

Installation

guide

Brisa Series

vertical **sliding wall** /
panoramic guillotine

acristalia



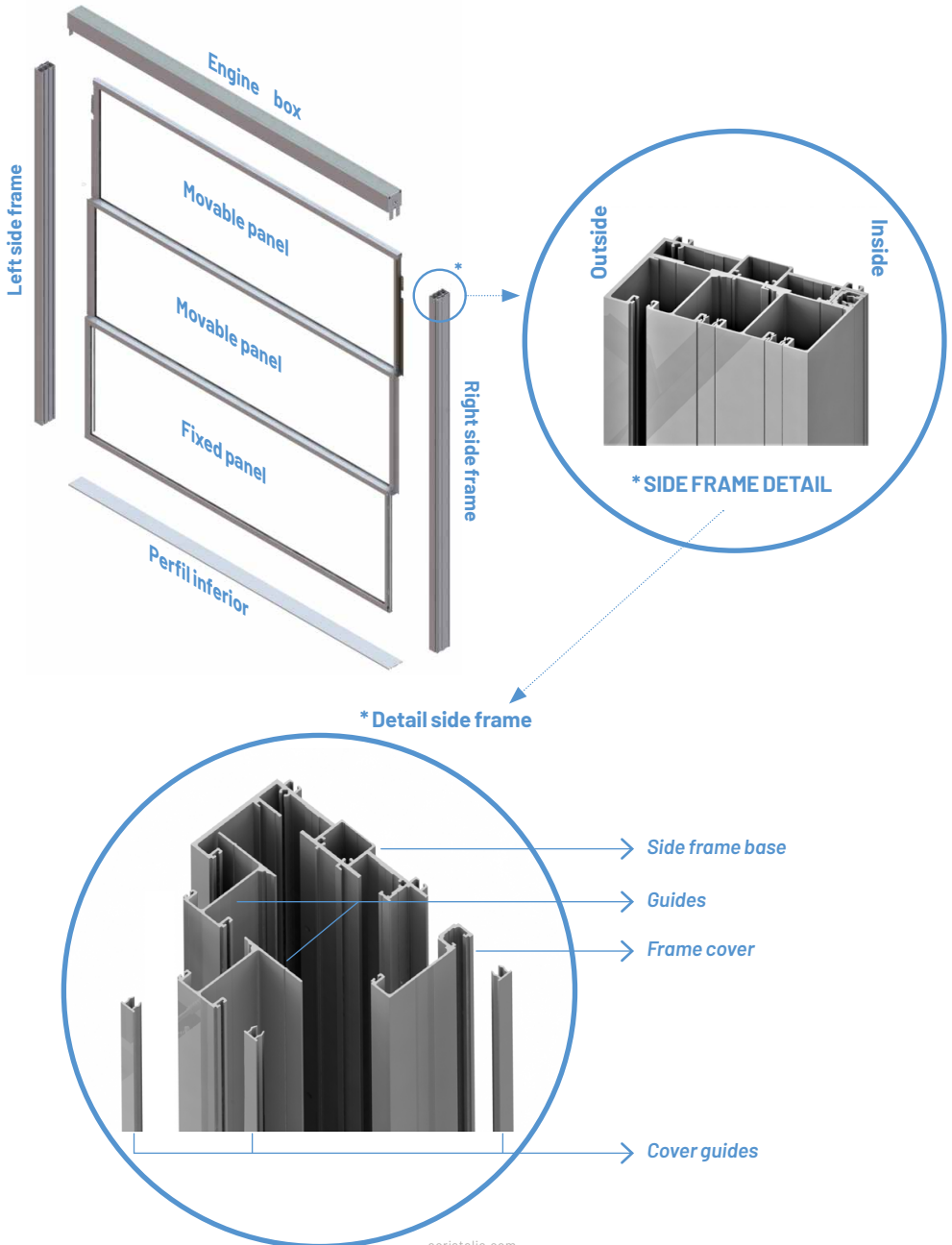
Index

- p. 3 **General** views
- p. 4 Assembling **instructions**
- p. 7 **Bottom** storage guillotine
- p. 12 **Upper** storage guillotine
- p. 18 Steps **common to both** guillotines
- p. 21 **Attached: Programming** guide

CAUTION:

We recommend using a low-powered screwdriver during the assembling of the the Brisa Series panoramic guillotine, in order to avoid the possibility of screw breakage and imperfections due to excessive pressure.

