

LIFTA[®]
WINDOW COVERING

LIFTA[®]
WINDOW COVERING



HOT!

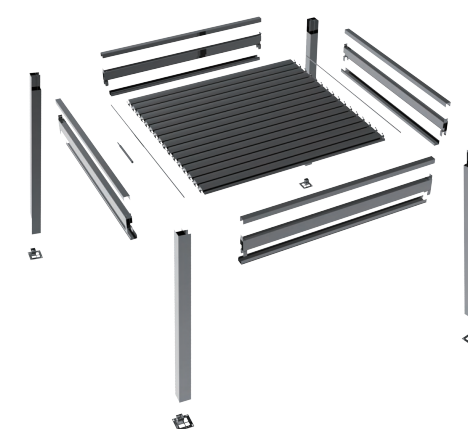


LIFTA[®]
WINDOW COVERING





PERGOLA SERIES

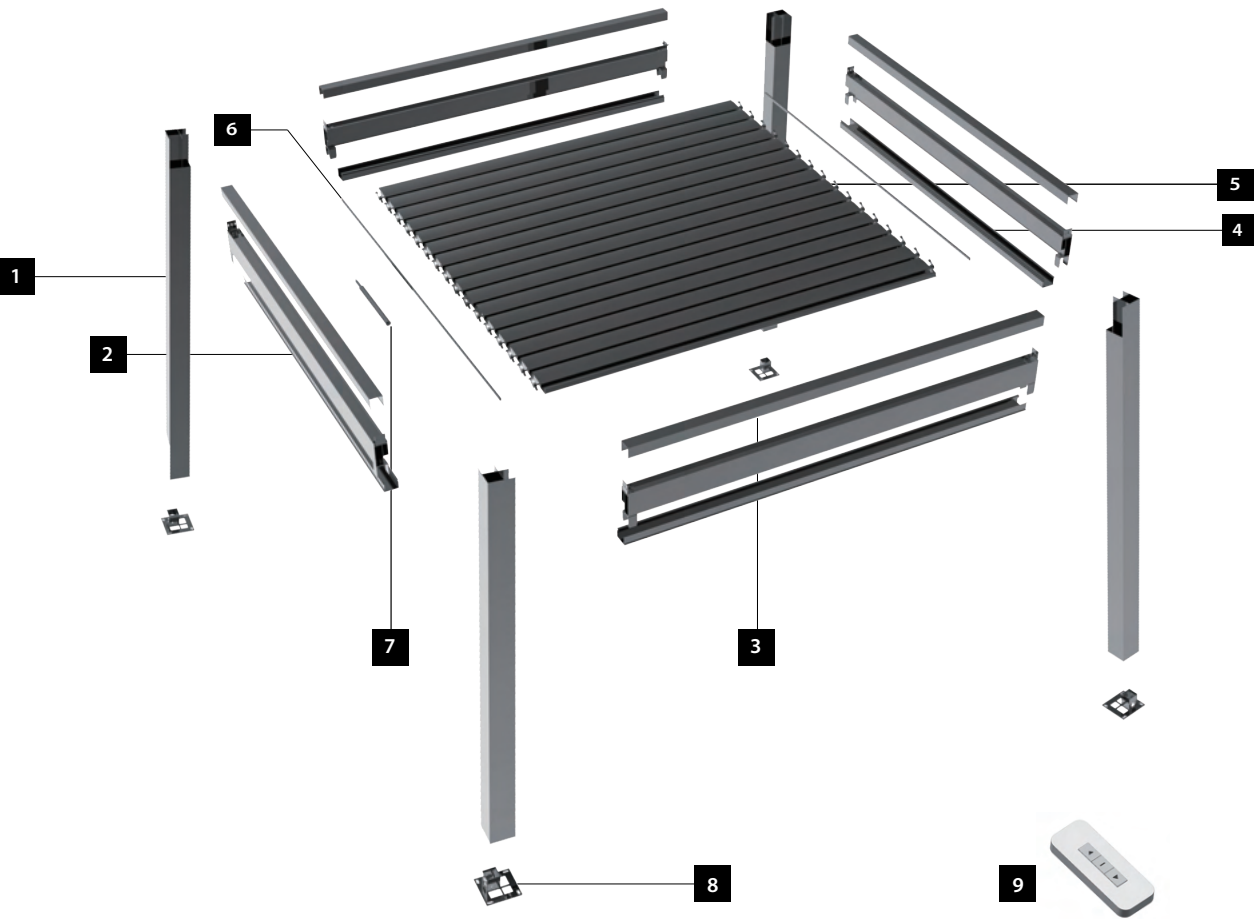


PL01 PLUS HOT

Bioclimatic Aluminum Pergola Plus

PL01 PLUS

Bioclimatic Aluminum Pergola Plus



Accessories Overview

- | | | |
|-------------|------------------|------------------|
| 1 Post | 4 Gutter | 7 Motor |
| 2 Beam | 5 Louver | 8 Base |
| 3 Top Cover | 6 Connecting Rod | 9 Remote Control |

Basic Parameters

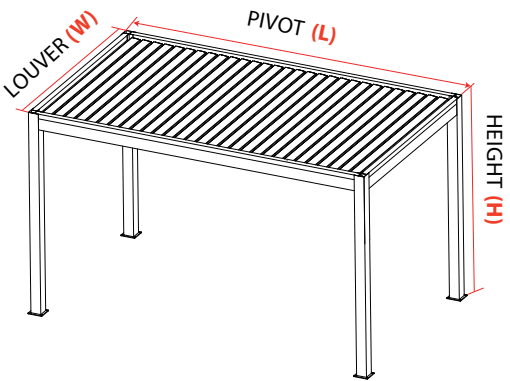
Standard Dimensions (W*L*H)	141.73×118.11×106.29in	141.73×157.48×106.29in
	141.73×196.85×106.29in	141.73×236.22×106.29in
Custom Dimensions	39.37in ≤ W ≤ 177.16in 39.37in ≤ L ≤ 236.22in 39.37in ≤ H ≤ 118.11in	
Color	White/dark gray	
Control	Remote control	
Material	Aluminum alloy	
Functions	Rainproof,windproof,anti-snow,sun-protection,anti-mosquito etc.	
Application	Private residence, restaurant, hotel, real estate project, club, sanatorium, office building, school etc.	

Standard Dimensions (Louver*Pivot*Height)

141.73×118.11×106.29in 141.73×157.48×106.29in
141.73×196.85×106.29in 141.73×236.22×106.29in

Custom Dimensions

LOUVER:39.37in ≤ W ≤ 177.16in
PIVOT:39.37in ≤ L ≤ 236.22in
HIGHT:39.37in ≤ H ≤ 118.11in



Installation



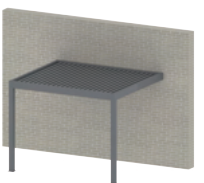
Free Standing



Assembled Length

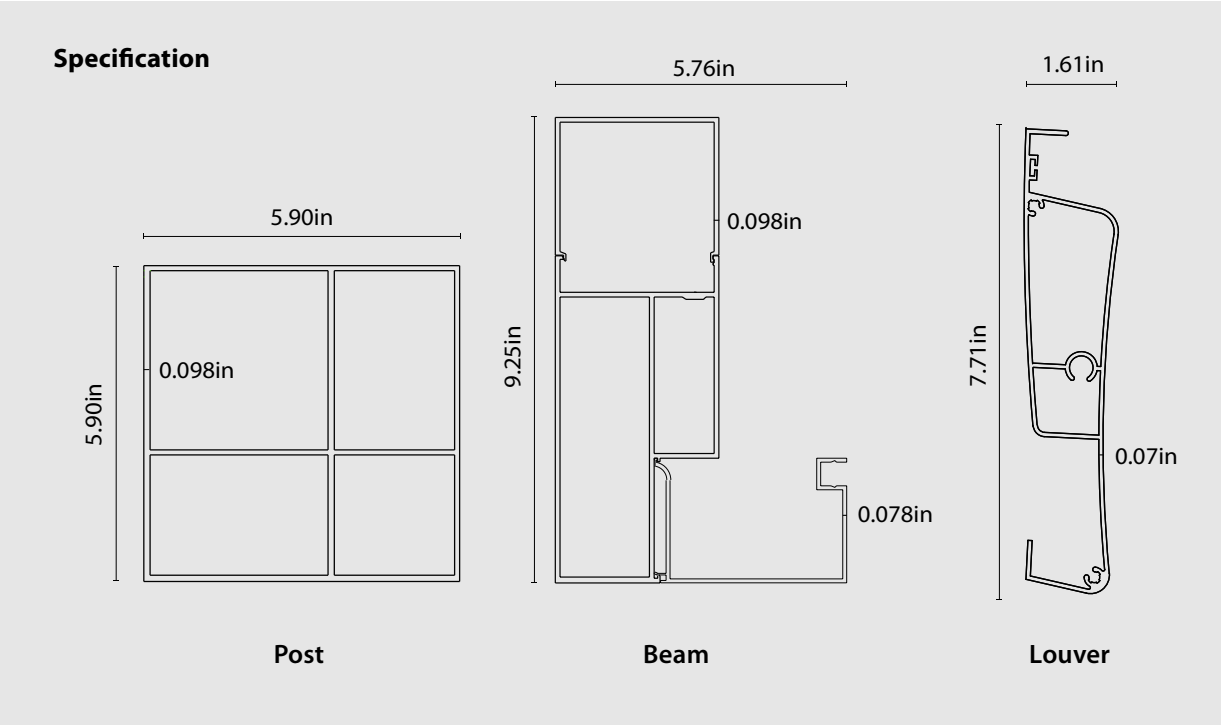


Assembled Width

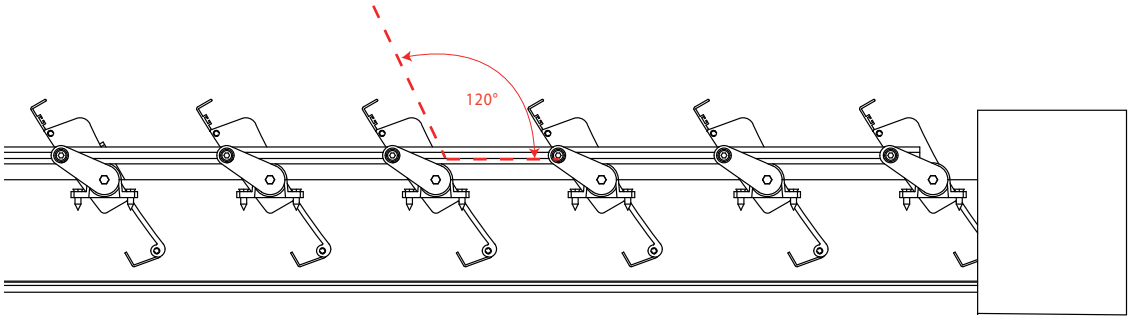


Wall Mount

Basic Parameters



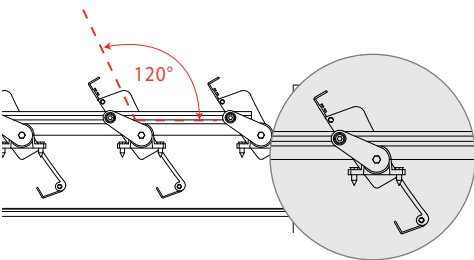
Description of louver rotation



Effect Display



SUNSHADE DIMMING



01 Flip The Louvers 120
Flip The Louvers 120 ° And Adjust The Light As Desired.



02 Closure Is Good
The Louvers closure is good, and there is no light leakage at the top when fully closed.

WINDPROOF & RAINPROOF



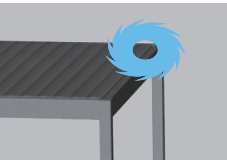
The post, beam, and louver connections are robust, providing excellent wind resistance.



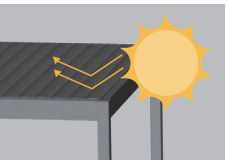
Rainproof



Snow Prevention



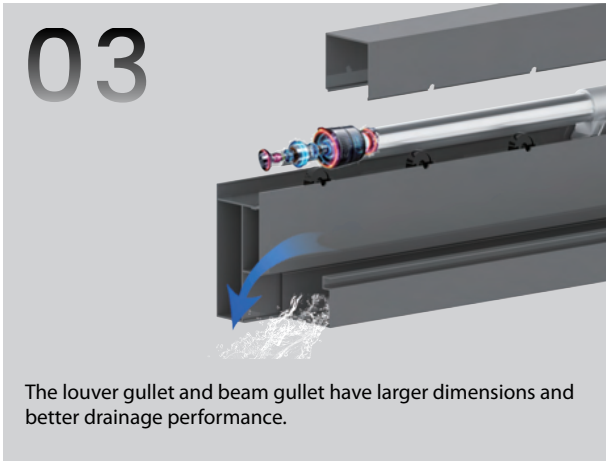
Wind And Earthquake Resistance



Sunscreen



Fire Prevention



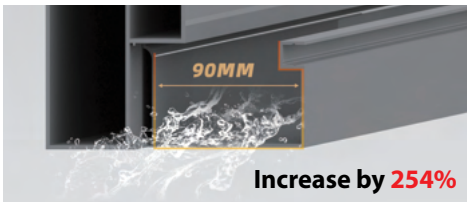
The louver gullet and beam gullet have larger dimensions and better drainage performance.



