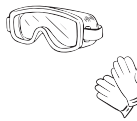


PERGOLA 4×6M

Assembly Instructions
Orion Premium

NECESSARY TOOLS AND SAFETY GEAR(NOT SUPPLIED)

Goggles & Gloves



Ladder



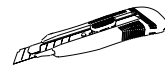
Electric drill + 12mm
concrete drill bit



Pistol drill



Utility knife



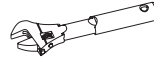
Helmet



Tape measure



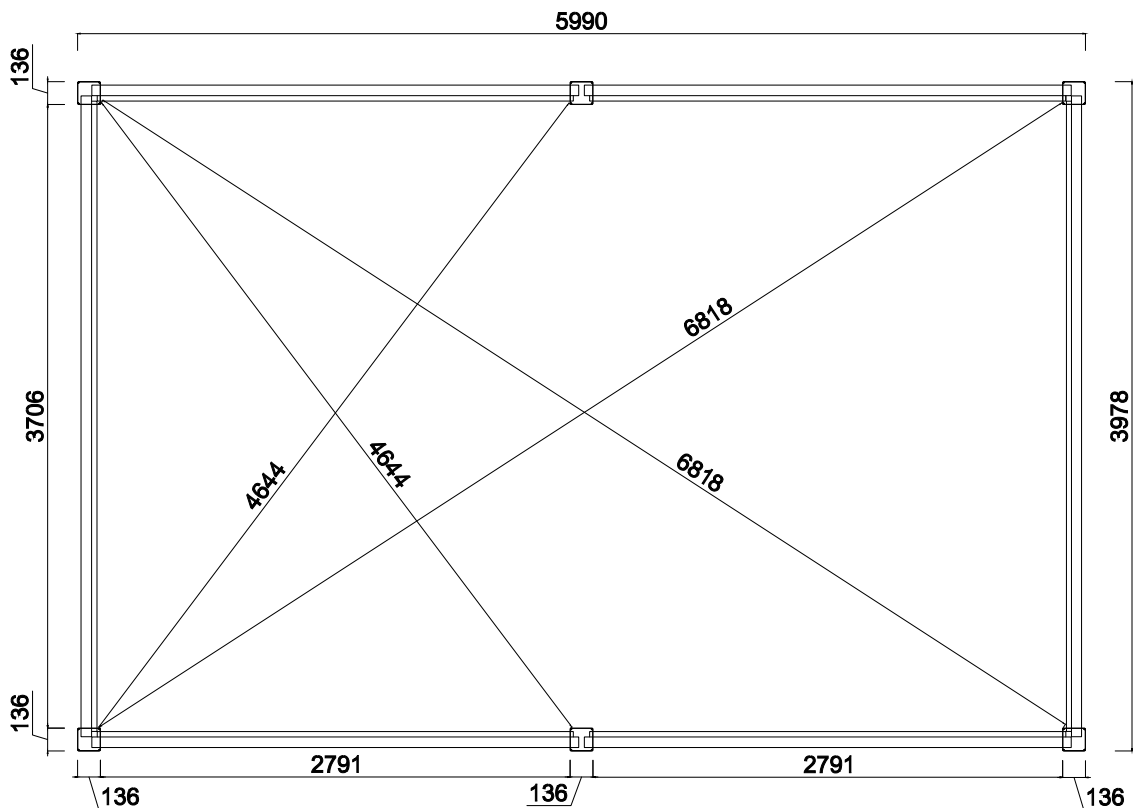
Monkey wrench



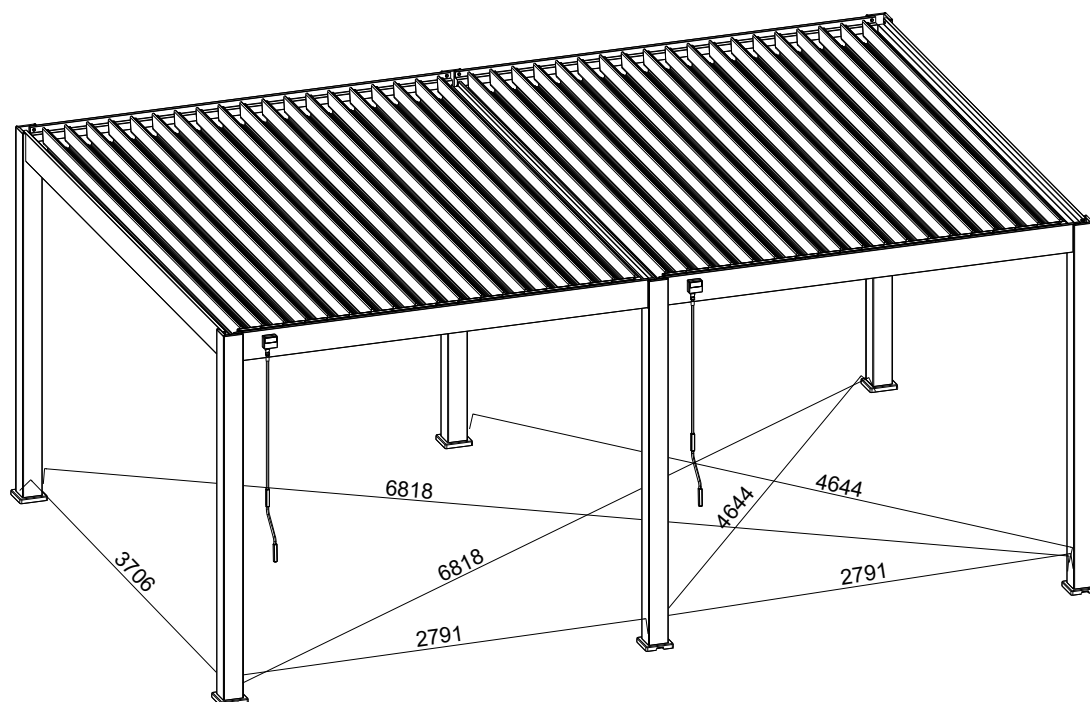
Spirit level



2D FOOTING MEASUREMENT (dimensions in mm)



3D FOOTING MEASUREMENT (dimensions in mm)



PRECAUTION OF USE

This product should not be used in extreme weather: storms, violent winds, hail, and snow. We guarantee the resistance of the pergola for winds up to 100 km/h and a maximum snow weight of 50kg/m².

As in the case of strong winds or snow, we highly recommend leaving the louvers open. To maintain good working conditions of your louvers, please clear any snow on them.

Our pergola can withstand heavy rain, but we cannot guarantee it will be 100% waterproof due to some extreme weather conditions.

Exceptional climatic events may compromise the perfect sealing of the product.

To avoid any damages and injuries, we do not recommend climbing on the roof or the structure of the pergola.

TIPS AND SAFETY INSTRUCTIONS

Depending on the location and surface area, construction may be subject to building permits. Make sure you have checked with your local authorities to obtain the needed information before the assembly.

Product assembly :

- At least 2/3 people required
- Remove protective film (around 1 hour needed)
- Do not keep children near the assembly area
- Beware of the risk of pinching
- Do not tighten the screws before assembling the whole product
- All assembly steps must be carefully followed
- Check the level of the structure on all sides
- Do not anchor the pergola before assembling the whole product

No changes can be made to the product. Products tampered with by the user are not covered by the warranty, thus being declared as void.

The location should be chosen carefully. It is recommended to avoid mounting your pergola on a rainy day, facing the prevailing winds, and under an overhanging tree.

The pergola must be mounted on a flat-level foundation. It is recommended to install it on a concrete slab or 25x25 cm concrete pads at each post. Please, anchor the pergola properly to the ground using expansion screw.

If you would like to mount your pergola near your house or a building, please check the presence of gutters for water drainage.

Should these instructions not be followed or only partially, the warranty will be voided by the seller.

MAINTENANCE

Regular maintenance is necessary to ensure its longevity and aesthetic appearance.

We recommend to :

- Clean your pergola once or twice a year with fresh water using a sponge or cloth.
- Do not use detergent or an abrasive material.
- Check the tightness of the screws regularly (at least once a year).
- Oil fastening regularly (at least once a year).
- Make sure that nothing hinders the water flow in the gutters (leaves, branches...).
- Remove any water that might stagnate around the legs of the pergola (lift the posts skirts).

WARRANTY

This warranty does not cover :

- Normal wear and tear inherent from the products.
- Loss or breakage of any part during unpacking or installation.
- Lack of care, neglect, vandalism, impact with foreign body, force, contact with a brasures material, product aesthetics, disassembly, rebuilding or relocation.
- Force majeure: hail, high winds, storms, snow, floods, lightning etc...
- Product tampered with by the user.

The warranty only takes in account the replacement of spare Diagram or the provided product, no refund will be issued.

All warranty claims must be made at the sales outlet (store or website) where the product has been purchased.

PARTS LISTS (PER CARTON)

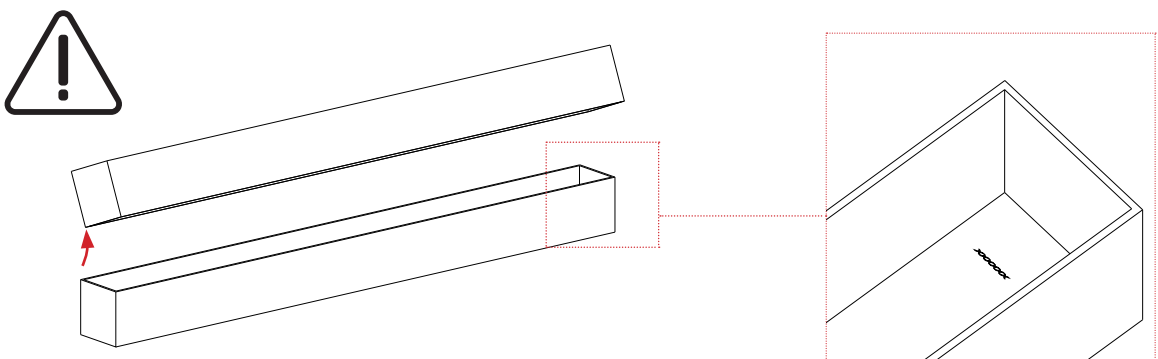
Before proceeding with the assembly of your louvered pergola, it is necessary to check that all Diagram listed are supplied and not damaged.

Any missing part must be reported within 10 days of delivery.




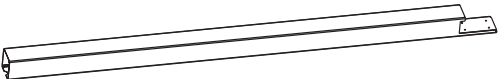
You can either go through your local outlet store or make the request directly on our website.



Do not discard the packaging without ensuring that the product is functioning properly.

