



# **MOTORIZED OUTDOOR ROLLER BLIND**

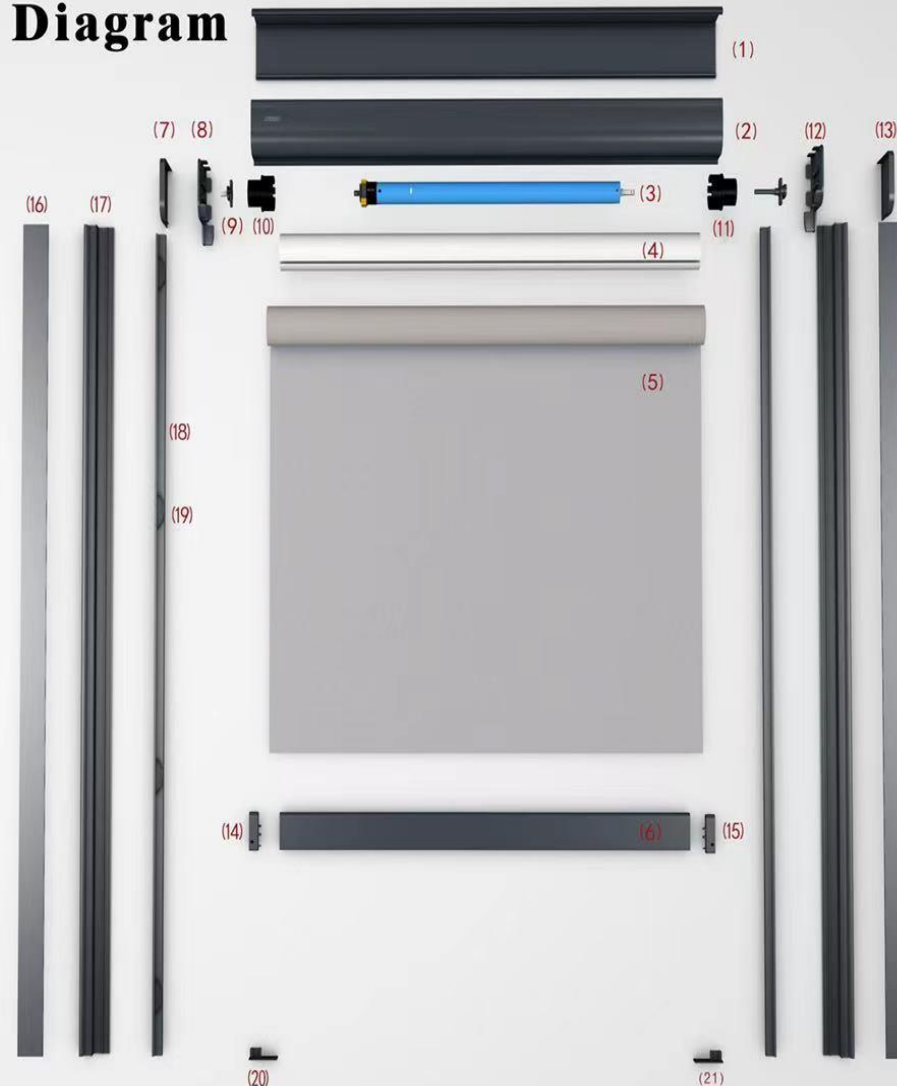
Product Training Brochure

2024 VERSION

## MOTORIZED OUTDOOR ROLLER BLIND EXPLOSION DIAGRAM

### Zip Screen Explosion Diagram

- ☐ 1 Back Cassette
- ☐ 2 Front Cassette
- ☐ 3 Motor
- ☐ 4 Tube
- ☐ 5 Fabric
- ☐ 6 Bottom Rail
- ☐ 7 Left Cover
- ☐ 8 Left Bracket
- ☐ 9 Motor Head
- ☐ 10 Crown
- ☐ 11 Idler
- ☐ 12 Right Cover
- ☐ 13 Right Bracket
- ☐ 14 Left End Caps
- ☐ 15 Right End Caps
- ☐ 16 Side channel Cover
- ☐ 17 Side channel
- ☐ 18 Zip Channel
- ☐ 19 Spring
- ☐ 20 Side channel Cover
- ☐ 21 Side channel Cover



# Motorized Outdoor Roller Blind Configuration

# Motorized Outdoor Roller Blind

(Patent number: ZL 2020 2 1462868.0)



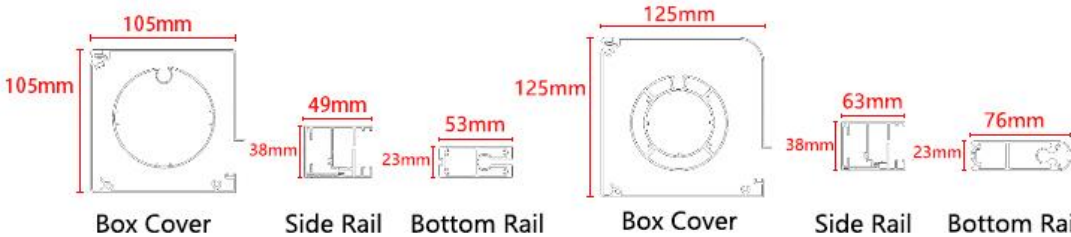
ZY105 Series

Standard Size Range:  
 $680 \leq \text{width} \leq 4000$ ;  $500 \leq \text{height} \leq 3000$



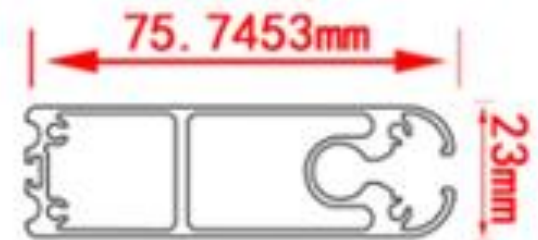
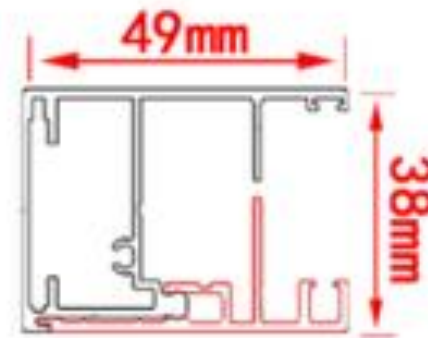
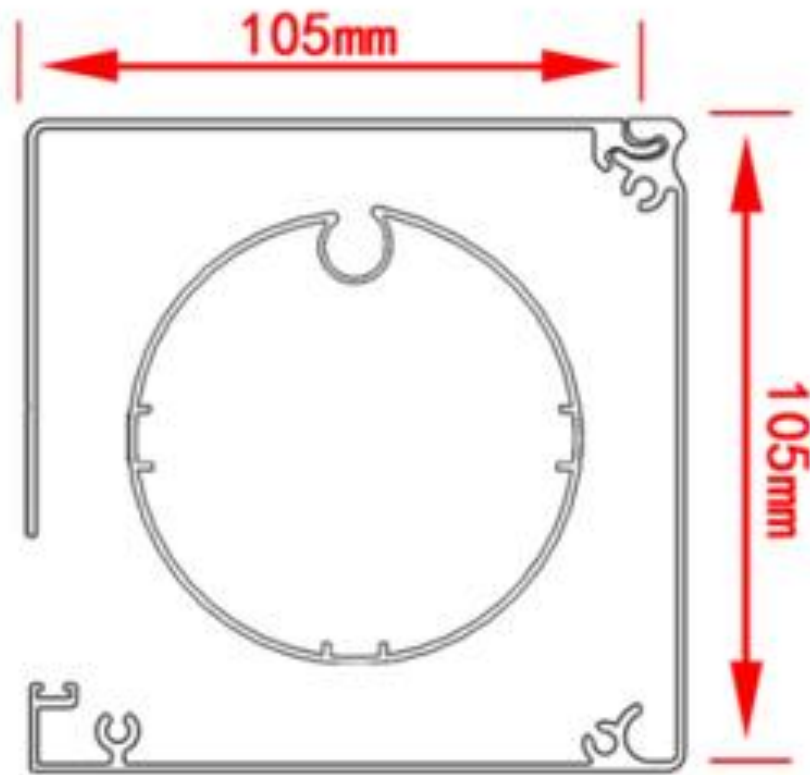
ZY125 series

Standard Size Range:  
 $680 \leq \text{width} \leq 4500$ ;  $500 \leq \text{height} \leq 5600$

