



**ULE PANDA**

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Energy Saving Technology Co., Ltd



## ULE PANDA LOUVERED CANOPY PERGOLAS



Your Second Space Habitat

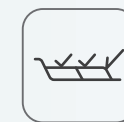
**ULE PANDA**



## Your Second Space Habitat



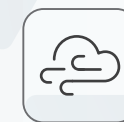
Rain  
Protection



Multiple  
Refraction



Minimalist  
Design



Wind  
Resistance



Smart  
Control

## ▼ ULE PANDA SOLUTION

ULE PANDA pergola series feature a lightweight yet robust frame made from aviation-grade aluminum for superior durability and stability. The Canopy Roof Pergola--Wave uses next-generation waterproof, sun-shading fabric to protect against rain, wind, and sunlight. The Louvered Roof Pergola--Light open louvers allow light and airflow, while closed ones ensure rain protection. The Louvered Roof Pergola--Sky features an X-track retractable louver design, providing open-sky views when retracted and a sealed roof when closed. Optional ULE PANDA Zip Fabric Blinds can be added around the structure to minimize sunlight exposure and prevent insect intrusion, ensuring optimal shade and weather resistance.

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## ▼ FUNCTIONS & APPLICATIONS

03



### EXPAND YOUR LIVING SPACE INTO NATURE

Break down spatial boundaries and seamlessly extend your living room into the outdoors. This versatile haven offers both a tranquil escape and a vibrant space for gatherings, significantly enhancing comfort and happiness within a compact footprint.

### FAMILY GATHERINGS

As night falls, Louvered Roof Pergolas--Sky becomes a transition between home and nature. Evening breezes set the scene for barbecues and heartfelt talks—where future dreams and freedom feel within reach.

### THE OUTDOOR MULTI-FUNCTIONAL ROOM

It breaks the conventional boundaries of interior spaces, seamlessly integrating work, fitness, art, and design into nature. Here, whether working, exercising, or creating, everything is better nurtured.

### COMMERCIAL SPACE EXPANSION

It overcomes spatial and temporal limits, operates regardless of season or weather, and maximizes the use of your business hours and space.



## ▼ PRODUCT FEATURES

### CANOPY ROOF PERGOLAS--WAVE



#### SUN & RAIN PROTECTION

The high-density coated fabric of the canopy offers excellent waterproof and sun-shading performance.



#### HIGH QUALITY & WEATHER RESISTANCE

Aerospace-grade aluminum alloy frame offers high strength, lightweight and excellent weather resistance. Uses the outdoor grade powder coating resists UV, rain, and corrosion. Maintains structural integrity under prolonged sun, rain, and humidity without fading.



#### SMART & SMOOTH CONTROL

FMotorized remote operation with precision gearing ensures quick response and stable performance. Open or close the canopy effortlessly at the touch of a button.



#### WIND & INSECT PROTECTION

The high-strength aluminum frame with a tension system ensures stability in strong wind, preventing billowing or tearing. Sealed-edge roll screens effectively block insects.



#### EFFICIENT DRAINAGE SYSTEM

Internally designed drainage channels and hidden conduits guide rainwater to quickly discharge by gravity, preventing water accumulation. Protects motor and tracks from moisture, enhancing durability.



#### SLEEK DESIGN & EASY INSTALLATION

Featuring a minimalist and stylish design with understated elegance. The modular structure allows for simple installation and maintenance, combining aesthetic appeal with user comfort.

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## LOUVERED ROOF PERGOLAS--LIGHT



#### SUN & RAIN PROTECTION

The roof is made of high quality aluminum alloy. When the louvers are fully closed, they effectively block harsh sunlight and prevent rain from entering, creating a comfortable outdoor space that combines both shading and waterproof performance.



#### DUAL-MODE CONTROL SYSTEM

The louvers support both electric and manual control, allowing flexible adjustment between open, half-open and closed positions. The hidden motor is corrosion-resistant for long-lasting performance, while the manual mode offers a simple and cost-effective operation.



