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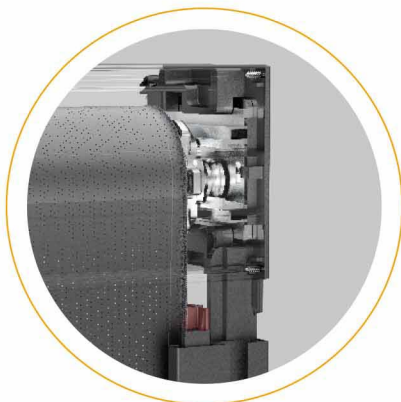
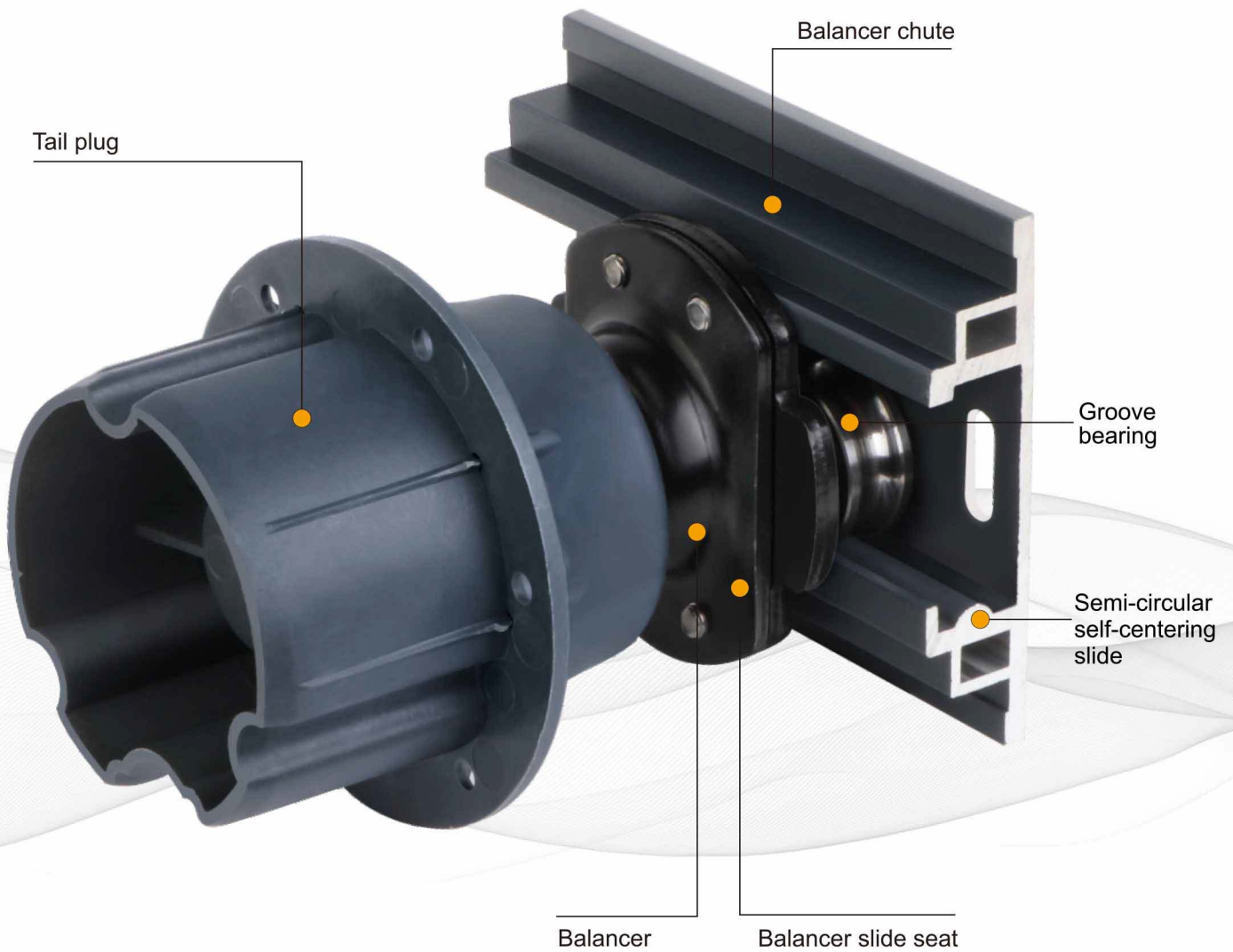
KOPER_k
CORE
TECHNOLOGY



Core technology

01

Smart balancer make the
windproof roller blinds
more durable



Zipper vertically into the zipper guide rail,
the whole process of care, the fabric is more flat