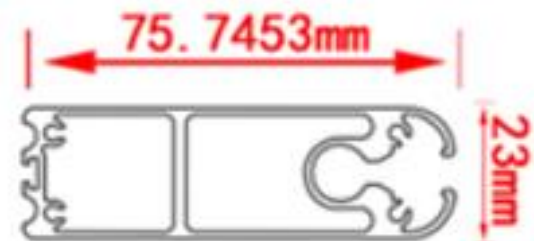
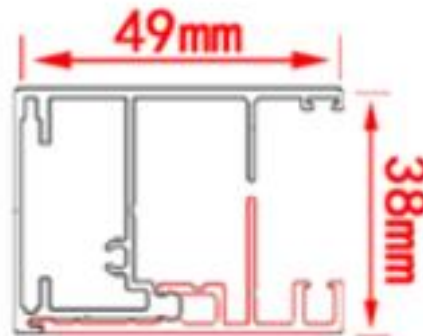
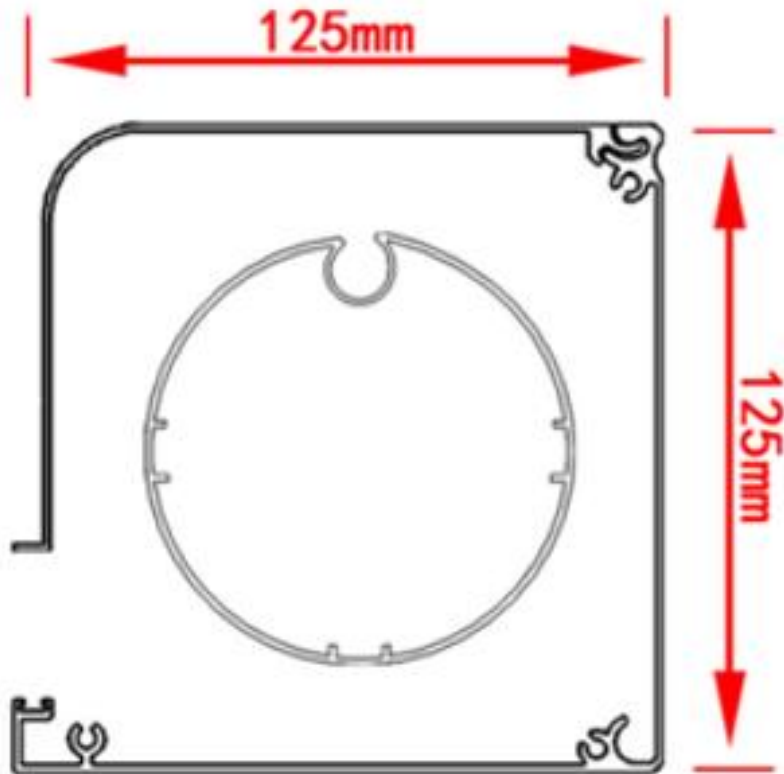


- motorized system
- 5-year warranty
- windproof design
- privacy protection
- anti-mosquito anti-insect
- sun shading
- fireproof design
- environmentally-friendly
- anti-bacteria
- waterproof design

## motorized outdoor roller blind

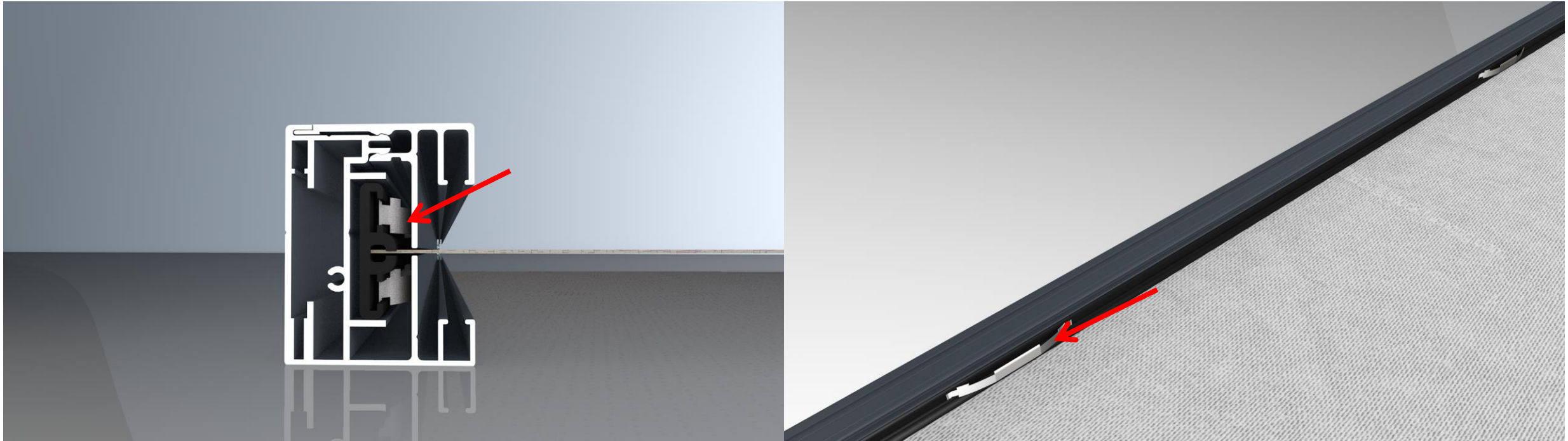


## motorized outdoor roller blind



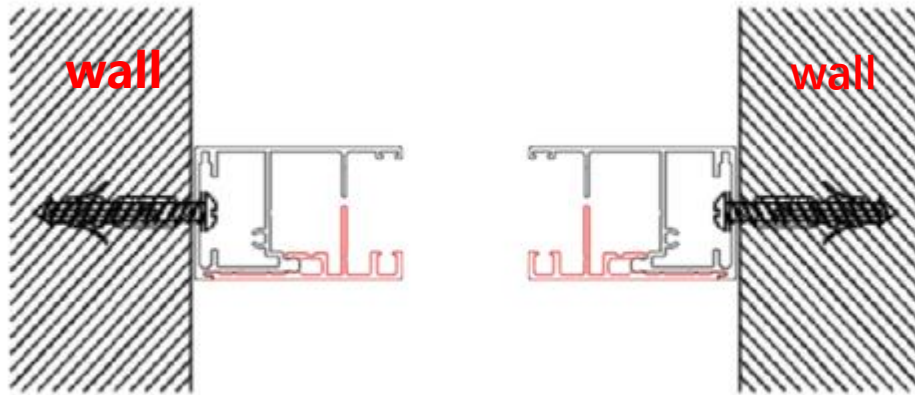
# Advantages of our Motorized Outdoor Roller Blind

Zipper guide slot equipped with spring piece is more anti-noise.