#### CONCEALED DRAINAGE SYSTEM

Rainwater flows from the tilted louvers into integrated gutters and through hidden column drains, ensuring smooth discharge and longer product life.



#### EXCELLENT WIND RESISTANCE

Engineered with a high-strength structure and a robust support system, this product delivers outstanding wind resistance, ensuring safety and stability even in strong winds.



#### EMBEDDED LIGHTING DESIGN

Fabric blinds undergo special treatment to effectively resist corrosion, aging, fading, and deformation--maintaining both functionality and aesthetics even after prolonged exposure to sunlight, rain, and harsh environments.



#### VENTILATION & EASY MAINTENANCE

Perforated fabric blinds allow natural ventilation and enhance outdoor comfort. The powder-coated surface resists UV, rain, and corrosion, ensuring durability and easy maintenance.



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## LOUVERED ROOF PERGOLAS--SKY



### SUN & RAIN PROTECTION

The top is constructed with aluminum alloy for exceptional durability and load resistance. When fully closed, the louvered roof effectively blocks strong sunlight and prevents rain penetration, creating a comfortable and dry outdoor space.



### SMART LOUVER CONTROL

The louvers rotate between 0-90° and can be remotely set to open, half-open, or closed. When closed, they seal tightly to block rain, when open, they nest neatly under the beams, preserving views and light.



### VERTICAL DRAINAGE SYSTEM

The multi-dimensional drainage system directs rainwater from the louvers into a concealed gutter, guides it through internal columns, and efficiently discharges it through hidden bottom outlets.



### EXCELLENT WIND RESISTANCE

Engineered with a high-strength structure and a robust support system, this product delivers outstanding wind resistance, ensuring safety and stability even in strong winds.



### HIGH QUALITY & WEATHER RESISTANCE

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### VENTILATION & EASY MAINTENANCE

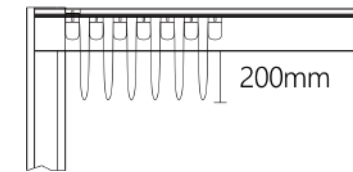
Perforated fabric blinds allow natural ventilation and enhance outdoor comfort. The powder-coated surface resists UV, rain, and corrosion, ensuring durability and easy maintenance.

06

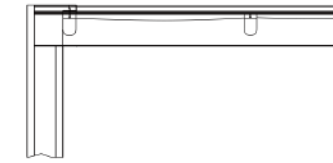
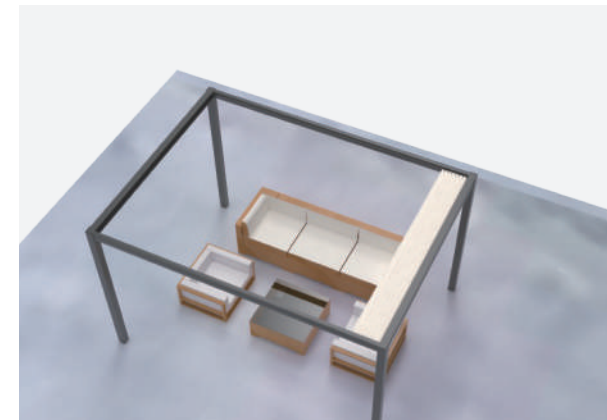
## ▼ PRODUCT STRUCTURE

### CANOPY ROOF PERGOLAS--WAVE

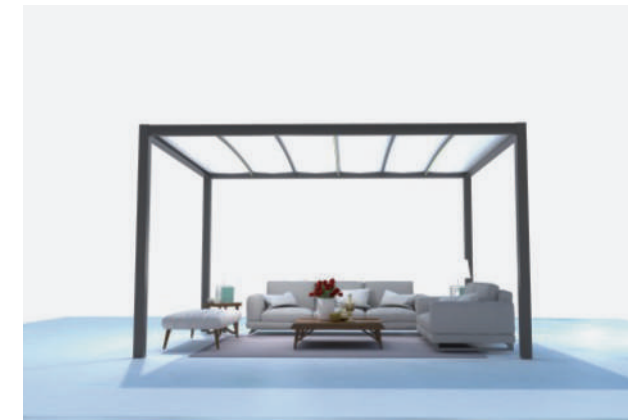
The maximum distance from the beam bottom to the lowest edge of the fabric when retracted is 200mm.