Core technology

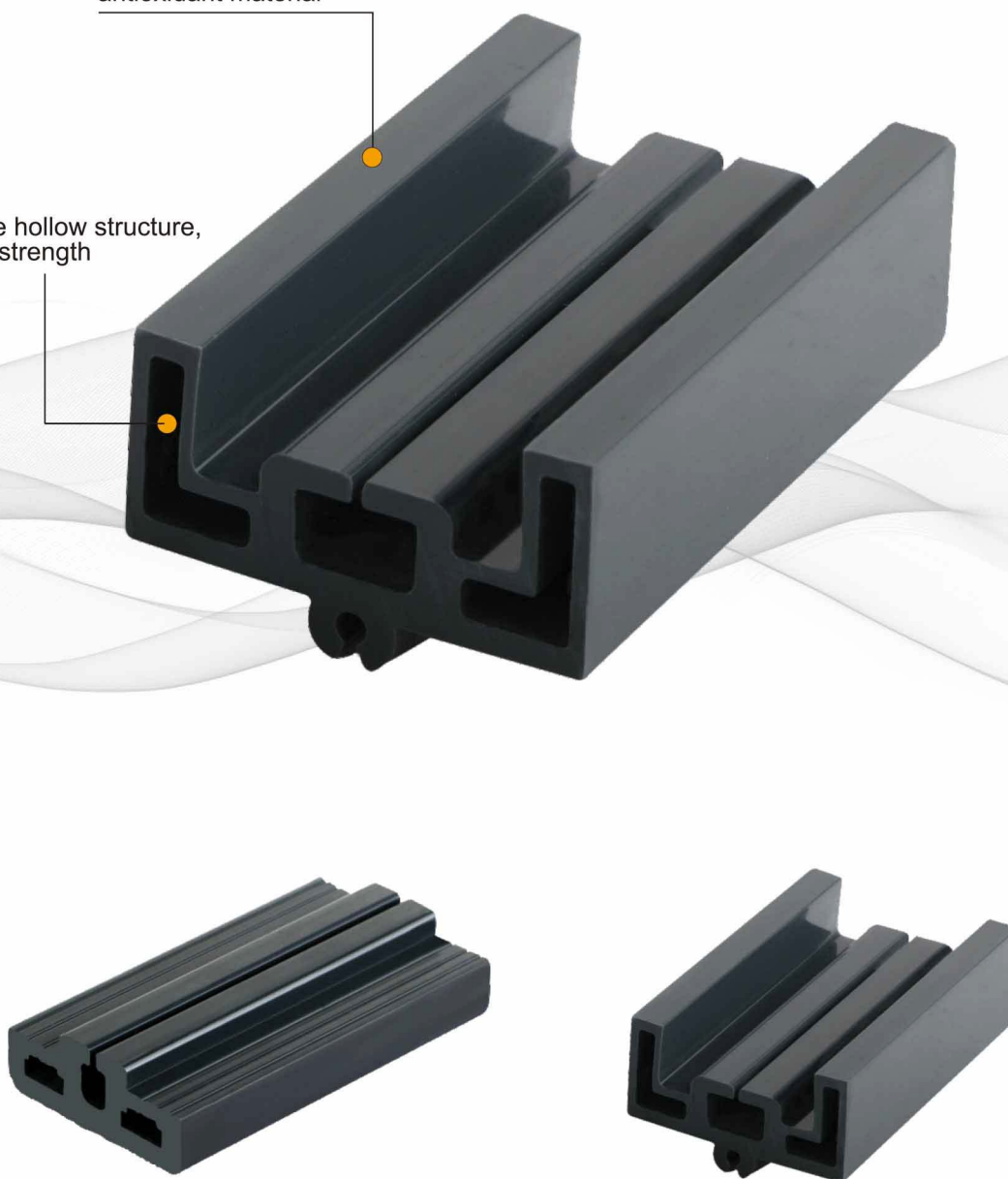
02

Hollow structure
High temperature
resistant zipper guide
Keep the zipper stable



High temperature resistant,
antioxidant material

Unique hollow structure,
better strength



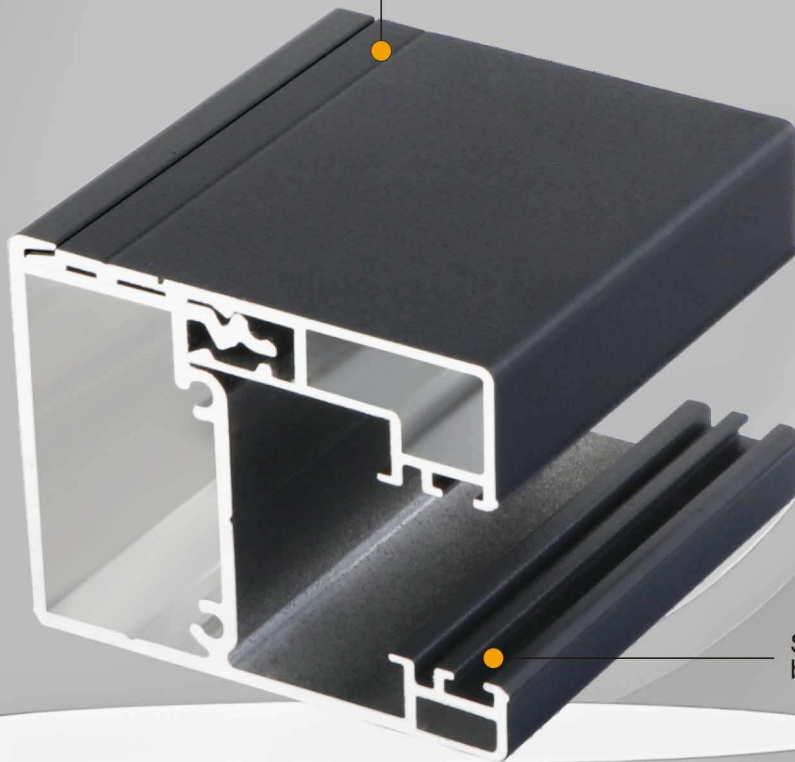
Core technology

03

No screws installation
side rail, more convenient
disassembly

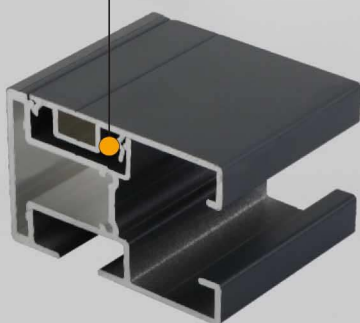


Insert bayonet diagonally
for easy disassembly



Silencer bar can
be installed

External buckle type,
better wind resistance



Z12 snap side rail

Core technology

04

**Fabric oriented
technique,
Make the
windproof roller blind
more flat**

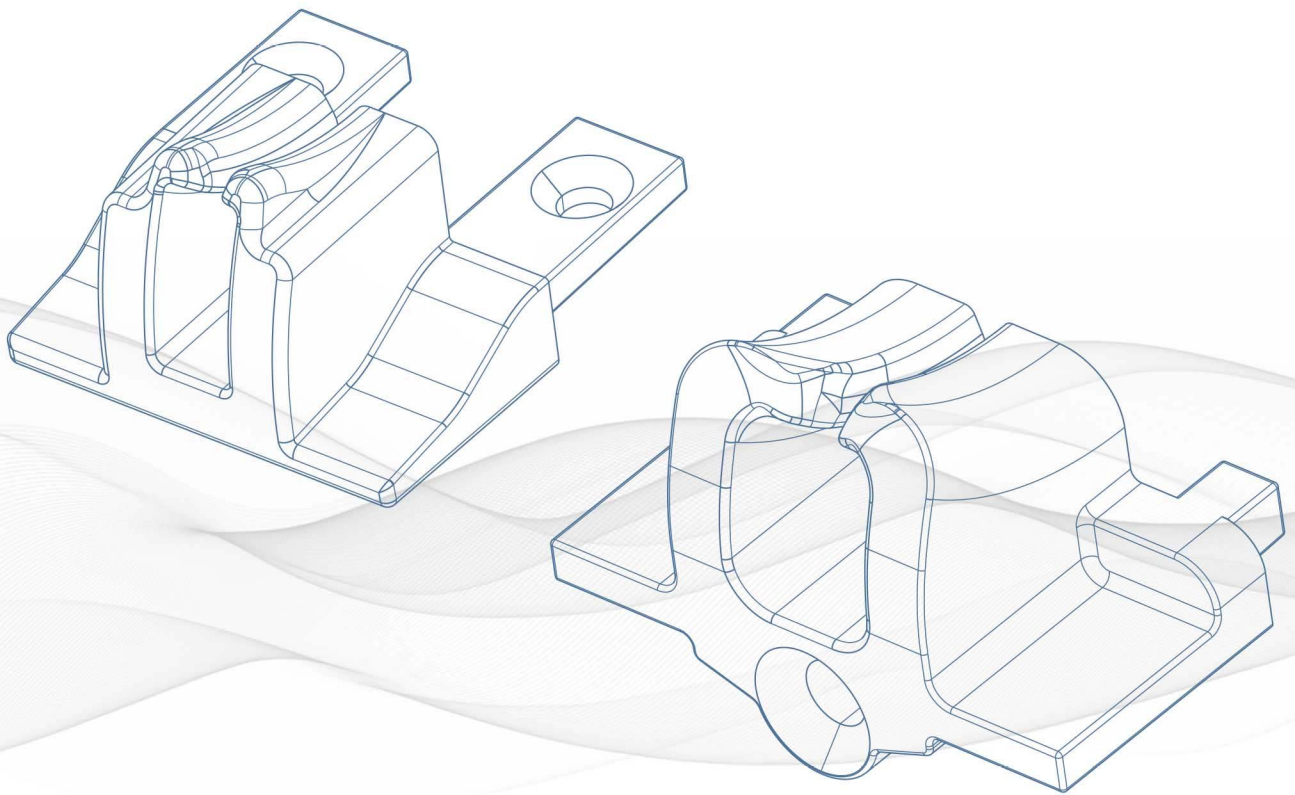


- ▶ Equipped with wear-resistant nanostrips to reduce fabric friction noise;
- ▶ At the same time will face the zipper vertical direction into the guide rail;
- ▶ Nanostrip assisted, the balancer automatically adjusts the center position according to the amount of the winding of the fabric to ensure that the fabric is protected with a small Angle to ensure life;

Core technology

05

**Metal zipper rail end plug,
Make the windproof roller
blinds better wind
resistance**



WINDPROOF ROLLER BLINDS



Strong
Windowproof



Sun
Shade



Rainstorm



Thermal
Insulation



Temperature
control



Beautify
the environment

- ▶ Smart balancer, let the zipper vertically into the zipper guide rail, flat fabric, wind guarantee up to 80 km/h (recommended to raise your blind when the wind may exceed 50 km/h, performance may vary depending on your application);
- ▶ Snap side rails and three-piece side rails (finished products) are available;
- ▶ Up to 5.85 meters wide, up to 6 meters high;

Core technology

10

**Gravity bearings, Make
the system run with
little resistance.
More durable**



Gravity bearing
Life guarantee

Extra-thick steel plate
Strength guarantee

Self-locking buckle
Easy disassembly



Core technology

11

**Extra wide windproof
roller blinds Motor
maintenance technology**



Easy fabric installation
technology

Built-in fabric flat
core technology

High strength connection

You can change the motor
without removing the blinds



Outdoor special windproof roller blinds system Z12 Windproof roller blinds series

Z12 Motorized windproof roller blinds

Width up to 5.85 meters, multiple smart home connections, widely used in sunrooms, clubhouses, balconies and other high-end places



Z12 Windproof roller blinds application features

- ▶ 120x120mm Cassette system;
- ▶ Smart balancer, windproof roller blinds last longer, wind guarantee up to 80 km/h (recommended to raise your blind when the wind may exceed 50 km/h, performance may vary depending on your application);
- ▶ External buckle side rail, excellent windproof performance;
- ▶ Double zipper guide for better strength
- ▶ Windproof curtain up to 5.85 meters wide, height up to 6 meters;