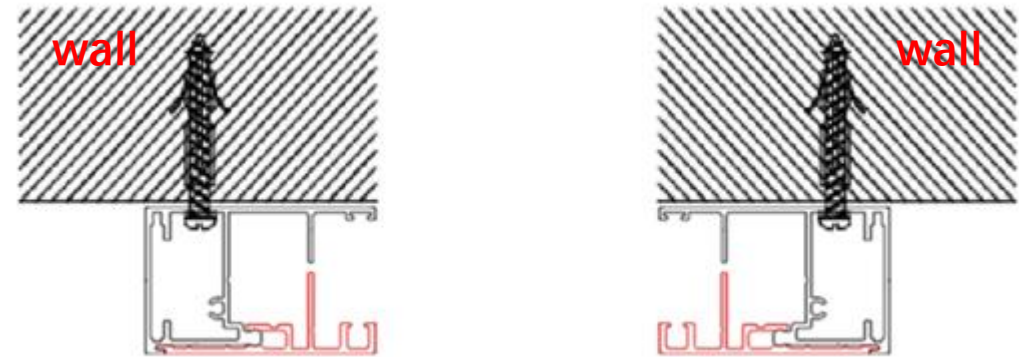




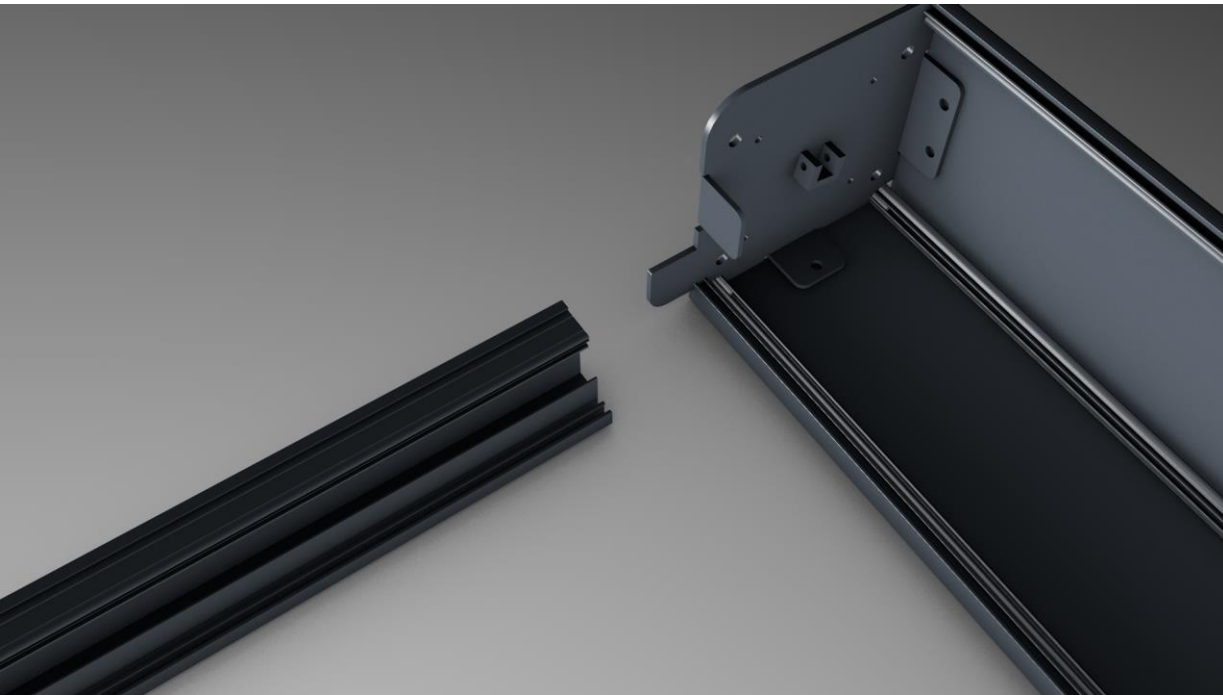
# Recess Fit



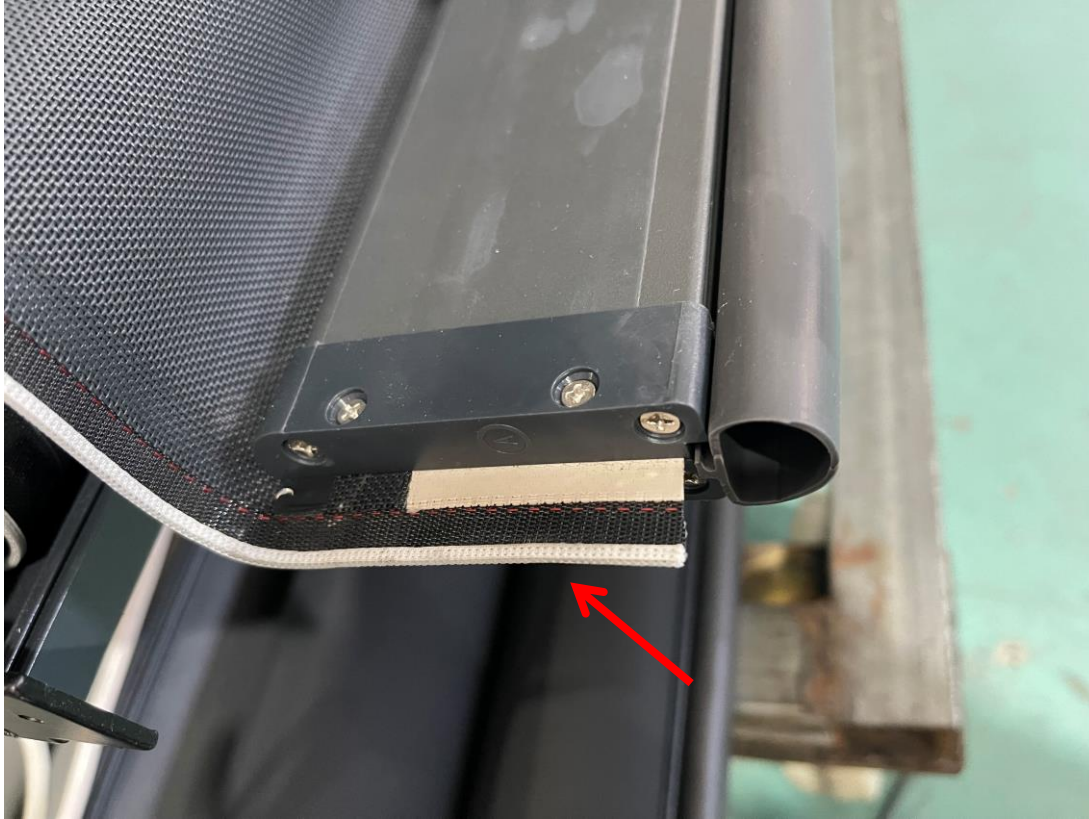
# Face Fit



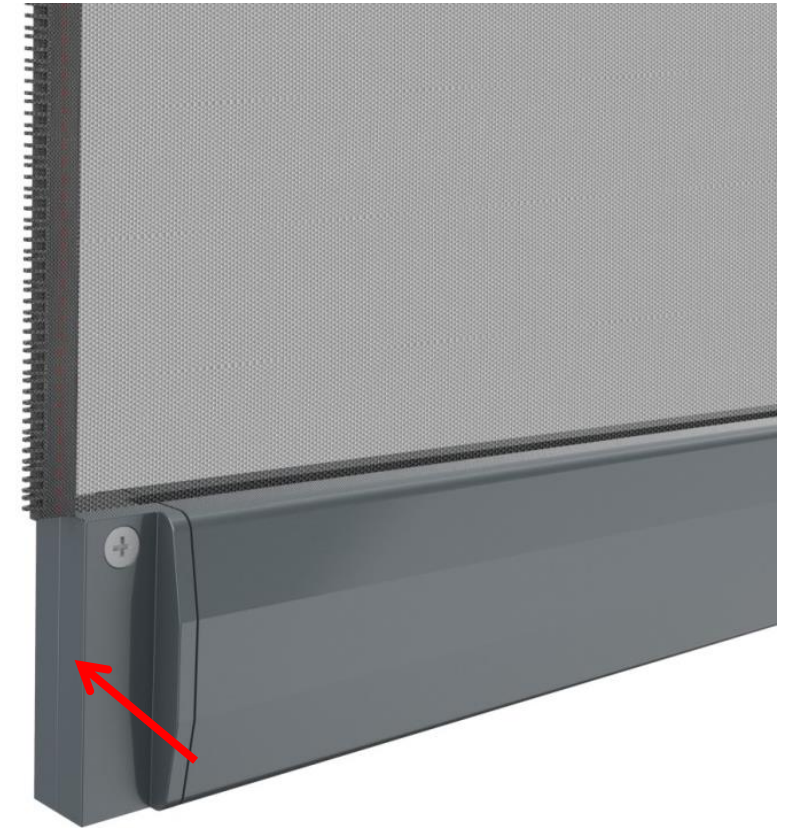
Easy installation with plug-in assembly method.



## Anti-drop zipper



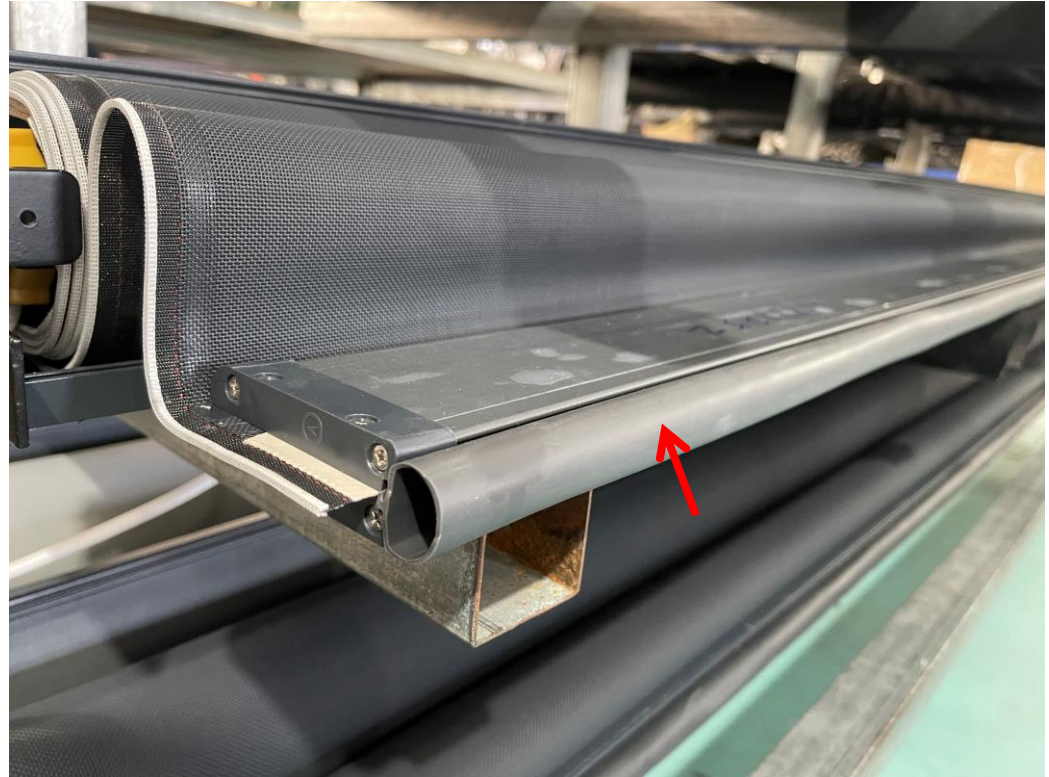
CHIRAGs: Zipper is nicely locked by the bottom rail.



Others: Zipper comes off easily.