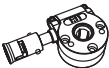


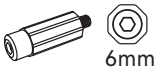



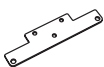


There is a Product Tracking Number in the inner side of the carton(see below diagram). For better and efficient after-sales in the future, when tear down the carton box, please take a photo of the Tracking Number and save the photo.

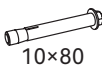












CARTON 1/8

No.	Profile	Diagram	Size	QTY
AO			136X136 L=2550mm	1
AO-1			136X136 L=2550mm	2



No.	Diagram	QTY
IO		6
JO		6

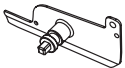
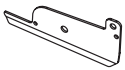
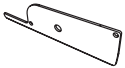


No.	Diagram	QTY
NO		2
OO		2
PO		2
QO		12
QO-1		12
QO-2		12
QO-3		12
EO-1		2
RO		24
SO		76

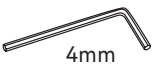

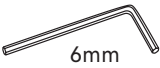
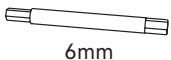



No.	Diagram	QTY
TO		24
XO-1		24

No.	Diagram	QTY
UO		112
UO-1		38
VO		188
WO		152
WO-1		6
XO		74
XO-2		38
XO-3		4
YO		6








CARTON 2/8


No.	Profile	Diagram	Size	QTY
AO			136X136 L=2550mm	3

No.	Diagram	QTY
KO		2
LO		36
LO-1		38
MO		74
MO-1		74

No.	Diagram	QTY
ZO-1	 4mm	1
ZO-2	 4mm	1
ZO-3	 6mm	1
ZO-4	 6mm	1
ZO-5	 10mm	1
ZO-6	 PH2	1
ZO-7		1

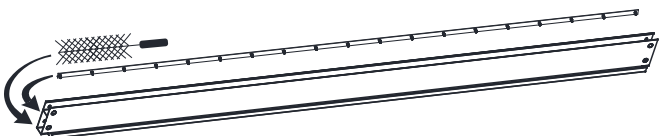
CARTON 3/8

No.	Profile	Diagram	Size	QTY
CO			95X195 L=3809mm	2
EO			75X110 L=3770mm	1
FO			27X8 L=2744mm	2
HO			L=1300mm	2




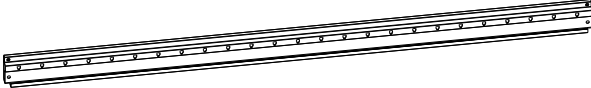


ATTENTION!



Connecting Bar(FO) & Brush Inside!





CARTON 4/8

No.	Profile	Diagram	Size	QTY
BO			95X195 L=2894mm	2
BO-1			75X110 L=2894mm	2



CARTON 5/8

No.	Profile	Diagram	Size	QTY
GO			166X38 L=3770mm	10



CARTON 6/8

No.	Profile	Diagram	Size	QTY
GO			166X38 L=3770mm	10

CARTON 7/8

No.	Profile	Diagram	Size	QTY
GO			166X38 L=3770mm	10

CARTON 8/8






No.	Profile	Diagram	Size	QTY
GO			166X38 L=3770mm	8

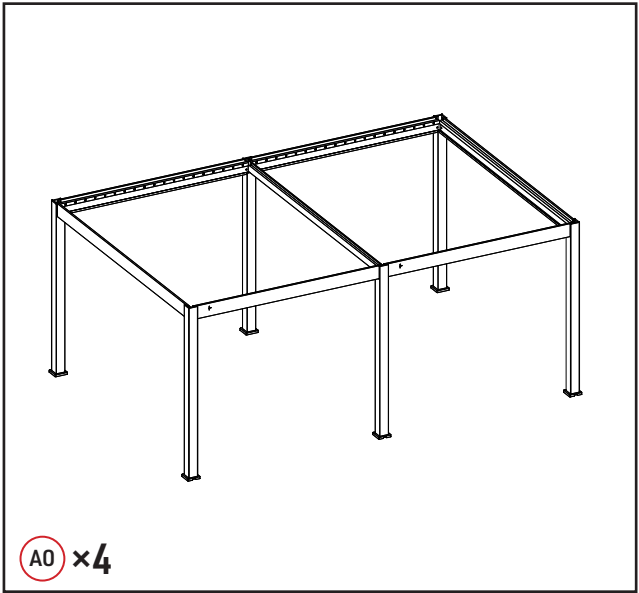
ASSEMBLY GUIDELINES



Step 1 : Frame

Step 2 : Assembling louvers

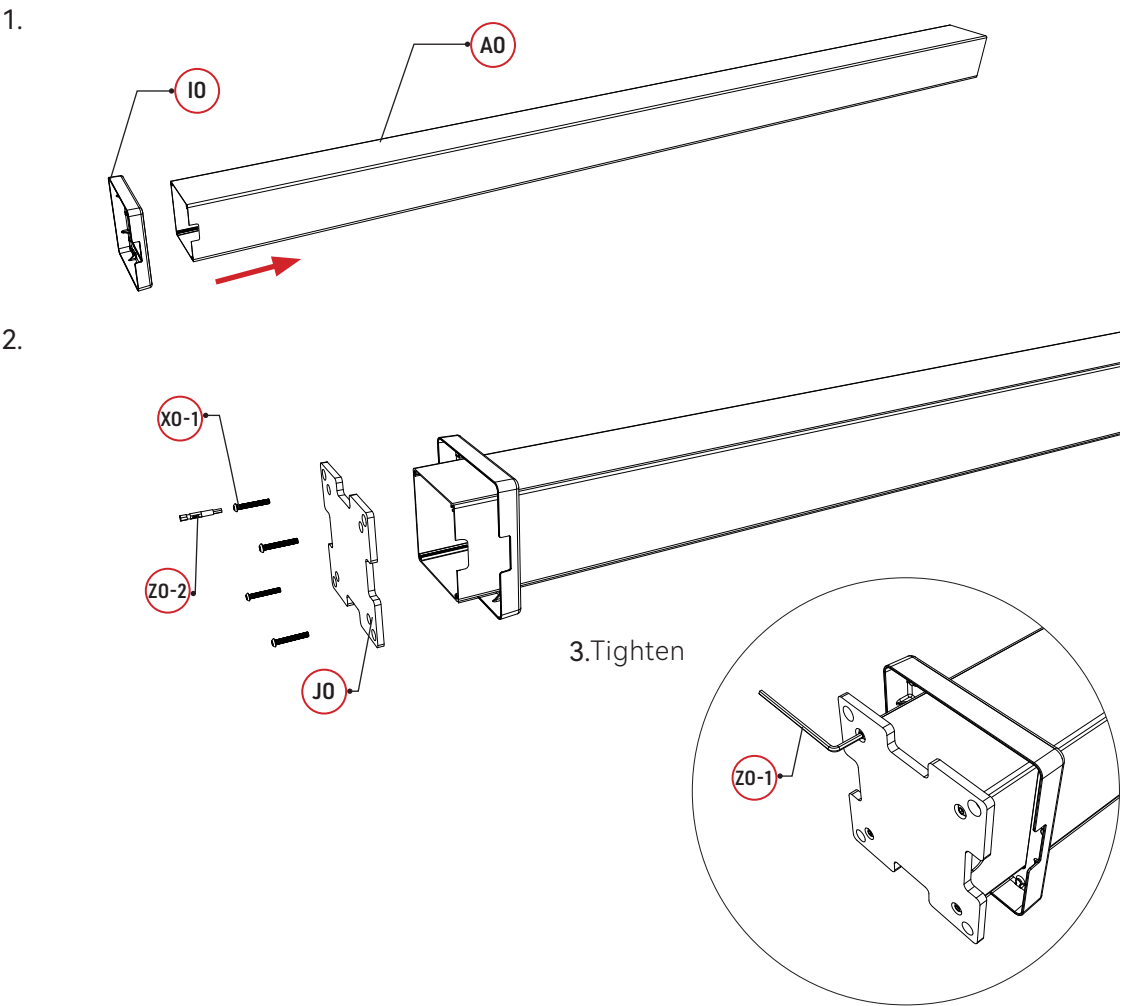
Step 3 : Install louvers & Connection





AO			4
IO		4	XO-1  6x35  16
JO		4	

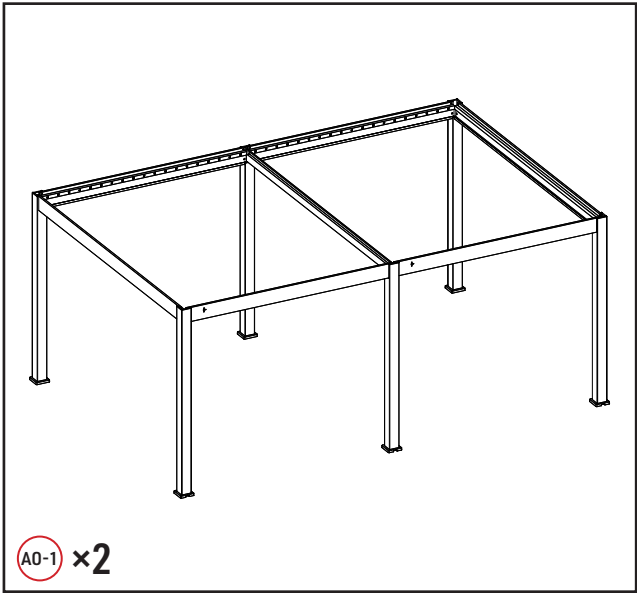




ZO-1	 4mm	1
ZO-2	 4mm	1

Post installation diagram



AO-1		2
IO		2
JO		2
XO-1		8

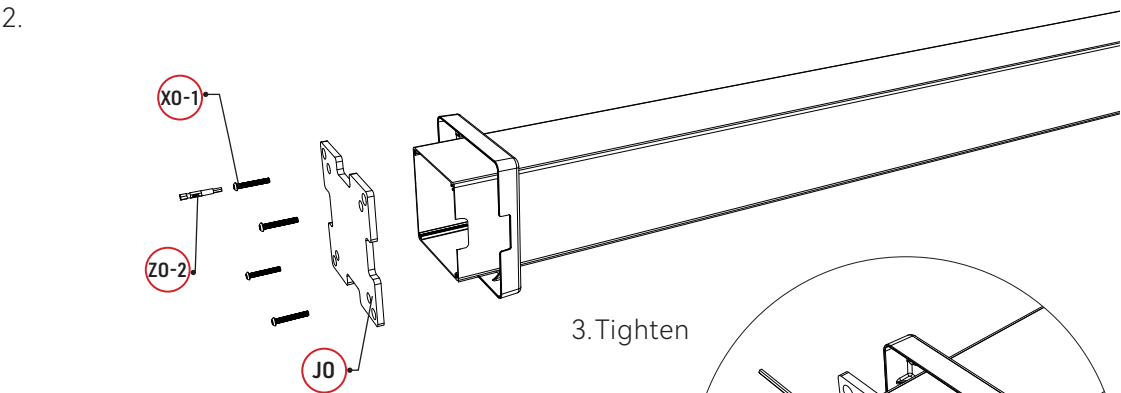
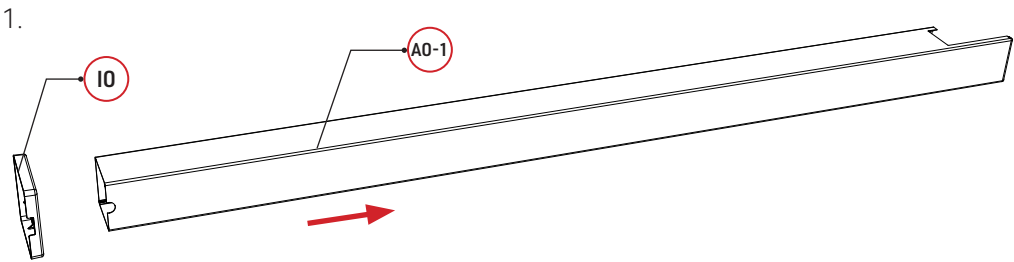