Controller and motor installed and hidden away from rain, LED light stripe with convenient connection and waterproof, and the water and electricity lines are separated for greater safety.



05 More Big
Posts, beams, gullet, etc. are designed with enlarged and thickened dimensions for stability and firmness.



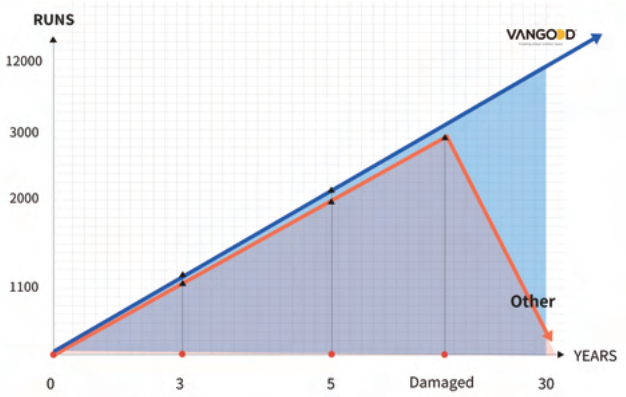
Comparison PL01

06 Infinite splicing
Single pergola installation biggest size is 6000 mm X 4500mm, and the same direction infinite splicing.

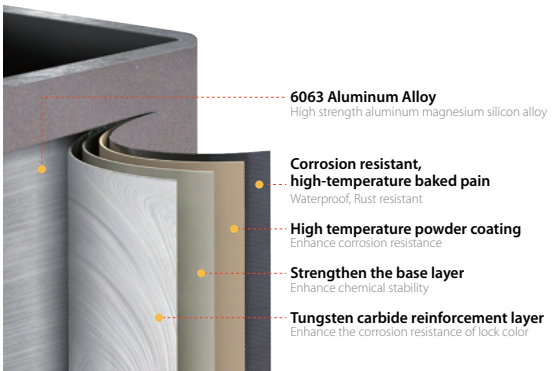


MORE ROBUST

07 The all-weather outdoor test has more than 12,000 times of safe operation without fault, and the service life is more than 30 years.



08 Controller and motor installed and hidden away from rain, LED light stripe with convenient connection and waterproof, and the water and electricity lines are separated for greater safety.

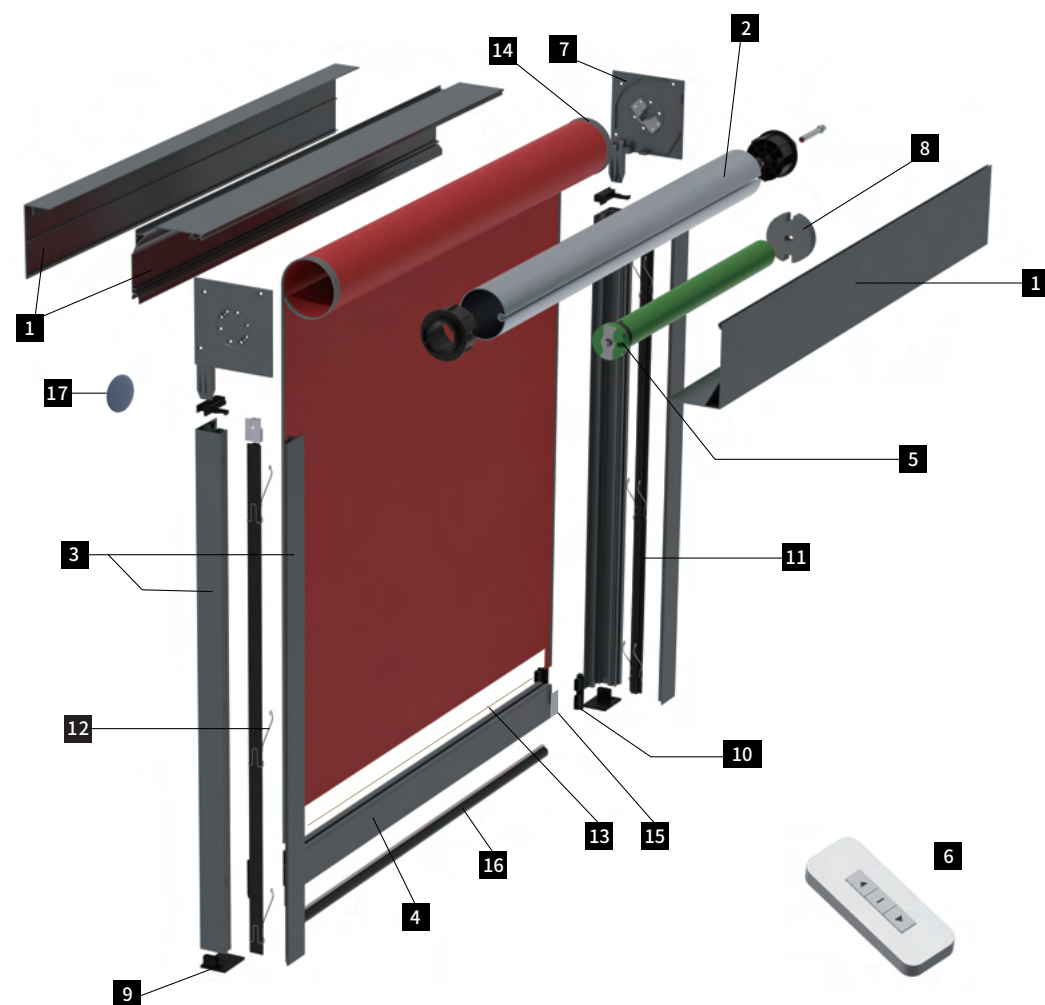


ZT18

HEAVY DUTY
ZIPPER TRACK BLIND



ZT18 Heavy Duty Zipper Track Blind



Accessories Overview

- | | | |
|------------------|------------------------|------------------------------------|
| 1 Headrail | 7 Side cap kit | 13 Fabric fix rod |
| 2 Iron tube | 8 Motor drive kit | 14 Zipper |
| 3 Side rail | 9 Side rail cap kit | 15 Counterweight |
| 4 Bottom rail | 10 Bottom rail cap kit | 16 Rubber buffer |
| 5 Motor | 11 Inner track | 17 Metal logo sticker (customized) |
| 6 Remote control | 12 Special spring | |

Accessories introduction

Aluminum alloy profiles

ZT18

1 Headrail

6063 aluminum rod is integrally cast and formed, made of all aluminum alloy material, with high strength and durability; Adopting electrostatic outdoor powder spraying technology, rust proof and anti-corrosion.



2 Iron tube

High strength iron tube.



3 Side rail



4 Bottom rail



Drive system

ZT18

5 Motor

Famous brand motors with reliable safety protection devices; High precision, high speed and high load.



6 Remote control



Cast aluminum parts

ZT18

7 Side cap kit

Cast aluminum parts, integrated casting molding, high precision and high strength; Adopt electrostatic outdoor powder spraying process to prevent rust and corrosion.



Plastic parts

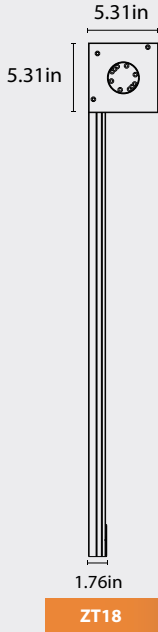
ZT18

8 Motor drive kit

Nylon raw material, durable and long-lasting.



Basic parameters



5.31in

5.31in

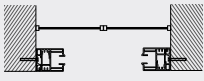
1.76in

ZT18

Limit value	Max: 275.59in wide and 177.16in high Min: 27.55in wide and 39.37in high
Color	White / Black/ Dark grey
Control	Remote Control
Material	Aluminum Alloy Profile + Nylon Accessories

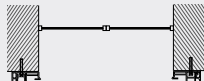
Installation top view

Window



Inside mount

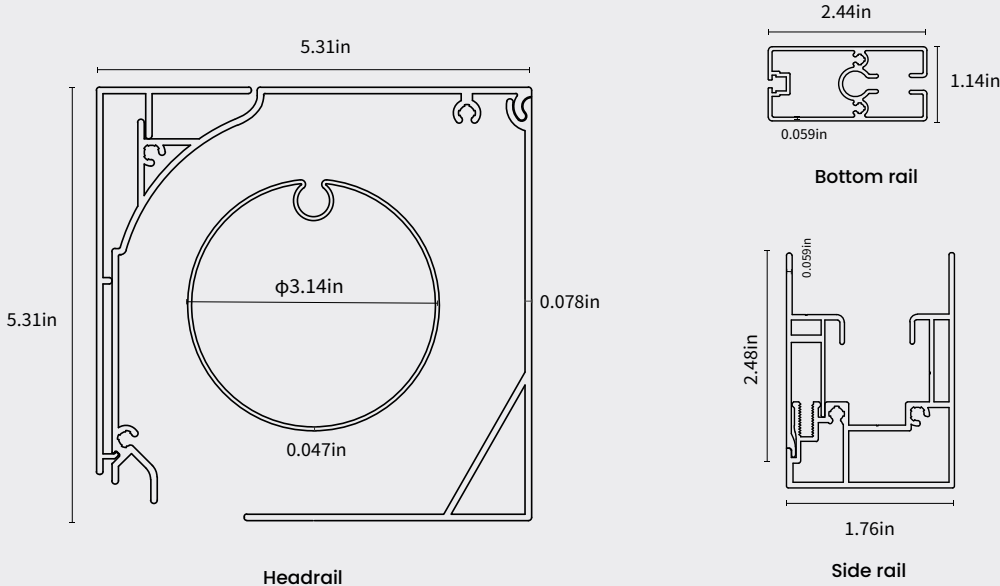
Window



Outside mount

Basic parameters

Specification



5.31in

5.31in

0.078in

0.047in

φ3.14in

2.44in

1.14in

0.059in

Bottom rail

0.059in

2.48in

1.76in

Side rail

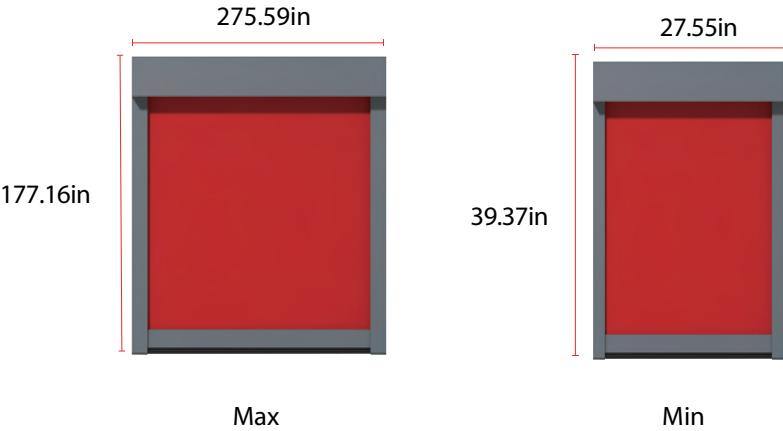
Headrail

Counterweight description

Counterweight can be added to the bottom rail, and galvanized flat iron (each 5mm thick) can be stacked according to the width.

Maximum installation area
Width:275.59in Height:177.16in

Minimum installation area
Width:27.55in Height:39.37in



Counterweight Requirement		Width					
		27.55in	39.37in	78.74in	118.11in	157.48in	196.85in 236.22in
Height	0-39.37in	3PCS		1m galvanized flat iron on both sides, PVC tube in the middle			
	39.37-78.74in						
	78.74in-177.16in						

Motor description
Different width blinds with different specifications of motors.

Width						
27.55in	39.37in	78.74in	118.11in	157.48in	196.85in	236.22in
20N Motor					40N Motor	

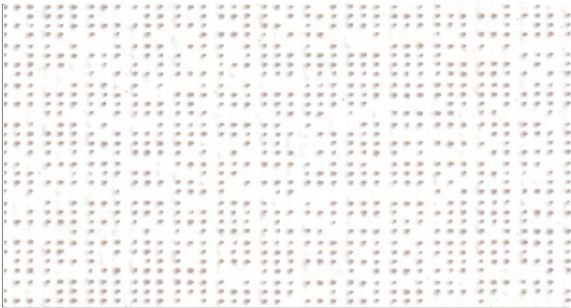
Fabric cutting instructions
Different width blinds need to be cut into different sizes of fabrics.