## motorized outdoor roller blind



Bottom rail bumper strip - wider and larger,  
better shading effect



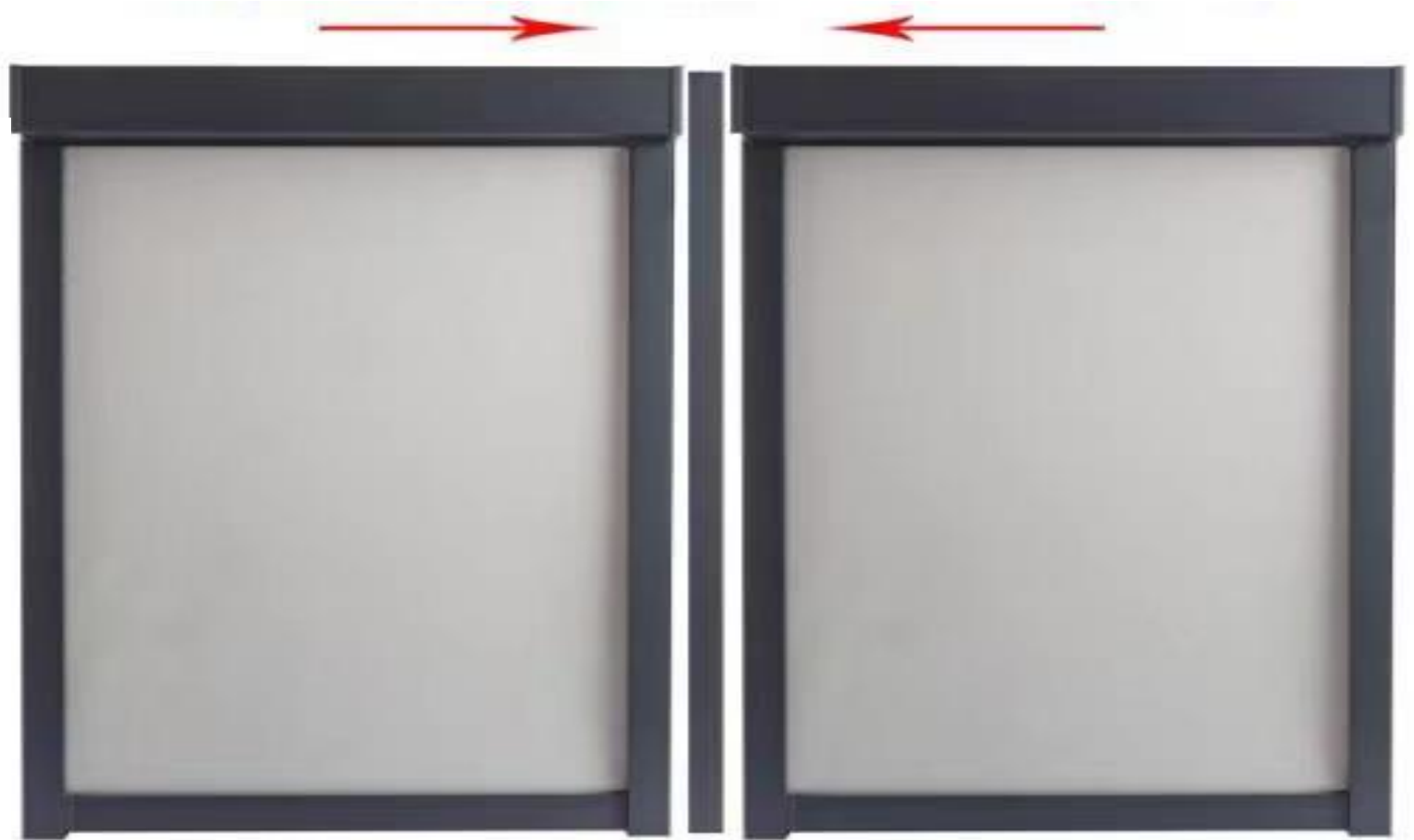
## motorized outdoor roller blind

Customized specific installation code for column - more stable and safer.



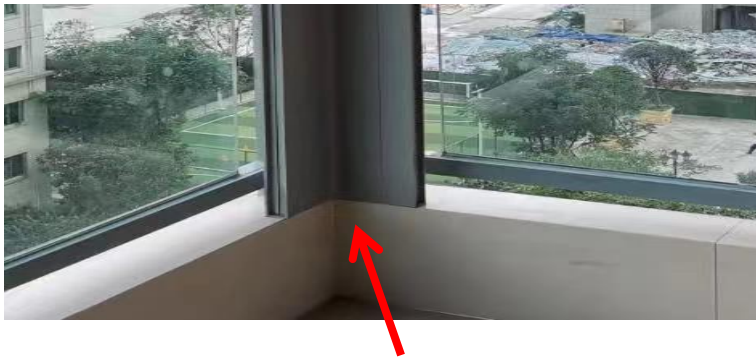
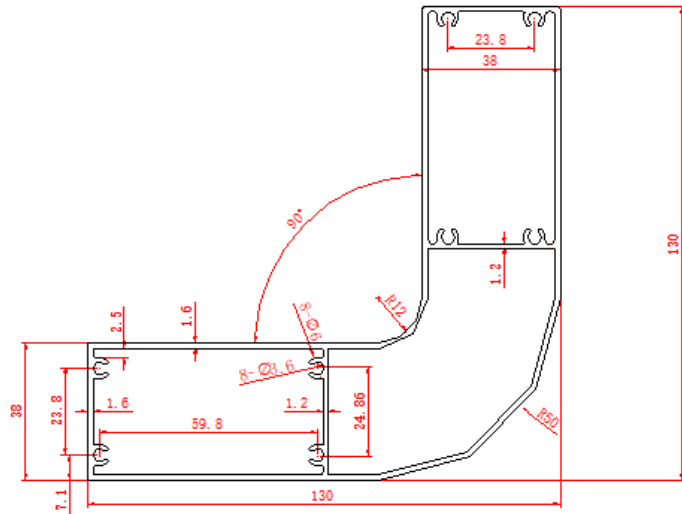
Side Rail:  
49\*38MM

Customized Specific Column:  
38\*38MM.  
Better fits side rail, looks more pretty.



**Balcony plane column**

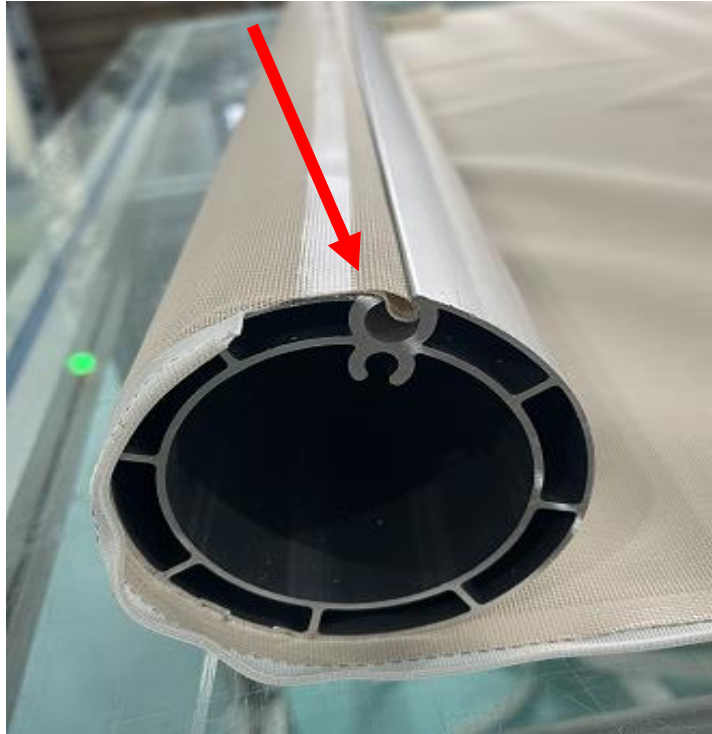
motorized outdoor roller blind



## Balcony Corner Column

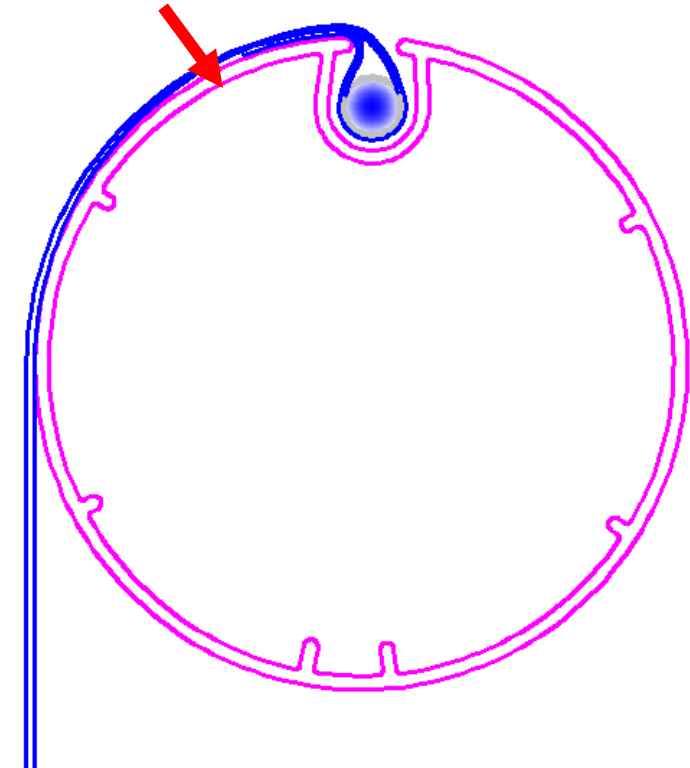
105/125 series are both suited, fitting perfectly with the bezel.