SMART BALANCER

SMART BALANCER MAKES WINDPROOFROLLER BLINDS MORE DURABLE



FLATTER FABRIC

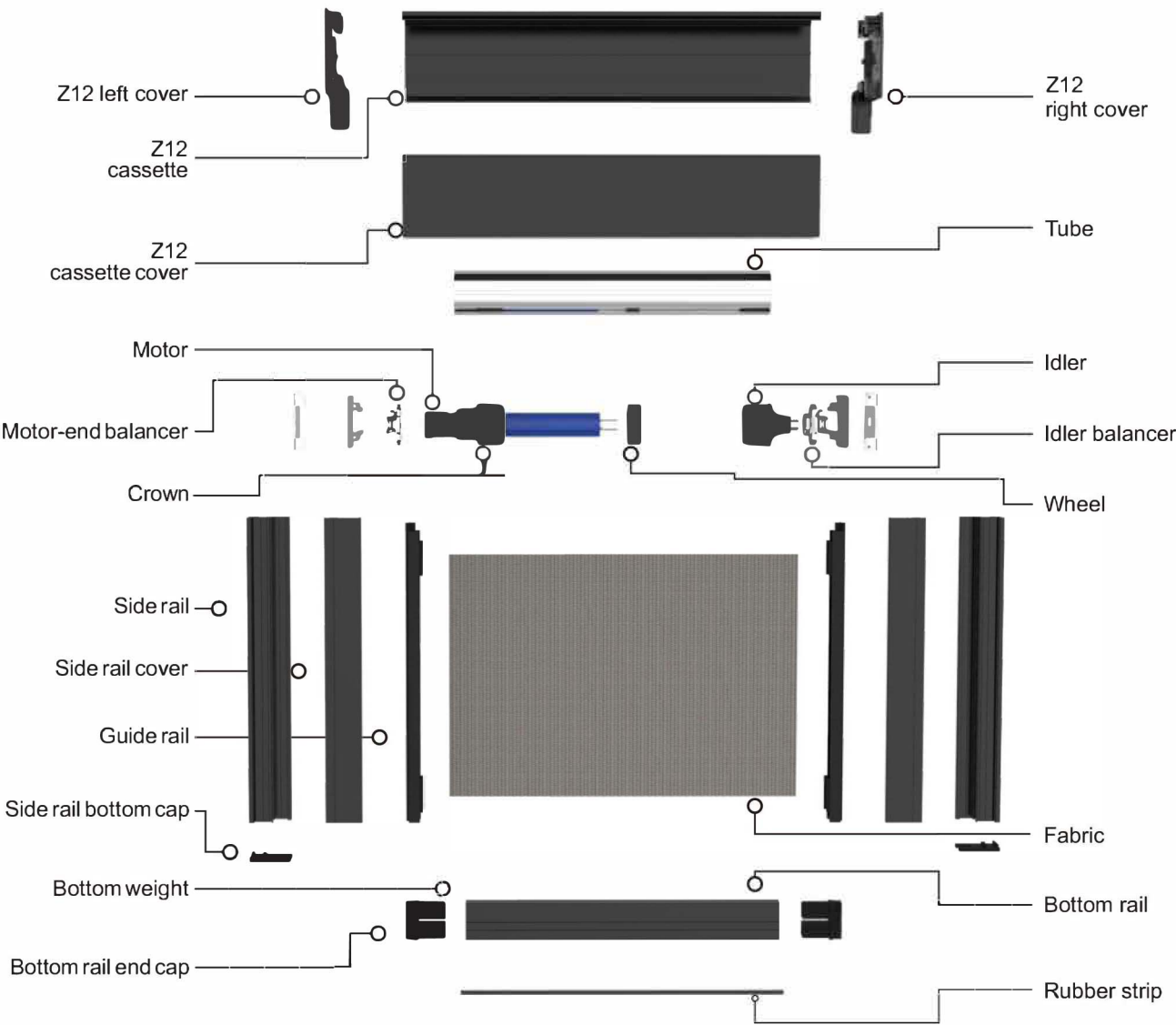
Smart balancer: Ensures that the face material is released or wound from the roll tube in a direction parallel to the zipper guide, making the face material run flatter and straighter.



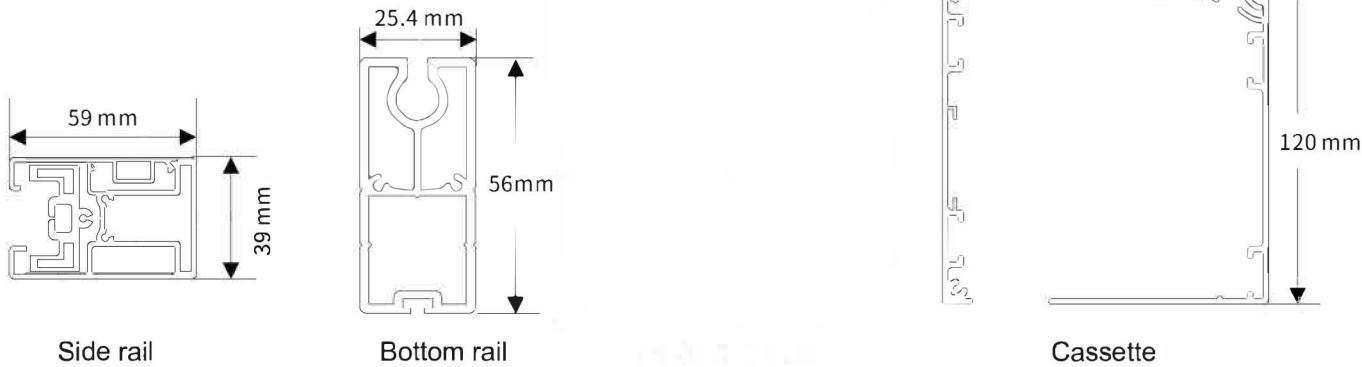
FULL CARE OF ZIPPERS

Smart Balancer: Automatically adjusts the position of the center of the coil according to the amount of material, ensuring that the zipper always enters the zipper guide in a vertical position, taking care of the zipper throughout the process and ensuring that the system is used for a longer period of time.

Z12 Windproof roller blind diagram



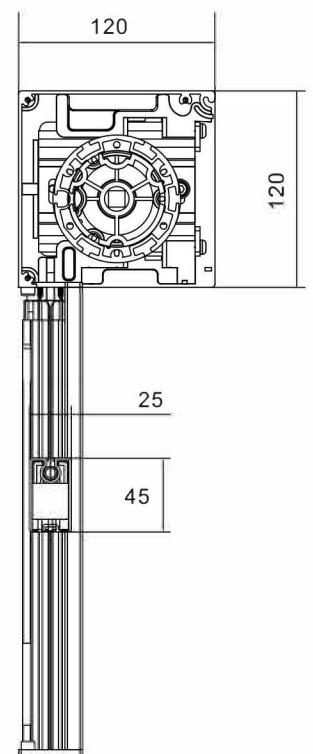
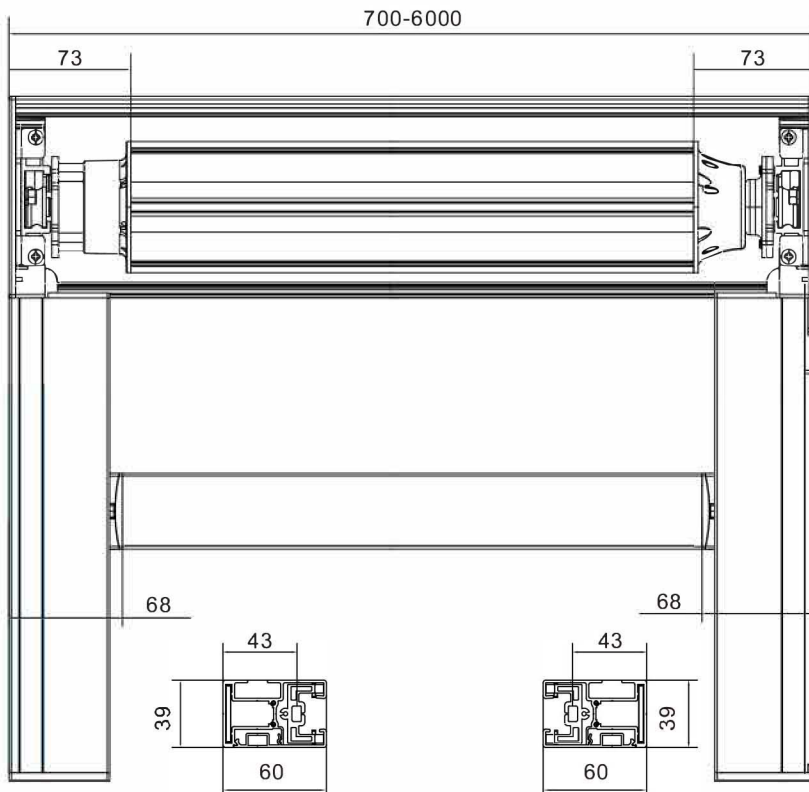
Profile size



