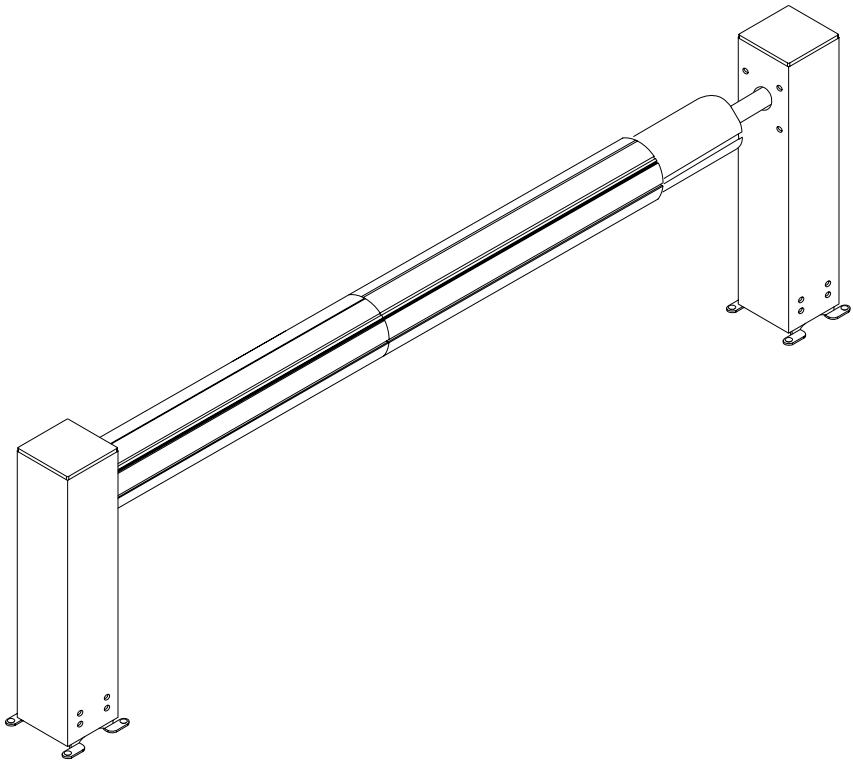
IASO®

Better Outside



INSTALLATION MANUAL

MOTORIZED SLIDING COVER

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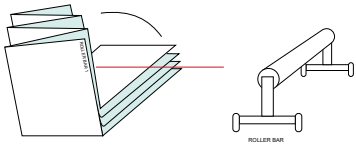
BASIC CONCEPTS

To install this cover, the following tools are required:
- Allen key for M8
- Screwdrivers
- Drill: Ø10 mm and Ø8 mm drill bits

The anchoring points must be installed on a concrete base with a minimum thickness of 7 cm. The recommended concrete strength is 250 N/mm².

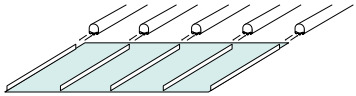
CANOPY PREPARATION

Unroll the cover along one width of the pool edge, taking into account the marking on the fabric, which must be positioned as shown in the image.

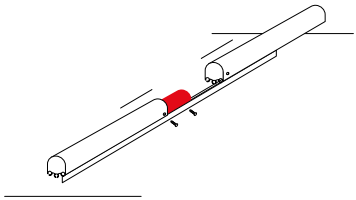


INSTALLATION OF THE TRANSVERSE BARS

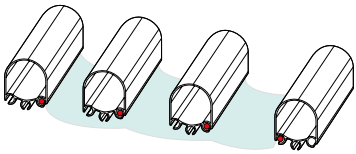
Slide the bars through the groove along the edges prepared in the cover every 1.50 m.



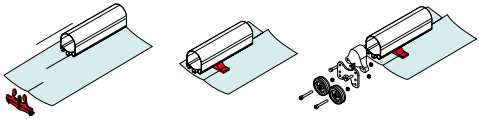
The bars are supplied in 1 or 2 pieces, depending on the pool width.
Secure the different parts of each bar. These are fixed at the centre to a connecting inner sleeve.