Steps plus grooves with inclination  
make fabric flat.



Our roller tube

Straight grooves cause indentations in  
fabric's folded edge.



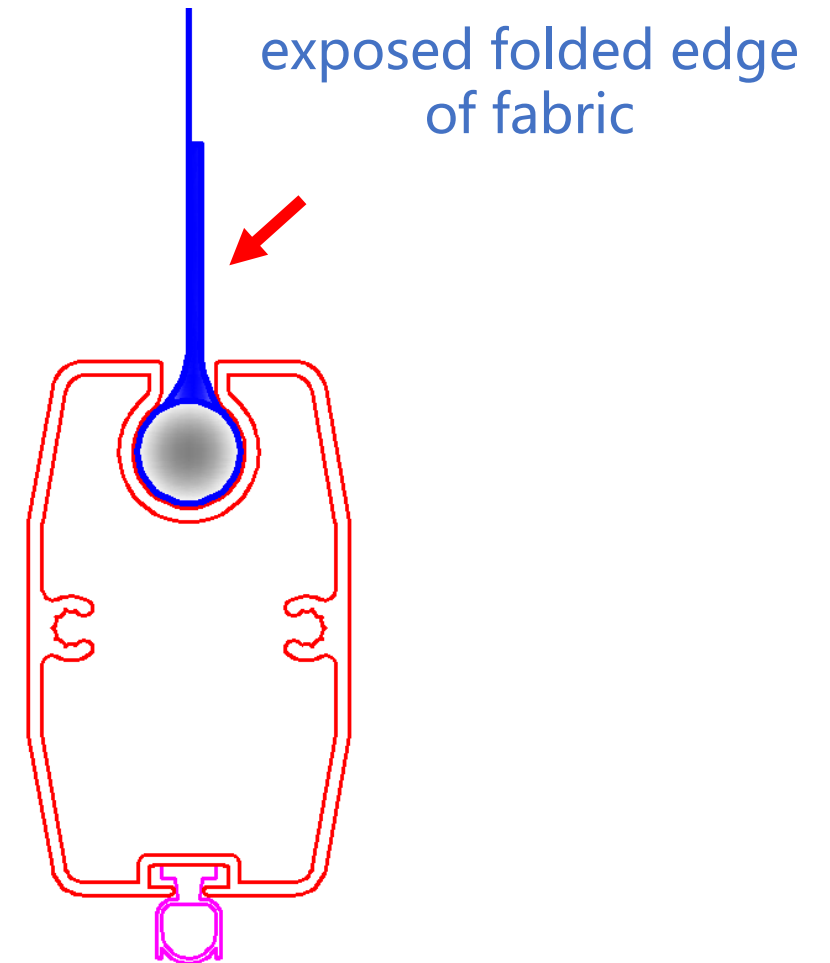
Other roller tube



## motorized outdoor roller blind



CHIRAG: Double-layer bottom rail



Others: Single-layer bottom rail



motorized outdoor roller blind



Self-recovery  
wrinkle-  
resistant fabric

renoMate  
Safeguard In Style





# Measurement And Installation



# Preparation for measurement

- 1/ Learn about customers' ideas.
- 2/ Learn about whether the wall is recessed and inclined.
- 3/ Installation methods: face fit, recess fit, fit to ceiling and floor
- 4/ Is the installation position solid?
- 5/ Is there an obstacle in the installation position?
- 6/ Do operations on doors, windows, handles affect the operation of the rolling shutter?
- 7/ Think about cover box's height and width according to the size.
- 8/ Confirm where the power supply is located.



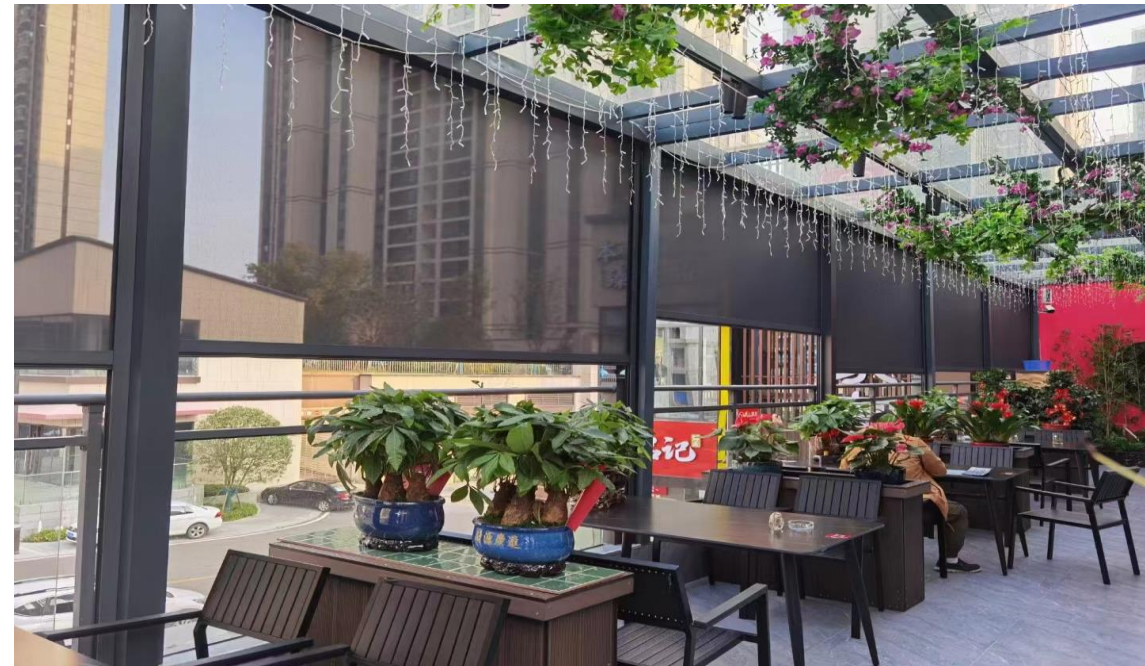
# Measurement Flow

## 1/ Preparation for measurement:

- ① Tools: spirit level, tape measure, notebook, pen, etc.
- ② Plan drawings - convenient to indicate the installation location, motor outlet direction, etc., ensuring accurate installation



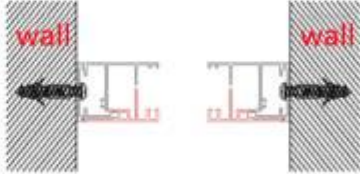
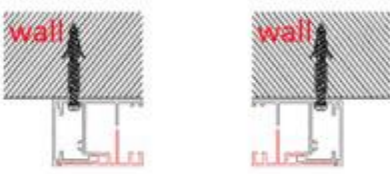
## 2/ Confirmation for details:

- ① Confirm the installation method and power supply location
- ② Confirm usage requirements
- ③ Confirm the control mode of remote control

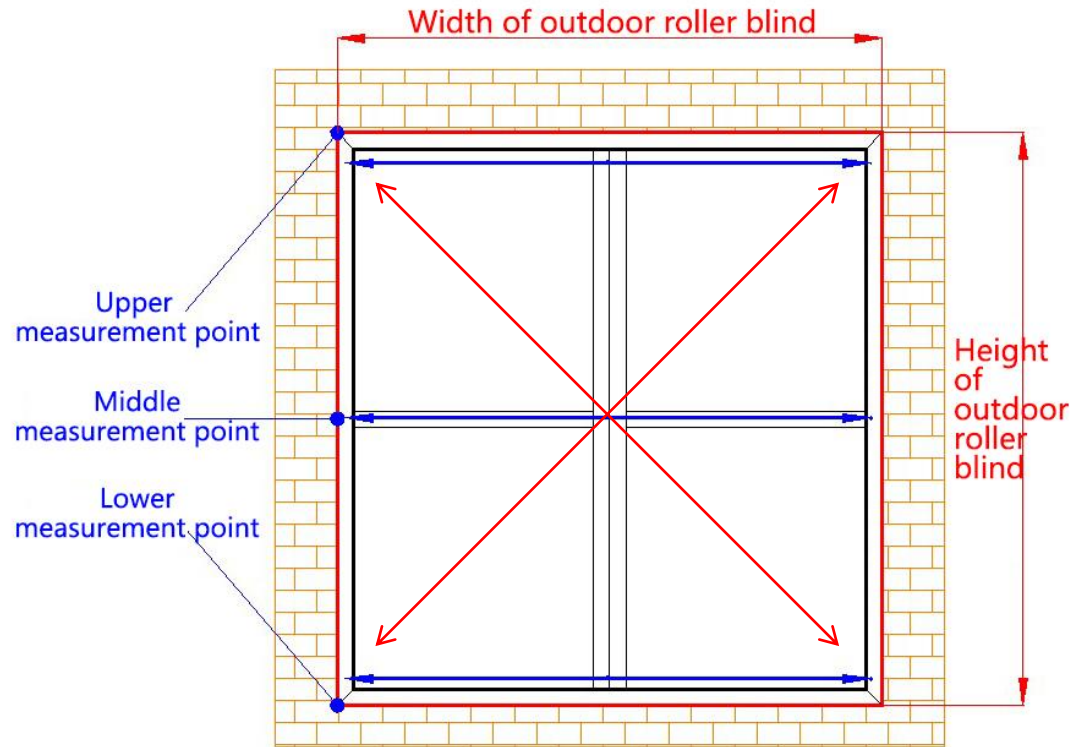


motorized outdoor roller blind

Key Points Of Measurement

	Size Measurement	<b>Width:</b> Measure the upper, middle and lower width, take the minimum value. <b>Height:</b> Measure the height of the left and right, take the minimum value.	
	Drive Mode	Electric built-in/ electric external/ manual spring/ manual rocker	
	Wire Outlet Method	 Wire outlet method: upper, rear, front, side	
	Installation Method	<div>Recess fit</div>  <div>Face fit</div> 	
	Size Range	105 series ( 680 ≦ width ≦ 4000      500 ≦ height ≦ 3000 ) 125 series ( 680 ≦ width ≦ 6000      500 ≦ height ≦ 5600 )	