Z12 The specification recommendation of windproof roller blinds

The specification recommendation of windproof roller blinds

Height	With 63 tubes, the maximum height can exceed 5 meters, but the width should not be too wide, otherwise the tube will be bent; with 78 tubes, the width can be up to 5.85 meters and the height around 3 meters							Various drive systems can be made
Width	Width<3m			width			Remarks	
Category	DriveSystem	Aluminum tube	Bottomrail	DriveSystem	Aluminum tube	Bottomrail		
Motorized	35 tubular motor AM35-10/17,10NM	63mm tube	Heavyweight bottom rail	35 tubular motor 10NM	78mm tube	Heavyweight bottom rail		0.700M
	45 tubular motor 20NM	63mm tube	Heavyweight bottom rail	45 tubular motor 20NM	78mm tubes (single-layer tube:up to 5 meters;double-layer tube up to 6 meters).	Heavyweight bottom rail	When using 90 tubes, it is recommended to use 150 shields; AOKAM45-20/17 motor can be equipped with 15NM, 30NM, and 20NM as standard.	0.700M
Hand push	TI001 Spring locking torsion spring head	63mm tube	Easy to pull	TI001 Spring locking torsion spring head	63mm tube	Easy to pull		0.92M
Chain control	Z12 63 CLUTCH	63mm tube						0.4M
Hand operated	Turbo transmission with fixed plate B09-C	63mm tube	Heavyweight bottom rail	Turbo transmission with fixed plate B09-C	63mm tube	Heavyweight bottom rail	The recommended width is less than 4m	0.35M

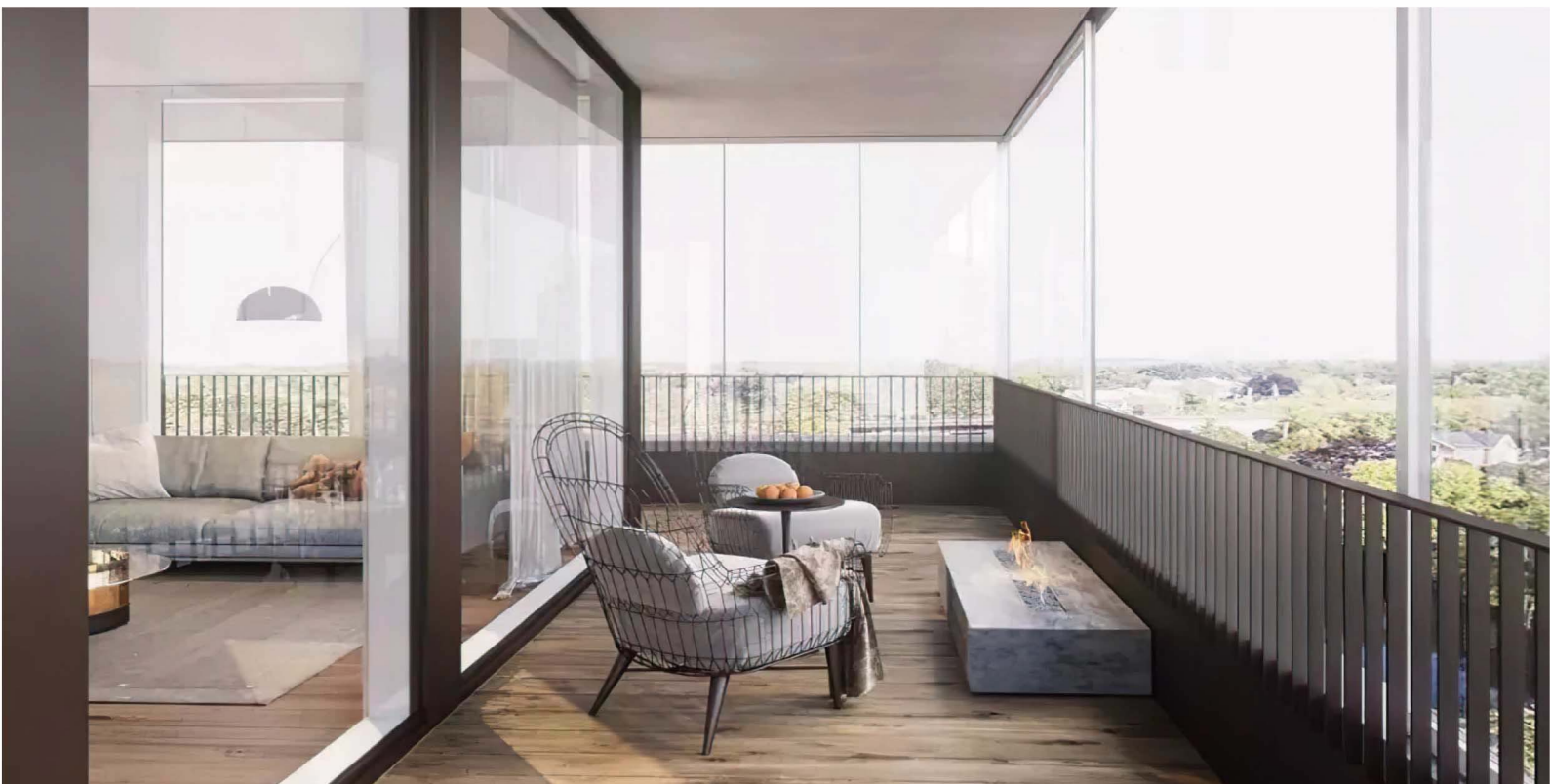


Z18 DOUBLE WINDPROOF ROLLER BLINDS

- ▶ Face oriented technology, let the zipper vertically into the zipper guide rail, make fabric flat, wind guarantee up to 80 km/h (recommended to raise your blind when the wind may exceed 50 km/h);
- ▶ Fastener self-locking installation fixed seat;
- ▶ Double card type side track;
- ▶ Electric operating system;
- ▶ Use 63 tube, width less than 4 meters;