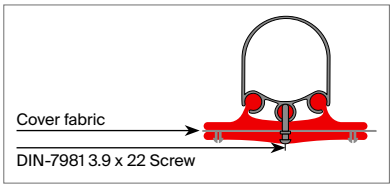


The first bar and the subsequent bars are attached to the cover using the third groove of the bar. The last bar, which connects to the roller, is attached to the cover using the first groove of the bar.



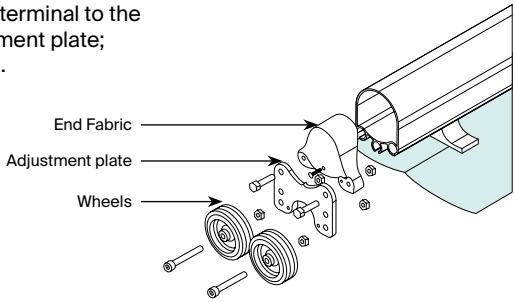
Once the bars are positioned and before installing the rollers, fix the stop piece at the end of the reinforcement that connects the bar to the cover.





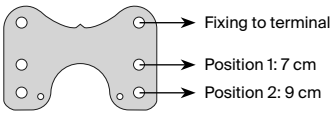
INSTALLATION OF THE BEARINGS

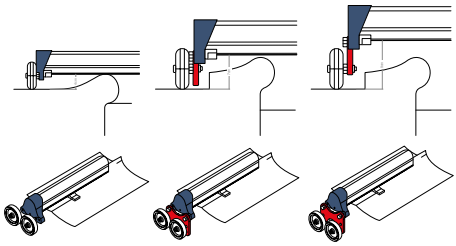
Once the stop piece has been secured, fix the terminal to the bar, followed, if necessary, by the height adjustment plate; then install the wheels as shown in the drawing.



HEIGHT ADJUSTMENT OF THE BARS

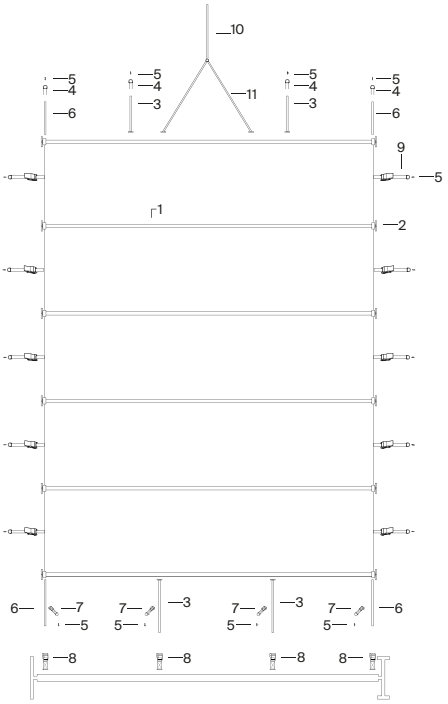
Once the stop piece has been secured, fix the terminal to the bar, followed, if necessary, by the height adjustment plate; then install the wheels as shown in the drawing.