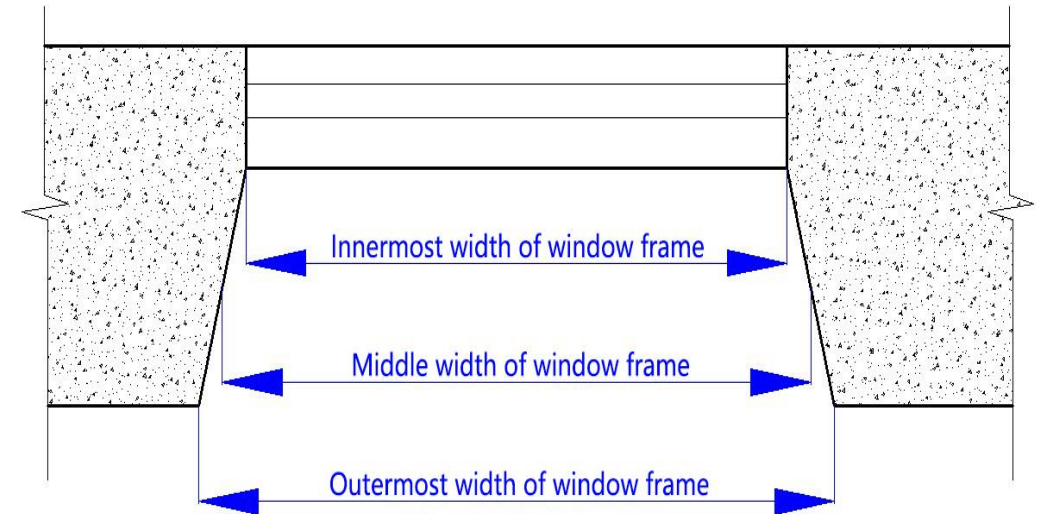
**Take the minimum value when point measuring, and review the diagonal size**

Width minus 3-5mm

Height minus 5-10mm

(Power cable leads from the top: 10mm deduction)

## Measurement Notes



**Slanted window frames need:**

Confirm the width of outdoor roller blind according to its track's position on the window frame.

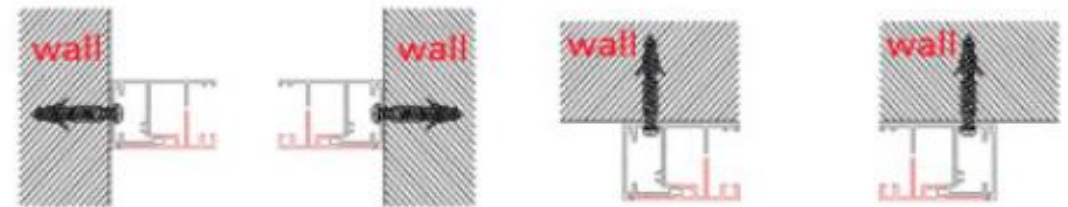
# motorized outdoor roller blind



Wires  
lead from  
the top

Wires lead  
from rear

Define the mounting method based on how to mount the side rails.



on-spot power direction = motor assembly direction



Think about whether installation is easy while choosing wire lead direction

## Preparation for installation

- 1/ Select appropriate tools and mounting screws according to the site environment and mounting surface mechanism.
- 2/ Stay safe. Not advised to do the outdoor job during rainy, snowy and high windy days.
- 3/ Pay attention to the danger of falling objects during outdoor or aerial installation.
- 4/ When building a window sill, make sure it can withstand your stepping on it to avoid causing damage to the goods.

### Tools:

- 1, Pistol Drill    2, Cross Batch Head    3, Tape Measure    4, Wire Splicing Pliers    5, Electrical tape    6, spirit level



### Recommended screws



#### **Metal frame mounting surface**

304 stainless steel drill screws

#### **Wood plastic mounting surface**








304 stainless steel self-tapping screws

#### **Concrete marble mounting surface**

304 stainless steel self-tapping screws and plastic expansion tube



Packing List

NAME	PHYSICAL PICTURES	QUANTITY OF PER SET
Main body of outdoor roller blind		ONE SET
Side rail of outdoor roller blind		ONE PAIR
<div>INSTALLATION PACKAGE</div> <div>( Read the outer packaging label remarks. Generally placed in the packaging box where the product is controlled by the last channel of remote controller. )</div>		
Remote controller		One Quantity is based on client's request and scenario requirements.
Motor travel adjustment bar		One
Motor introduction		One
Installation screws		About 10pcs per set. Quantity of set is up to the height.
Certificate of Conformity		One

1/ After opening the box, please check the size and check all the accessories, and double check the size according to the label.



## Installation steps

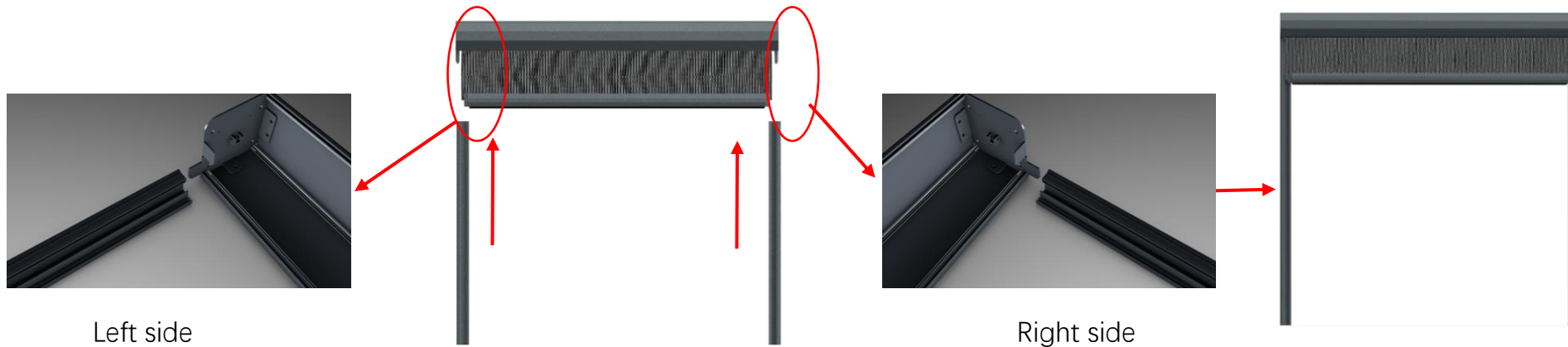


2/ Pull off the cover and disassemble the tracks in sequence.



3/ Distinguish between the left and right side during installing side rails, with the opening facing forward.

① Insert the side rails into the iron plates on both sides of the main body.



# motorized outdoor roller blind

② Move the windproof roller blind having been inserted with the side track to the installation position. Use level, tape measure and other positioning products to ensure that the cassette is in a horizontal position and the track is kept vertical, while ensuring that the distance between the top and bottom of the track on both sides is the same (error  $\leq 3\text{mm}$ ), and hit the installation screws after the measurement is correct.

