Fabric tube
- 6 Left track
- (7) Right track
- 8 Curtain
- 9 Down rod
- 10 Balancing weight
- (11) Anti-collision rubber strip
- 12) Stainless steel shrapnel



### **Aluminum Color**





Product Parameter									
110 type (maximum heigth: 4.5 meters, maximum width: 4.5 meters, minimum narrow distance :0.7 meters) 130 type (maximum heigth: 6 meters, maximum width: 7 meters, minimum narrow distance :0.7 meters)									
Control	Single frequency remote control/ Dualfrequency remote control /multifrequency remote control	Surface	Pure resin outdoor metal high density powder spraying						
Material	Aluminum + Stainless steel fittings	Motor	<4m²10N Motor, >4m²50N Motor						

#### **Fabric Pattern**

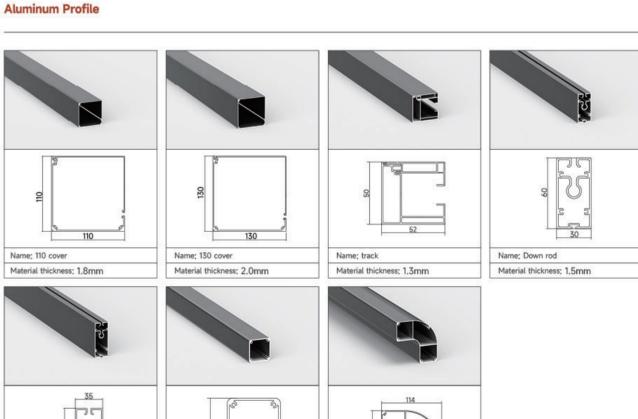


Name: Heavy down rod

Material thickness: 1.5mm

Name: Column

Material thickness: 2.0mm



Name: Angle column

Material thickness: 1.5mm

## Installation



### Forward installation (out of frame)

The windproof roller shutter is installed outside the frame, and the fixing screw of the track is fixed from the track side.

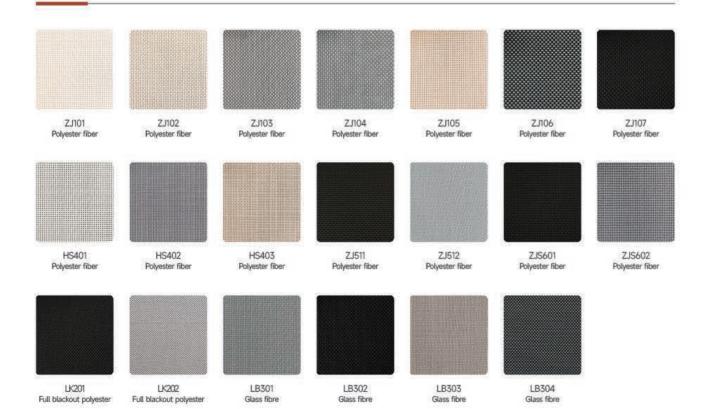


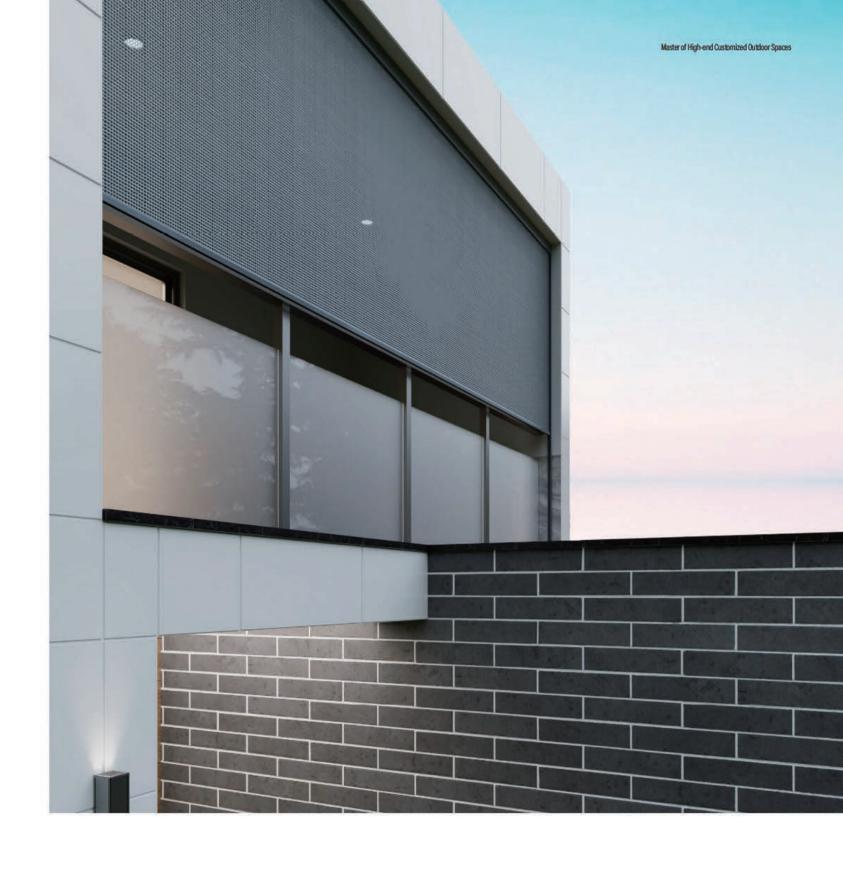
### Side mount (inside the frame)