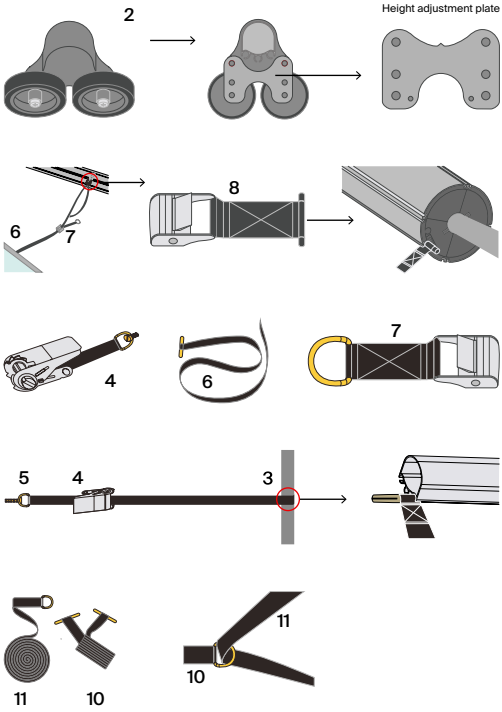




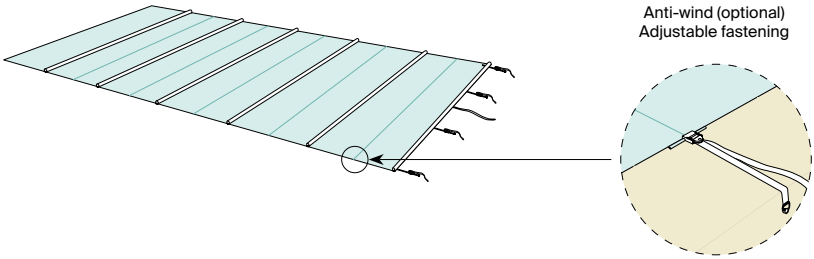
INSTALLATION OF FASTENINGS, STRAPS AND TENSIONERS

1. Bar
2. Bar terminal
3. Connecting strap
4. Tension anchor
5. Multi-purpose plug
6. Sewn connecting strap
7. Ground fixing strap
8. Tensioning strap with buckle and sleeve
9. Anti-wind strap (tensioning strap with fastening and ring)
10. Unrolling strap with sleeve
11. Unrolling strap with ring

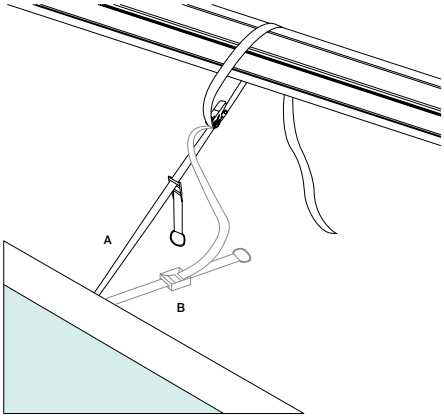




FIXING OF THE TENSIONING STRAPS



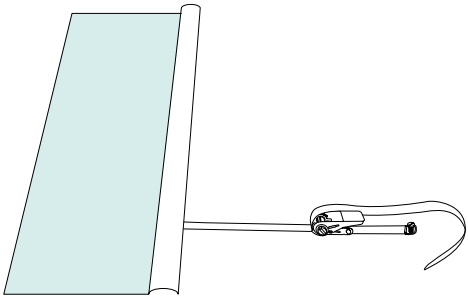
Tensioning strap for the roller



It has a dual function:

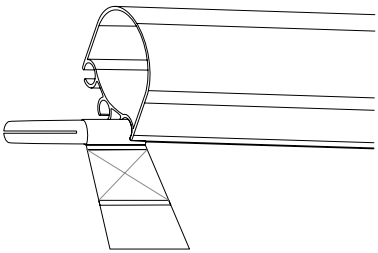
A – Connects the cover to the roller.
B – By placing the ring onto the screw, it secures the cover.
Remove the fastening before rolling up.

Tensioning strap on the opposite side to the roller

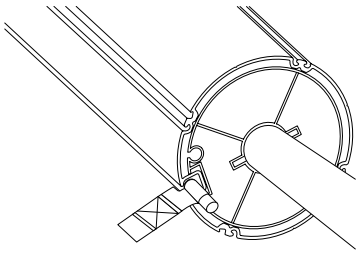


POSITIONING THE TENSIONING STRAPS ON THE TUBES

Insert the strap terminals into the grooves and slide them into position.



Strap terminal in the cross tube



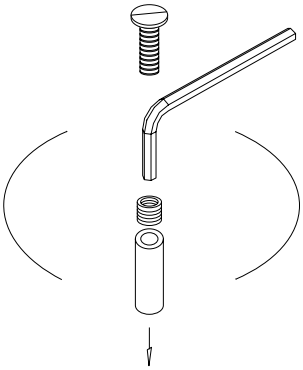
Strap terminal in the roller tube

POSITIONING OF THE FIXING ANCHORS

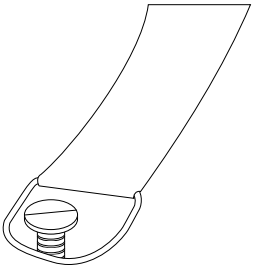
Drill the holes using a Ø10 mm drill bit to a depth of approximately 30 mm.