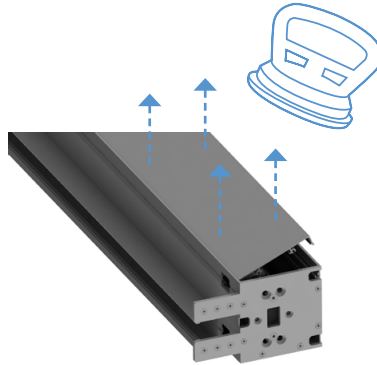
GENERAL VIEWS GUILLOTINE



1. ASSEMBLING INSTRUCTIONS

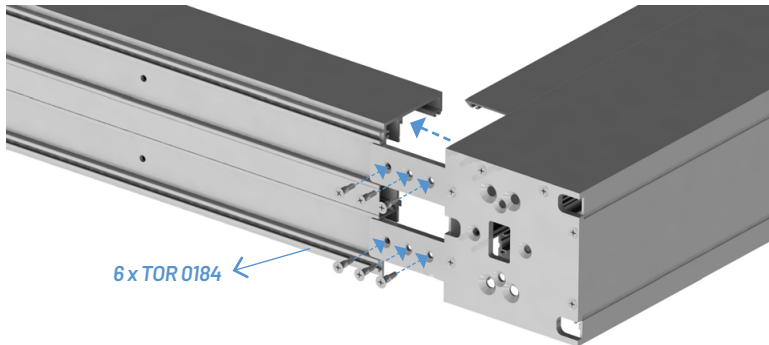
Step 1. Removal of the engine box lid

Employ a sucking pad to make it easier.

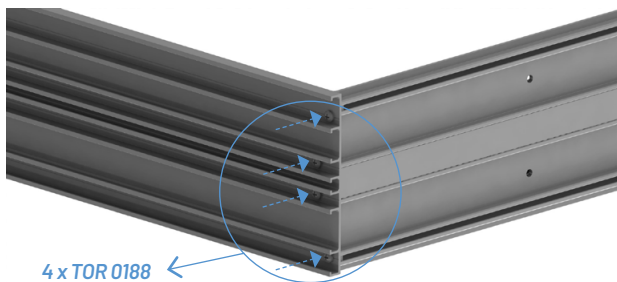


Step 2. Assembling of the frame

A combination of precision and preparation is required: drill the holes before inserting the six screws on each side.

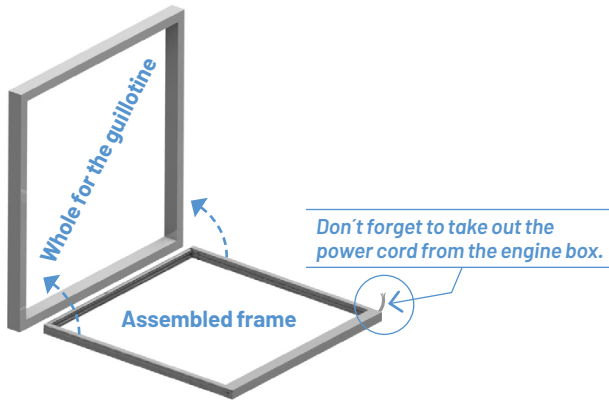


Assemble and fix the bottom profile to the side frames.



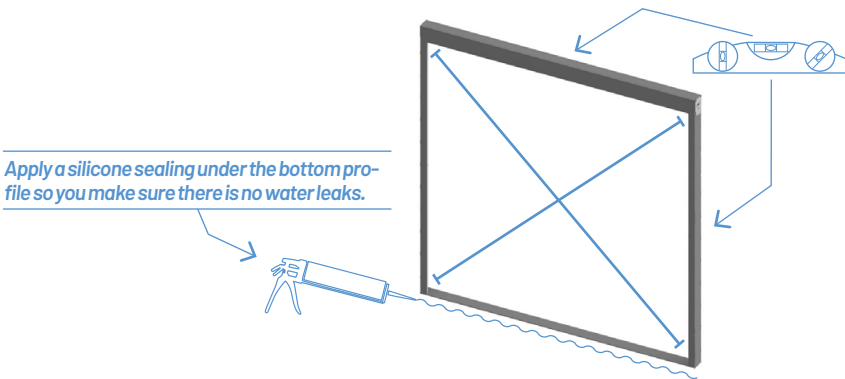
Step 3. Colocación del marco

Place it in the position of the picture and then lift it up.