Open:



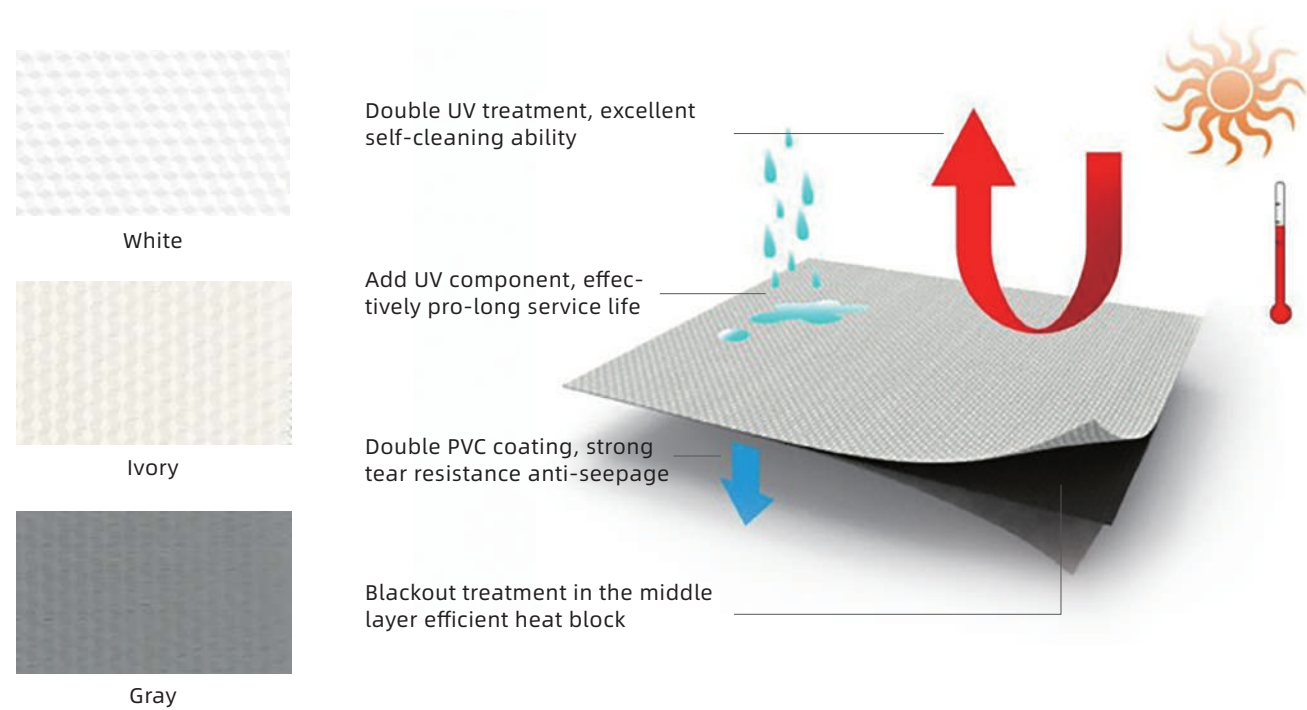
Close:



07



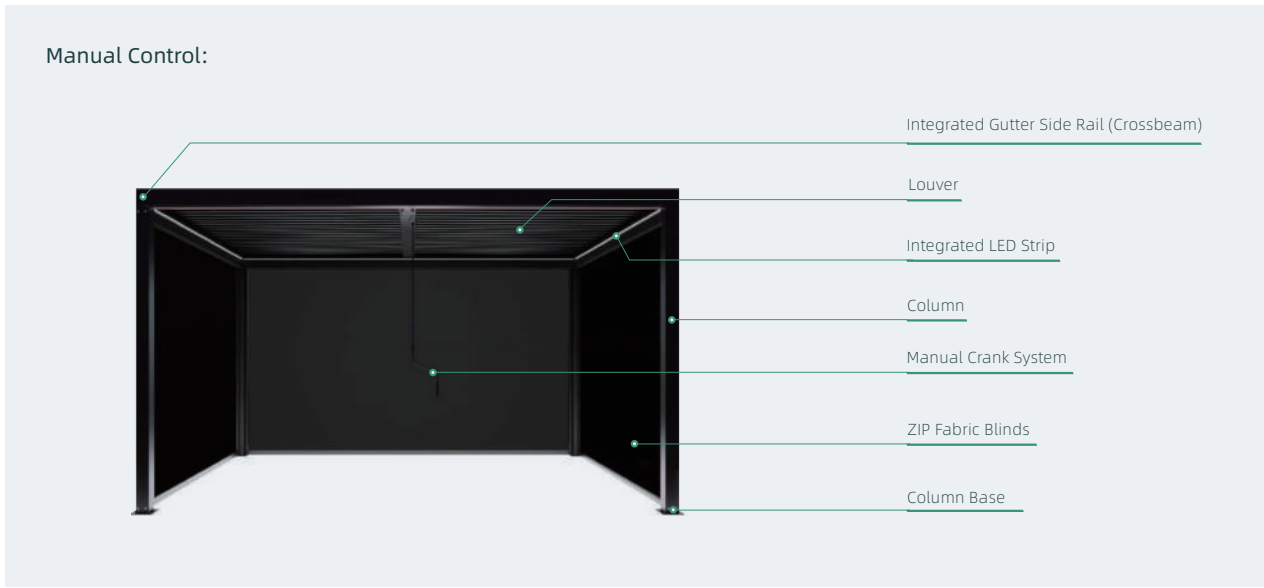
FABRIC SPECIFICATION



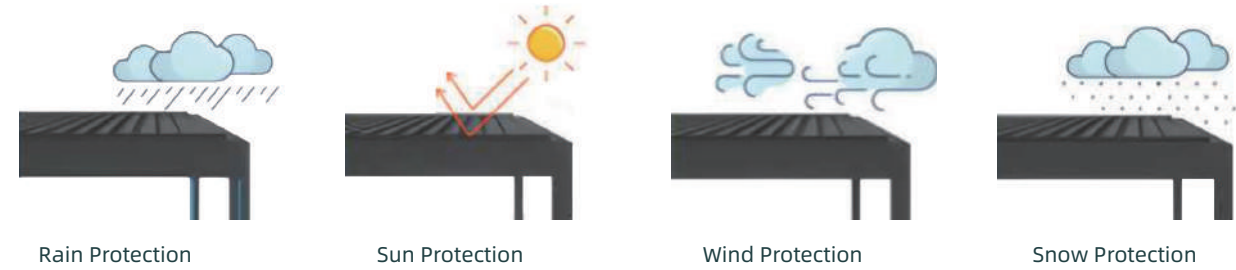
PRODUCT SPECIFICATIONS

|                   |                                                |
|-------------------|------------------------------------------------|
| Color             | Gray, White(customized color)                  |
| Material          | Aluminum Alloy                                 |
| Size              | Length ≤ 4M, Width ≤ 3.5M Coverage Area ≤ 14m² |
| Surface Solution  | Powder Coating                                 |
| Control Mode      | Remote Control                                 |
| Motor             | Domestic Motor                                 |
| Operating Voltage | 220V                                           |