Width						
27.55in	39.37in	78.74in	118.11in	157.48in	196.85in	236.22in
Fabric reduce 3.14in						

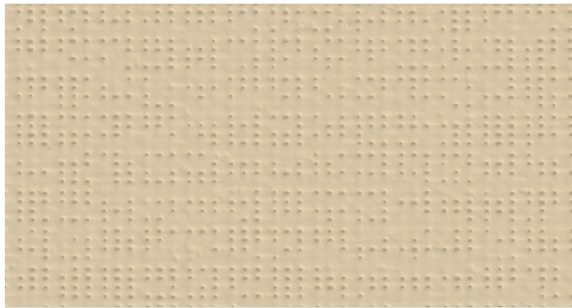
Fabric Selection

HELIOS

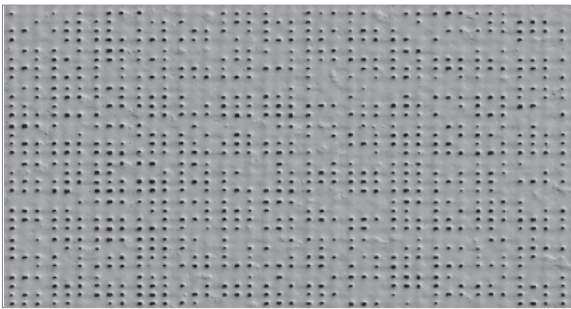
Openness Factor 4%



HELIOS - HL-MY-401



HELIOS - HL-MY-403



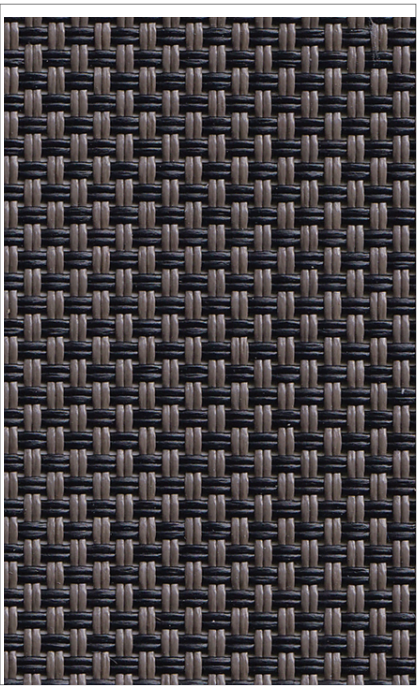
HELIOS - HL-MY-405



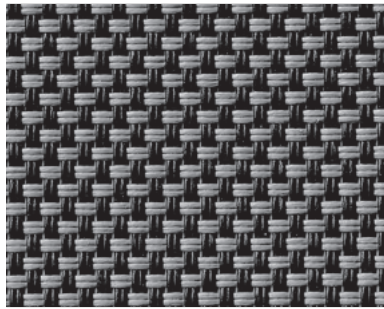
HELIOS - HL-MY-409

RAINCOAT

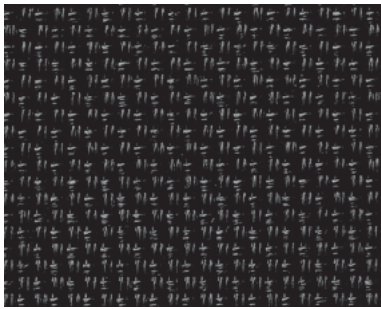
Openness Factor 5%



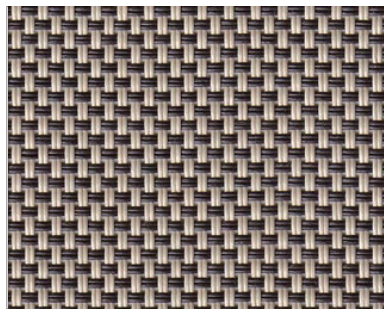
RAINCOAT RC-A1-508



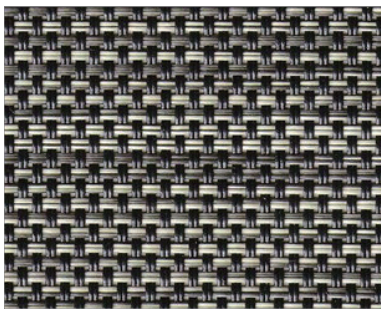
RAINCOAT RC-A1-510



RAINCOAT RC-A1-511



RAINCOAT RC-A1-512



RAINCOAT RC-A1-513

Fabric Basic Parameter

Product	Weight	Thickness	Yarn Count	Openness Factor	Color Fastness
HELIOS	440g/m ² ±5%	0.0177in±5%	/	4%	8 Grade
SC-A1	514g/m ² ±5%	0.029in±5%	36 * 36	5%	8 Grade

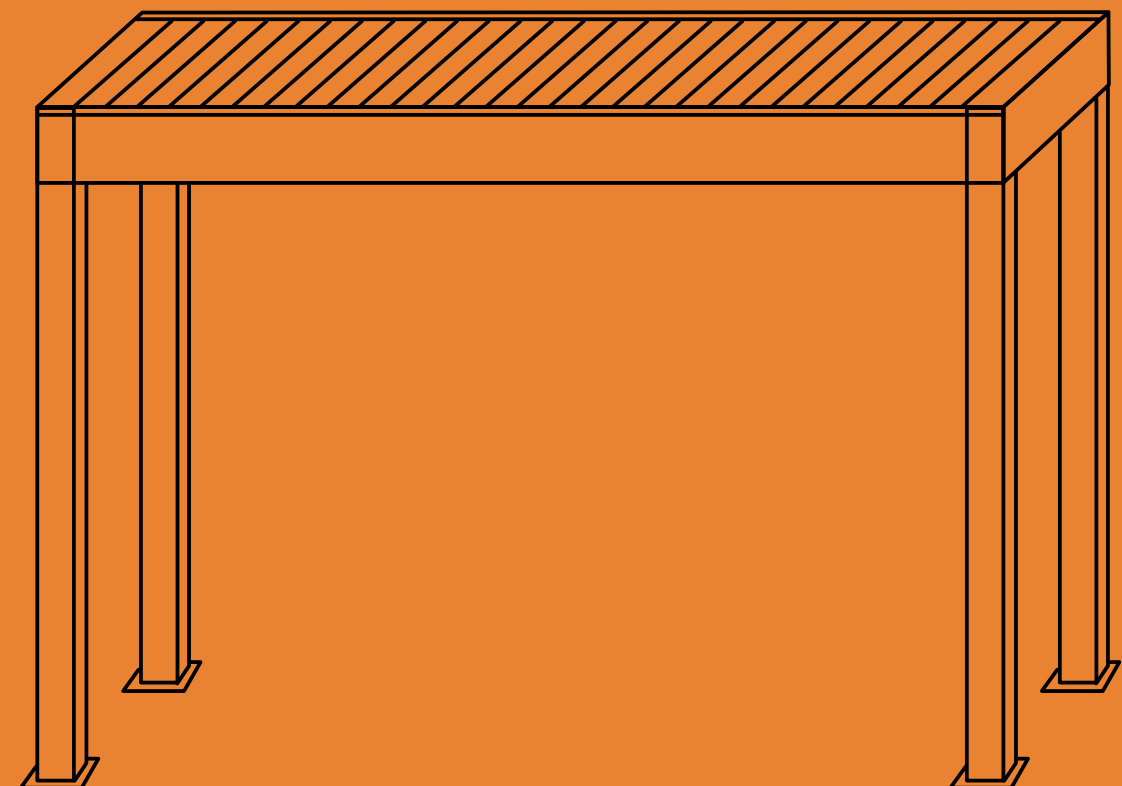




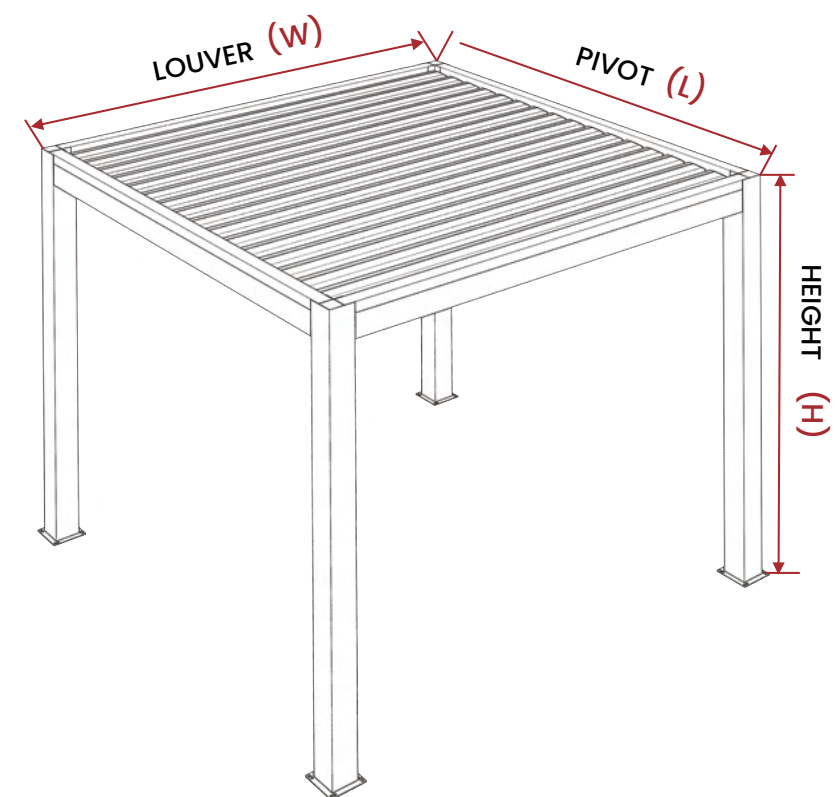
PERGOLA PRODUCT MANUAL

INSTRUCTION MANUAL

PL01 PLUS



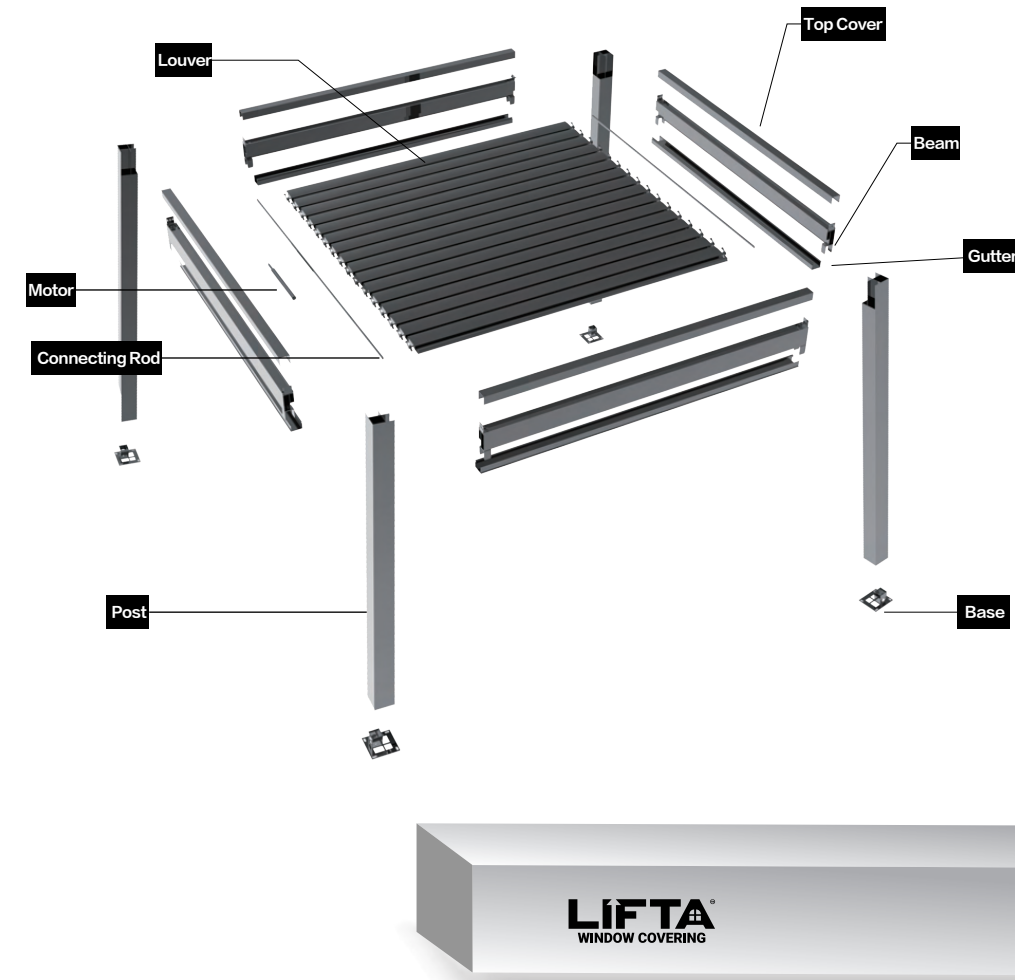
Pergola



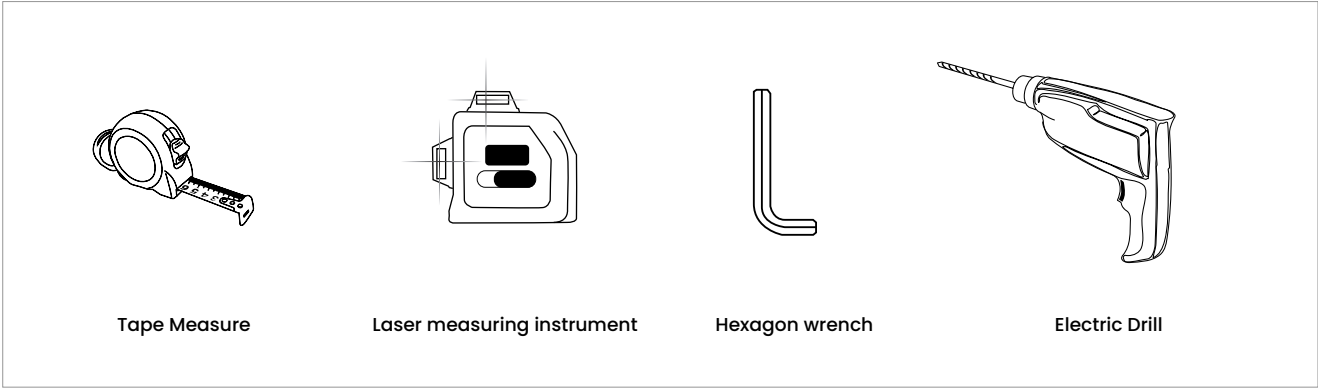
Basic Parameters

Standard size	141.73×118.11×106.29in 141.73×196.85×106.29in	141.73×157.48×106.29in 141.73×236.22×106.29in
Color	Dark Gray / White	
Control	Electric Remote Control	
Material	Aluminum Alloy Profile	
Function	Rain proof/Windproof/Snow protection /Sun protection /Fire prevention/anti-mosquito	
Application	Private house/Commercial places /Restaurants /Hotels /Clubs /Estate projects etc	