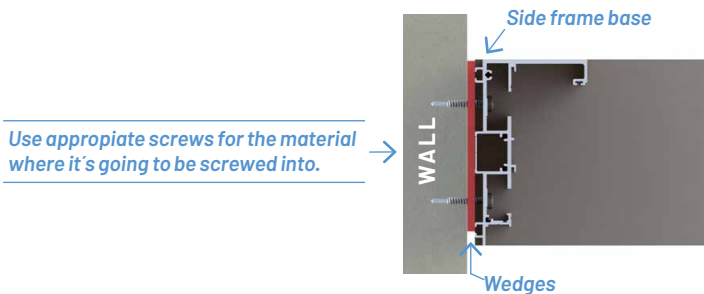
Step 4. Check out the dimensions

It's important that you check out the level, the plumb and the diagonal from the assembled frame.

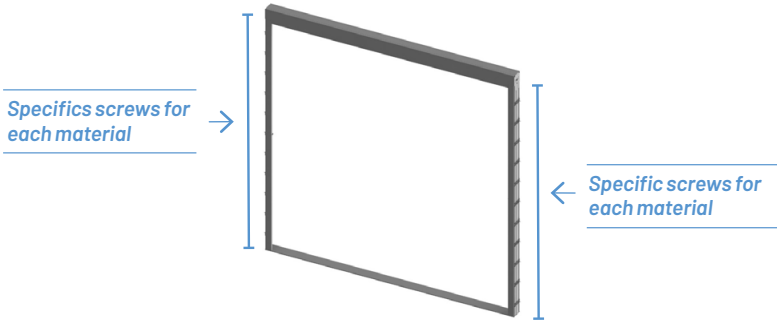


Step 5. Attach and seal the side frame

Use wedges to maintain the correct distance between the frame and the wall and screw into the holes drilled along the base from the side frame.

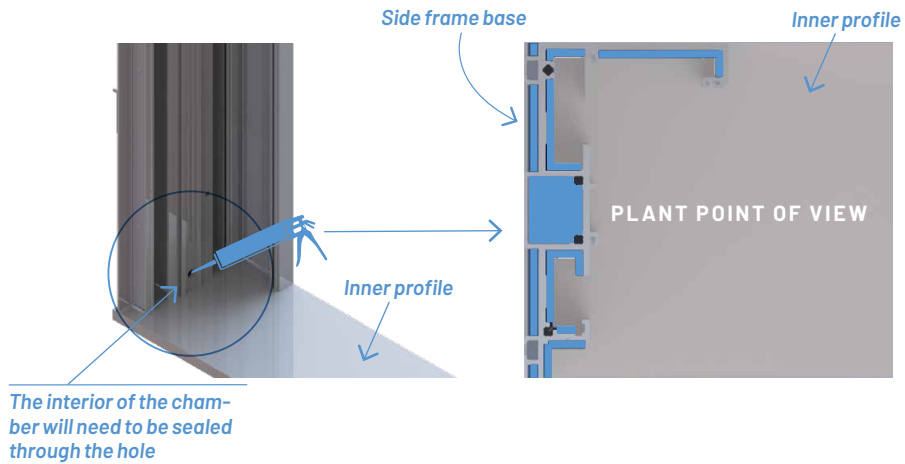


Screw along the side frame.



In the same way, screw the box to the top. Use wedges if necessary.

Once the frame has been attached, seal the base of the side frame with silicone as shown in the illustration in blue to prevent water leaks.

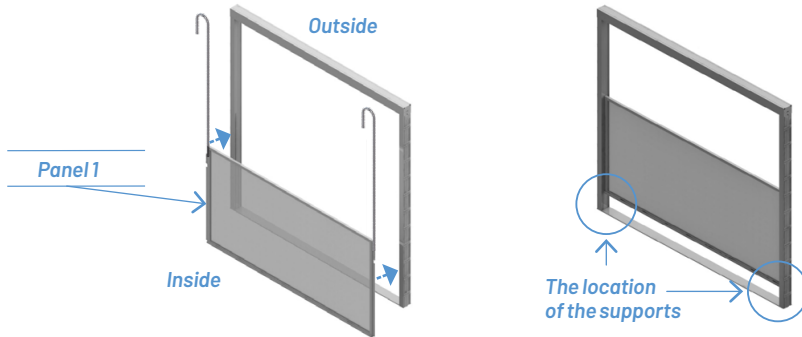


BOTTOM STORAGE GUILLOTINE

Continue with these steps only if your guillotine is from bottom storage.
(GO TO PAGE 12 SO YOU CAN FOLLOW THE STEPS FROM UPPER STORAGE).