LOUVERED ROOF PERGOLAS--LIGHT



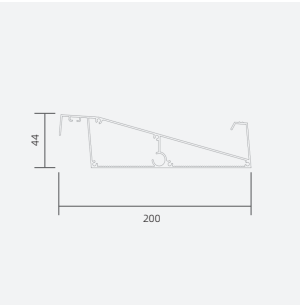
FUNCTIONS & ADVANTAGE



|                  |                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Color            | Gray/Brown/White/Customized color                                                                                                |
| Material         | Aluminum Alloy                                                                                                                   |
| Size             | Length ≤ 4M, Width ≤ 4M Coverage Area ≤ 14m²(If you add columns and middle and side rails, there is no limit on length and area) |
| Surface Solution | Powder Coating                                                                                                                   |

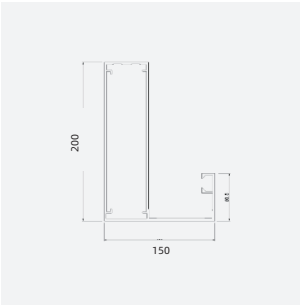
| TYPE             | CATEGORIES                  | SPECIFICATION | THICKNESS |
|------------------|-----------------------------|---------------|-----------|
| Manual Control   | Louver                      | 145*23.5mm    | 1.5mm     |
|                  | Integrated Gutter Side Rail | 100*120mm     | 2.0mm     |
|                  | Column                      | 100*100mm     | 1.8mm     |
|                  | Middle Side Rail            | 120*105mm     | 2.0mm     |
| Electric Control | Louver                      | 200*44mm      | 1.8mm     |
|                  | Integrated Gutter Side Rail | 200*150mm     | 3.0mm     |
|                  | Column                      | 150*150mm     | 2.8mm     |

▼ Louver



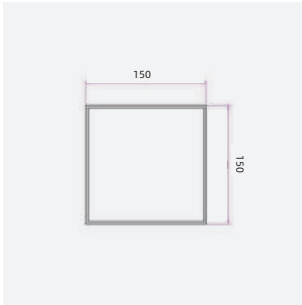
200\*44mm

▼ Integrated Gutter Side Rail



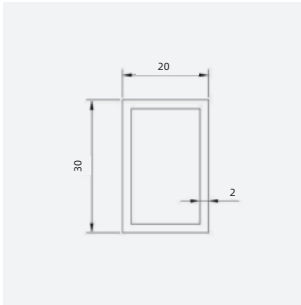
200\*150mm

▼ Column



150\*150mm

▼ Drive Shaft



20\*30mm

LOUVERED ROOF PERGOLAS--SKY

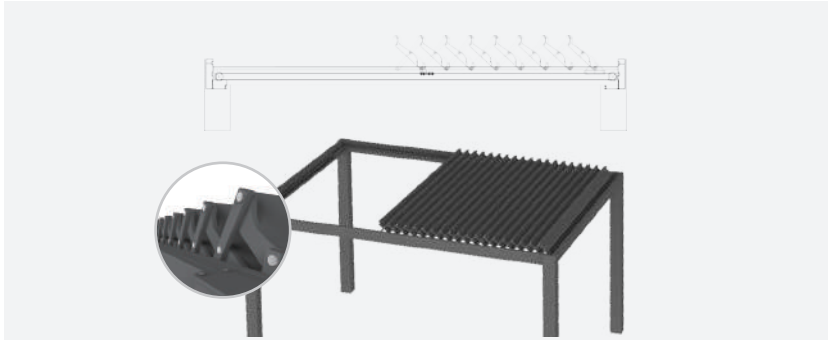
TOP STRUCTURE

The louvers open and close in an X-pattern along the track. When fully closed, they provide excellent rain and sun protection. On sunny days, users can precisely adjust the shading area and light angle to block strong UV rays. During rain, the fully closed setting allows you to enjoy the outdoors worry-free.