Insert the brass plug into the hole. Tighten the internal expansion stud using an Allen key until the plug expands.

Insert the stainless steel screw, around which the strap ring will be secured.



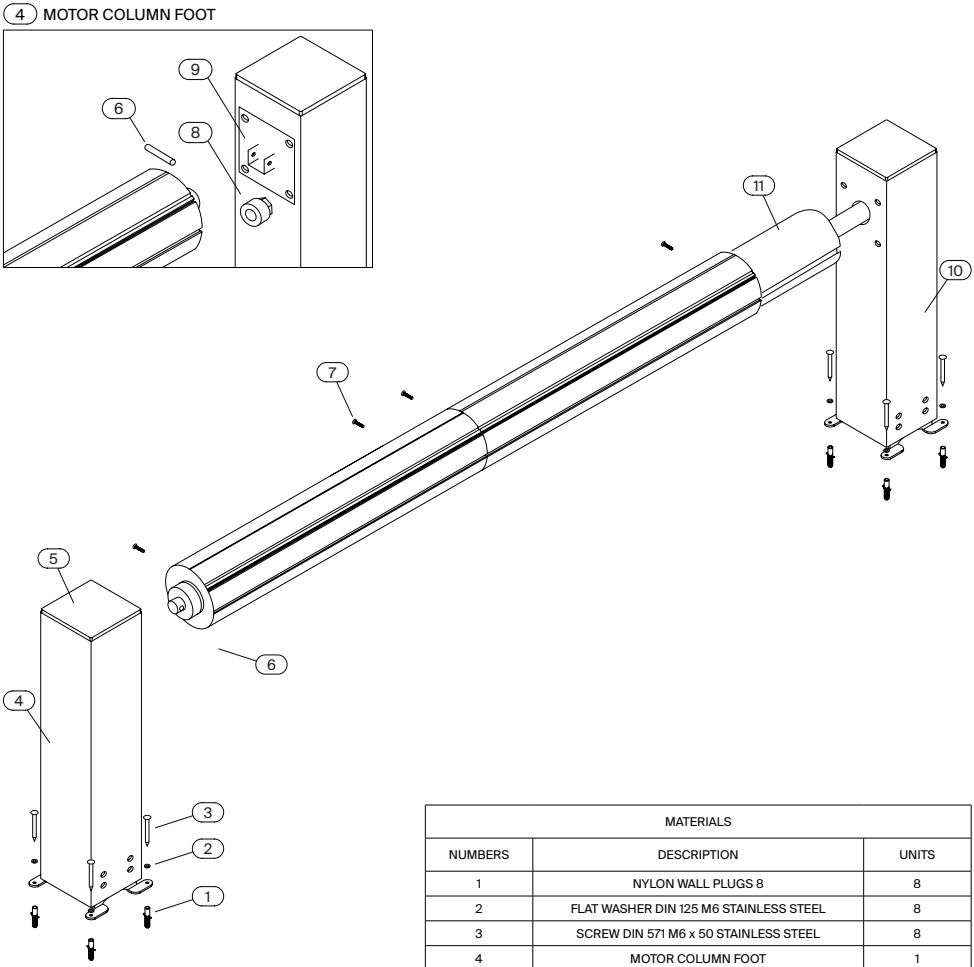
Anchor positioning



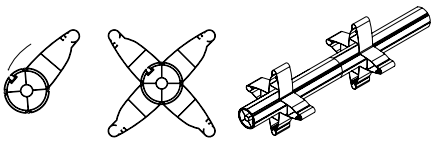
Securing the ring onto the screw

ROLLER BAR

ASSEMBLY INSTRUCTIONS

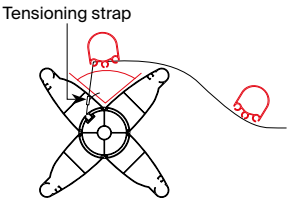


MATERIALS		
NUMBERS	DESCRIPTION	UNITS
1	NYLON WALL PLUGS 8	8
2	FLAT WASHER DIN 125 M6 STAINLESS STEEL	8
3	SCREW DIN 571 M6 x 50 STAINLESS STEEL	8
4	MOTOR COLUMN FOOT	1
5	END CAP 120 x 120 BLACK	1
6	MOTOR SHAFT PIN	1
7	STAINLESS STEEL SCREW DIN 7981 / 4.8 x 13 MM	1
8	CABLE GLAND M16	1
9	U-SHAPED SPIGOT HOUSING PLATE	1
10	OPPOSITE COLUMN FOOT	1
11	PIN DIN - 7 6 x 40 STAINLESS STEEL	1

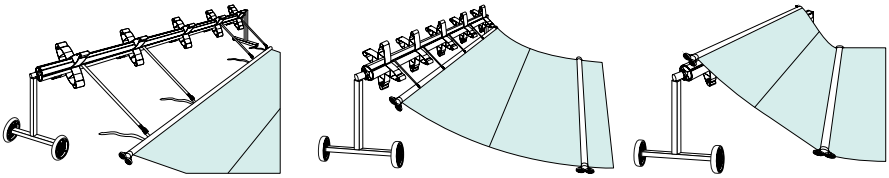


- Secure the blades onto the roller tube by clipping them, as shown in the drawing, and distribute them along the length of the tube.
- Position the tension straps that connect to the cover by sliding them into the slot of the tube. The tightening and fixing straps are also connected to these straps.

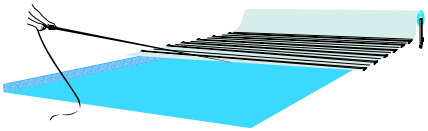
IMPORTANT
Covers that have narrower fabric panels between bars than the rest must be positioned on the side opposite the roller, in order to ensure correct rolling.



- The straps are fitted with a buckle that allows their length to be adjusted. It is essential, for proper rolling, to adjust them so that the first bar aligns between two blades.
- As the cover is rolled up, the bars are distributed evenly around the tube, so that the first turns do not overlap one another.
- If this distribution is not balanced and the bars overlap, adjust the position of the first bar by readjusting the straps until the correct alignment and distribution are achieved.



- To unroll and extend the cover, release the anchors, disengage the clutch system by pulling the pin on the mechanism and, if necessary, assist with a slight movement of the crank handle to unlock it.