Step 6. First panel installation

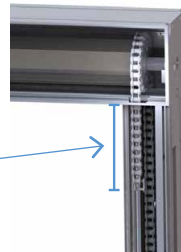
Identify panel 1 and place it over the supports that you will see on the lower area on both sides of the side frame (see the picture below). If your system doesn't have them, rest it on the lower profile.



Place the chains on the sprockets on both sides with the help of the pipe flanges. Once done, you can discard the pipe flanges. Now you can count the same number of chain links from one side and the other, taking as a reference the engine box.

Count the same number of chain links from both sides.

Take as a reference the base of the box.



Step 7. Connection of the engine (in the case of a mechanical motor, refer to Annex)

Connect the engine to the power supply, select the desired channel and start the programming according to the following sequence:

1. Connect

2. Identify
Simultaneously press:

... till you hear "clack-clack!"

3. Check the engine direction

Press:

4. a)
If it's OK, **continue.**

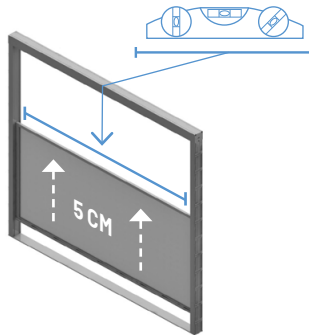
4. b) If NOT, press:

... till you hear "clack-clack!"

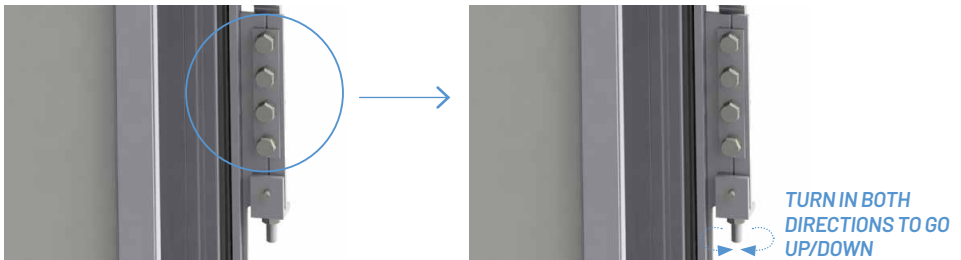
Once this has been done, you can freely move the engine.

Step 8. Panel levelling

Raise the panel 5cm so that the panel is supported by the chains. Now check that the panel is levelled.



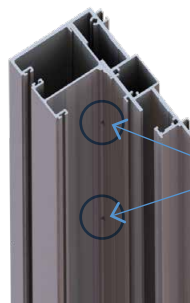
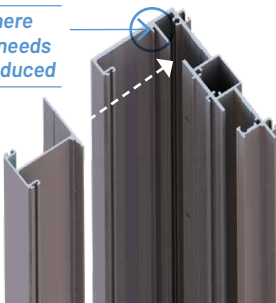
If the panel is not levelled you will need to loosen up the hexagonal screws to turn the lower lock nut and level it (see pictures below). It will be important to tighten the screws again once the levelling is complete.



Step 9. Assembly of the first guide

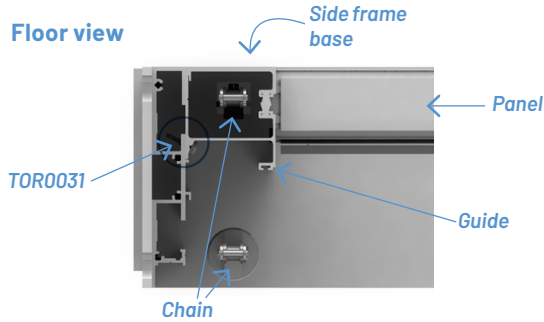
Introduce the guide into the groove and screw it in place (picture profile) according to the picture sequence in this step. **Make sure the panel has been placed between the base of the side frame and the guide.** Repeat on both sides.