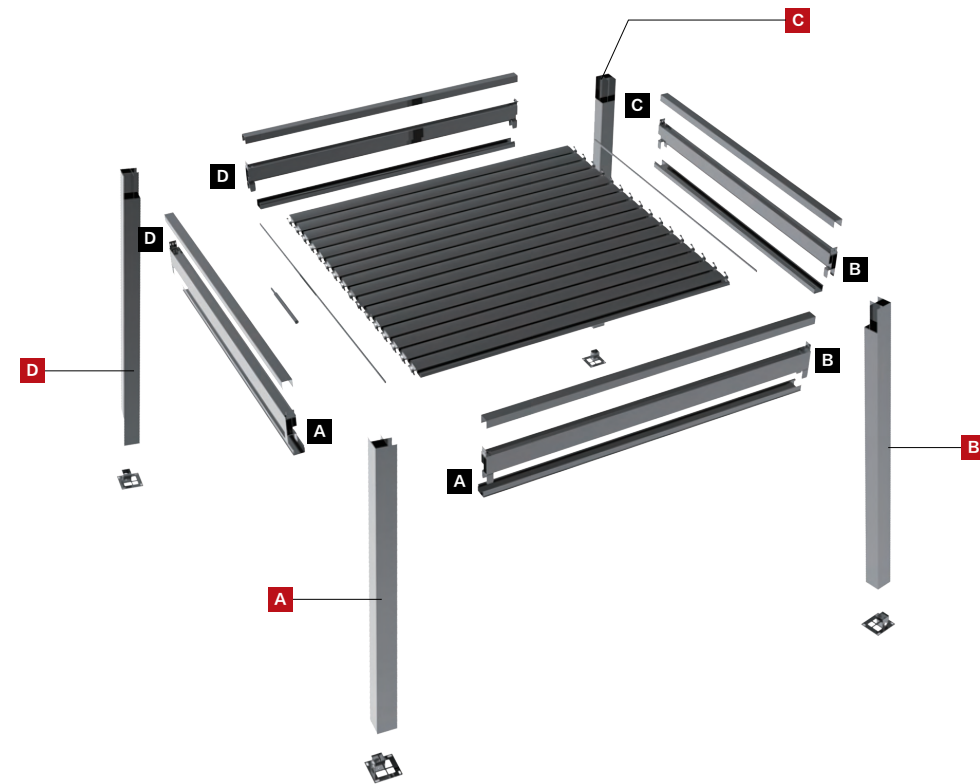
The Packing Detail



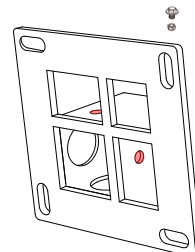
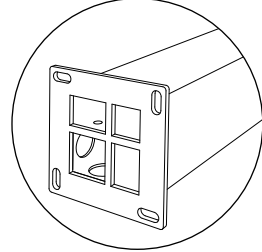
Installation Tool



Installation instructions

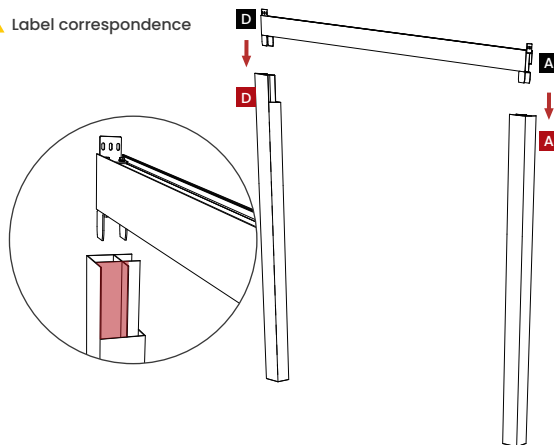


- 1 The four bases are fixed at the lower end of the post, expansion bolt are punched inside the post, and the outer round hole is blocked with rubber plugs;



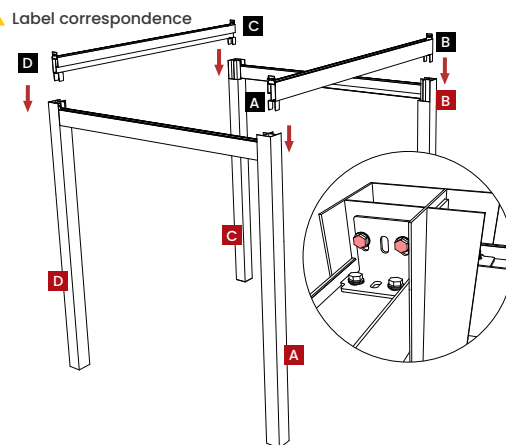
- 2 Insert the U-shaped parts of the pivot beam into the post to connect with it, and gently stand up after adjustment;

⚠ Label correspondence



- 3 Install the Louver direction beam, and then fix the 8 pieces L-shaped plates on the 4 beams with screws and the post;

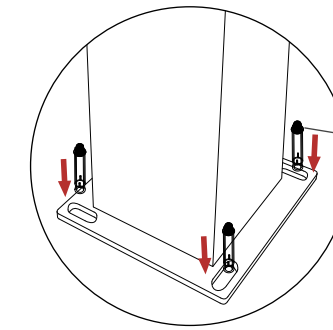
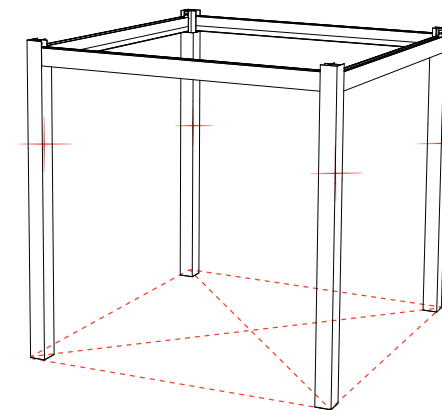
⚠ Label correspondence



Installation instructions

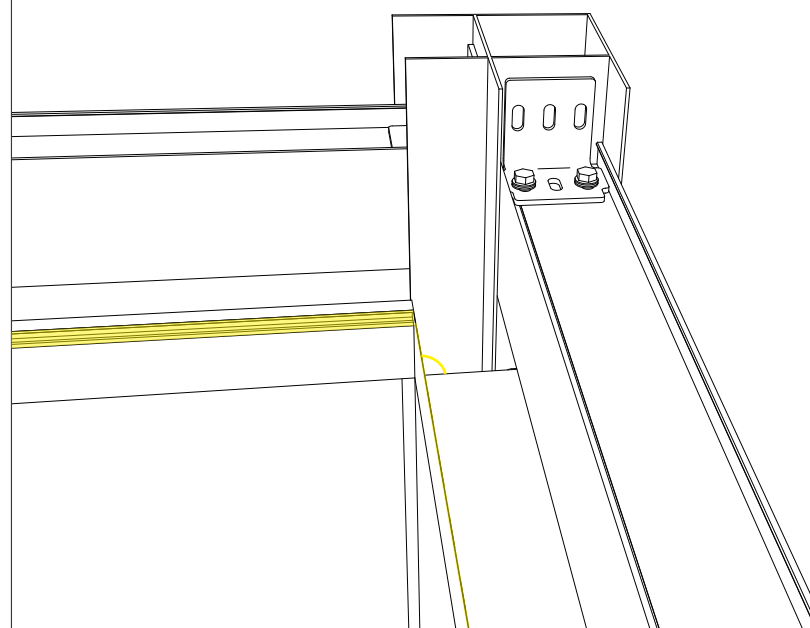
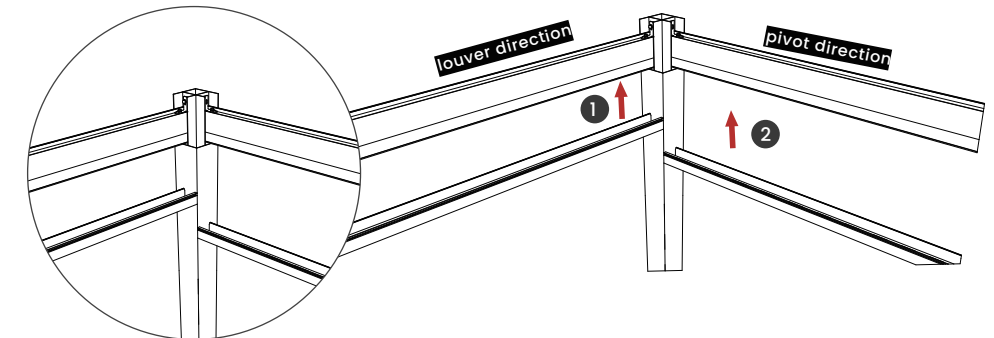
- 4 Select install screw (cement floor best); Measure the diagonal and circumferential length of the product frame to ensure accurate size, and mark the drilling position of the fixed base.

⚠ Soil ground please reinforce the ground



M12*100

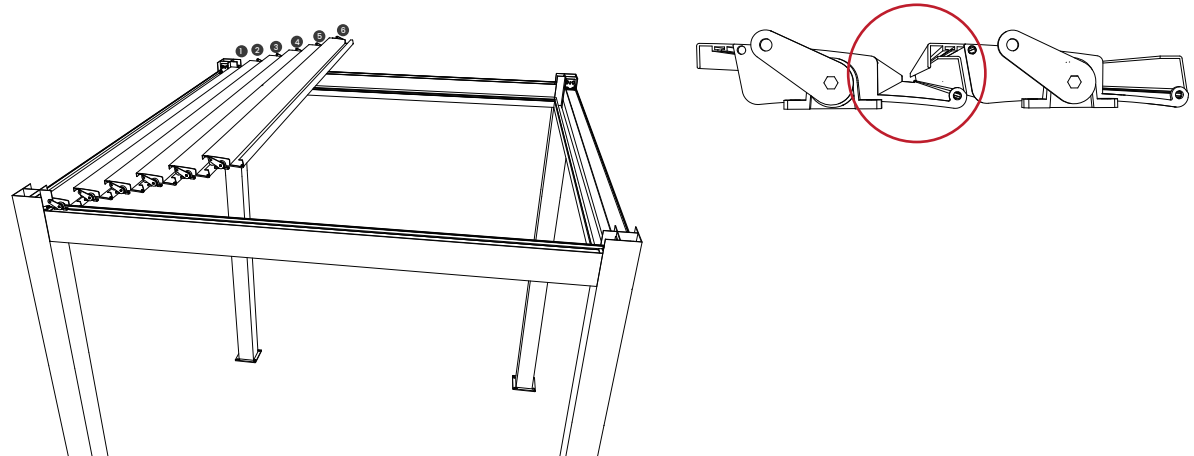
- 5 Install the gutter in the direction of the louver first, and then the gutter in the direction of the pivot. After installation, fix the two ends of each gutter with screw and beam, and seal all the gaps around the two ends of the gutter with waterproof glue.