ZO-1		1
ZO-2		1

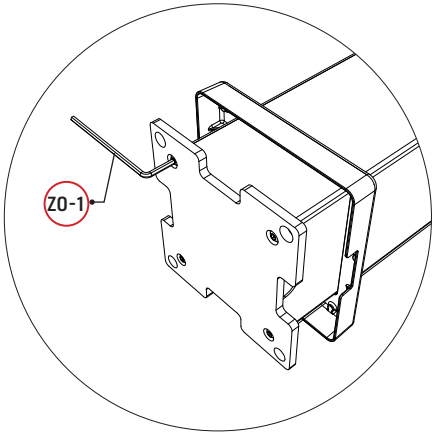







(AO-1) × 2



Post installation diagram

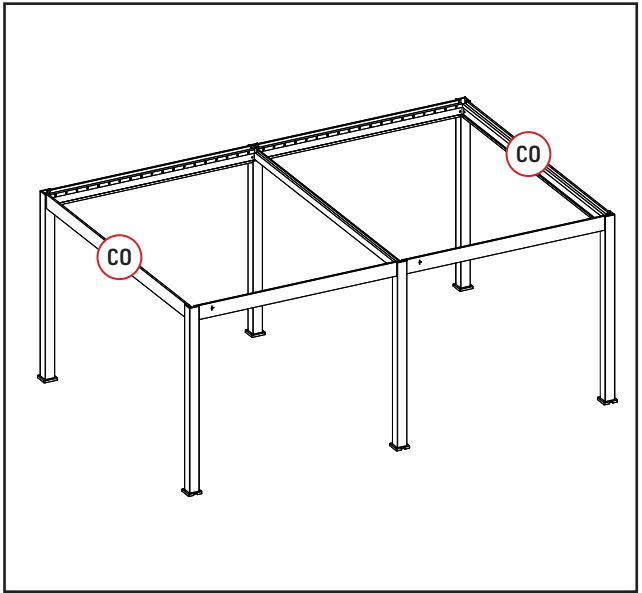


3. Tighten

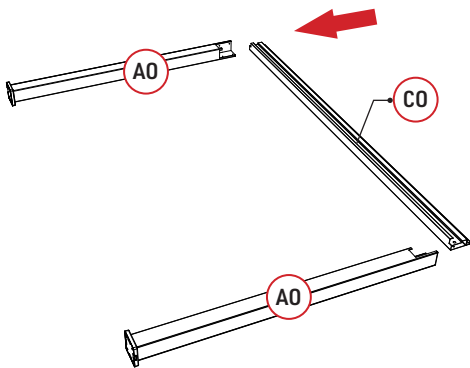


CO		2
QO		4
QO-1		4
QO-2		4
QO-3		4

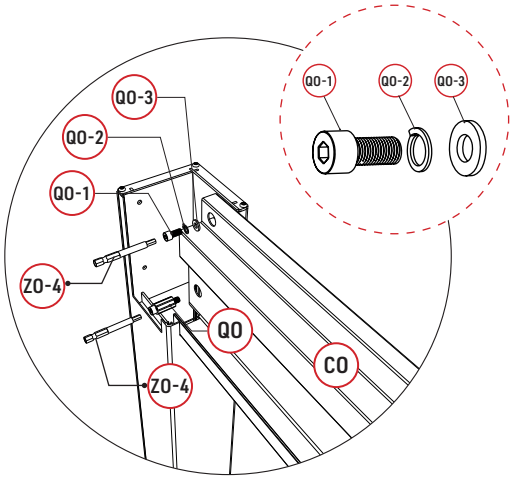
ZO-3		1
ZO-4		1



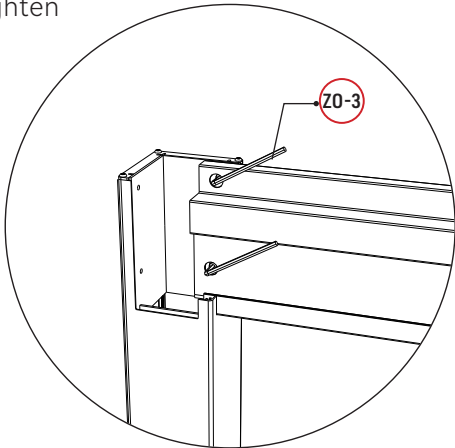
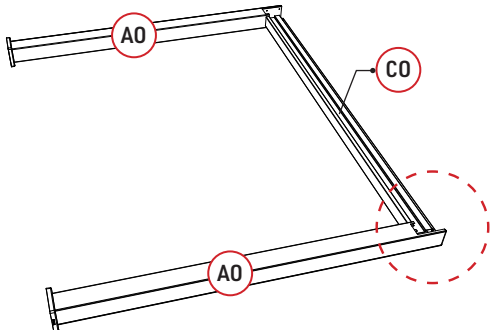
Connect beams to columns

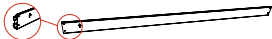







1.





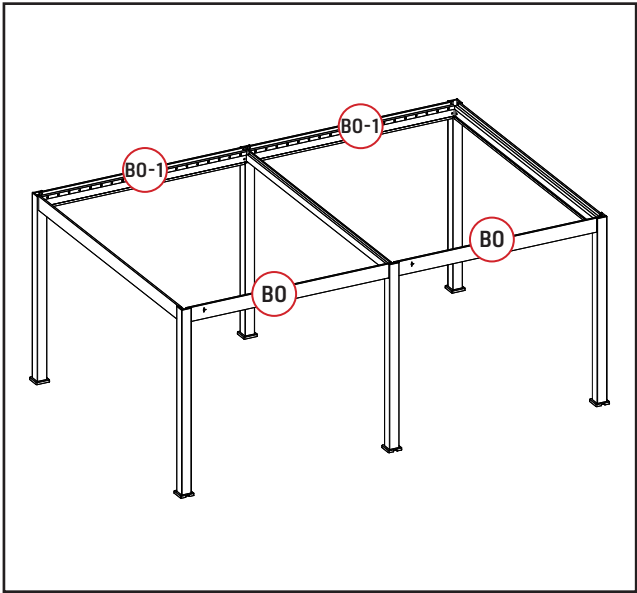
2.Tighten



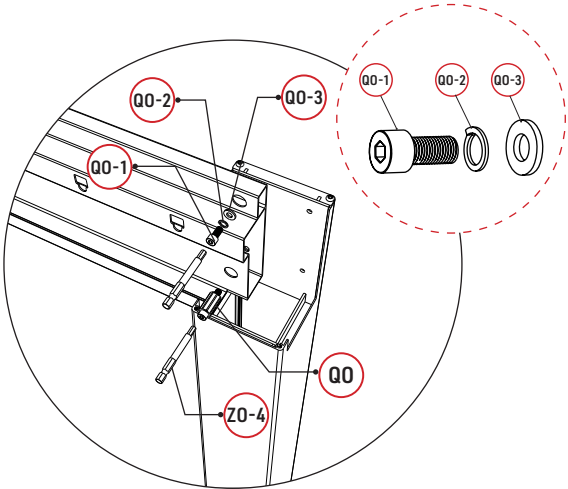
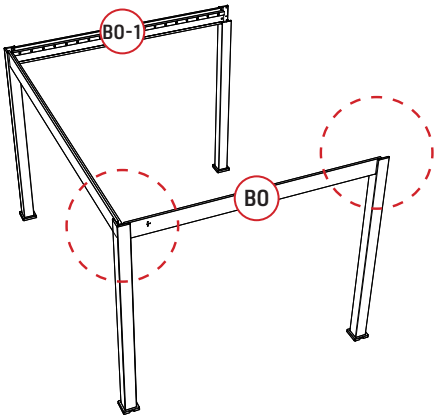
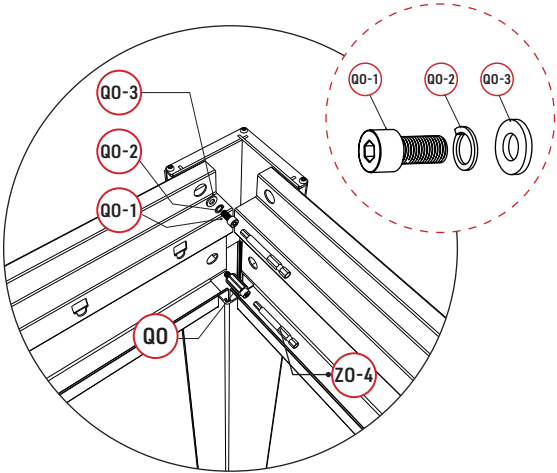
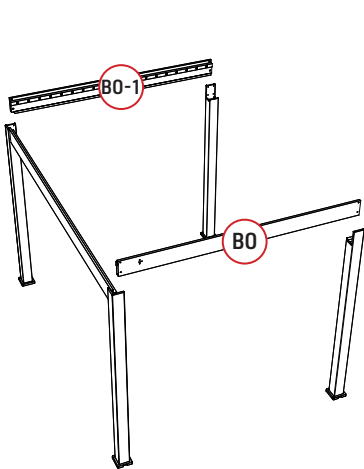
BO		2
BO-1		2