Groove where the guide needs to be introduced



Once in place, screw with TOR0031 into the holes drilled.

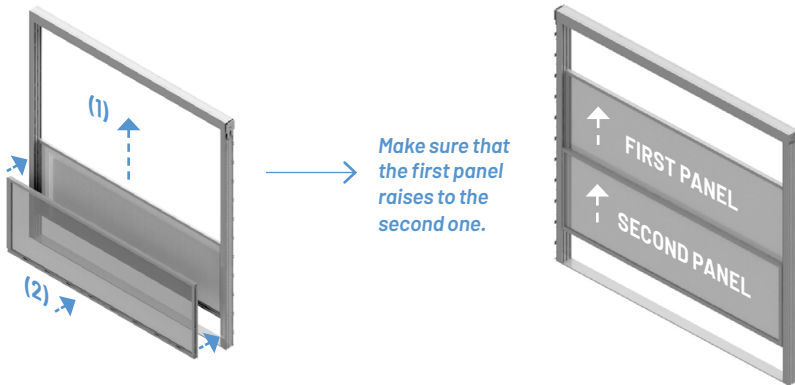
It should look like this.



Step 10. Installation of the second panel

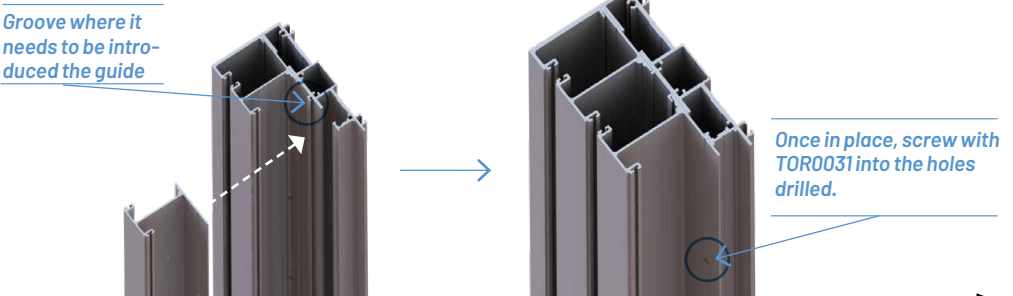
(If your guillotine has only two panels, go to Step 11).

Raise the first panel(1) and place the second panel(2) as shown in the pictures.

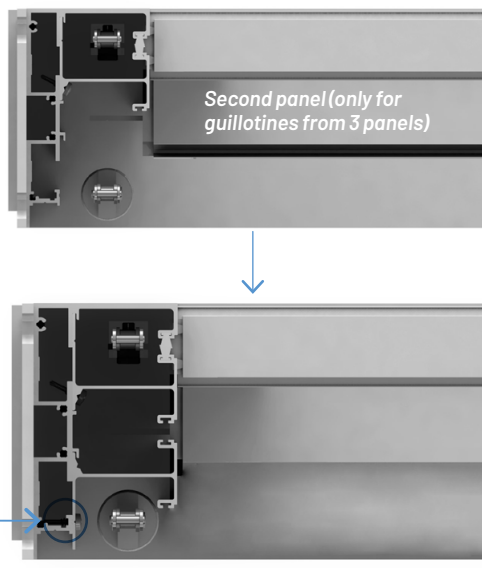


Step 11. Installing the second guide

The process is the same as for the first panel. Insert the the guide on both sides as in the sequence of pictures. **Make sure that the panel is between the two guides.** Repeat on both sides.