## Face Fit

tighten screws  
from front

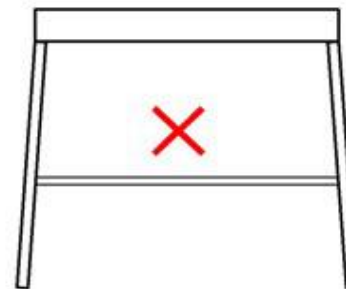
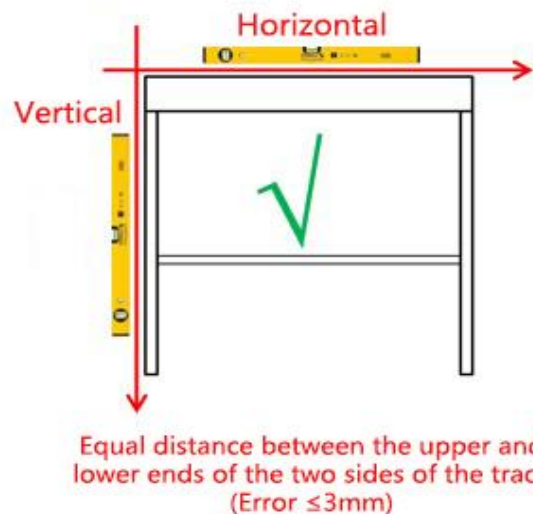


## Recess Fit

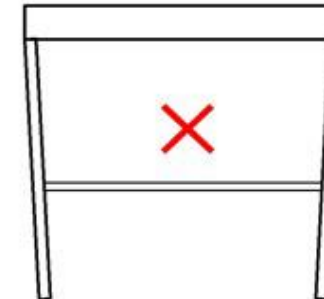
tighten screws from  
left and right



Check whether both sides of the track are installed in a standard way



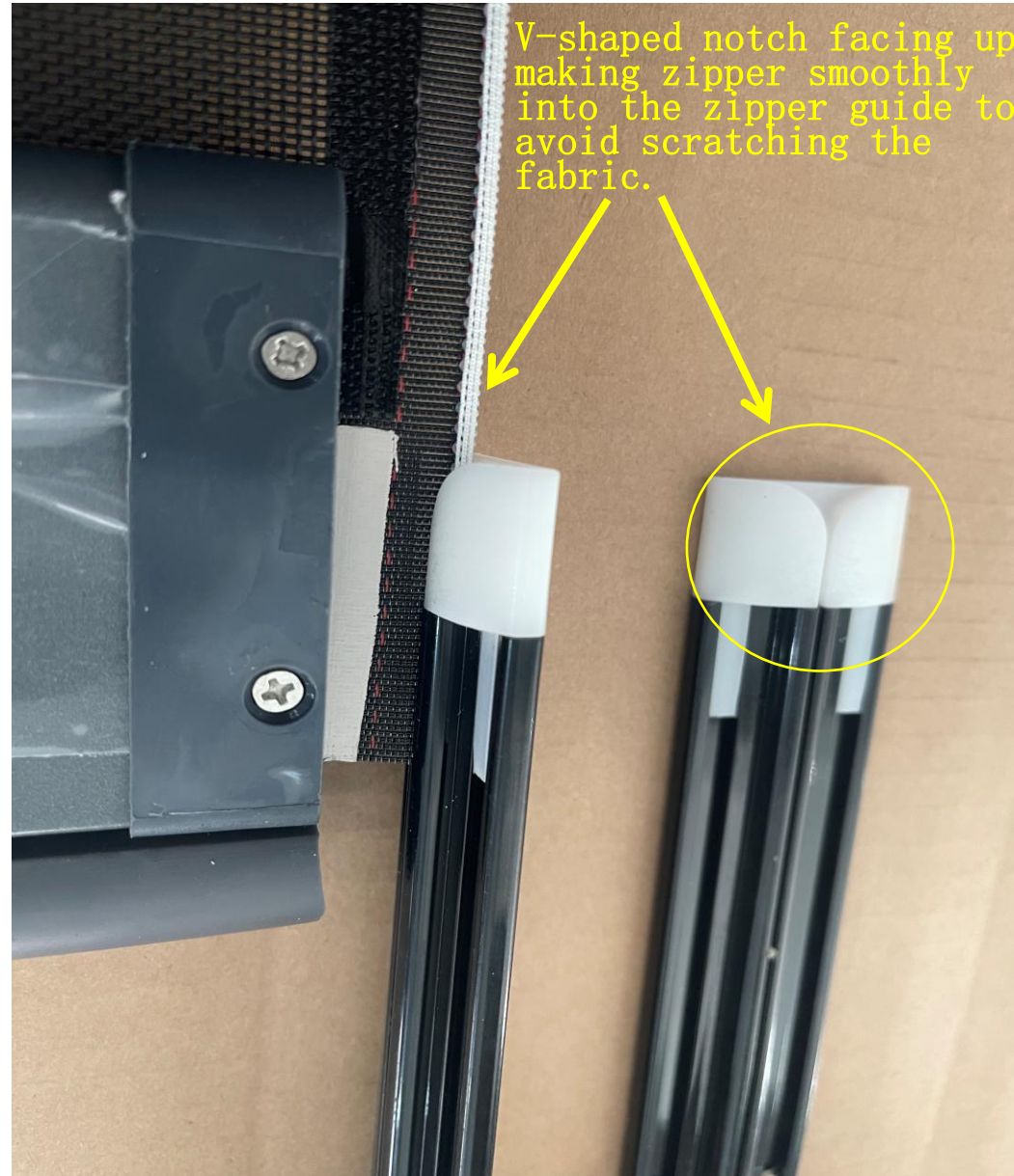
Wider spacing at the lower  
end of the track



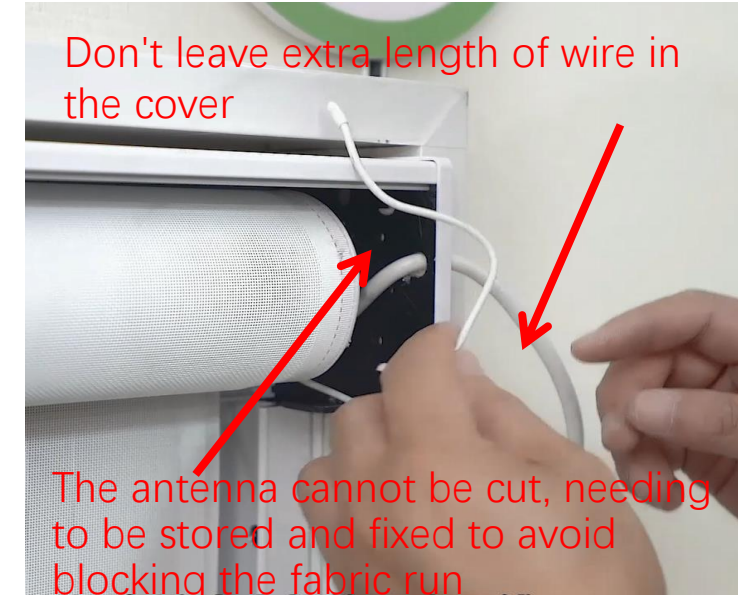
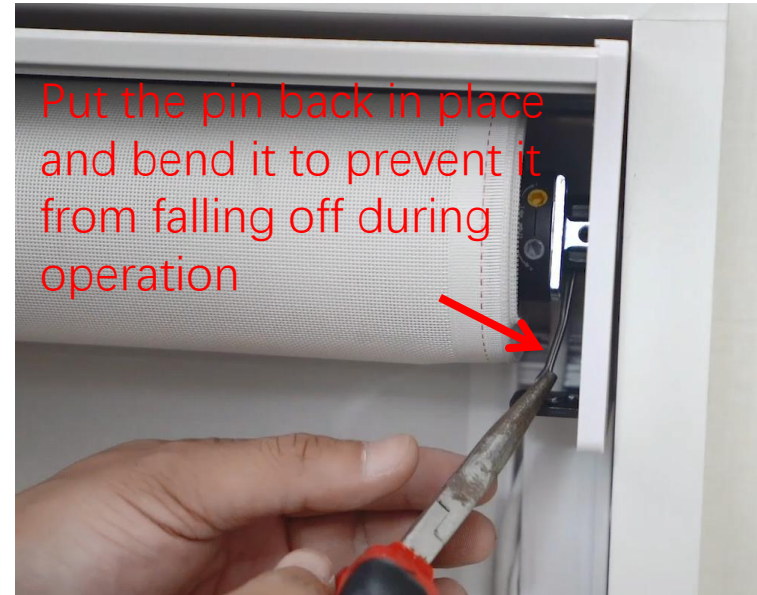
Narrower spacing at the  
lower end of the track



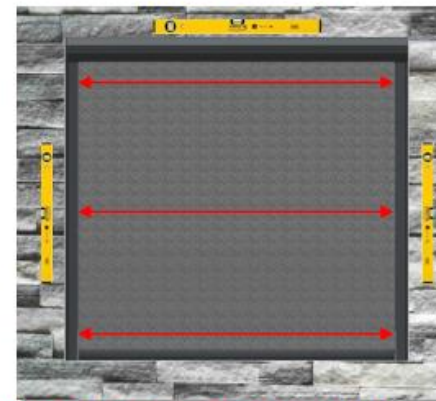
4/ Align the V-shaped opening end of the black zipper guide slot with the zipper through, and install the side rail cover.



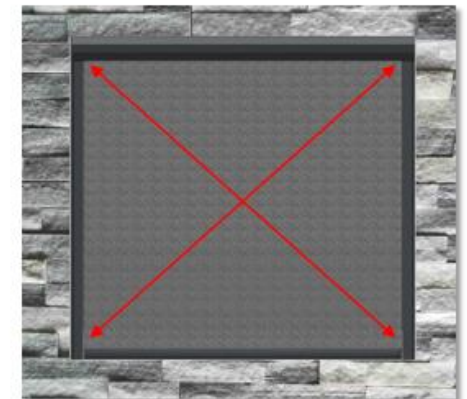
## 5/ Put the rolled fabric inside the box.