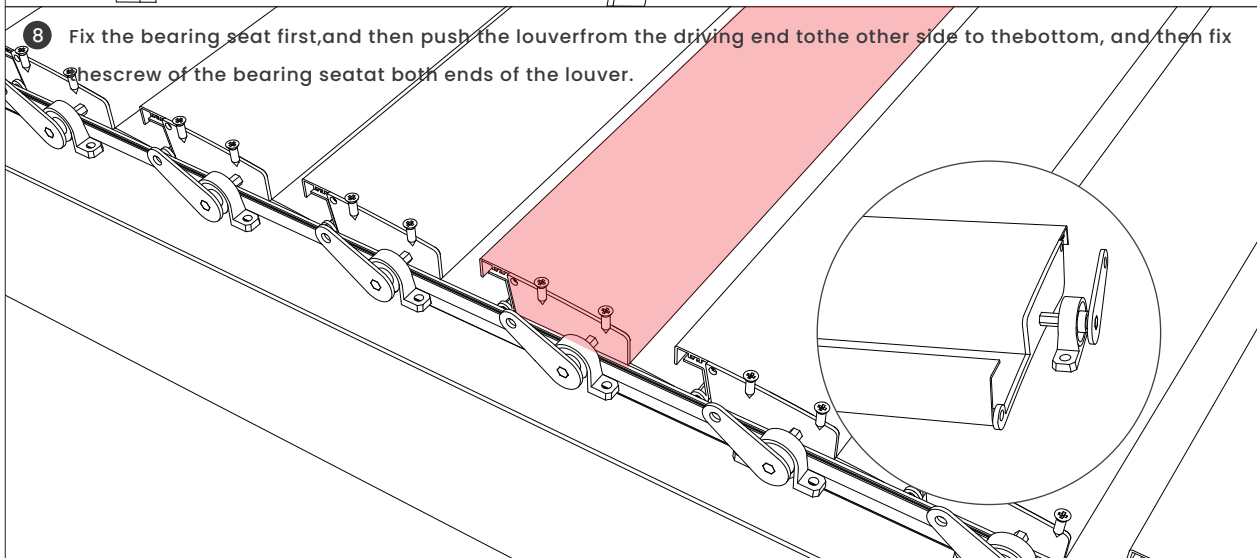
- 6 Connect the waterproofing joints of the LED strips at both ends of the gutter and hide the excess wires in the posts.

Installation instructions

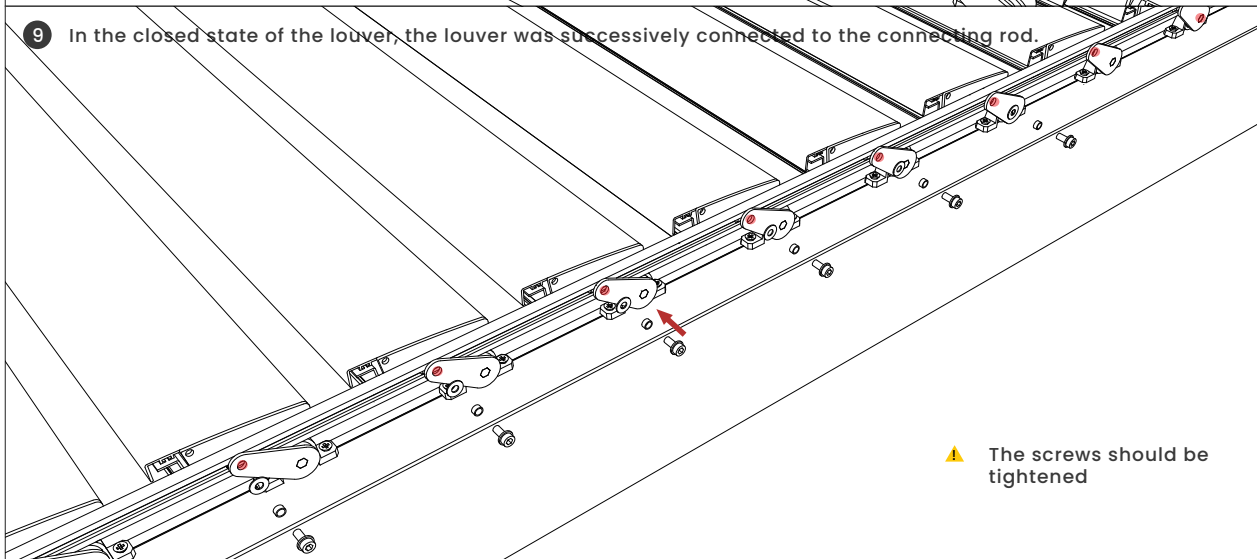
7 Install the louvers in turn into the holes of the louver bearing seat of the beam (the active end of the louver is facing the beam with the motor).



8 Fix the bearing seat first, and then push the louver from the driving end to the other side to the bottom, and then fix the screw of the bearing seat at both ends of the louver.



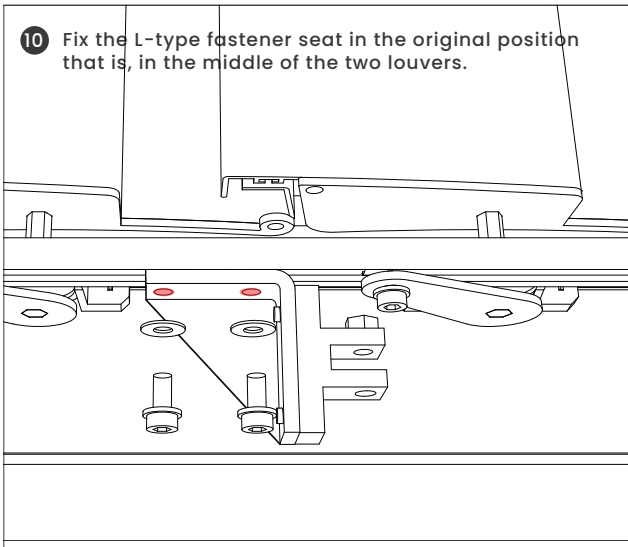
9 In the closed state of the louver, the louver was successively connected to the connecting rod.



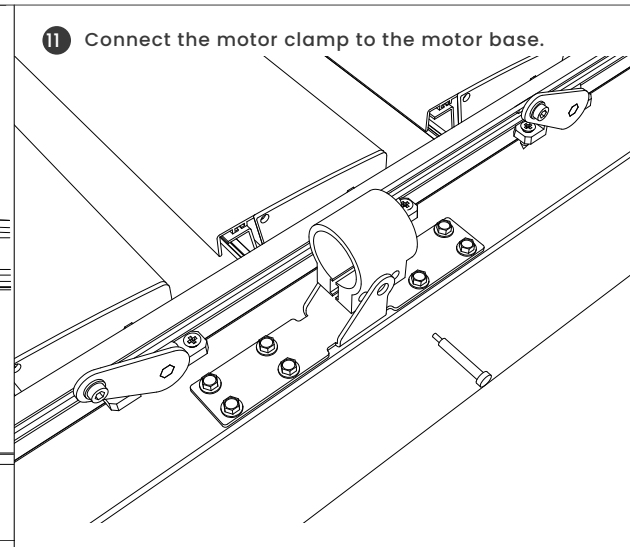
⚠ The screws should be tightened

Installation instructions

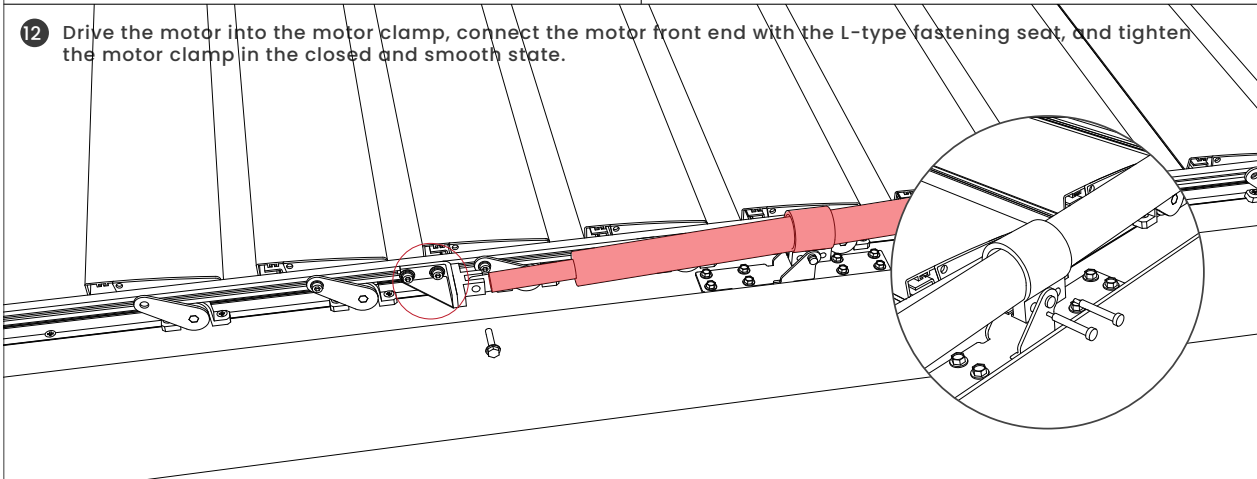
10 Fix the L-type fastener seat in the original position that is, in the middle of the two louvers.



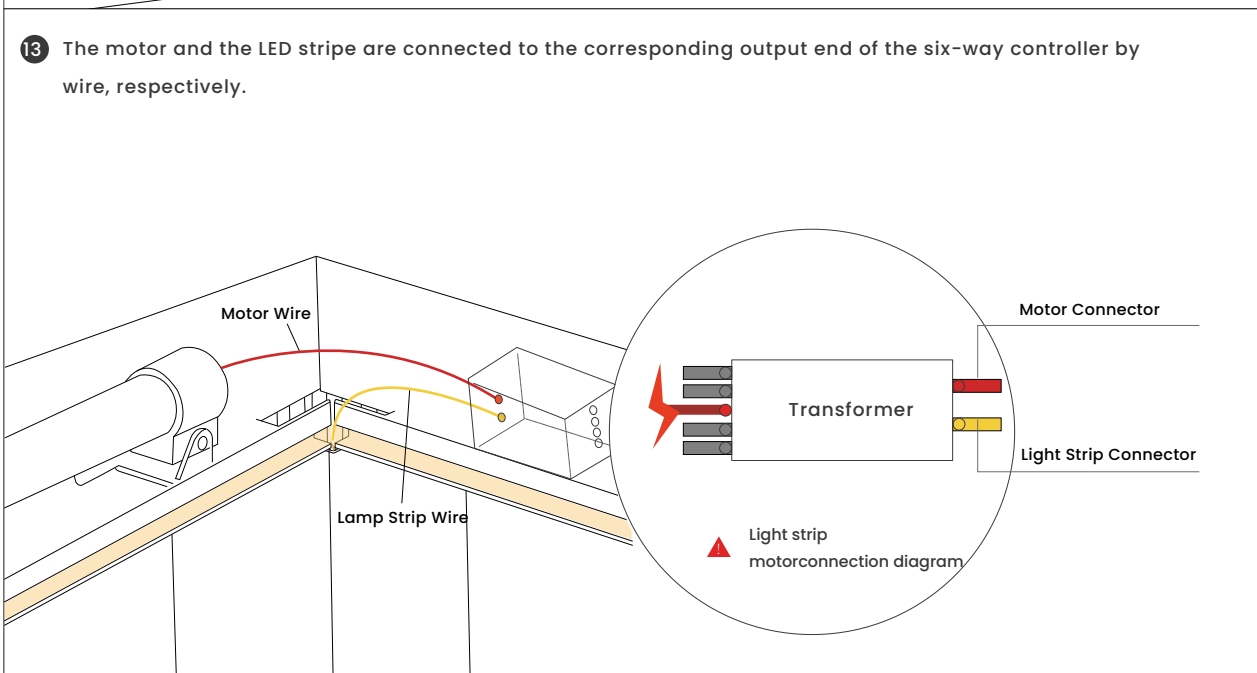
11 Connect the motor clamp to the motor base.



12 Drive the motor into the motor clamp, connect the motor front end with the L-type fastening seat, and tighten the motor clamp in the closed and smooth state.



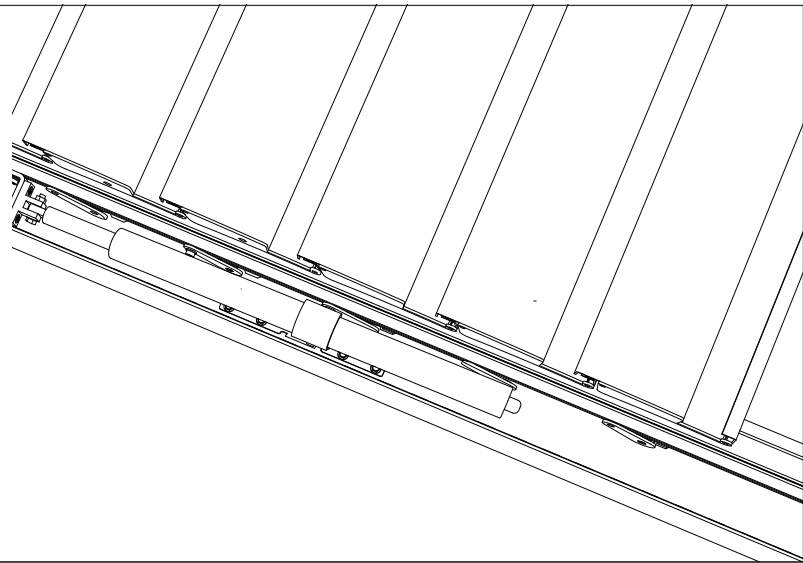
13 The motor and the LED stripe are connected to the corresponding output end of the six-way controller by wire, respectively.