Z18 Double windproof roller blind



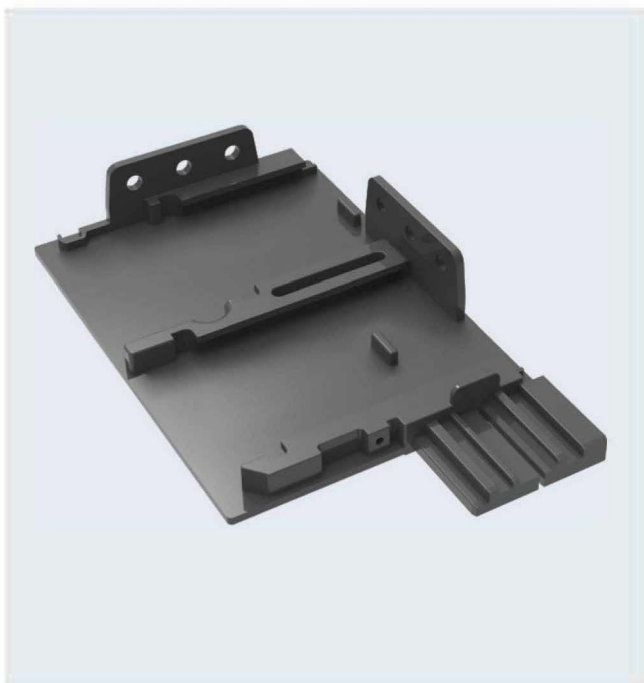
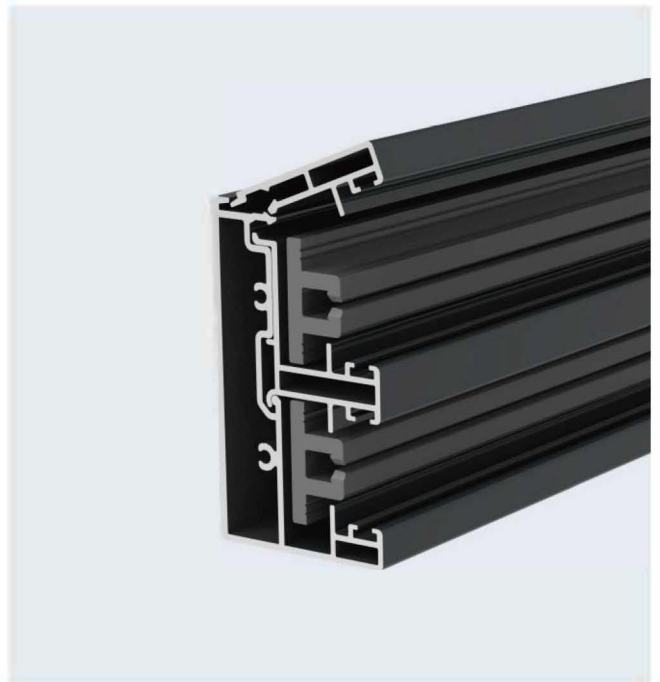
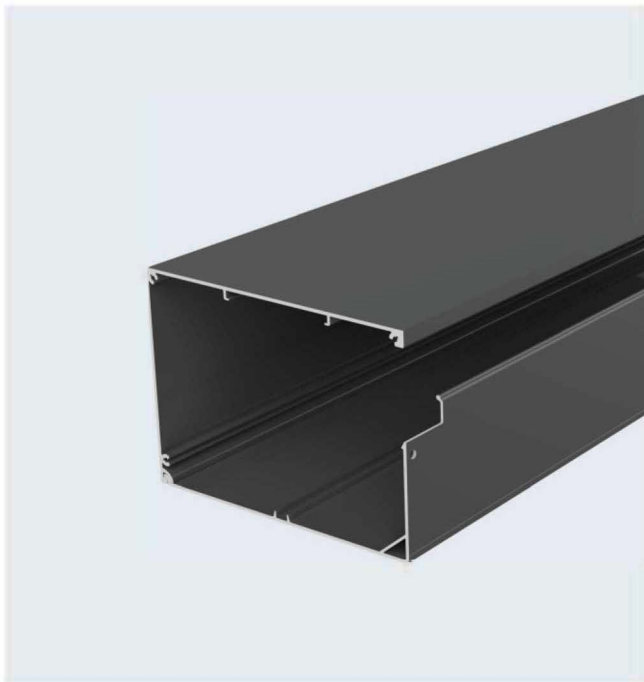
Z18 Double electric windproof roller blind

Width up to 4 meters; A variety of smart home interfaces, widely used in stores, homes, offices and other places.

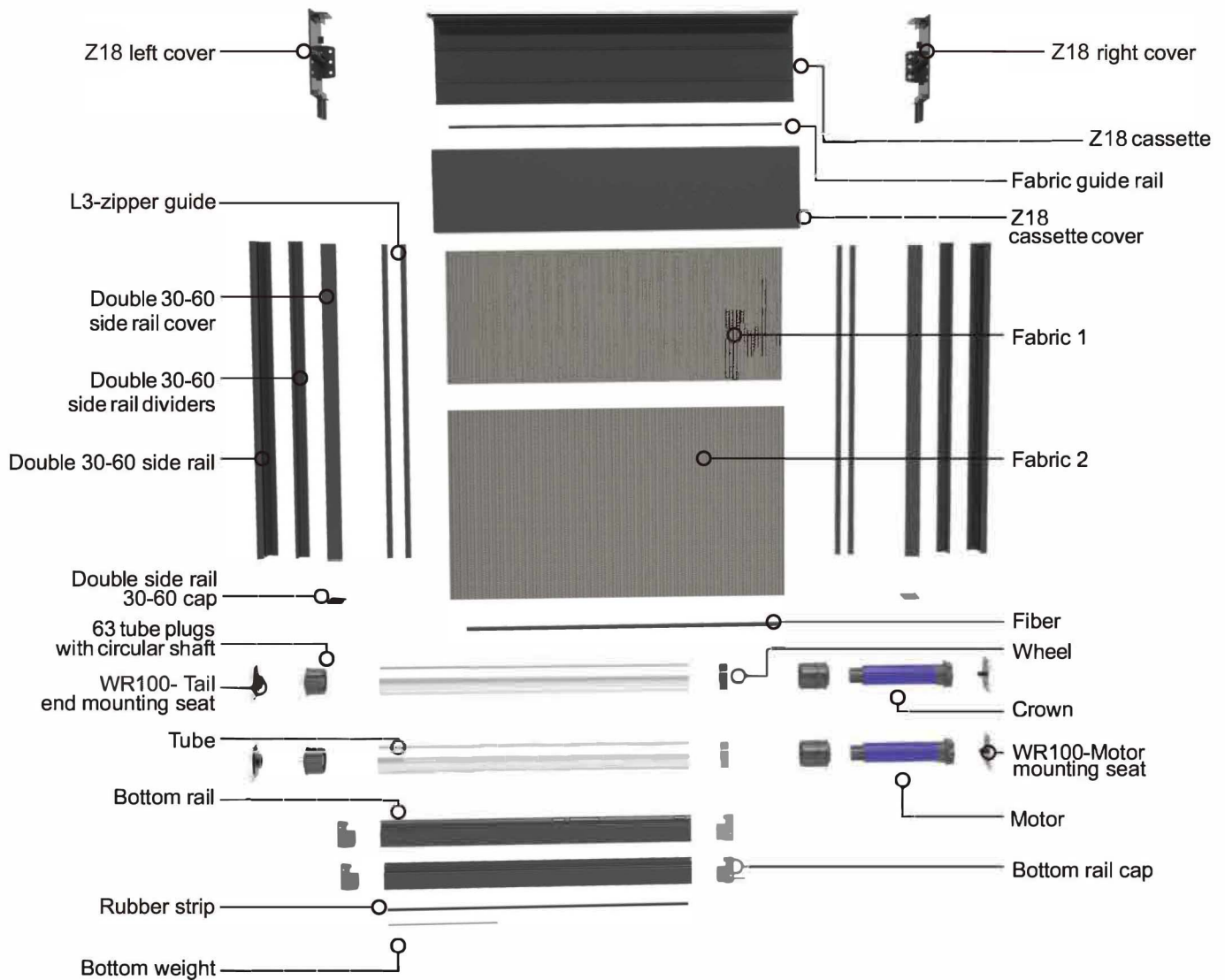


Double windproof roller blind

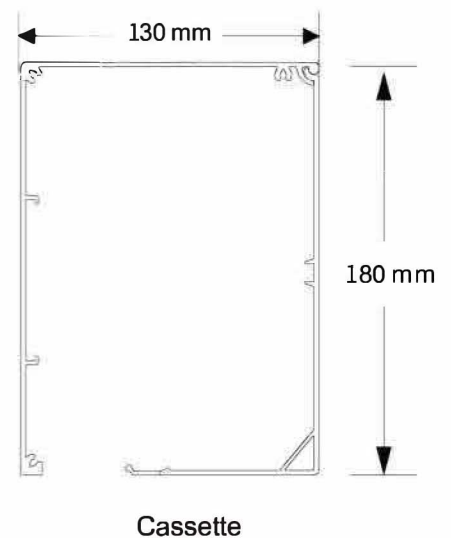
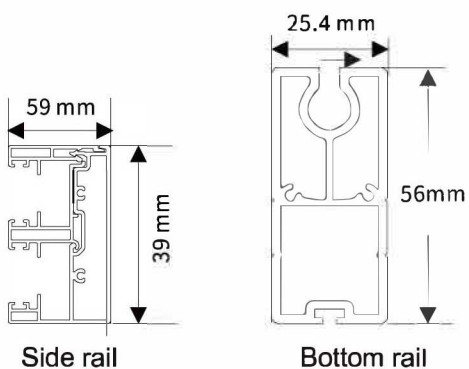
- ▶ 130*180 mm cassette system; Install two layers of semi-shading and full-shading fabrics;
- ▶ Button-type mounting base, easy to install;
- ▶ Side buckle double track, easy to install;
- ▶ Small zipper rail. Compact structure;
- ▶ Windproof blind up to 4 meters wide, height less than 3.2 meters;
- ▶ Electric operating system, special use for indoor places;



