

# 2026



SMART LOUVER

Global Professional High-end Outdoor  
Courtyard Integrated Supplier

Features of 200 colors options and 6-meter span blade  
leading the trend of luxury visual with technology



**CUSTOMIZED ELECTRIC  
LOUVERED PERGOLA**

**Builder Solution**  
[www.buildersolutionus.com](http://www.buildersolutionus.com)

## COMPANY PROFILE

## COMPANY PROFILE



**18**

(18 years experience )

**10**

(10 years warrenty )

**10000**

(10,000m<sup>2</sup> big factory)

**100+**

(100+ countries )

### ABOUT US

**Builder Solution** specializes in providing high-end, comprehensive and one-stop solutions for outdoor living spaces, with over 15 years of industry experience. Our primary products include aluminum pergolas, aluminum windows and doors, outdoor kitchens, and outdoor furniture and so on. We are dedicated to delivering seamless solutions for our clients, and our business is founded on principles of integrity and supported by exceptional customer service.



# PRODUCT INTRODUCTION

## How Pergola Works



Waterproof

Windproof

Sunshade



Ventilation

0-130°C open

Snow load:200kgs/m<sup>2</sup>

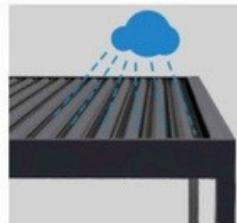
# PRODUCT INTRODUCTION

**Louvered Pergola** is a main shading structure for the new outdoor living space. The blades are operable and this enable the pergola to always provide the best environment. multipurpose usage scenarios, diversified design styles and impeccable control system ensure pergola to integrate as a single item into leisure living spaces. We offer both electric or manual control systems, standard or customize sizes.

**Louvered Pergola** is a high-quality outdoor leisure shading product which can suit different living spaces.



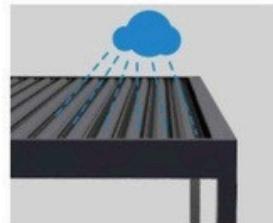
Rubber strip built into blades  
To reach 100% waterproof



Rubber strip built into blades  
To reach 100% waterproof



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To reach 100% waterproof



Rubber strip built into blades  
To reach 100% waterproof

## Dimension



3x3 double 140 louvers



3x4 double 140 louvers



3x6 double 140 louvers



4x4 double 140 louvers

All other sizes can be customized

## Application



Garden



Villa



Backyard



Swimming Pool



Balcony



Restaurant

# PRODUCT INTRODUCTION

## Design Options

tip1



Freestanding pergola

tip2



Attached to house pergola  
Venetian blinds perpendicular to the wall

tip3



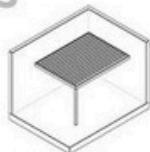
Attached to house pergola  
Venetian blinds perpendicular to the wall

tip4



Attached to house pergola  
Venetian blinds parallel to the wall

tip5



Attached to house pergola  
Venetian blinds parallel to the wall

tip6



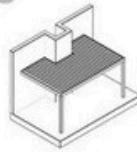
Freestanding pergola  
Arbitrary allocation of pillars

tip7



Attached to house pergola  
Venetian blinds perpendicular to the wall

tip8



Attached to house pergola  
Venetian blinds perpendicular to the wall

## Customized Colors

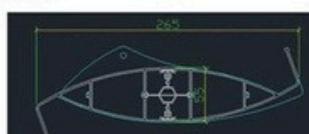
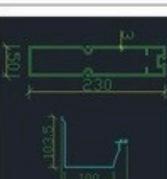
More than 200 other RAL colors are available as a option



# MODEL INTRODUCTION

## 1.265 Series

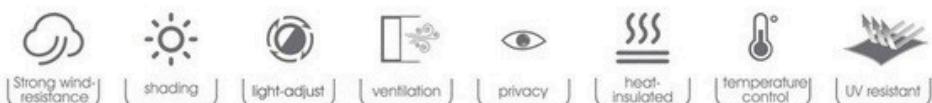
### Material Specifications

Blade	Post	Beam
		
265*55*2.2mm	Size:200*150*3mm	Size:230*150*3mm
		

Material: Aluminum alloy 6063 T5  
Function: Waterproof, Windproof, Sunshade

Material: Aluminum alloy 6063 T5  
Function: Support, drainage

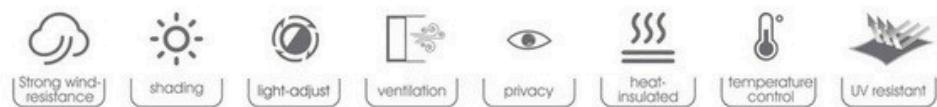
Material: Aluminum alloy 6063 T5  
Function: Support, drainage