Advantage:



Open:

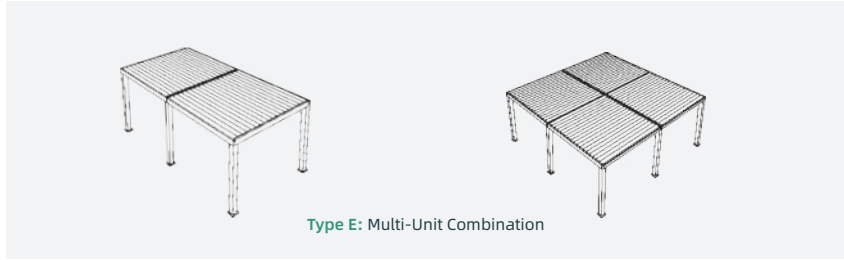
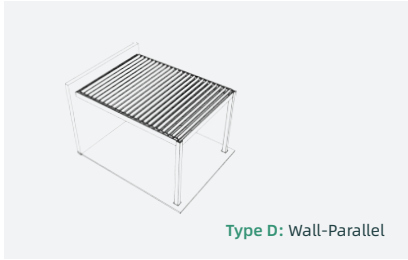
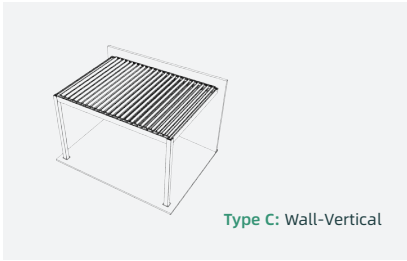
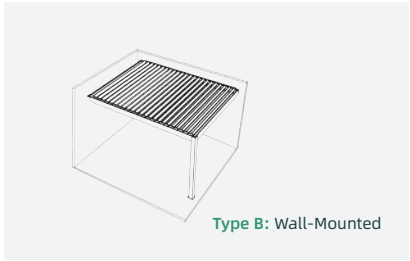
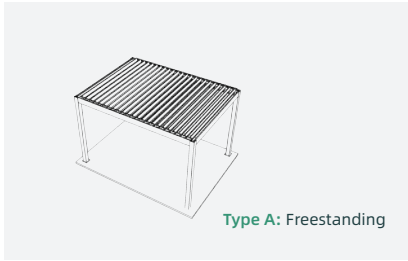


Close:



INSTALLATION OPTIONS

Supports multiple installation methods including freestanding, wall-mounted, wall-adjacent, and multi-unit combinations to suit diverse site requirements.



## VERTICAL DRAINAGE SYSTEM

The multi-dimensional drainage system directs rainwater from the louvers into a concealed gutter, guides it through internal columns, and efficiently discharges it through hidden bottom outlets.



Rainwater flows from louvers to gutter, into columns, and out through bottom outlets.

## PRODUCT SPECIFICATIONS

|                  |                                              |
|------------------|----------------------------------------------|
| Color            | Standard color: Dark Gray                    |
| Material         | Aluminum Alloy                               |
| Size             | Length ≤ 6M, Width ≤ 4M Coverage Area ≤ 24m² |
| Surface Solution | Powder Coating                               |
| Control Mode     | Remote Control                               |