Z18 Double windproof roller blind diagram



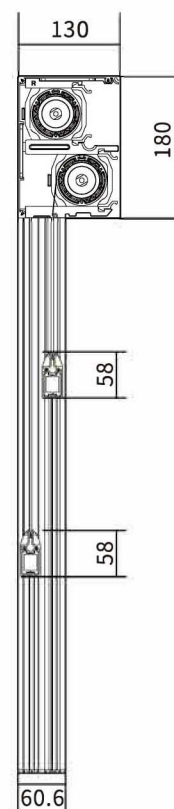
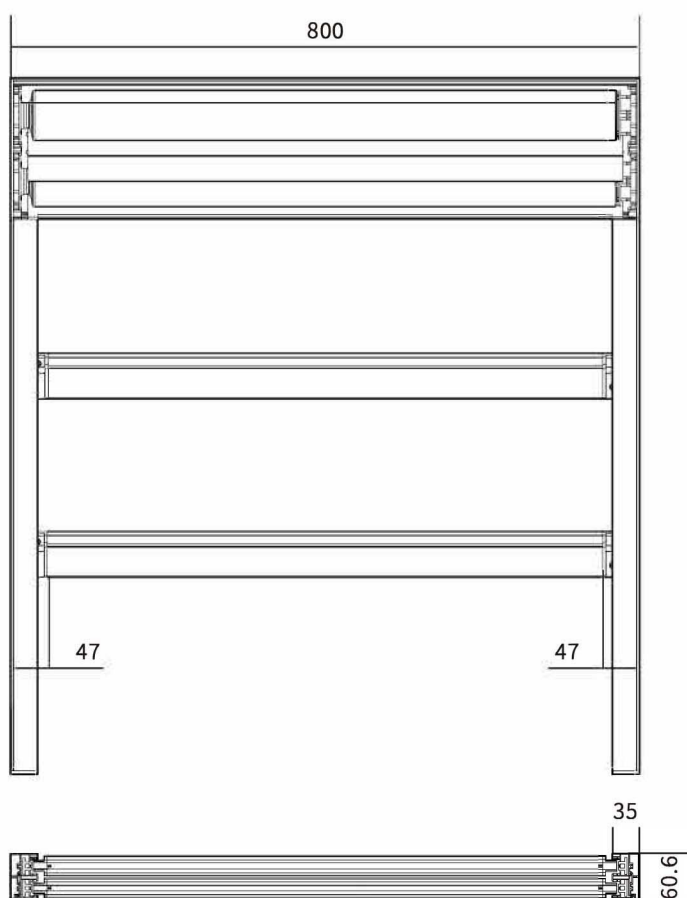
Profile size



Z18 Double windproof roller blind recommendation form

The specification recommendation of double windproof roller blinds

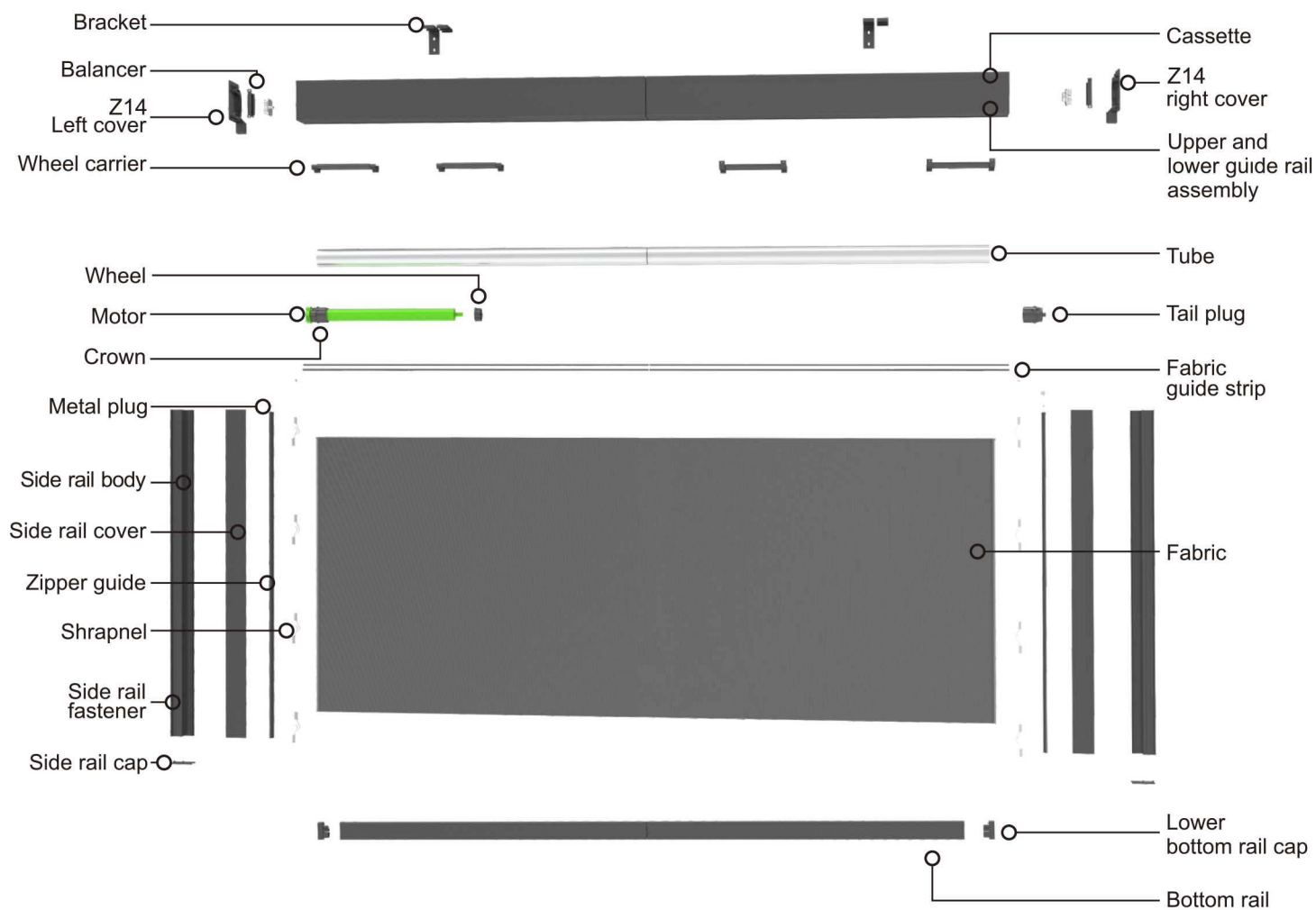
Width	width <2.5m				3m<width<4m				Remarks	Various drive systems can be made
Category	Drive System	Aluminum tube	Bottom rail	Maximum height	Drive System	Aluminum tube	Bottom rail	Maximum height		
Motorized	38 tubular motor AM35-10/17, 10NM	55mm tube	Heavy duty bottom rail	5m	45 tubular motor 20NM~30NM	63mm tube	Heavy duty bottom rail	3.5m		35 tubular motor 0.76M
		63mm tube		3.5m						
	45 tubular motor 20NM~30NM	63mm tube	Heavy duty bottom rail	3.5m						45 tubular motor 0.8M
Hand push	TI001 Spring system	63mm tube	Easy to pull Bottom rail		TI001 Spring system	63mm tube	Easy to pull bottom rail		It is recommended that the height is below 2.2 meters	0.8M



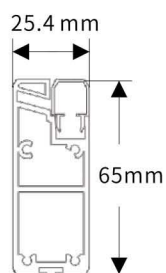
Z14 WINDPROOF BLINDS

- ▶ Width of more than 10 meters, super wide windproof blinds special system, wind guarantee up to 80 km/h (recommended to raise your blind when the wind may exceed 50 km/h, performance may vary depending on your application);
- ▶ The surface section is flat and straight, and the tube is never bent;
- ▶ Strong siderail, strong wind resistance;
- ▶ Easy to install on site;
- ▶ Motor maintenance system without disassembling the whole windproof blinds;
- ▶ Beautiful appearance, exquisite;