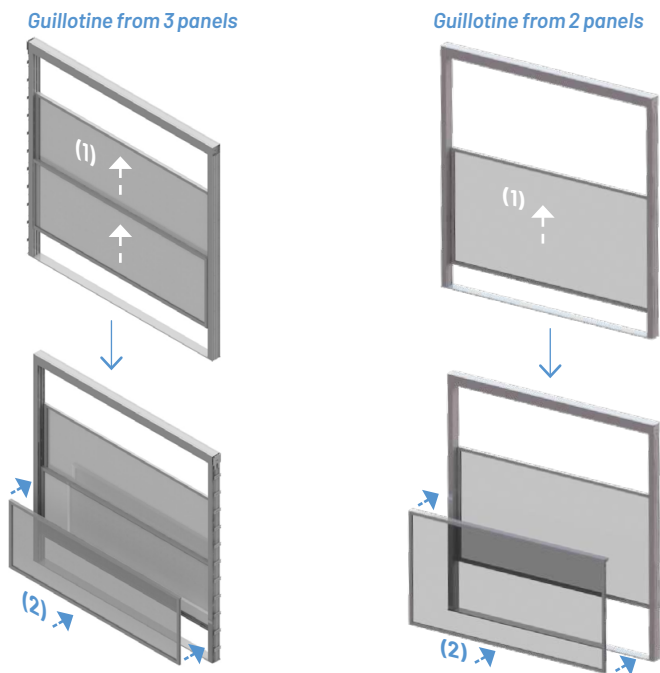


➔
CONTINUATION
OF STEP 11



Step 12. Installation and attachment of the fixed panel

Raise the first panel (1) with the help of the engine and insert the fixed panel (2).



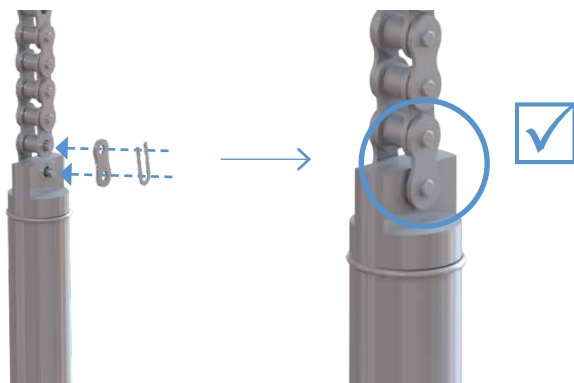
Attachment from the fixed panel

Screw according to the detail on both sides from the guillotine and seal the bottom of the panel.



Step 13. Counterweight installation

Position the counterweights and secure the quick links as shown:



FROM HERE, SKIP THE UPPER STORAGE STEPS AND CONTINUE WITH THE STEPS IN COMMON TO BOTH GUILLOTINES ON PAGE 18.

TOP STORAGE GUILLOTINE

Follow these steps only if your guillotine is a top storage one.
(GO TO PAGE 7 TO FOLLOW THE LOWER STORAGE STEPS).

Step 6. Installation of the counterweights

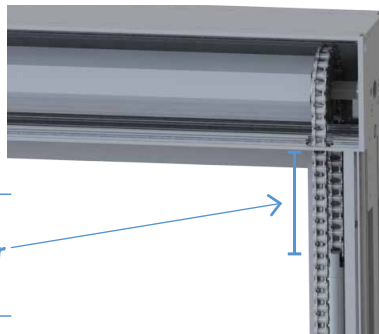
To install the counterweights, you must first attach the chains to the sprockets on both sides with the help of the flanges. Once they are in place, discard the flanges.



Then, count the same number of links on both sides, using the drawer as a reference.

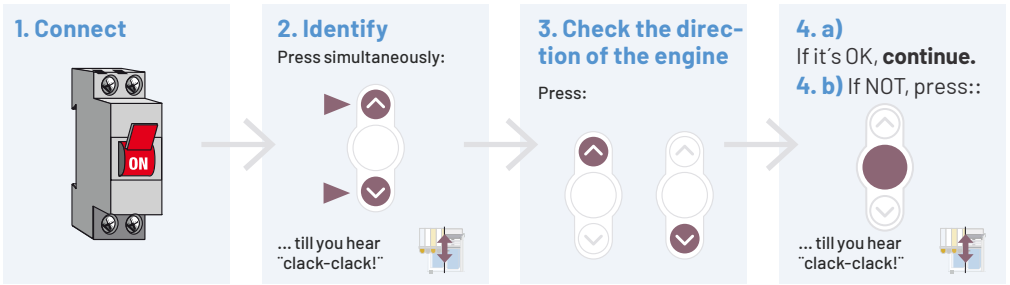
Count the same number of chain links on both sides.

Take as a reference from the base of the drawer to the upper part of the counterweight.