▼ Column



150x150x2.8mm

▼ Louver



240x41x1.8mm

▼ Crossbeam



170x124x2.8mm

▼ Gutter Flange



59x15x1.5mm

▼ Track



102x57x1.6mm

## ▼ COMPATIBLE PRODUCT – ZIP FABRIC BLINDS

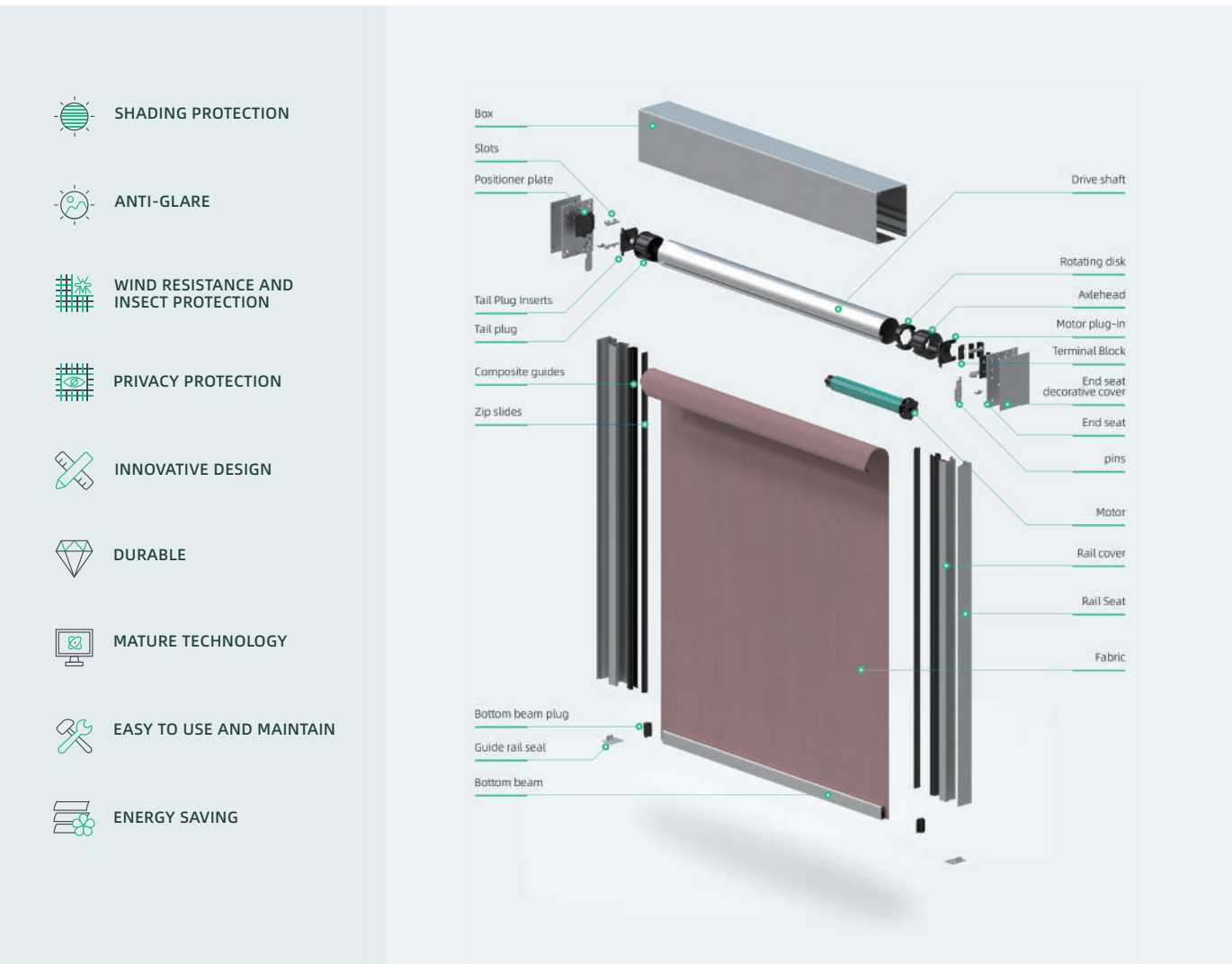


This all-season shading solution effectively blocks direct sunlight. The irregular micro-openings on the fabric reduce glare while preserving a soft visual connection to the outdoors. It also provides insect protection and is made of flame-retardant material for added safety.



## FUNCTIONS&FEATURES

Available in diverse models covering Series 100 to 132, the zip fabric blinds offer both concealed and exposed options for bottom rails and guides. This flexible design adapts to various installation scenarios, meeting aesthetic and functional needs across different spaces.