- Pull the long strap from the opposite end of the pool to extend the cover. Finally, secure all anchoring points.



ROLLER INSTALLATION

The roller is supplied partially assembled.
To install it, follow the steps below:

STEP 1

Take the column foot on the side opposite the motor (10) and assemble the bushing with the roller tube, securing it with several self-tapping screws.





STEP 2

At the other end of the roller tube, rest the motor head on the U-shaped housing plate (9) and secure it with the pin through the motor shaft (6).




STEP 3

Position the roller in the centre of the pool width and on top of the coping stone. The bars must not encounter any obstacles when rolling.

Once it is in the correct position, mark the floor through the holes in the base beforehand. Use the plastic wall plugs (1), the screws (3) and the washers (2). Use an 8 mm drill bit.

Ensure that the floor where the column foot is to be installed is sufficiently deep and solid for drilling.

Then insert the wall plugs, position the roller and fasten it with screws.






STEP 4

The column feet can be adjusted vertically if the floor is uneven. Adjustment and fixing are carried out using the screws located on the side.



CONTROL UNIT AND REMOTE CONTROL: HOW TO PAIR

⚠ The remote control is supplied fully paired.



The necessary electrical connections are supplied tested, with a 3 m 220V AC power cable connected to the 24V DC control unit.

From the control unit, another cable runs through the inside of the column foot and exits to the outside through a cable gland until it reaches the motor connection. The remote control is supplied paired, where applicable.

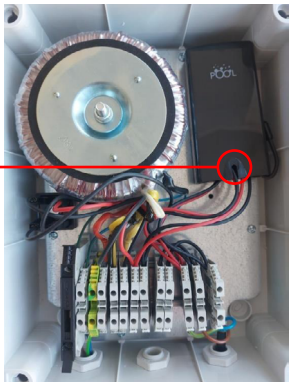
For safety reasons, the transformer must be installed at a minimum distance of 3 m from the pool (as required by regulations).
The control unit box includes a three-position key switch (forward, stop and reverse).