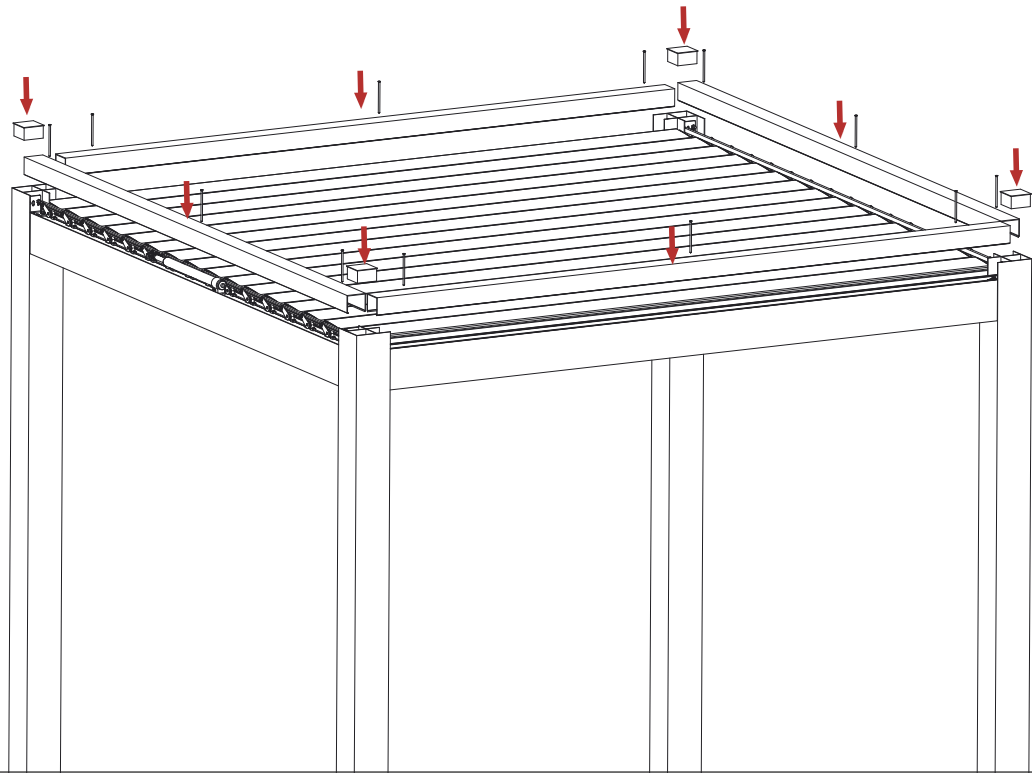
Installation instructions

14 Power on, check whether there is any problem with the operation;

1. Whether the motor is running.
2. Whether the installation distance is accurate.



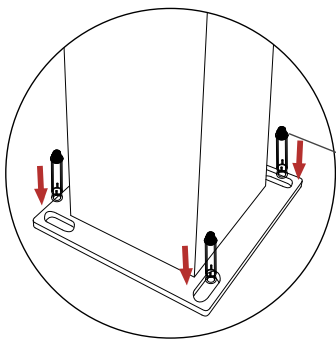
15 The beam top cover was fastened and secured with screw, each top cover using three screw in the left, middle and right, Finally, fasten the post cover.



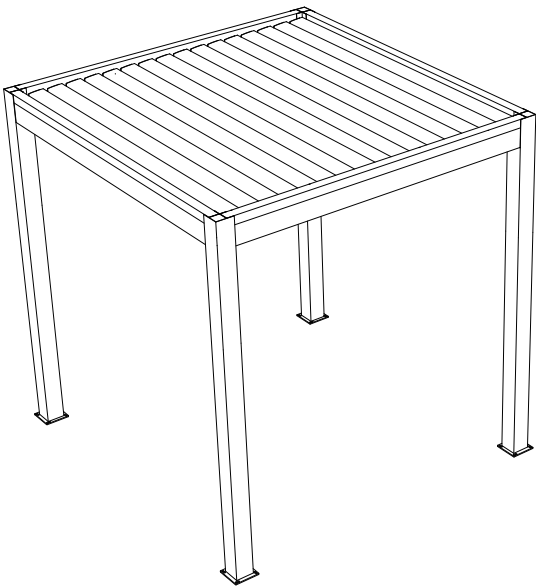
Installation instructions

16 Finally, fasten the install screw of the base, complete the installation, and begin to enjoy the unique outdoor space.

⚠ The power supply and wire connection of this product have been treated with waterproof, please use the electric pen to check whether there is any leakage at the connection every 3-5 months; If there is leakage, please deal with the leakage before using this product.



M12*100

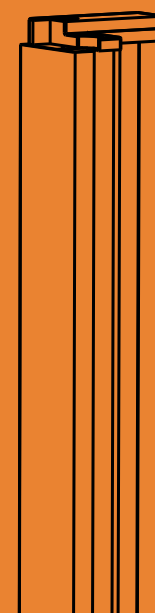
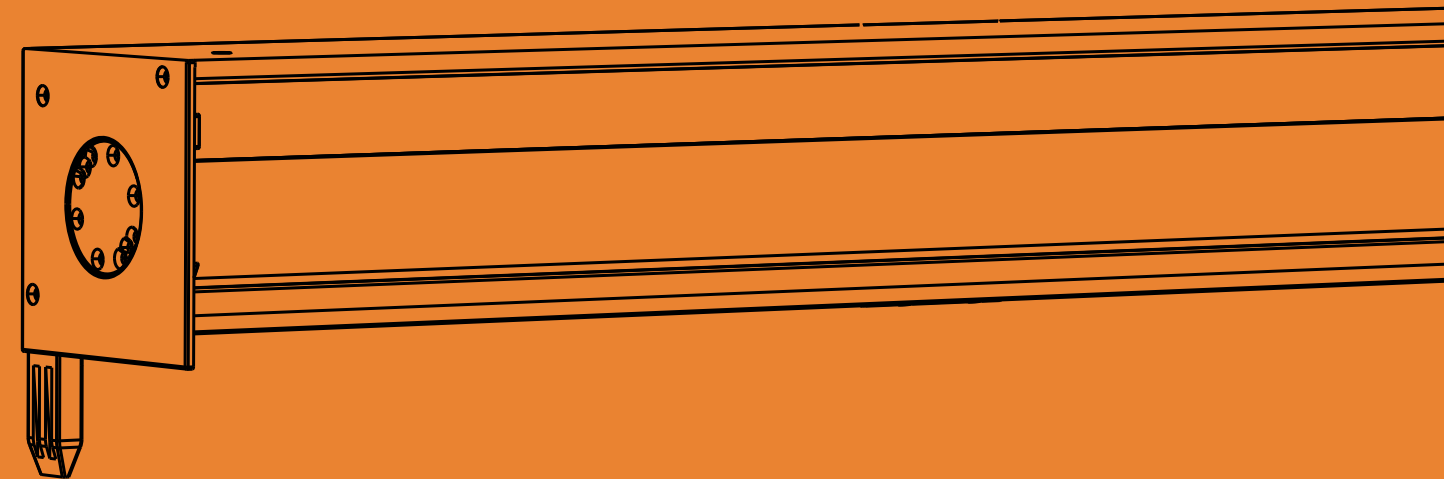




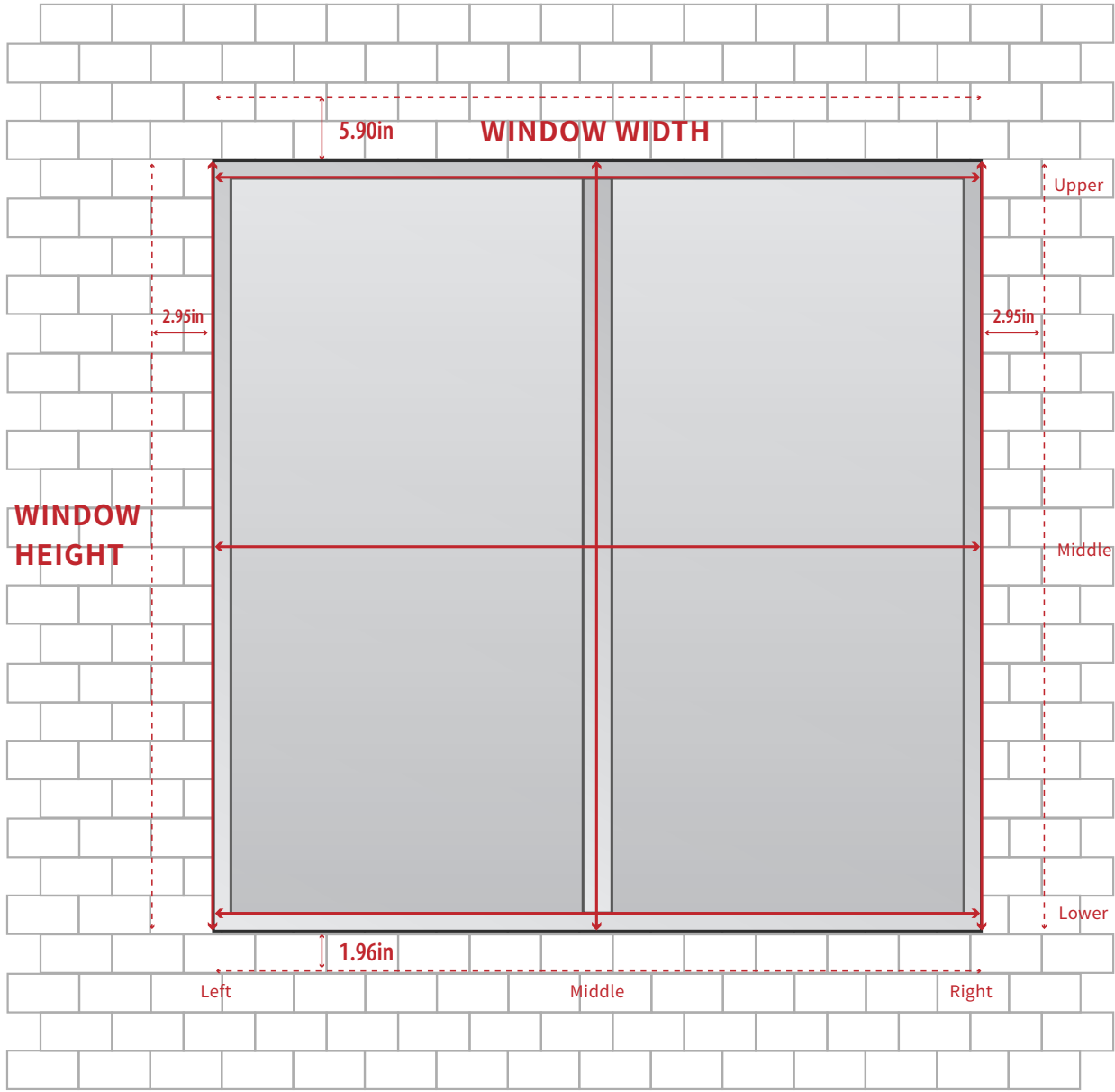
HEAVY DUTY ZIPPER TRACK BLIND

INSTRUCTION MANUAL

ZT18



Measurement



Measurement

Inside mount:

- 1.Measure the inner width of the window frame, measure the upper, middle and lower parts of the window frame separately, and take the minimum of the three measured widths.
- 2.Measure the height inside the window frame, measure the left, middle, and right sides of the window frame separately, and take the minimum of the three height measurements.

Calculate the size of the finished zipper blind sizes

Blind width = minimum measured width -0.078in
Blind height = minimum measured height -0.078in

The inside mount requires that the depth of the window is greater than **2.55in**



Outside mount:

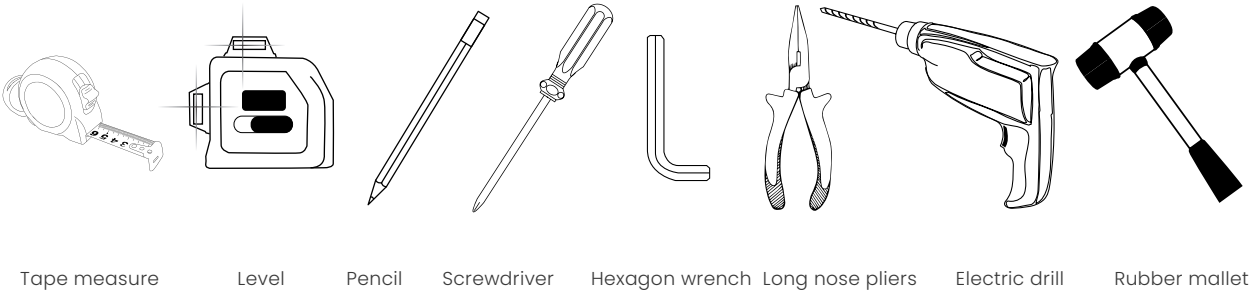
- 1.Measure the inner width of the window frame, measure the upper, middle and lower parts of the window frame separately, and take the maximum of the three measured widths.
- 2.Measure the height inside the window frame, measure the left, middle, and right sides of the window frame separately, and take the maximum of the three height measurements.