The windproof shutter is installed in the frame, and the retaining screw of the track is secured from the bottom of the track.



## **Fabric**





#### Installation Scenario











/indow



Outdoor Space Customization Intelligent electric windproof shutter can not only provide excellent windproof function, create a safe and stable living space for your balcony, but also automatical adjustment according to weather conditions, bringing you a full range of comfortable experience. Its smart control system makes operation easy. Just one-click control, anytime, anywhere, you cna enjoy the sun and breeze.



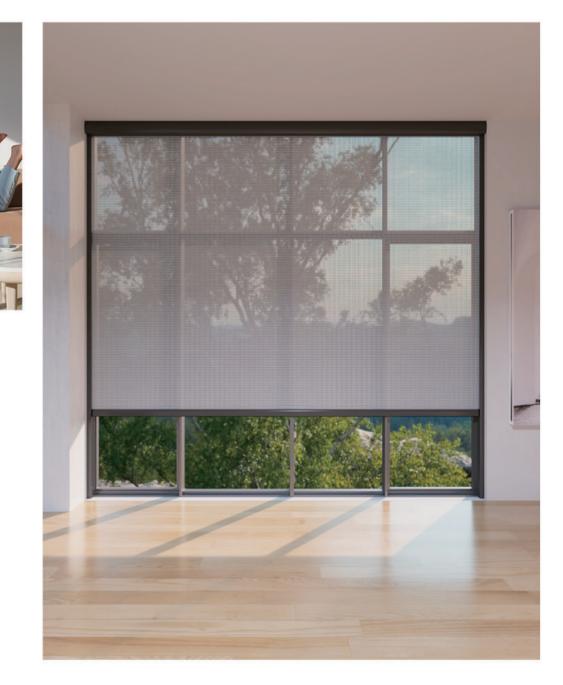
Outdoor Space Customization The unique design of intelligent electric windproof roller shutter allows for effective shading of sunlight, keeping the interior bright but not dazzling, effectively improving employee comfort and efficiency. Employees can focus more on their work in a comfortable environment without worries about sunlight interference.







Unique design makes the roller shutter have the unique function of shading and cenery. Even while blocking the sun, it can keep the view open and transparent, so that you can feel the breeze in the interior of the pavilion, while not missing the beauty of the outside.













Outdoor Space Customization



Outdoor Space Customization The unique design of intelligent electric windproof roller shutter allows for effective shading of sunlight, keeping the interior bright but not dazzling, effectively improving employee comfort and efficiency. Employees can focus more on their work in a comfortable environment without worries about sunlight interference.







Outdoor Space Customization

# 130

# **Electric Windproof Roller Shutter**











Unique design makes the roller shutter have the unique function of shading and cenery. Even while blocking the sun, it can keep the view open and transparent, so that you can feel the breeze in the interior of the pavilion, while not missing the beauty of the outside.





Outdoor Space Customization Unique design makes the intelligent electric windproof shutter become a sharp tool to protect privacy. While blocking the sun, the privacy of guests can be effectively protected, enabling them enjoy a more private and safe living experience without worries of being peeped and relax in a comfortable and quiet environment.

# Grape arbor pavilion

### Design & Aesthetics

Our grapevine pergolas are crafted with sleek, modern lines and natural wood finishes, adding timeless charm to any outdoor space. The intricate lattice design allows vines to weave beautifully, creating a lush, shaded retreat.

### **Durability & Materials**

Built from premium, weather-resistant materials like cedar, redwood, or powder-coated aluminum, our pergolas withstand harsh elements while maintaining structural integrity for years.

#### **Customization Options**

Choose from various sizes, colors, and roof styles (solid, retractable, or open lattice) to match your landscape. Personalize with climbing plants, lighting, or curtains for added ambiance.

### Functionality & Comfort

Designed for relaxation, our pergolas provide shade and ventilation, making them ideal for outdoor dining, lounging, or garden decor. Optional add-ons like mosquito nets enhance comfort.