When the control unit is connected to the power supply, it should emit a continuous beep, confirming that pairing is correct.
If an intermittent beep is heard, the receiver memory must be cleared and reprogrammed as follows:

Remove the screw from the remote control receiver.



Press and hold the P1 button without releasing it at any time; a continuous beep will sound. At that moment, press and hold a button on the remote control.
When the beep becomes intermittent, release both buttons (control unit and remote).

The device memory has now been programmed.





- The motors are equipped with a protection system that disconnects them in the event of overheating. They will only operate again after approximately 10–15 minutes.

- Work on electrical devices must be carried out by qualified personnel.

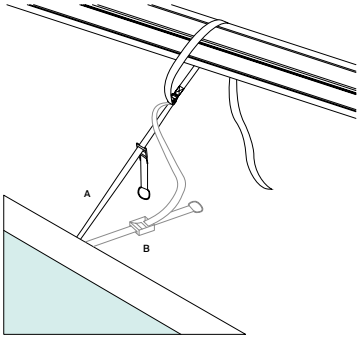
LIMIT SWITCH ADJUSTMENT

STEP 1

Without connecting the cover to the winding tube of the housing, turn the key to the unrolling mode (or press the unroll button on the remote control, if fitted) until the motor stops. Once it has stopped, the unrolling limit position has been set.

STEP 2

Connect the cover straps to the roller through the specific slot.



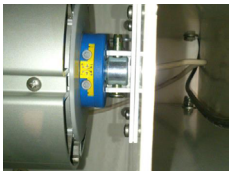
STEP 3

Turn the key in the rolling-up direction (or press the roll-up button on the remote control, if fitted) until it stops.

Remove the cap located just above the key. Then take the supplied blue rod and, on the white nut of the motor closest to the water, turn the nut towards the + symbol. The motor will start and stop, and you will see that it is rolling up.

Repeat this operation until the cover is in the desired position. It is advisable to proceed slowly to avoid exceeding the required position.





STEP 4

Once this process is complete, the limit positions have been set and must not be adjusted again.

TECHNICAL INFORMATION

MOTOR:
- Torque: 120 Nm
- Speed: 3 revolutions per minute
- Voltage: 24V
- Protection rating: IP-55
- Easy adjustment of limit switches
- Operation via push button and 1-channel remote control
- Power consumption: 120W
- Current: 5ª
- Control unit: 240 x 190 x 90 IP56

ROLLER SYSTEM:
- Anodised aluminium tubes Ø120 or 165 mm
- Structure 120 × 120 × 3 mm in anodised and lacquered aluminium
- Shafts and fasteners in stainless steel

MAINTENANCE AND CARE

- Always supervise the pool during cover opening and closing operations.
- Maintenance is the responsibility of the customer.
- The cover must be inspected periodically to ensure it is in perfect condition, without tears or cuts, and that all elements subject to wear, such as wheels, anchors and fastening straps, are in good condition.
- It is essential to replace any worn or damaged element or set of elements as soon as possible. Use only parts supplied by the distributor.

CLEANING

The cover must be cleaned periodically, especially before storing it. Cleaning can be carried out using water with detergent: soap, washing-up liquid or bleach (12.5%).

SAFETY ADVICE

- The pool may pose a serious danger to your children. Drowning can occur very quickly. Children near a pool require constant and active supervision, even if they can swim.
- The presence of a parent and/or a responsible adult is essential whenever the pool is open.
- This cover does not replace common sense or individual responsibility.
- The purpose of the cover is not to replace the supervision of responsible adults, who retain the essential responsibility for protecting young children.



Safety is not guaranteed if the cover is not installed correctly in accordance with the manufacturer's instructions.
Avoid climbing, walking or jumping on the safety cover.
Take the necessary measures to prevent children from accessing the pool if the cover is under repair.

Memorise and keep near the pool the emergency contact numbers:
Emergencies: 112 for Spain / Toxicology Emergencies: +34 91 562 04 20

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