Calculate the size of the finished zipper blind sizes

Blind width=maximum measured width+5.90in
Blind height=maximum measured height+7.87in



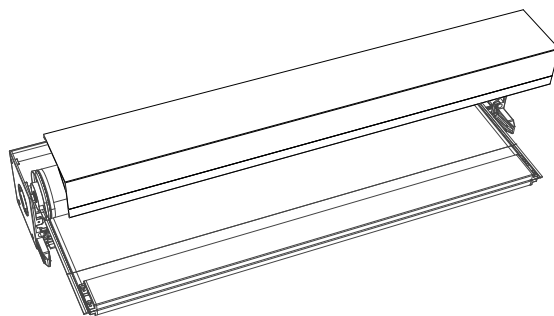
Installation tools



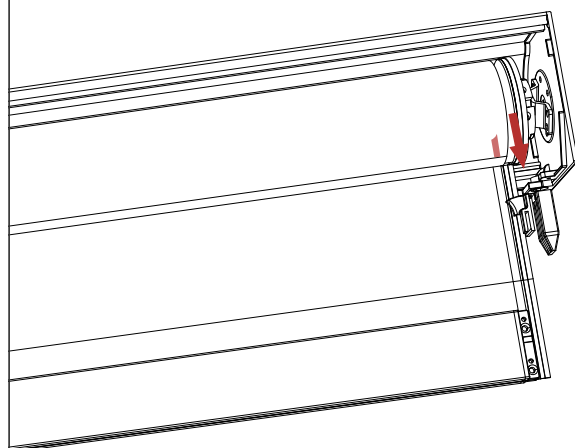
Outside Mount



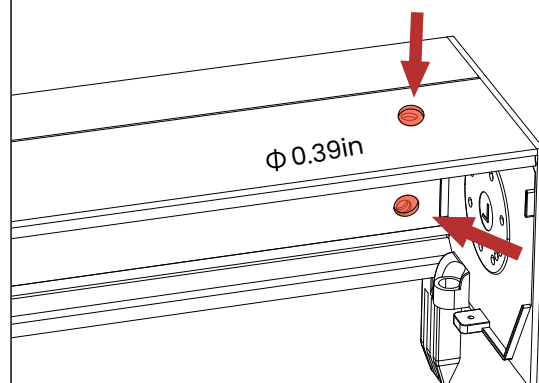
- 1 Open the front box.



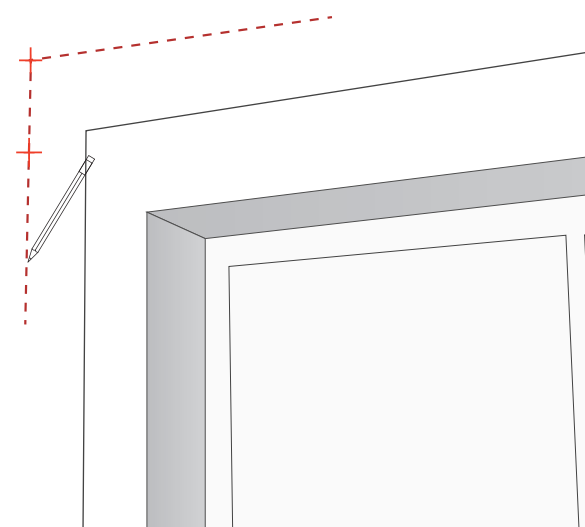
- 2 Remove the fabric roller from the headrail.



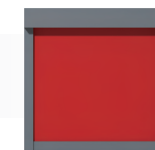
- 3 Punch a hole above or behind the rear box to pass the motor wire out.
(as close to the side cap as possible)



- 4 With the assistance of a spirit level, mark the upper, middle, and lower marks on the wall where the side tracks are installed, in order to facilitate the vertical installation of the side tracks

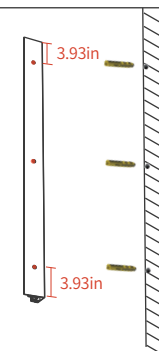


Outside Mount



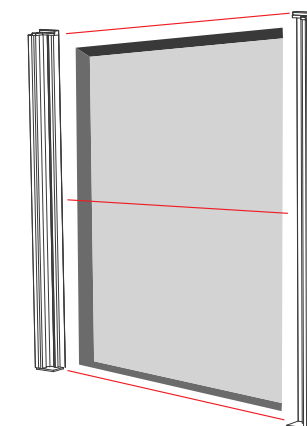
- 6

Punch holes on the side of the guide base. It is recommended to punch a hole at 10cm at both ends of the guide base, punch holes every 15.74-19.68in for the remaining part



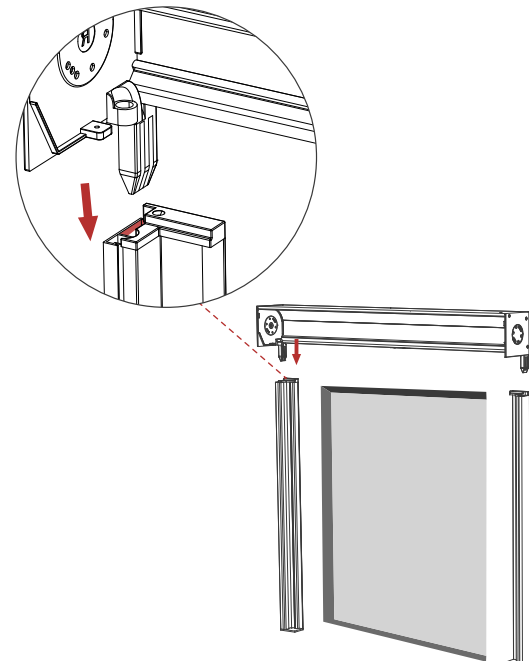
- 7

After installing one side of the side rail, use a meter ruler and a spirit level to measure the installation position of the other side rail and mark it. Drill holes on the wall for installation. After installing the two side rails, be sure to measure the width and level again (pay attention to the verticality of the side rails)



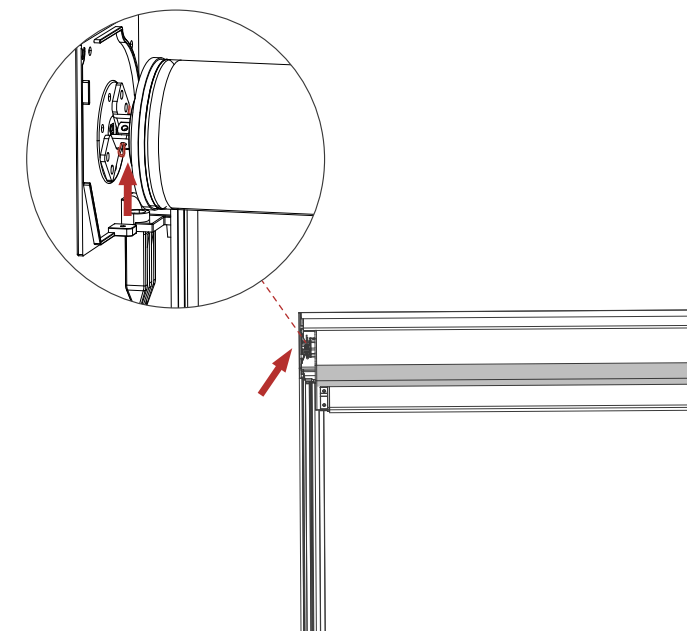
- 8

Two people install the rear box onto the guide base

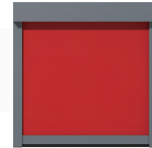


- 9

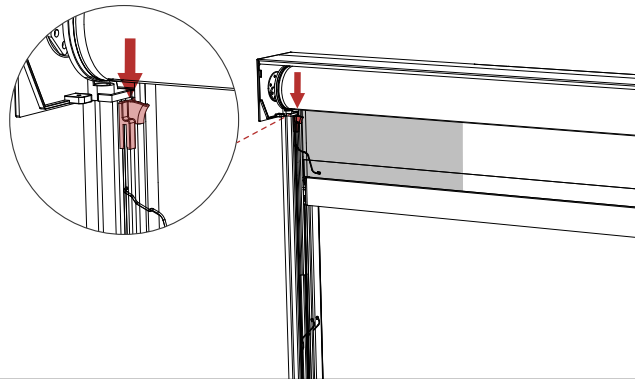
Insert the fabric into the headbox and secure it with pins. Pay attention to threading the wires out of the wire holes in advance (fix the motor side first and then the tail plug side)



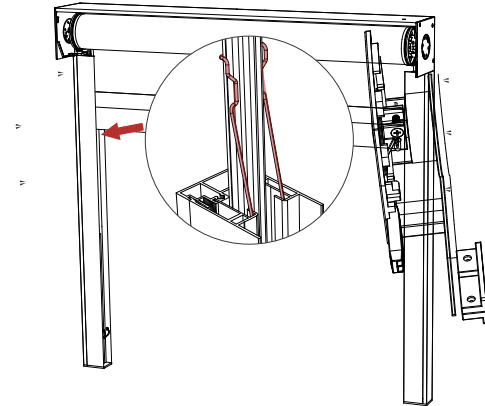
Outside Mount



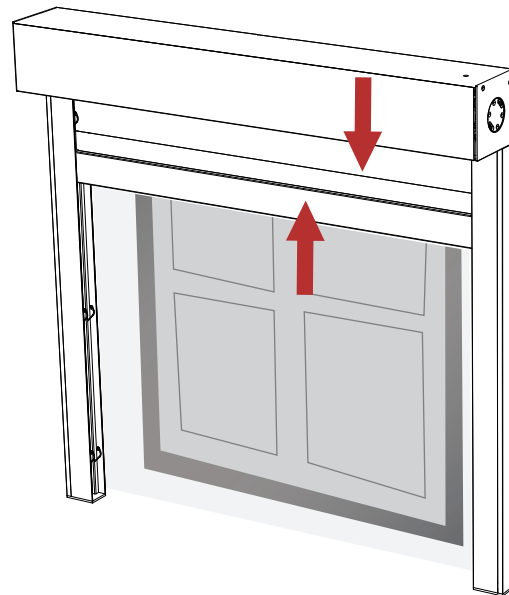
- 10 Insert the zipper at the lower end of the fabric into the inner guide rail equipped with anti stripping (pay attention to the upper end of the anti stripping inner guide rail); Install the inner side of the spring into the guide base cavity



- 11 Align the guide cover and guide base, and put the outer side of the spring into the groove of the guide cover. Tighten the screws.



- 12 Connect the power and run the blind up and down once to ensure smooth operation; Fix the front box with screws and installation is complete.

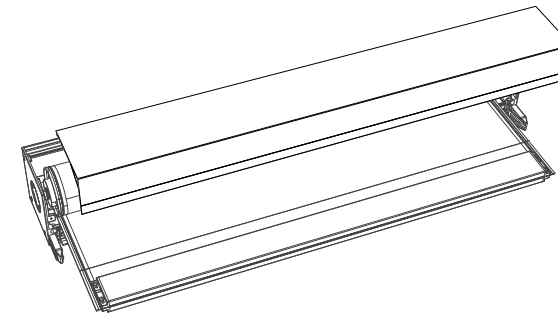


⚠ For motor limit adjustment, please see "Motor Commissioning Instructions"

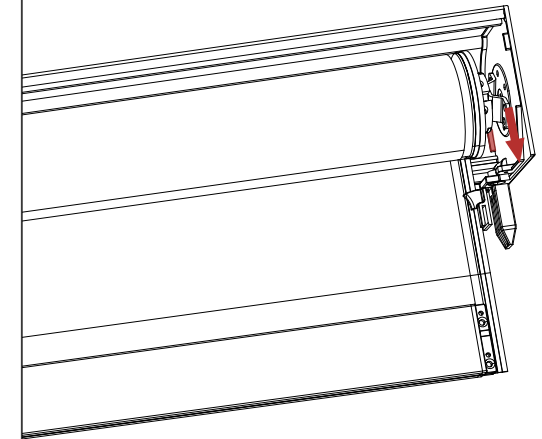
Inside Mount



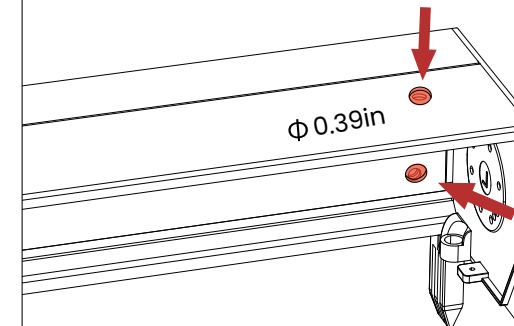
- 1 Open the front box.