### Easy Installation & Maintenance

Pre-assembled components and clear instructions ensure hasslefree setup. Low-maintenance materials require only occasional cleaning to preserve their beauty.

#### Versatility

Perfect for gardens, patios, poolsides, or commercial spaces, our pergolas transform any area into a serene, stylish retreat.



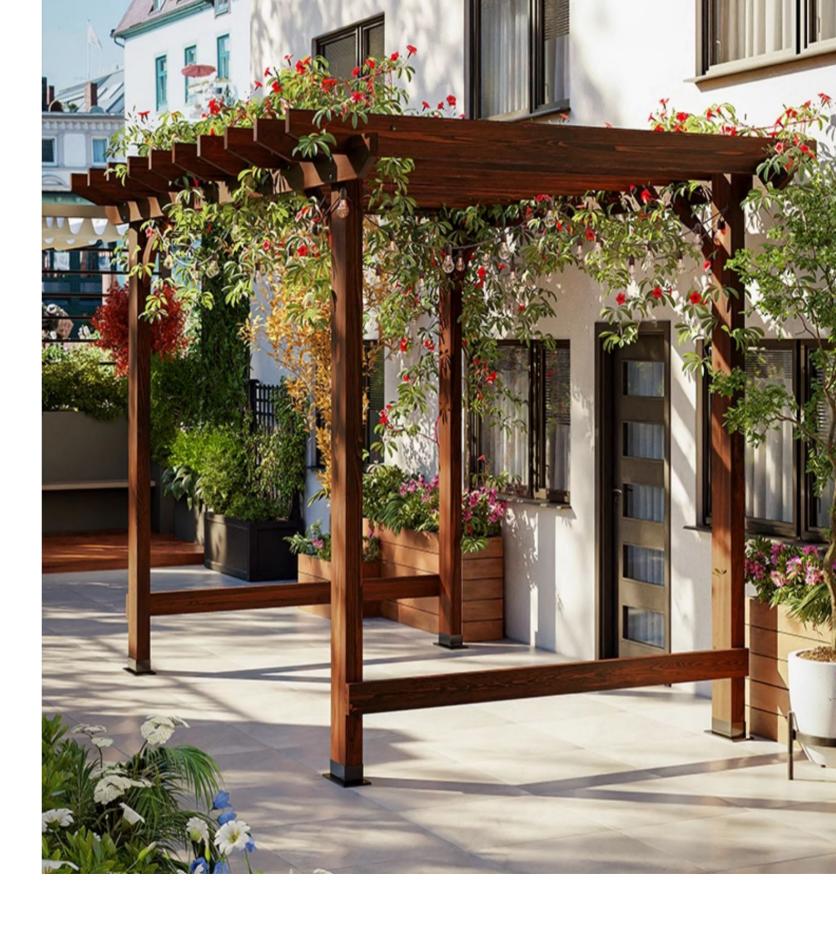












# Grape arbor pavilion ADVANTAGE





### The color variety is rich

It not only possesses the natural wood texture and grain, but also allows customization of colors according to personal preferences.



### No maintenance required

No need for repairs or upkeep, easy to clean, saving on future repair and maintenance costs.



### has a long lifespan

The lifespan of an aluminum alloy grape arbor is 3 to 4 times that of treated wood.



### Installation is simple

No complex construction processes are required, saving installation time and costs.