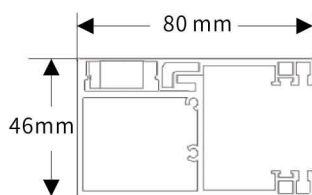
Z14 Oversized windproof roller blind diagram



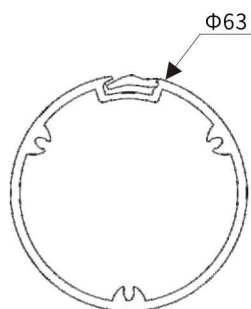
Profile size



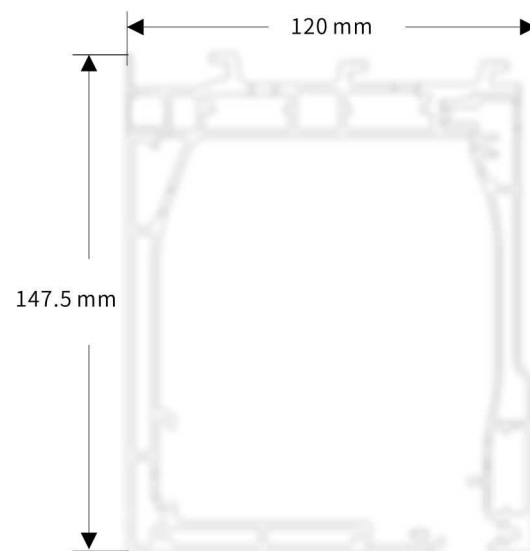
Side rail



Bottom rail



63 Tube

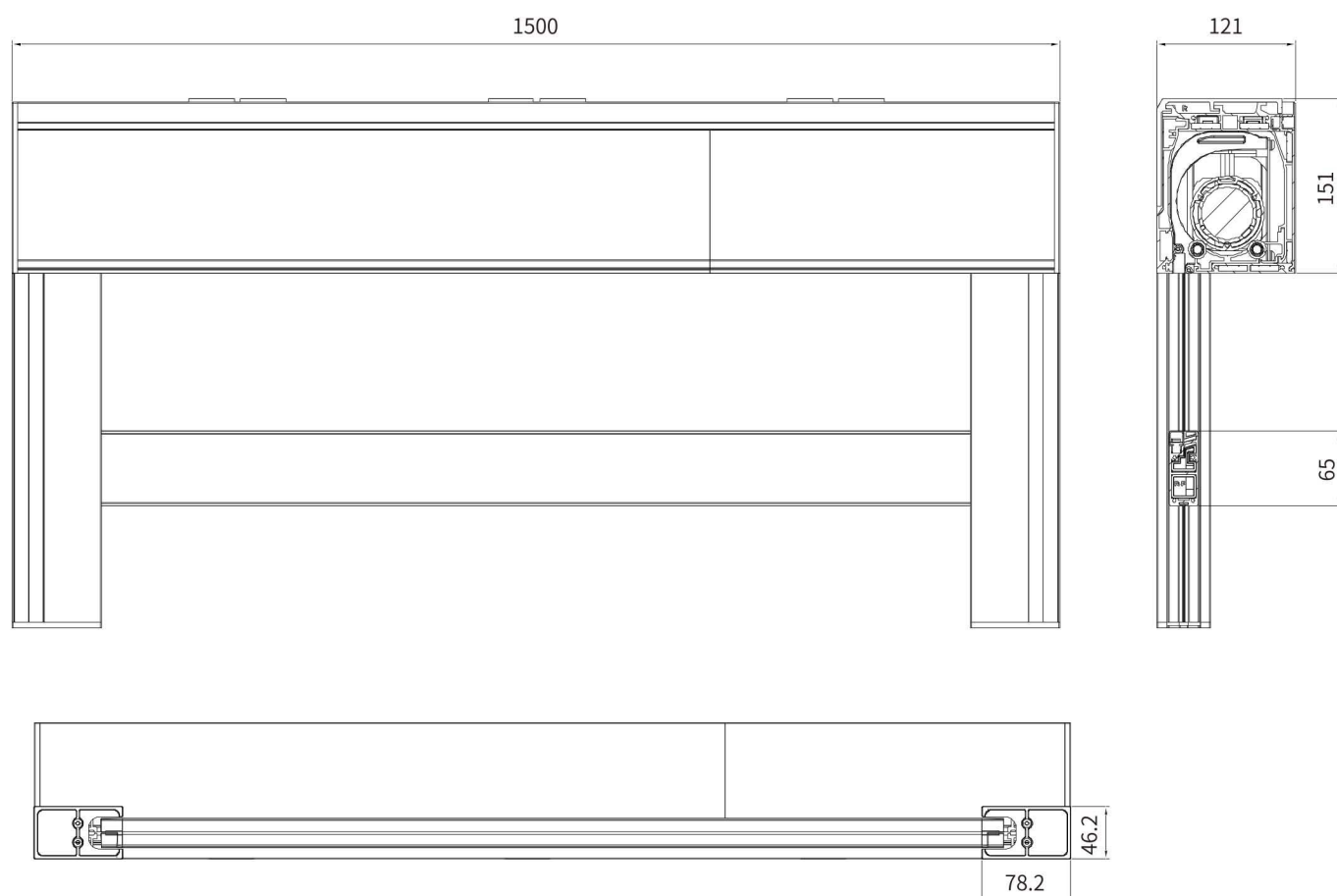


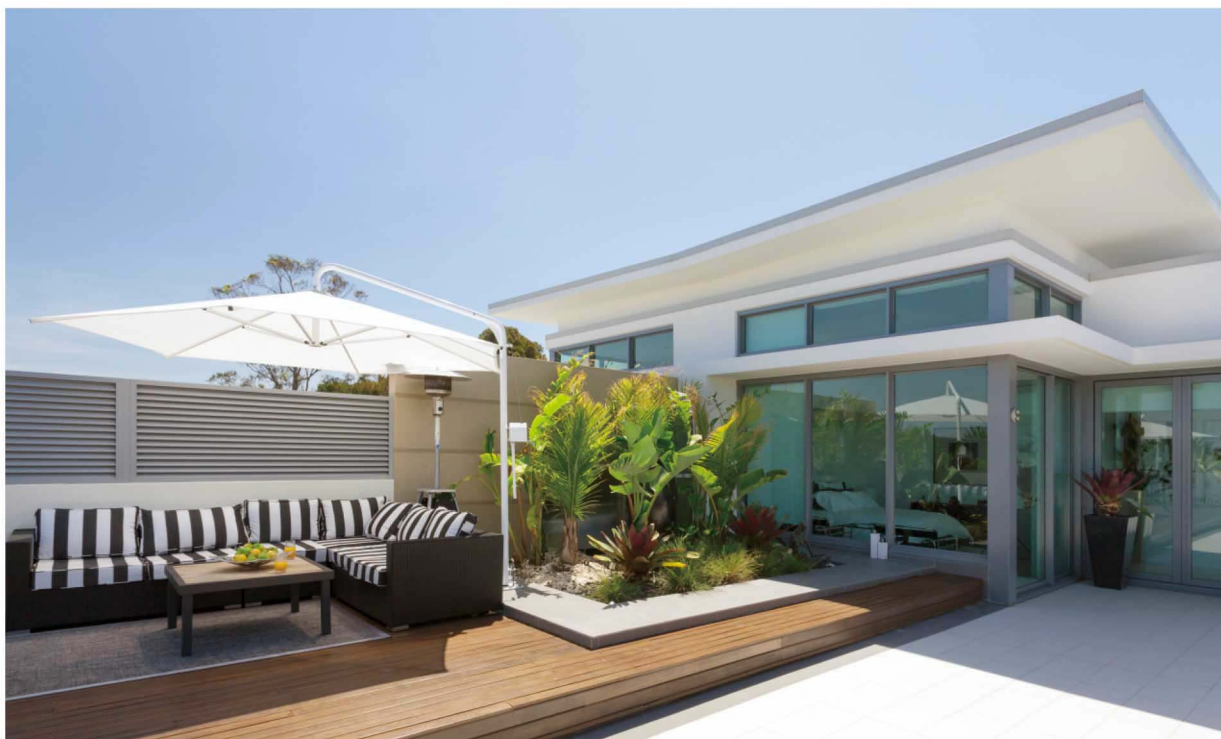
Cassette

Z14 Oversized windproof roller blind recommendation form

The specification recommendation of oversized windproof roller blinds

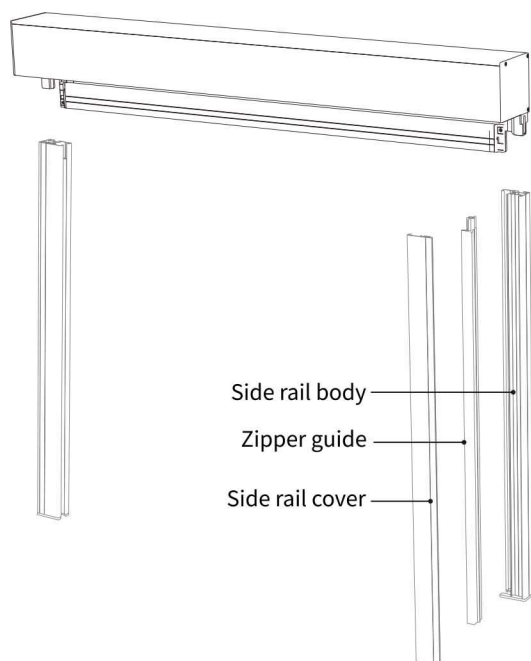
Width	4m<width<15m				Remarks	Various drive systems can be made
Category	Drive System	Aluminum tube	Bottom rail	Maximum height		
Motorized	45 tubular motor 50NM	63 Fastening groove aluminum tube	Bottom rail Z14	3m		45 tubular motor 50N:1.5M





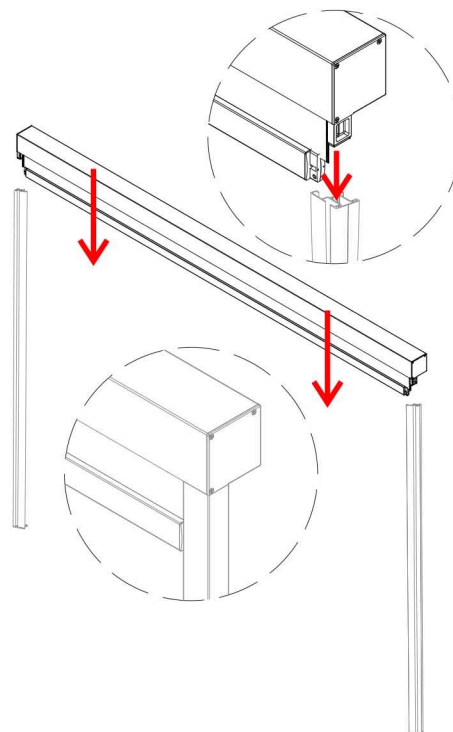
1

Divide the two side rails into:
Side rail body, zipper guide rail, side rail cover;