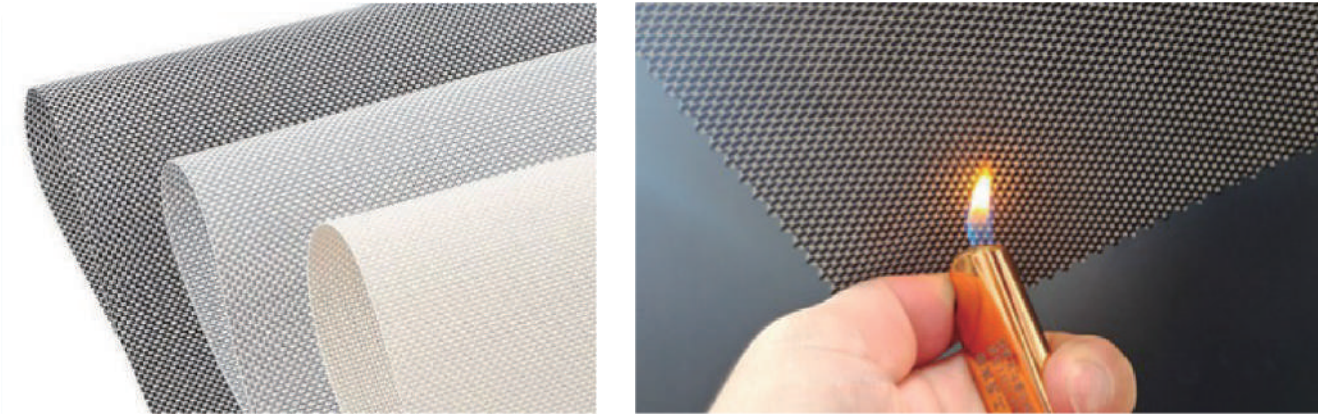
PRODUCT ADVANTAGES

ADVANCED SYSTEM & PREMIUM MATERIALS & CUTTING-EDGE DEDICATED EQUIPMENT

| CATEGORIES  | ULE PANDA                                                                                         | OTHER BRAND                                                                                      |
|-------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| EQUIPMENT   | Made in Spain Seamless Welding<br>Patented Technology                                             | Standard Domestic Welder · Average<br>Precision · Limited weld flatness                          |
| BOX         | Series 100-132 Products Adapt to<br>All Installation                                              | Limited Styles · Poor adaptability<br>Front Maintenance Only                                     |
| GUIDE RAIL  | Co-Extruded Zipper Track, Even Tension<br>Snap-Fit Design, Quick Installation                     | Sponge Pads or Spring Clamps<br>Assembled Track Exposed Screws                                   |
| DRIVE SHAFT | Core Materials for Critical Applications<br>Quick-Release Strip for Shaft-to-Fabric<br>Connection | Thin-walled Aluminum Shaft · Low<br>Strength<br>Strip-Insert Connection · Difficult to<br>Repair |
| END SEAT    | Sliding Groove End Base<br>Integrated Plug-in Power System                                        | Motor Mounted with Simple Bracket<br>Direct Screw Connection<br>Motor Wires Embedded in Wall     |
| MOTOR       | Dedicated Equipment with Obstacle<br>Detection<br>Quiet Motor Smooth and Low-Noise<br>Operation   | Forced Operation under Resistance<br>Standard Motor Strong Vibration and<br>High Noise           |
| FABRIC      | Outdoor-Weathered Materials<br>Nano Coating                                                       | Unknown Small-Brand Fabric · Poor<br>Material and Craftsmanship                                  |
| COATING     | Outdoor Standards                                                                                 | Powder-coated Finish · Prone to<br>Discoloration and Peeling                                     |

PRODUCT MATERIAL

Made of specialized outdoor material (Fiberglass & PVC), features B1 flame retardancy–self-extinguishing and eco-friendly. With multiple openness ratios and colors. The vibrant colors offer 8-grade color fastness to prevent fading, fitting various aesthetic themes.



ULEPANDA

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