6/ After completing all the fixing, measure the horizontal size of upper, middle and lower position of the outermost end of the product.  
(The width error of the upper and lower ends of both sides of the track  $\leq 3\text{mm}$ , and the diagonal size error of the windproof roller shutter  $\leq 5\text{mm}$ )

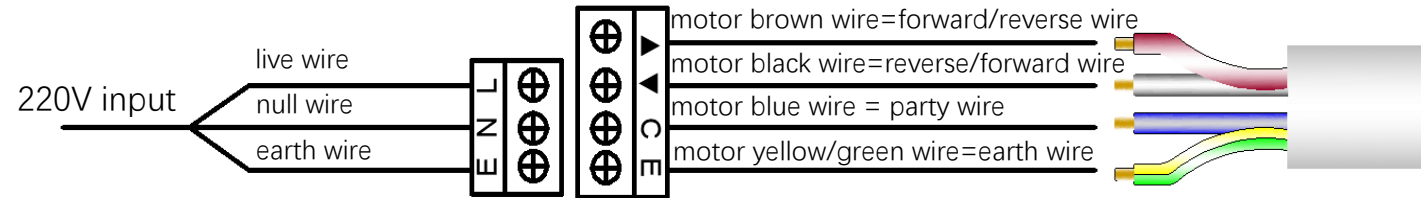


以上尺寸为准，中下尺寸与上尺寸误差不大于3mm

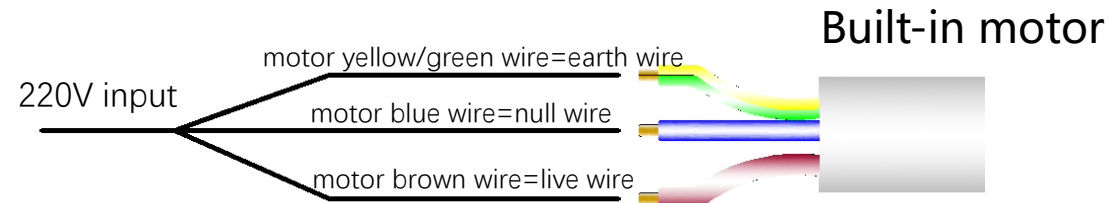


对角尺寸误差不大于5mm

## 7/ Motor wiring



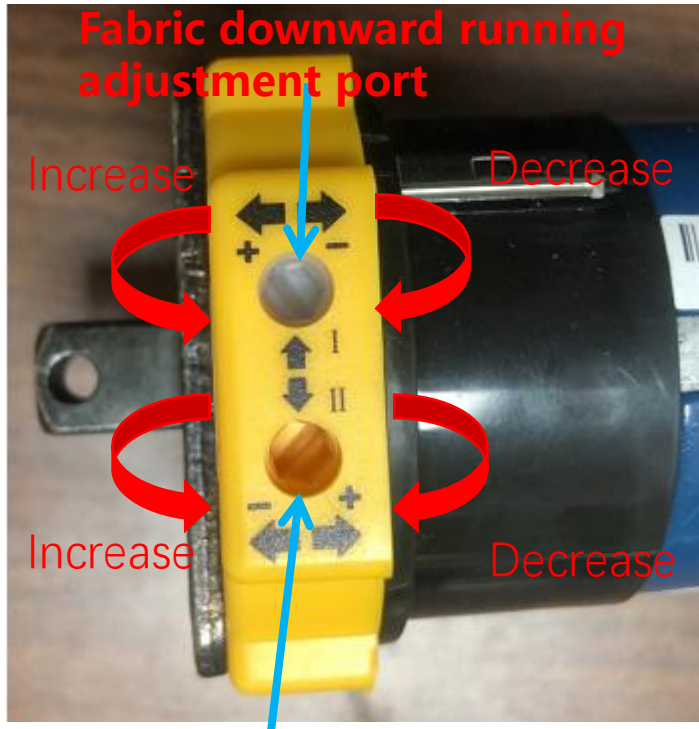
External motor receiver



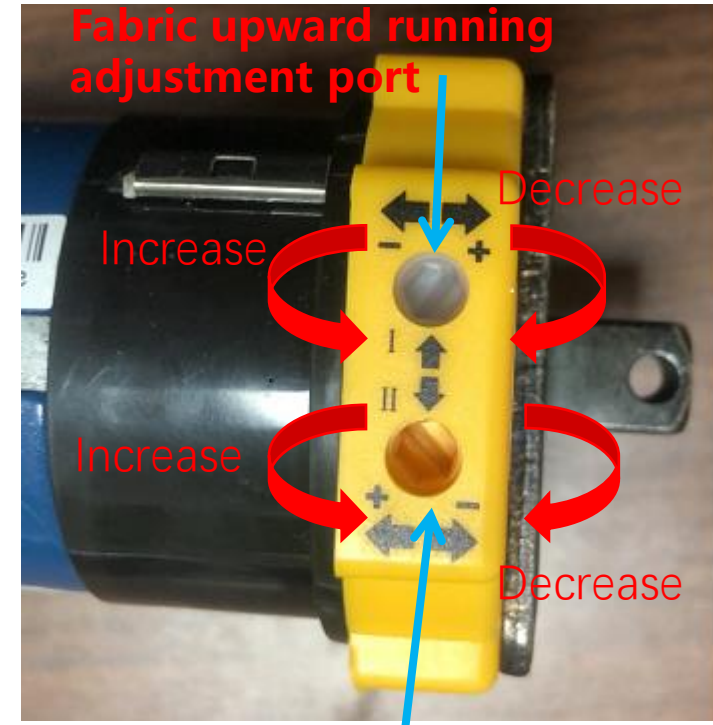
Wrap the wire after connecting the wire. The exposed part needs to be wrapped with a sleeve. Ordinary motors need to be applied with glass glue when installed outdoors, doing good waterproof treatment. Or it's safer to use waterproof motor.



## 8/ Power on, test run, and adjust motor travel



**Fabric upward running adjustment port**



**Fabric downward running adjustment port**

### Windproof roller blind's upper and lower limit position adjustment:

Insert the adjusting rod into the hole of the motor head and rotate the adjusting rod in the direction of the above figure.

**Tips:** Increase by clockwise rotation, decrease by counterclockwise rotation.

### Note:

This adjustment method is applicable to AOK motors. Refer to the motor manual or contact technical personnel while using other brands of motors.



# motorized outdoor roller blind

## 9/ Motor to code / delete code (this remote control is applicable to Aok motor, other brands of remote control need to correspond to the brand of motor.)



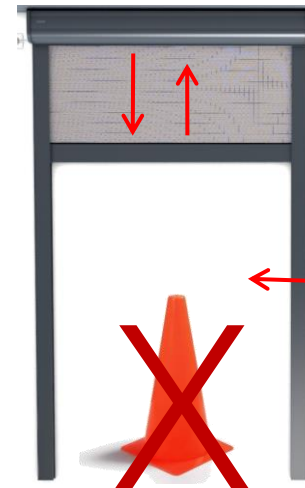
Motor to code: long press the remote control up line button till the remote control indicator lights for a long time, without moving finger away, the motor immediately energized; after power, immediately press the up line button twice, and the motor jitter to code success.



Delete the code: motor power on the case, long press the stop button, the motor shaking, and immediately long press the learning button behind the remote control for 7 seconds, the motor shaking twice, delete the code successfully.



## 10/ Usage of outdoor roller blind



Please make sure there is no obstacle blocking this lower rod when it is in operation

## Common faults and troubleshooting and precautions

Occurrence	Reasons	Exclusion method	Notes for use
Motor does not turn	1.Power supply is not working. 2.Wiring error or poor contact. 3.Motor overheating protection or motor damage. 4.The remote control has no power or dropped the code.	1.Check the power supply. 2. Rewire. 3.Power off for 30 minutes. 4. Replace the battery or re-code the remote control.	1. Don't block the operation of the outdoor roller blind.
			2. Do not adjust the motor travel by yourself.
Fabric jams	1.The lower rod is blocked when running. 2.The zipper is stuck with the inner track. 3.The cover is not horizontal or the track is not vertical. 4.Fabric tension is too tight.	1. Clear the obstacles and re-run. 2.Readjust the zipper. 3.Adjust to horizontal or vertical state. 4.Reduce the height of cushion cotton.	3. If the track is found to be loose, stop using it. And ask the professional to repair.
			4. Outdoor products should be in a retracted state during windy days.
Fabric Pleats	1.Fabric offset. 2.Fabric tension is too small. 3.Long time not unfolded.	1. Unfold the fabric to adjust the left and right distance. 2.Increase the height of cushioning cotton. 3.Unfold the windproof curtain to make the fabric under pressure.	5. The remote control is placed in a place where children can not get.
			6. Retract the product while we don't use in the long term. And disconnect the power supply and take remote control batteries out.



## **Contact Us**

Customer Support: +91 82779 96564

Sale Enquiry: +91 9666445582

Email : [Anurag.kesarwani@renomate.in](mailto:Anurag.kesarwani@renomate.in)

Address:

Plot No.100, H.No. 5-5-35/149/A,  
Prashanthi Nagar, Kukatpally,  
Hyderabad-500072