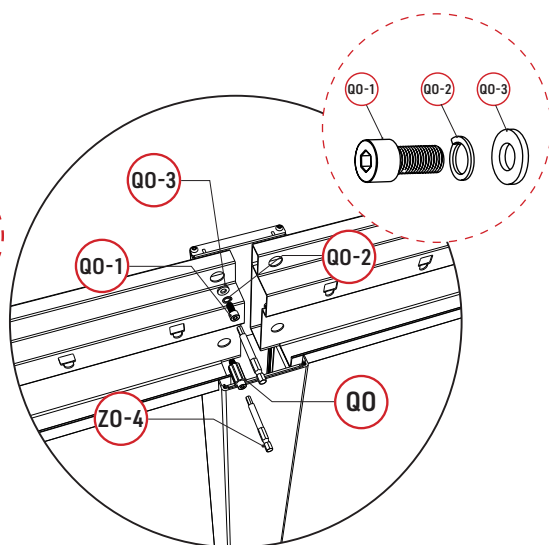
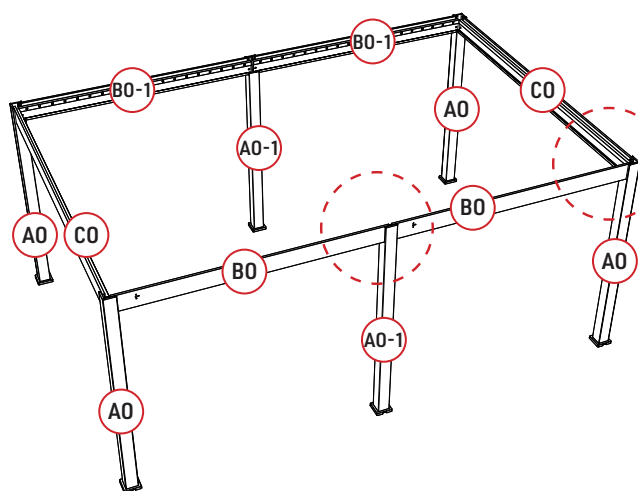
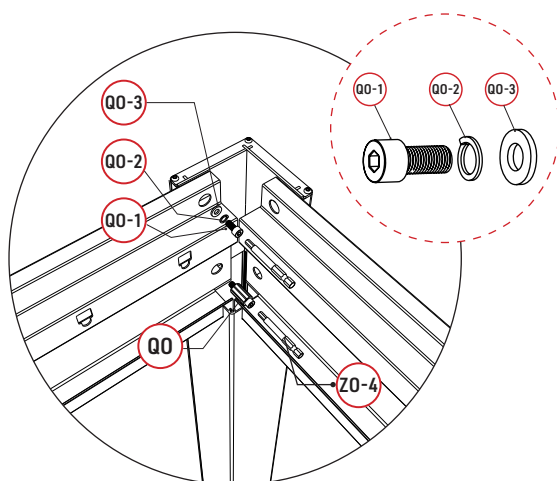
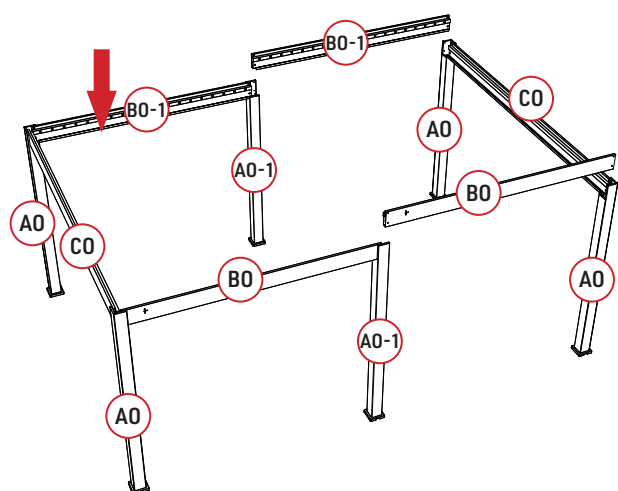
QO		8
QO-1		8
QO-2		8
QO-3		8

ZO-3		1
ZO-4		1

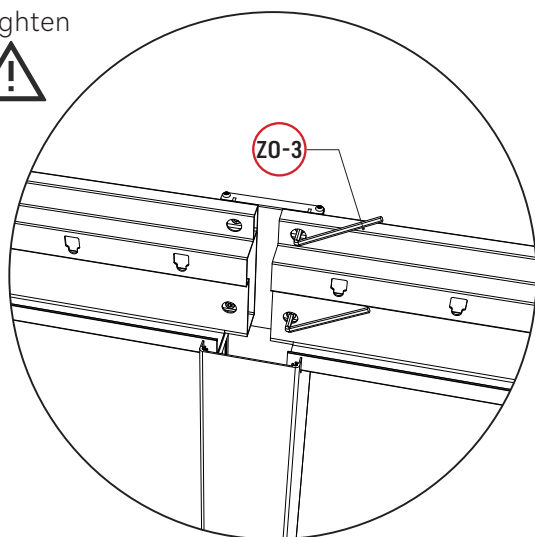


Connect beams to columns

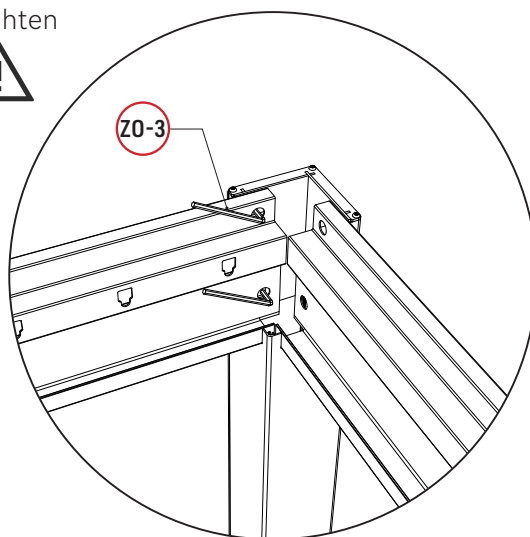










Tighten






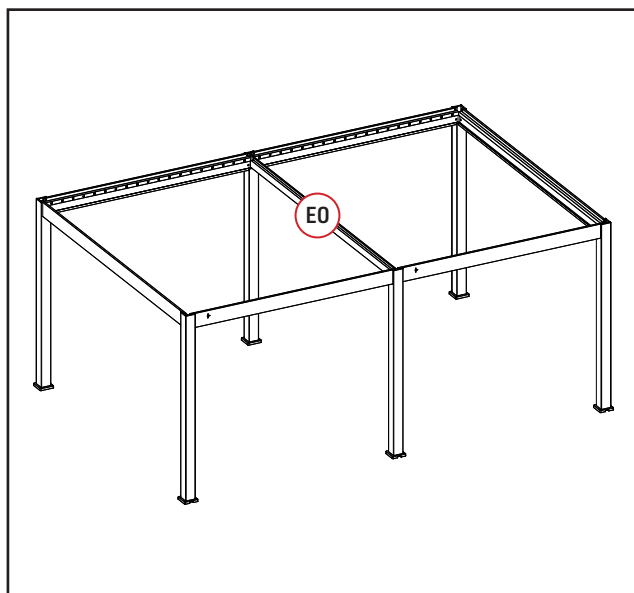
Tighten



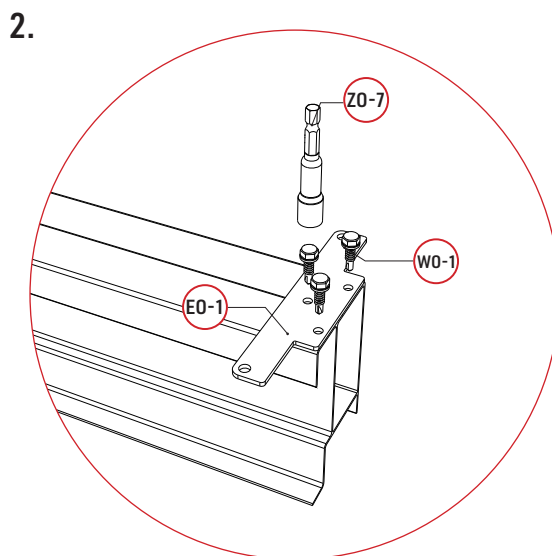
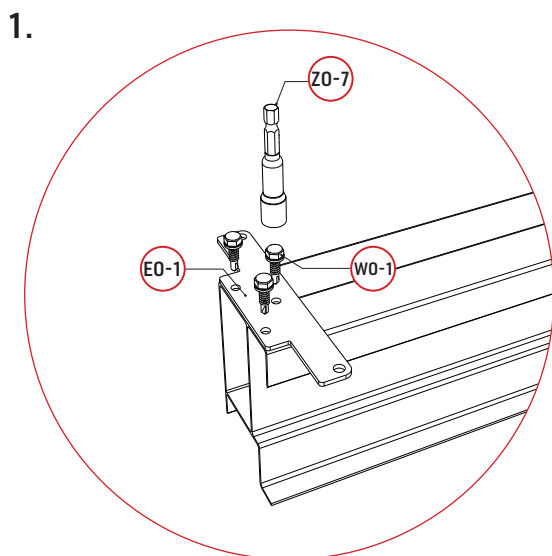
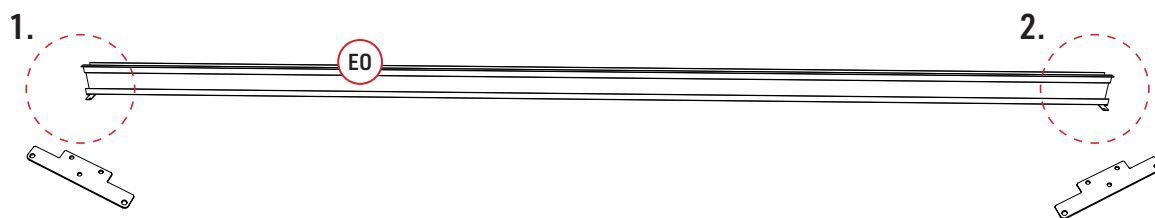
EO		1
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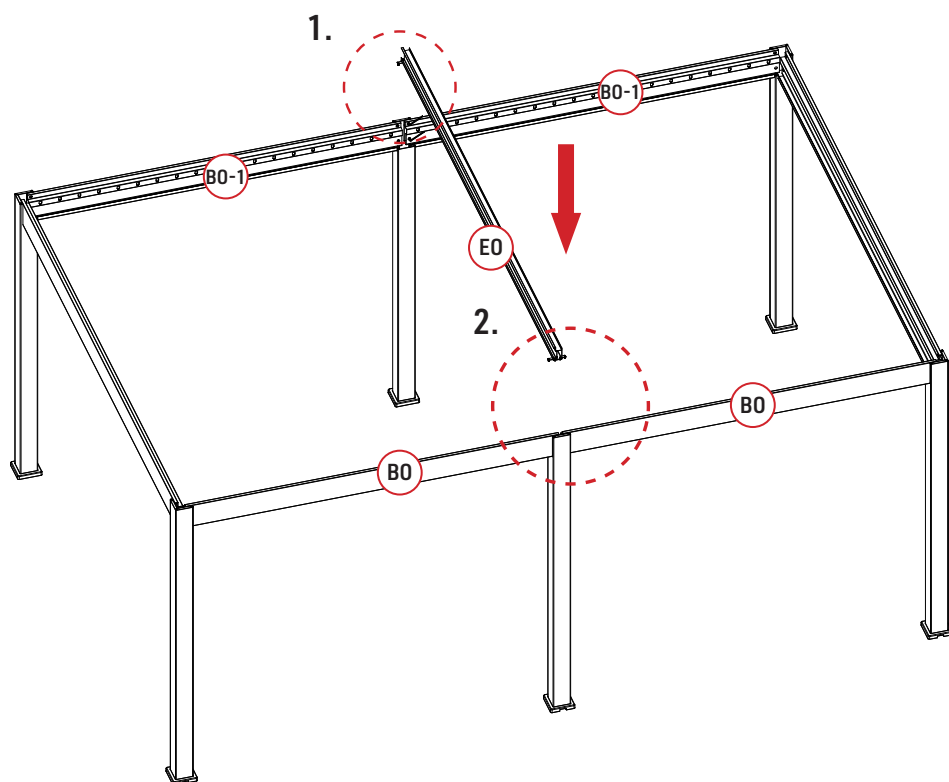
EO-1		2
WO-1	 	6
XO-3	 	4