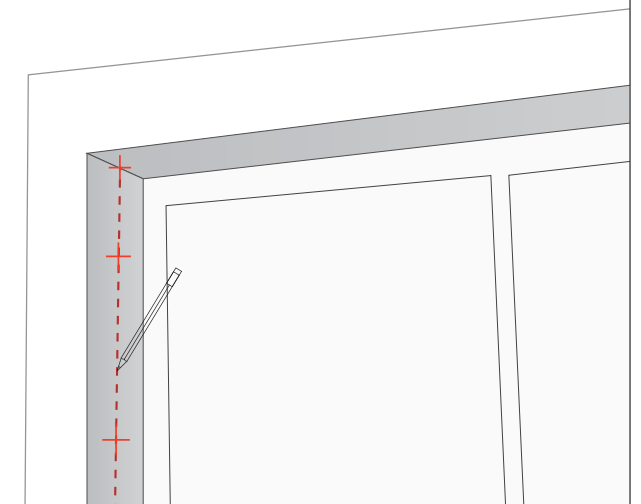
- 2 Remove the fabric roller from the headrail.



- 3 Punch a hole above or behind the rear box to pass the motor wire out (as close to the side cap as possible)



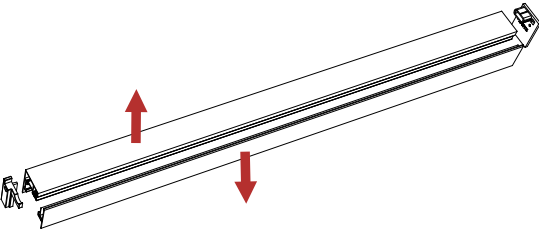
- 4 With the assistance of a spirit level, mark the upper, middle, and lower marks on the wall where the side tracks are installed, in order to facilitate the vertical installation of the side tracks



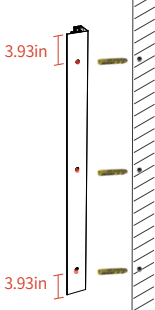
Inside Mount



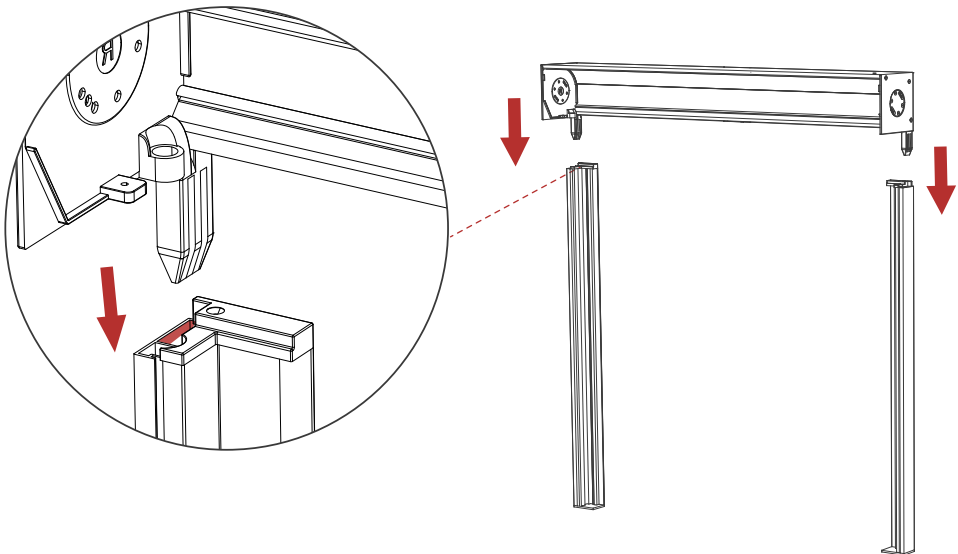
- 5 Remove the screws, separate the guide cover and guide base, and install the upper and lower caps of the guide cover and guide base



- 6 Punch holes on the side of the guide base. It is recommended to punch a hole at 10cm at both ends of the guide base, punch holes every 15.74-19.68in for the remaining part



- 7 Install the rear box onto the two guide base through the side caps

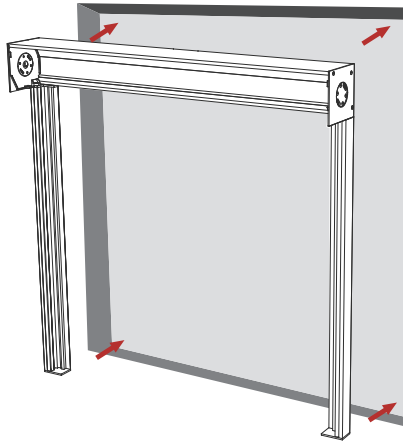


Inside Mount

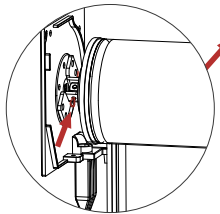


- 8 Two people work together to put the assembled guide base and the rear box into the window as a whole, and then vertically attach the side track to the wall according to the marks on the wall. Use a spirit level to measure the height of the side track on both sides to keep consistent.

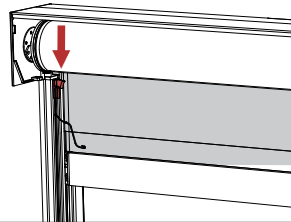
Use a pencil to mark the positions where the holes need to be drilled on the wall, use an impact drill to drill holes, install expansion bolts to fix the side track, and measure the width and levelness of the side track again after installation (pay attention to the vertical position of the side track)



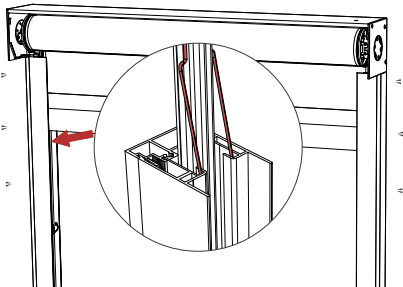
- 9 Insert the fabric into the headbox and secure it with pins. Pay attention to threading the wires out of the wire holes in advance (fix the motor side first and then the tail plug side)



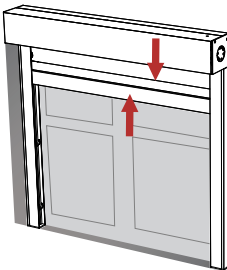
- 10 Insert the zipper at the lower end of the fabric into the inner guide rail equipped with anti stripping (pay attention to the upper end of the anti stripping inner guide rail); Install the inner side of the spring into the guide base cavity



- 11 Align the guide cover and guide base, and put the outer side of the spring into the groove of the guide cover. Tighten the screws



- 12 Connect the power and run the blind up and down once to ensure smooth operation; Fix the front box with screws and installation is complete.



▲ For motor limit adjustment, please see "Motor Commissioning Instructions"

Motor Debugging

	110V—130V	210V—230V
The Live wire	Black	Brown
The Naught wire	White	Blue
The Earth	Yellow/Green	Yellow/Green

▲ Motor operating temperature: -10 degrees Celsius to 50 degrees Celsius

Overheat Protection In the event of overheating, the temperature sensor will automatically switch off motor to prevent heat damage. The motor will switch off for 20-30min to cool down. Depending on the outside temperature motor is designed to run continuously 45sec- 2min .

COMMISSIONING PROCEDURES

A Type Motor

1. Motor Commissioning Instructions

Prepare:

- 1. Remote control with battery installed
- 2. Power supply

Steps:

- 1. Open the back cover of the remote control and find the P2 button on the **Left**.
- 2. Within 6 seconds of power-on, press the P2 button + up button twice.
- 3. The motor beeps 7 times, indicating that the code matching is completed.

2. Switch Direction

Prepare:

- 1. Remote control with battery installed
- 2. Power supply

Steps:

- 1. Open the back cover of the remote control and find the P2 button on the **Left**.
- 2. Within 6 seconds of power-on, press the P2 button + the down button twice.
- 3. The motor beeps 3 times, indicating that the code matching is completed.

B Type motor

1. Motor Commissioning Instructions

Prepare:

- 1. Remote control with battery installed
- 2. Power supply

Steps:

- 1. Long press the up button on the remote control, the indicator light will remain on, and then turn on the power.
- 2. Run the motor up and down once, press the up button on the remote control once.
- 3. Successfully matched the code.

2. Switch Direction

Prepare:

- 1. Remote control with battery installed
- 2. Power supply

Steps:

- 1. Long press the stop button on the remote control, and the motor will run up and down once.
- 2. Press the down button on the remote control once, and the reversing is successful.

Centralized controller

1. Motor Commissioning Instructions

Prepare:

- 1. Remote control with battery installed
- 2. Power supply

Steps:

- 1. Long press the up button on the remote control until the indicator light flashes.
- 2. Press the up button on the remote control once, and the indicator light will flash three times quickly.
- 3. Successfully matched the code.

2. Switch Direction

Prepare:

- 1. Remote control with battery installed
- 2. Power supply

Steps:

- 1. Long press the up button on the remote control until the indicator light flashes.
- 2. Press the stop button on the remote control once, and the indicator light will flash three times quickly.
- 3. Successful commutation.

Motor Debugging

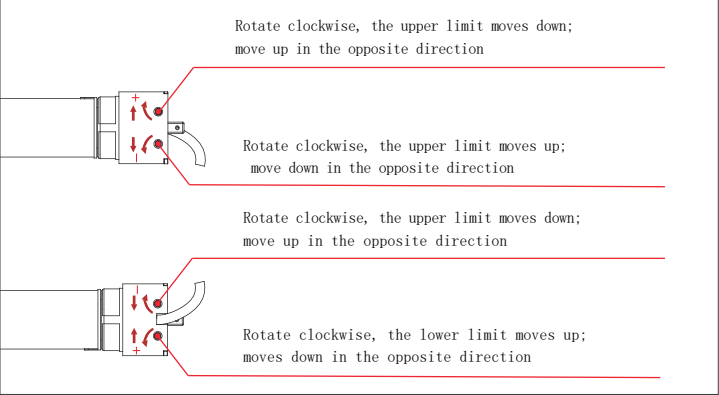
Setting Top and Bottom Limit

All blinds are pre-programmed with the Top limit set at the warehouse. Bottom limit will have to be adjusted onsite once blind is installed.

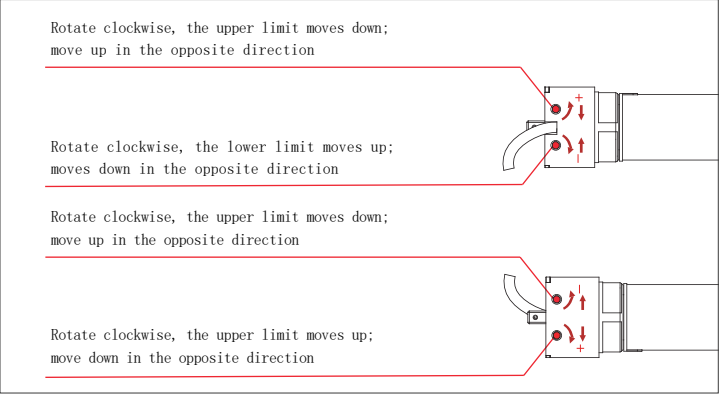
In case you have accidentally rolled the fabric of the blind manually during installation then top and bottom limit will have to be adjusted using diagram below. Always start with setting the bottom limit first. Be cautious with setting Top Limit. Once you close head box no further adjustments can be done. And if Top Limit over-tensioning fabric it can result in pulling fabric past Maximum Allowed Top Limit, wedging bottom bar into head box which can damage the motor and will scratch bottom rail.

If not sure please ask to book technician service.

Picture 1: The motor is on the right



Picture 2: The motor is on the left



Product maintenance and after-sales policy

PRODUCT MAINTENANCE

- 1. As the product has been transported for a long time, please completely open the blind after installation, so that each component and fabric fully shrink.
- 2. Moisture may breed mold, so when the fabric is wet, should open the blind to dry.
- 3. In windy weather, should always pay attention to the opening and closing, because the strong wind will increase the resistance of the product sliding up and down, may increase the burden of product operation.
- 4. In hurricane, rainstorm and other extreme weather, should close the blind.
- 5. Neutral detergent gently wipe, ordinary areas cleaning once every 6 months, coastal areas recommended to clean once every 3 months; Do not use high pressure water gun cleaning, so as not to cause product damage.
- 6. After the blind is installed, please evenly apply the attached silicone oil maintenance lubricant to the zipper, and apply once every 2-3 months after the installation.
- 7. If there is more dust or floating debris in the outdoor environment, please regularly clean the debris deposited in the guide rail of the blind to ensure the normal operation of the product.
- 8. It is recommended that every 12 months, check whether the wire link is complete, whether there is leakage of the product.
- 9. If the fabric is frozen inside the inner guide cavity, please do not lift the fabric to avoid pulling damage.