Step 7. Connect to the engine (In the case of a mechanical motor, refer to Annex)

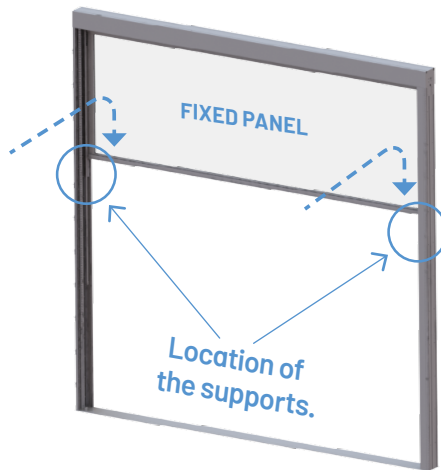
Connect the engine to the power supply, select the desired channel and start the programming according to the following sequence:



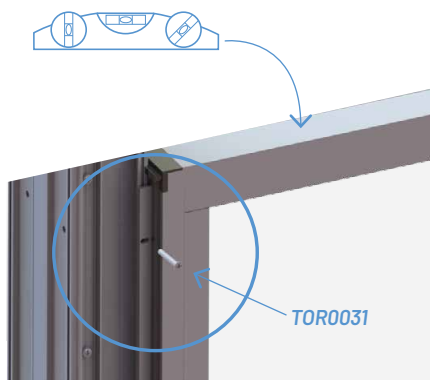
Once this is done, you can move the engine freely.

Step 8. Installation and levelling of the fixed panel (first panel)

Place the fixed panel on the side supports.



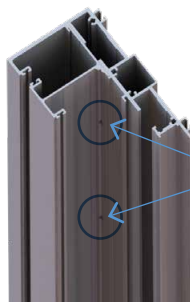
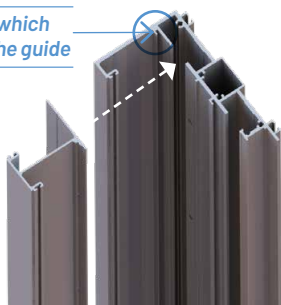
Level it and fix it on both sides of the side frame base at the four corners you will see on the panel as in the picture below. **Screw in the 4 corners.**



Step 9. Assembling of the first guide

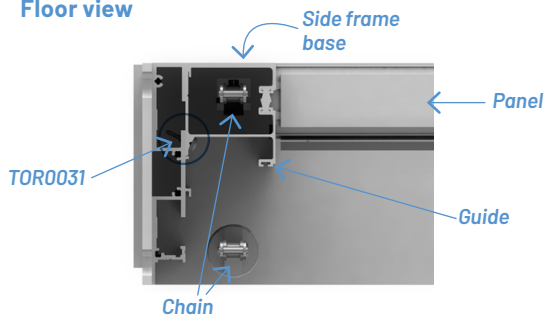
Introduzca la guía en la ranura y atornille (perfil de la image) según la secuencia de imágenes de este Step. **Make sure that the panel has been placed between the base of the side frame and the guide.** Repeat on both sides.

Groove in which to insert the guide



Once in place, screw with TOR0031 into the holes drilled.

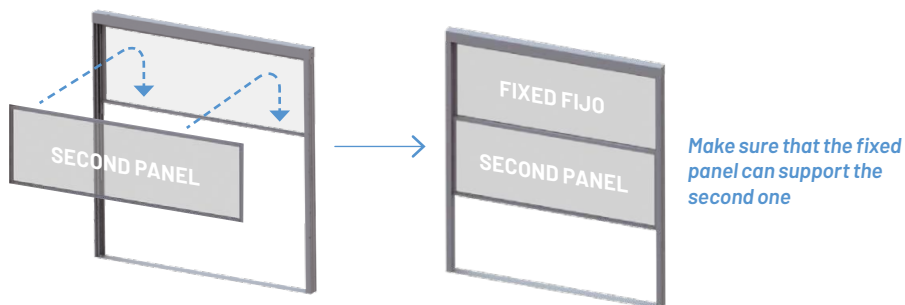
Floor view



Step 10. Installing the second panel

(If your guillotine has only two panels, go to step 11).

Attach the second panel by hooking it to the fixed panel crossover.

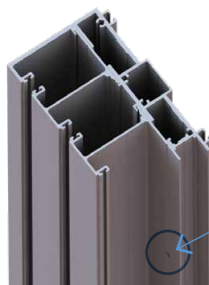
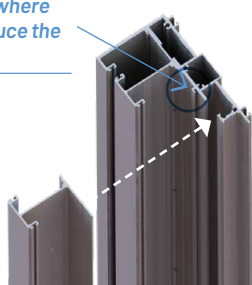


Step 11. Installing the second guide

The process is the same as for panel 1, insert the guide on both sides as shown in the sequence of pictures.