ZO-1	 4mm	1
ZO-2	 4mm	1
ZO-7		1

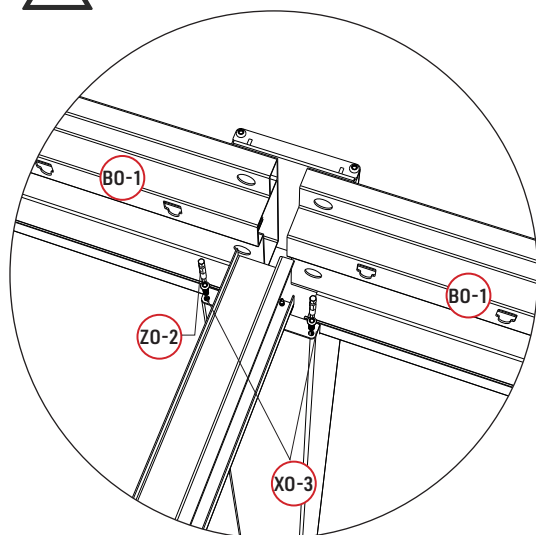


Connect beams to columns

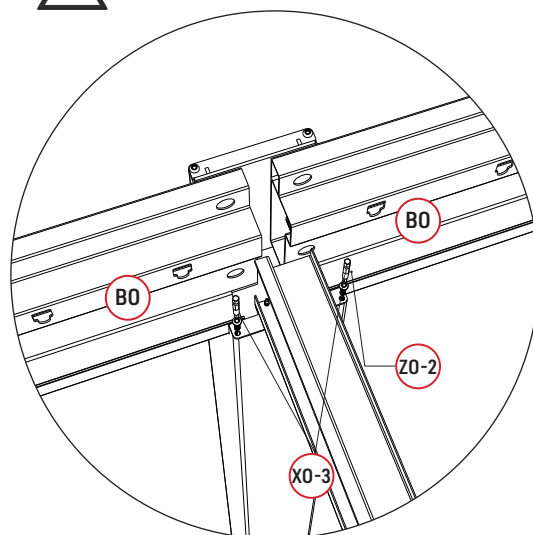













1.



2.

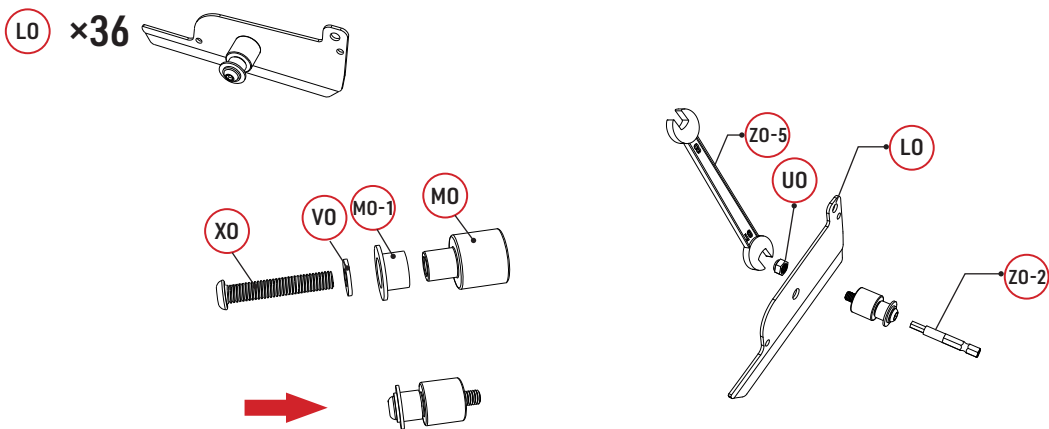


LO		36	MO-1		74	VO		74
LO-1		38	XO		74			
MO		74	UO		74			

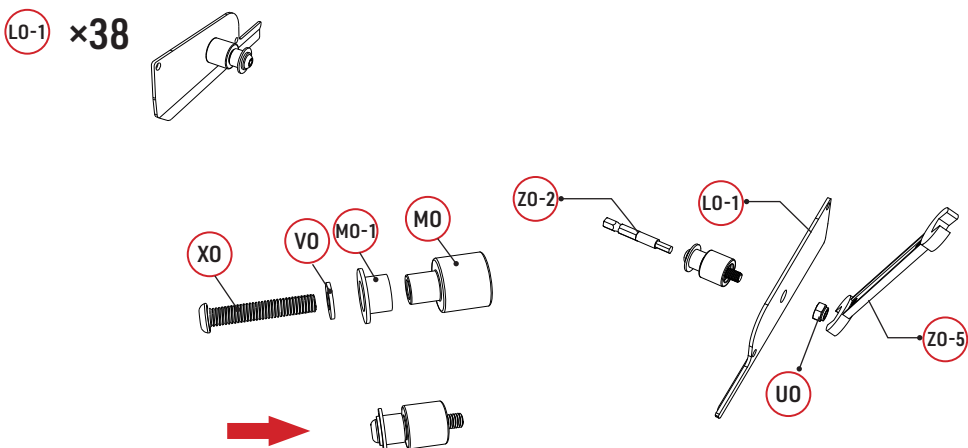
ZO-3		1
ZO-4		1


The illustration uses a manual wrench, which can be replaced with an electric P-tip.






Install the spindles for the louver cover on both sides of the louvers.
Note: To avoid any broken of the plastic Diagram(MO), when use the pistol drill, please reduce the twisting force of it .






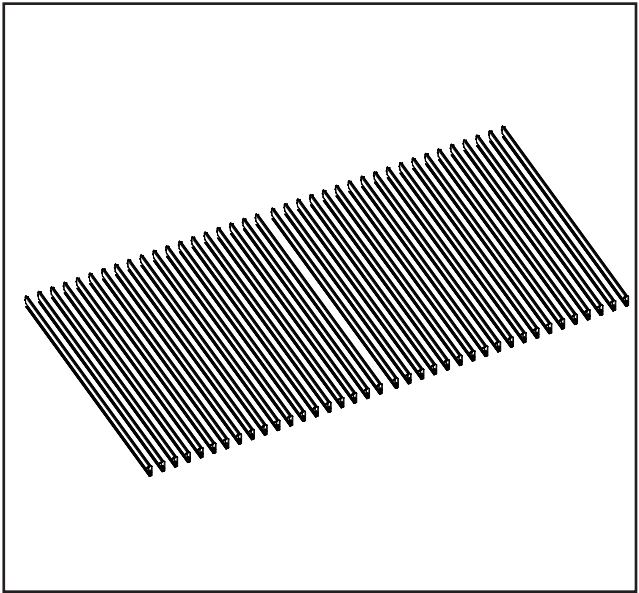
Louver sealing plate



GO		38
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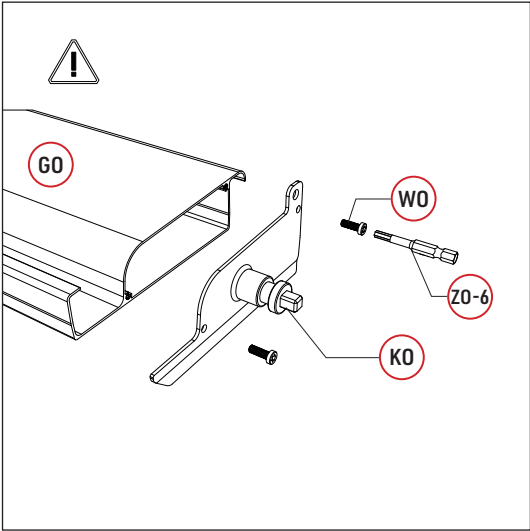
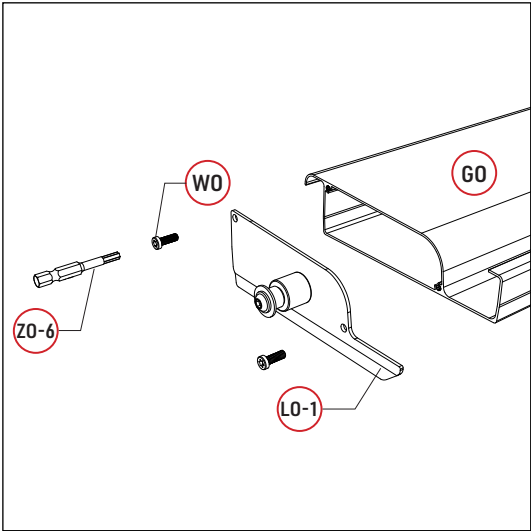
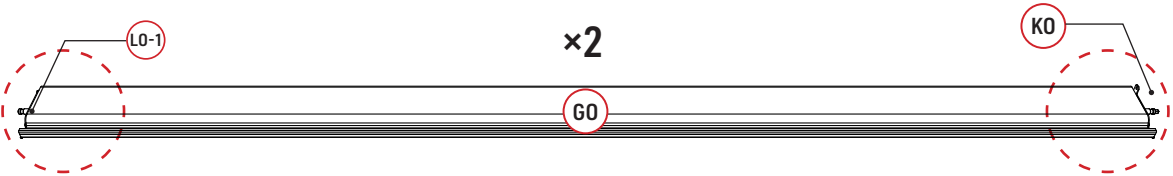
KO		2
LO		36
LO-1		38
WO	 4x16  PH2	152