## MODEL INTRODUCTION

### 2.220 type

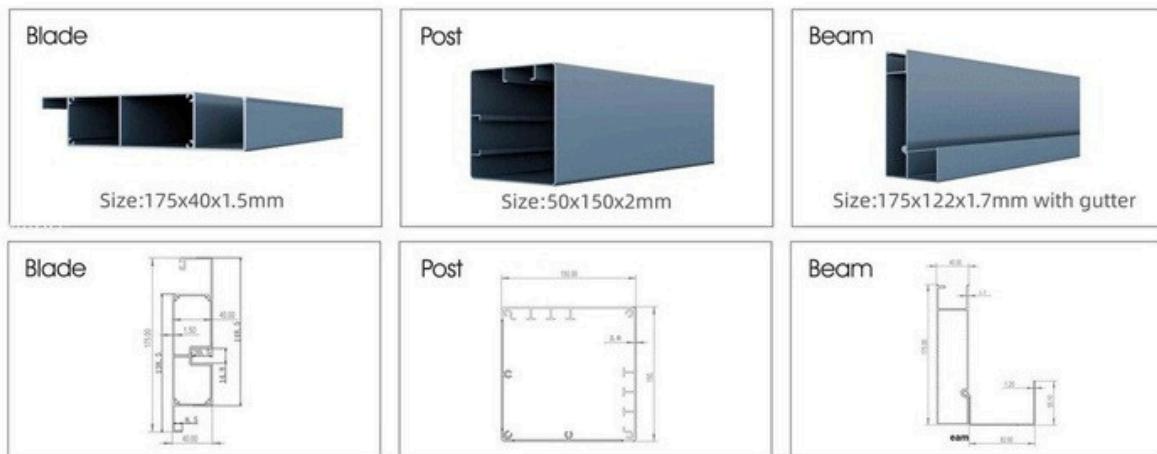
#### Material Specifications



## MODEL INTRODUCTION

### 3.175 Series

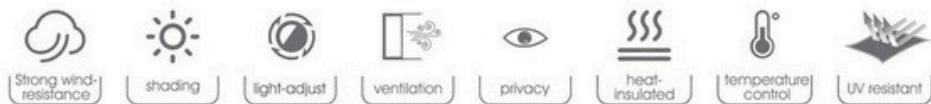
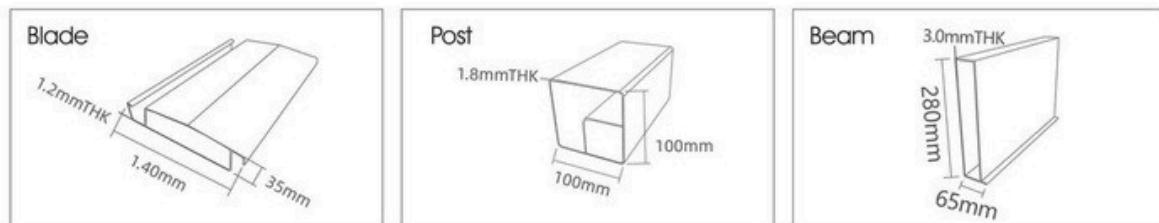
#### Material Specifications



## MODEL INTRODUCTION

### 4.140 Series

#### Material Specifications



## RELEVANT OPTIONS

### Blinds



### Ceiling Fan



### Glass Door



### Heater



### LED Light

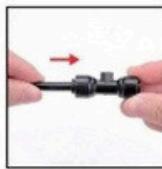


## RELEVANT OPTIONS

### Mister System



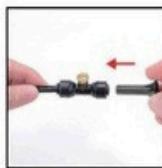
Cut the tube according to your needs



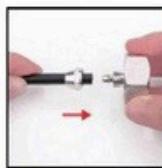
Insert the tube to the tee joint



Screw the brass nozzles tightly to the tee joint



Insert the endcap in last tee joint



Insert the tube to the faucet connector



Connect the faucet



Tee Joint  
(50PCS)



Brass Nozzles  
(50PCS)



End Cap  
(2PCS)



Brass Faucet  
Connector  
(1PCS)



### Shutter



Fixed shutter  
OS-1



Bi-Folding shutter  
OS-2



Sliding shutter  
OS-4

### Solar Panel



### Speaker



Bluetooth version:4.0  
Transmission distance:>10 meters



White light power: 5W  
White light power: 2.5W  
Horn power: 5W  
Sensitivity: 98dB  
Shape diameter: 115mm  
Opening diameter: 85mm  
Powersupply:Input 100-240V  
Output :18V2A

### Wind And Rain Sensor





## Builder Solution

📞 8589999081  
📍 San Diego, CA  
✉️ [info@buildersolutionus.com](mailto:info@buildersolutionus.com)  
🌐 [www.buildersolutionus.com](http://www.buildersolutionus.com)