2

The main body of the two side rails is
inserted on the end cover;

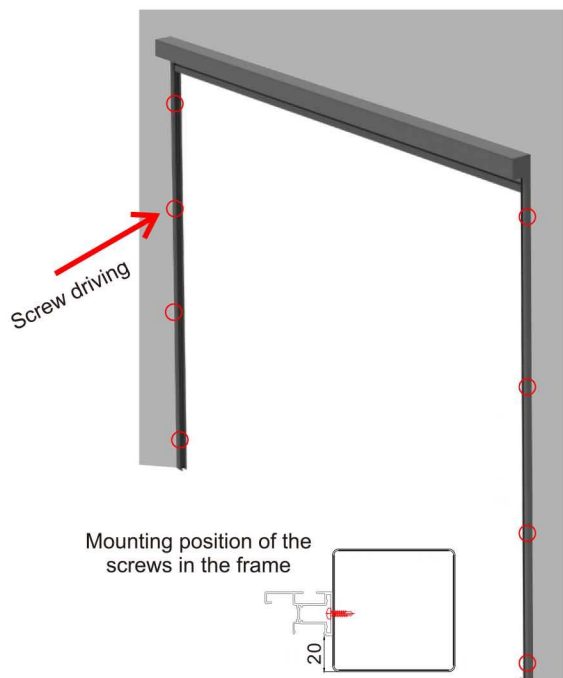


3

At the corresponding position of the side rail
Make the installation holes;

4

Put the windproof Roller blind on the frame,
Fasten with screws;

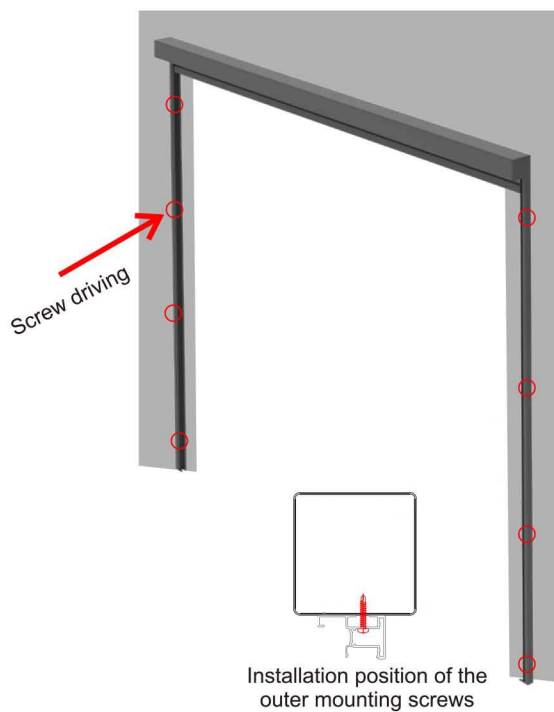


5

At the corresponding position of the side rail
Make the installation holes;

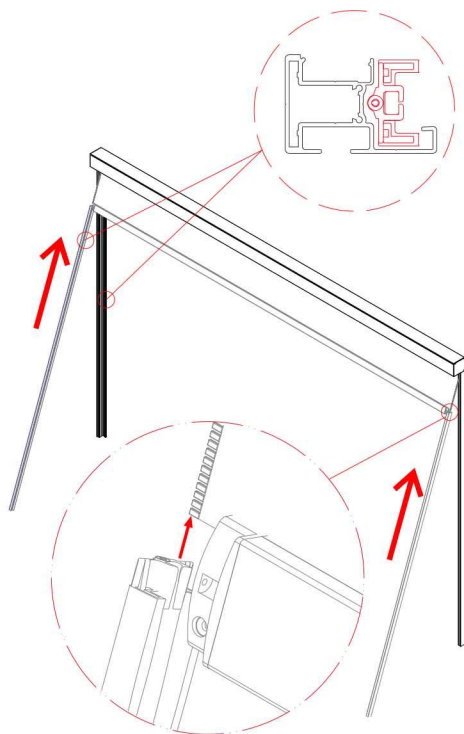
6

Put the windproof Roller blind on the frame,
Fasten with screws;



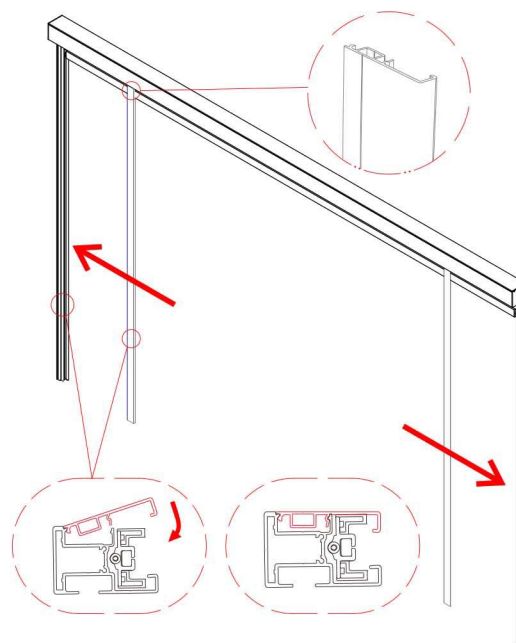
7

The zipper guide rail is installed in the side rail;
Note: The fabric zipper must be inserted
into the zipper rail



8

Cover the side rails on both sides with the cover,
switch on the power supply roller blind flat lifting
(i.e. installation is complete)



Windproof roller blind application real case