ZO-1	 4mm	1
ZO-2	 4mm	1
ZO-6	 PH2	1

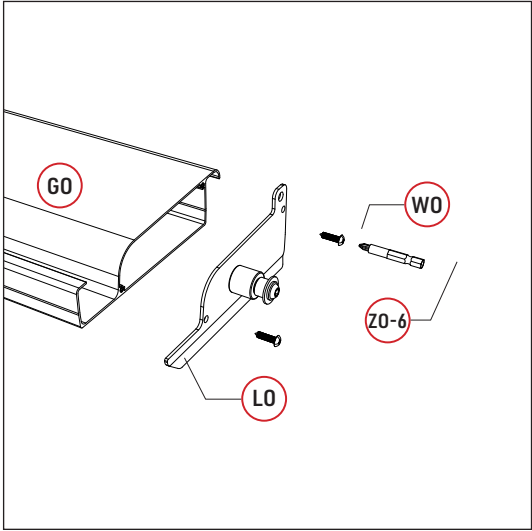
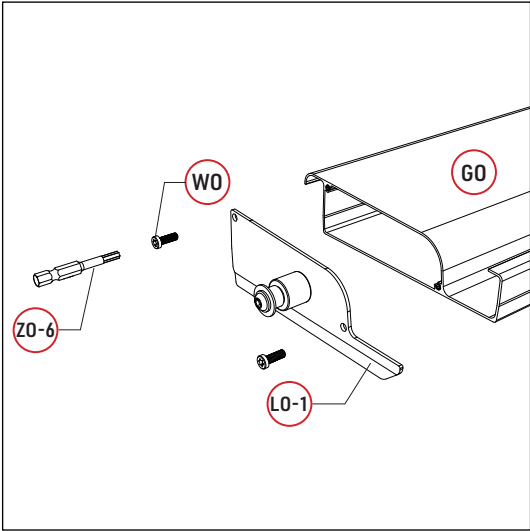
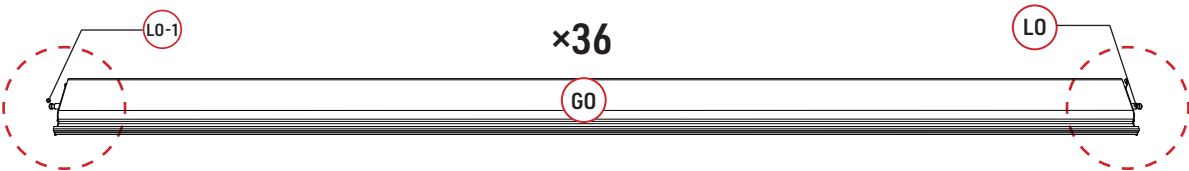


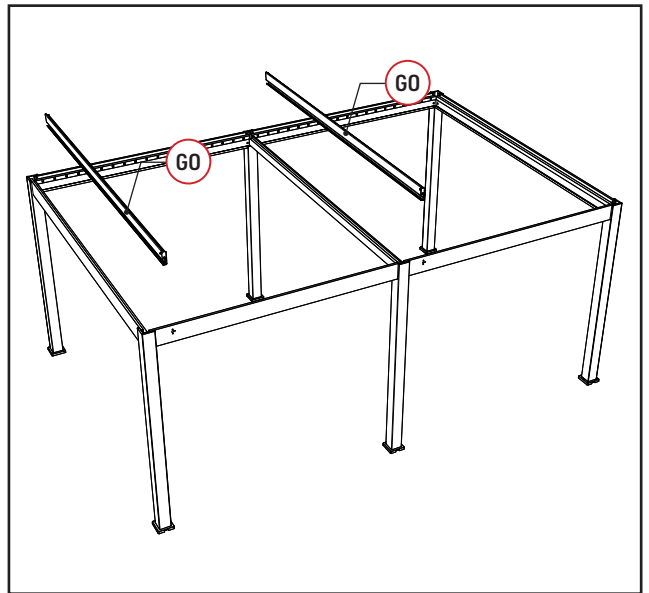
Main louver connection

Completion Diagram

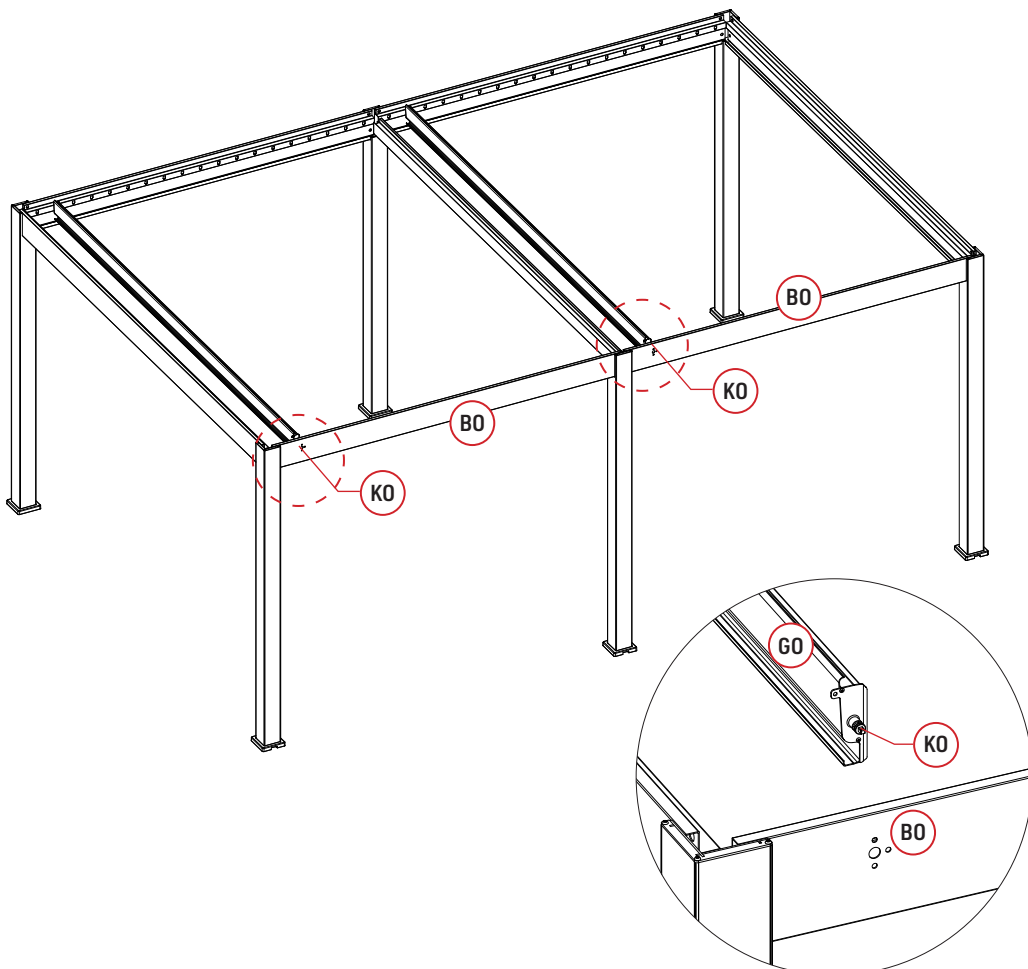


Completion Diagram

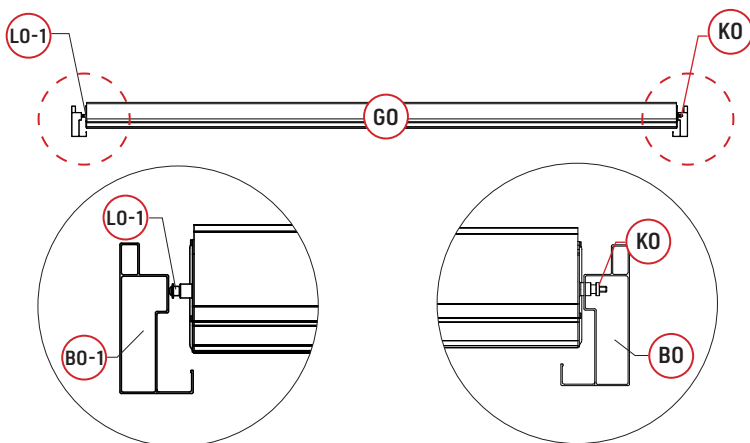
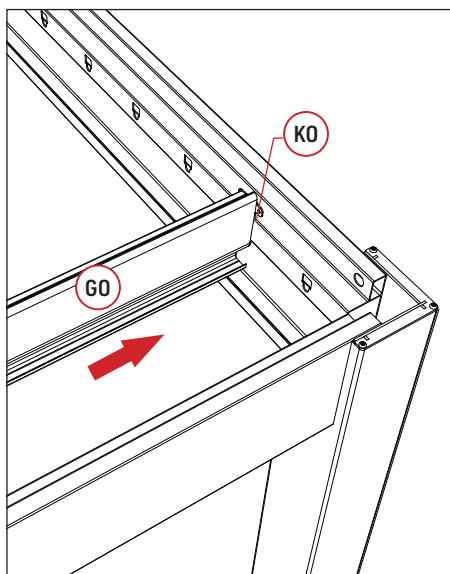




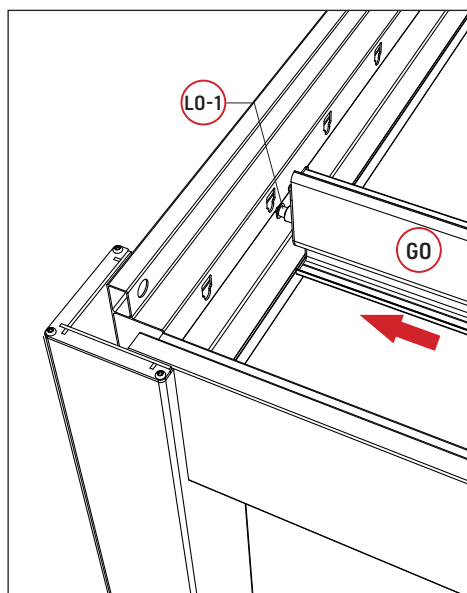
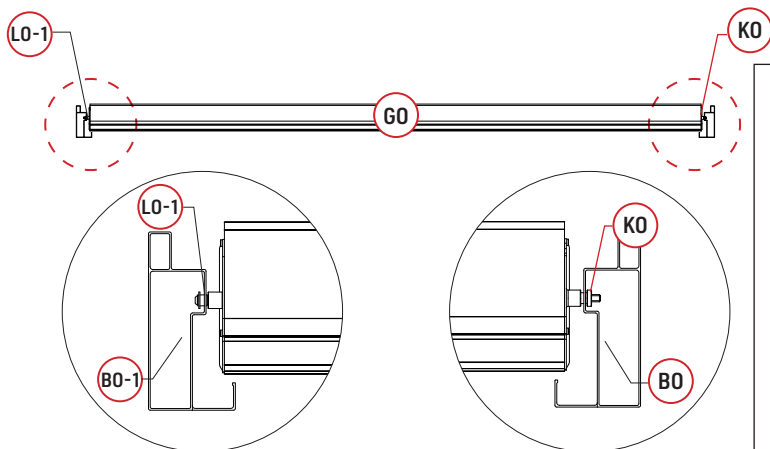
Fasten rubber plugs on both ends of the louvers