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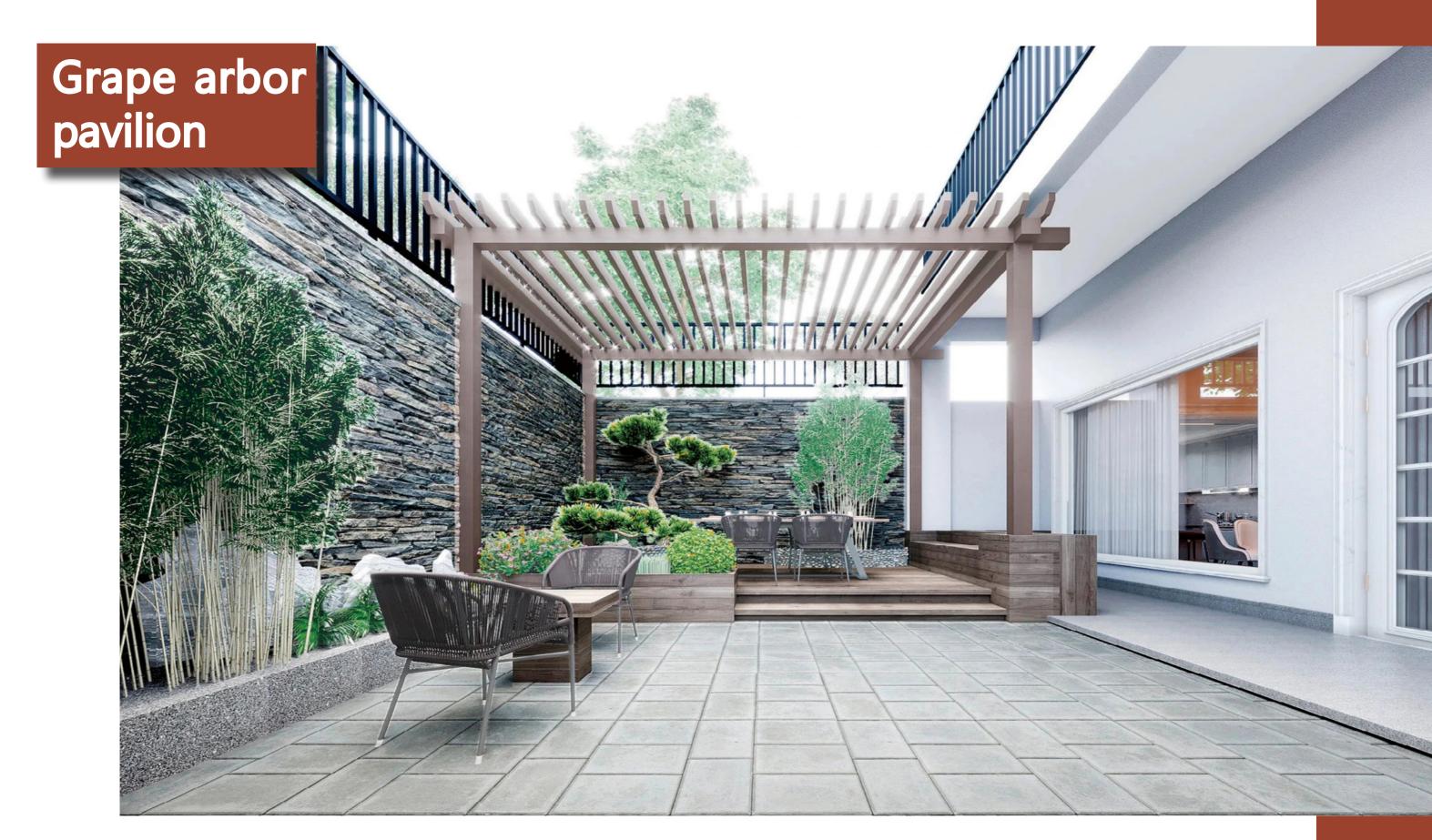
### Good workability

Can be ordered, planed, sawed, bent, straightence, rounded, squared, and used to make various wooden products, but cannot be used to create complex shapes.



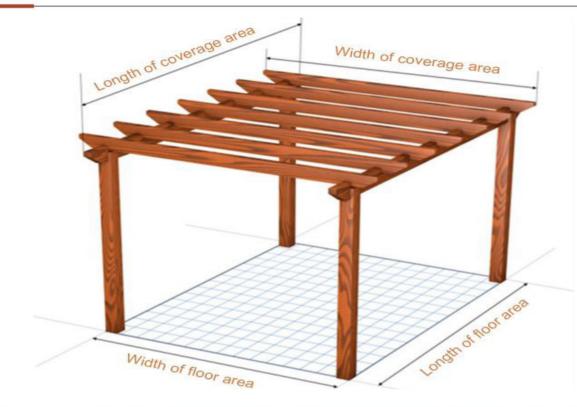
### High moldability

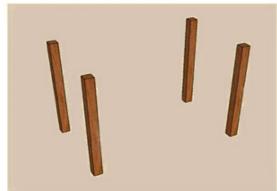
It can achieve personalized styling very easily, fully reflecting individual style.



Transform your outdoor space with our elegant Grapevine Pergola! Crafted from durable, weather-resistant materials, it offers shade, style, and a touch of nature. Perfect for gardens, patios, or vineyards. Enhance relaxation and beauty

## Installation





Installation main Columns



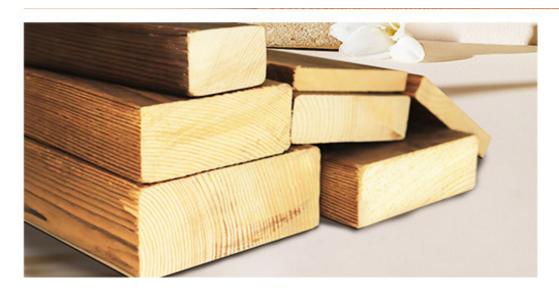
Install auxiliary beam



Install the main beam



Install net window





Natural solid wood



Not easily deformed



Anti corrosion moisture-proof