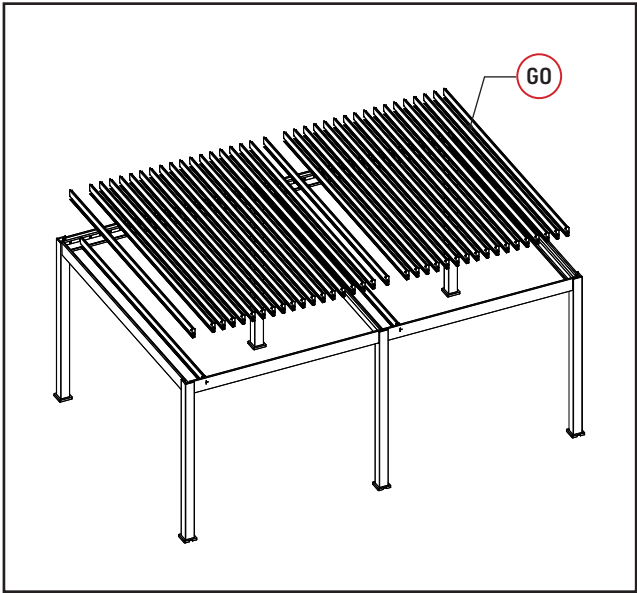


1



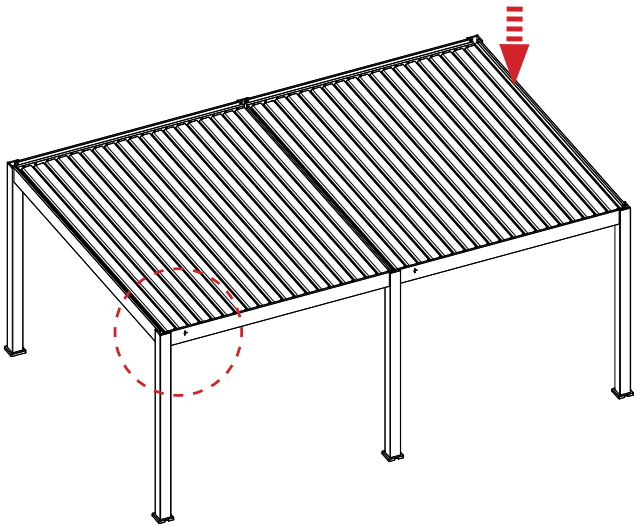
2



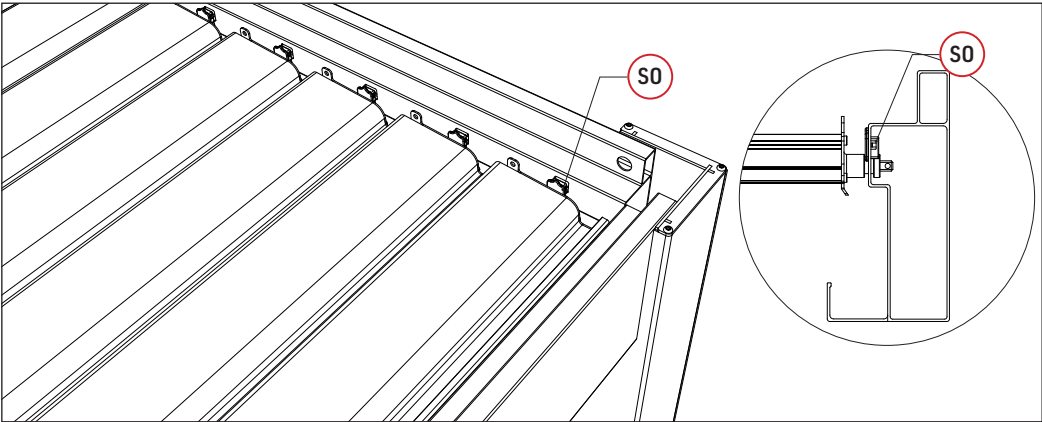


Put in the other louvers and seal the end caps

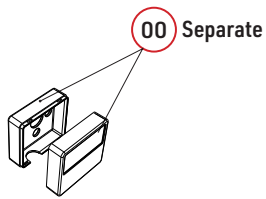
1



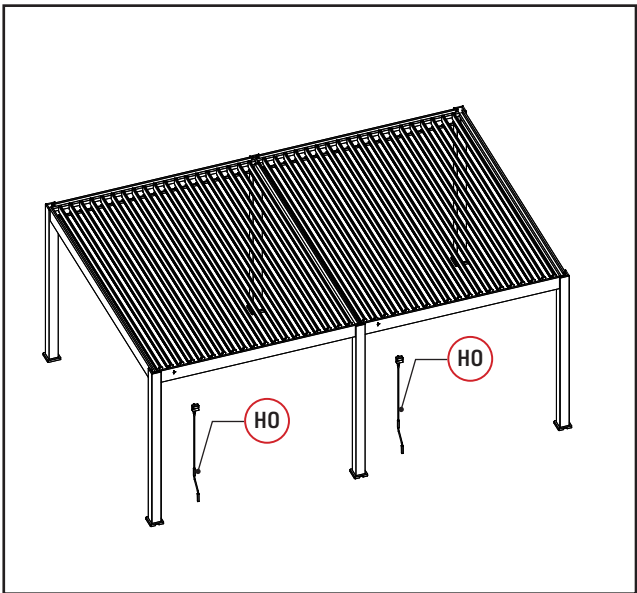
2



HO		2
NO		2
OO		2
PO		2
YO		6

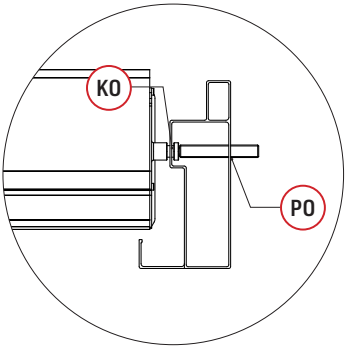
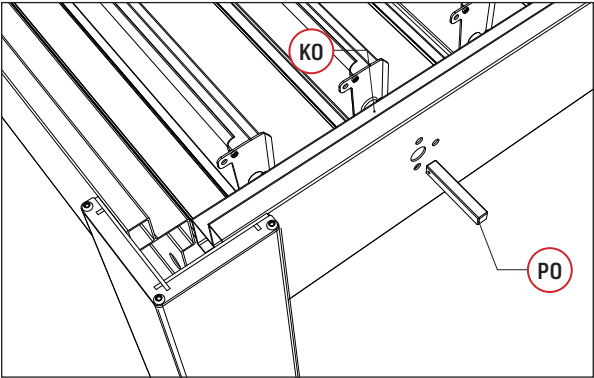


ZO-1		1
ZO-2		1

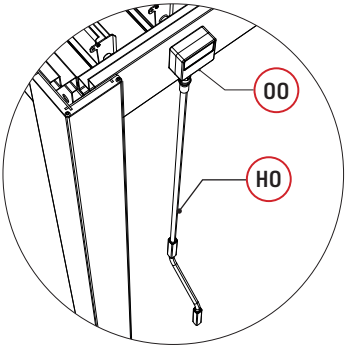
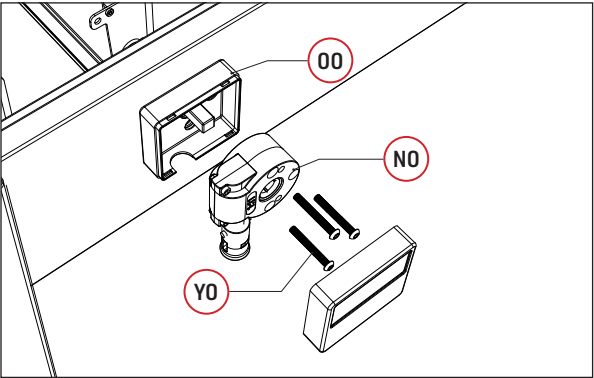


Complete the connection of the main shaft louver






1



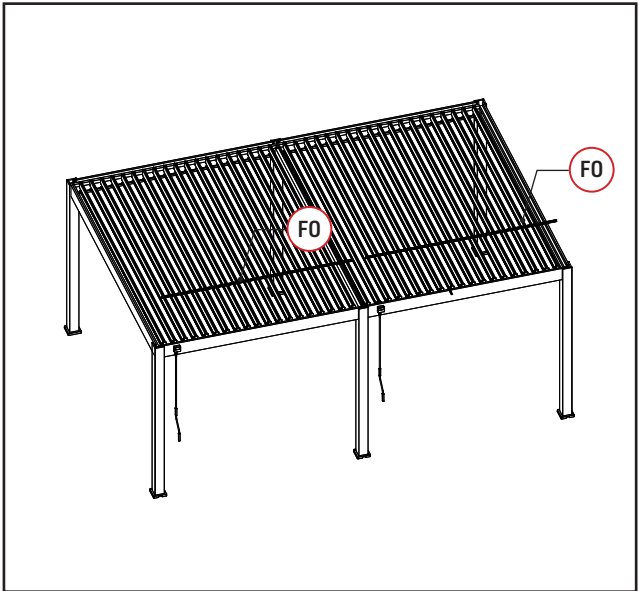
2



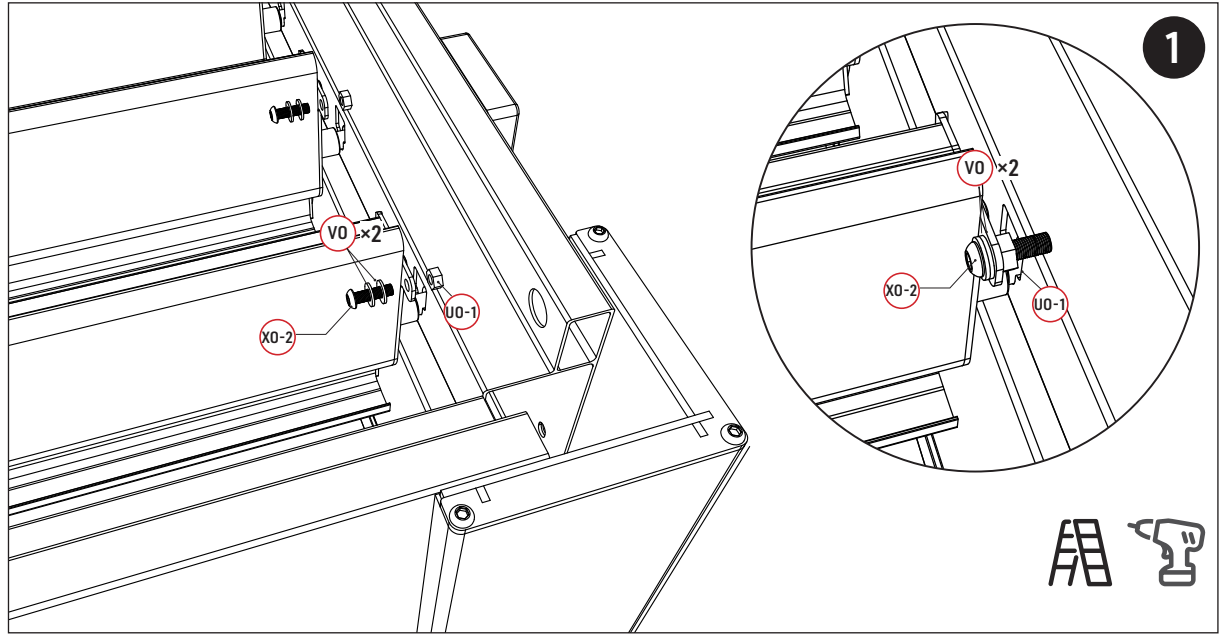
FO		2
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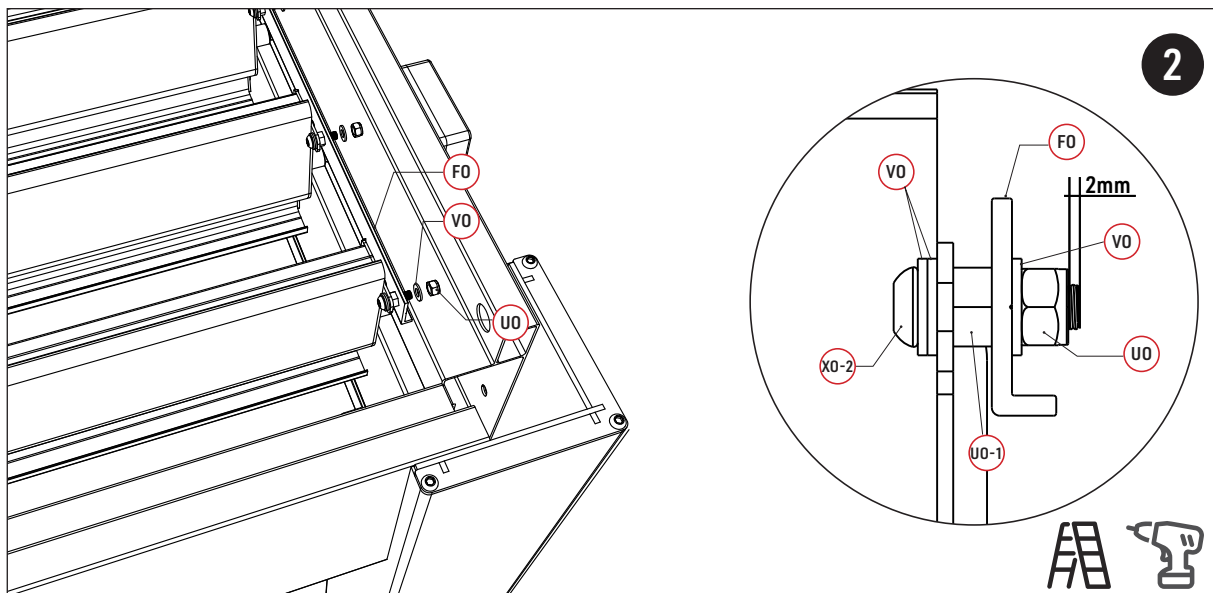
XO-2	 6x20  4mm	38
VO		114
UO	 lock nut	38
UO-1	 plastic nut	38



ZO-1	 4mm	1
ZO-2	 4mm	1
ZO-5	 10mm	1

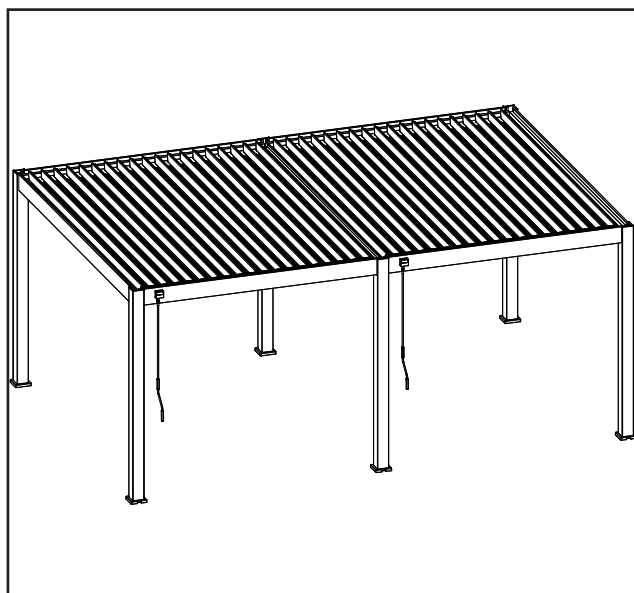


Louver connection

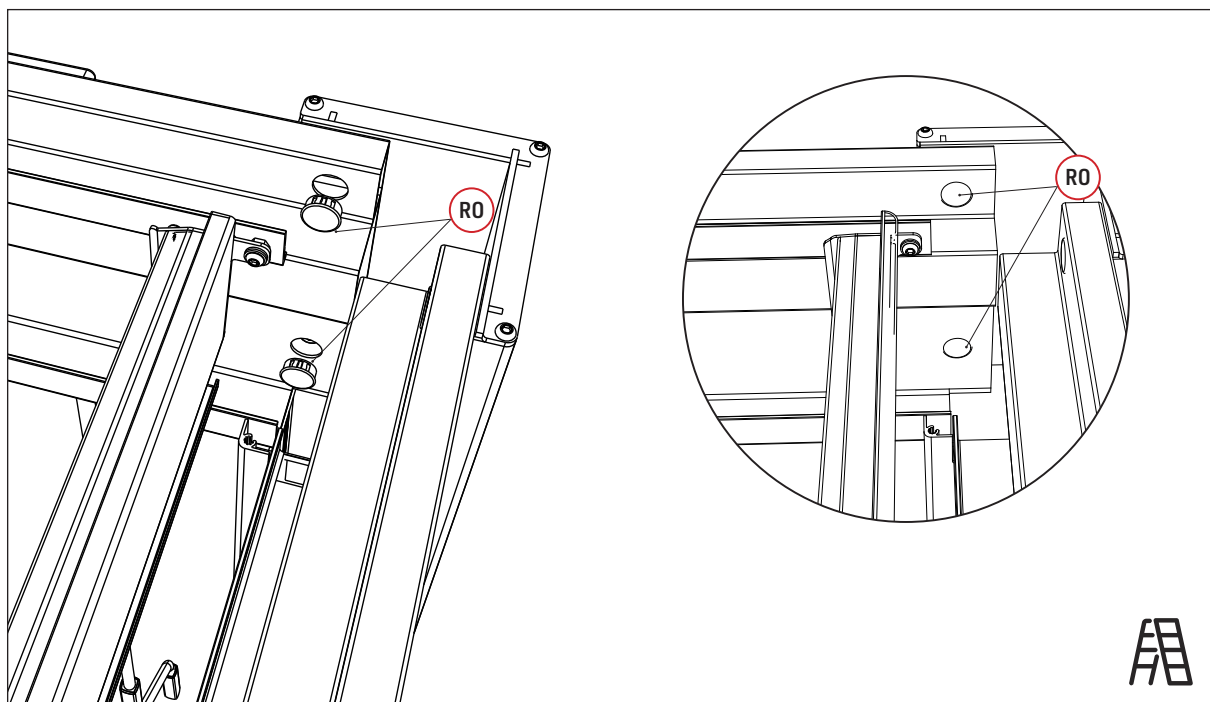


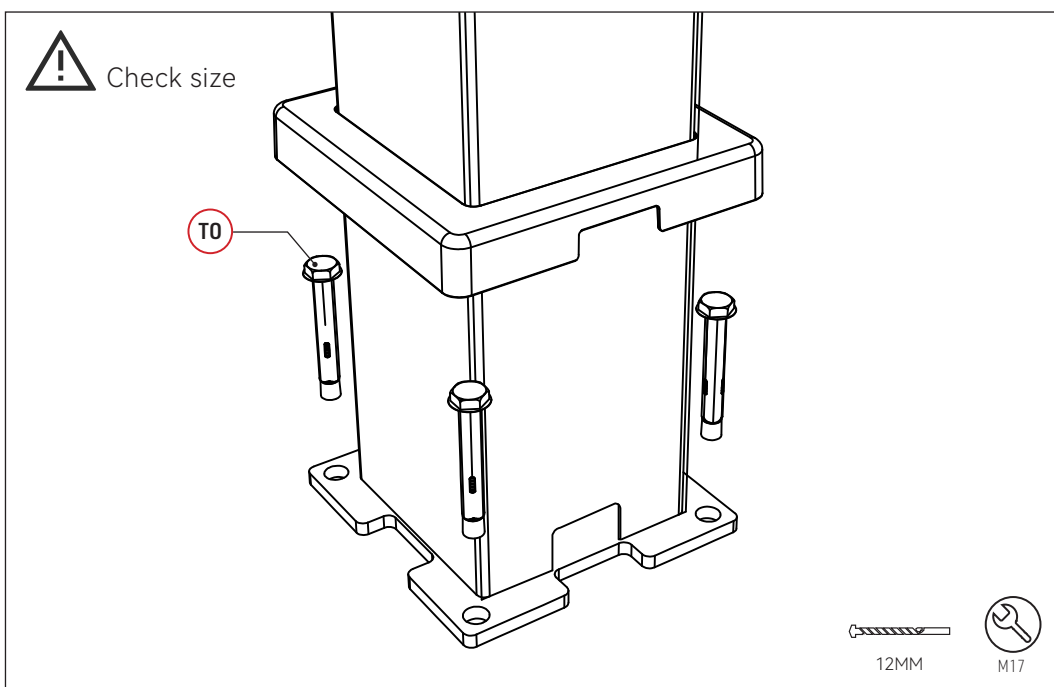


RO		24
TO		24



Close the cover to complete the fixing of the pergola





Move the bottom of the columns according to the dimensions on the front page to ensure that the dimensions are the same, then use a 12mm impact drill bit to guide the holes, then put in the expansion screws and tighten them with a M17 spanner.