Asegúrese que el panel ha quedado entre ambas guías. repeat on both sides.

Groover where to introduce the guide



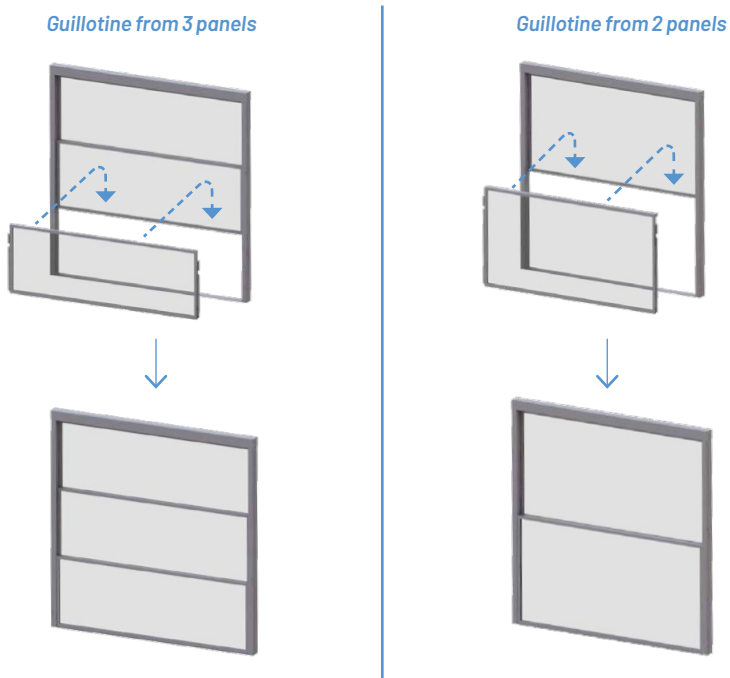
Once in place, screw with TOR0031 into the holes drilled.



TOR0031

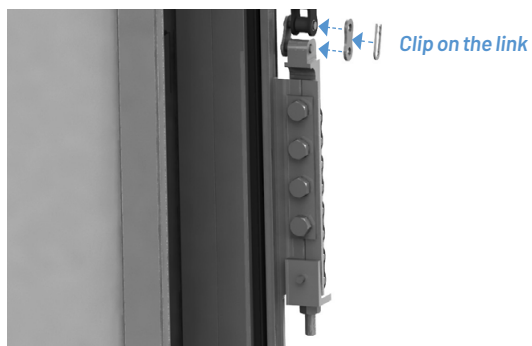
Step 12. Installing the last panel

Hook the panel to the cross of the previous panel.

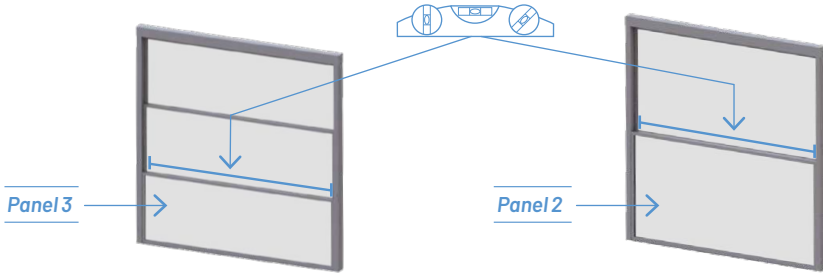


Step 13. Connection from panel to the chain

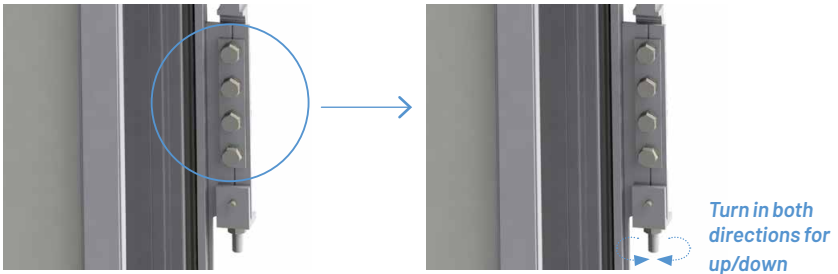
Clip connecting link to the chain as shown in the picture. **Do it on both sides.**



Levelling of the movable panel.

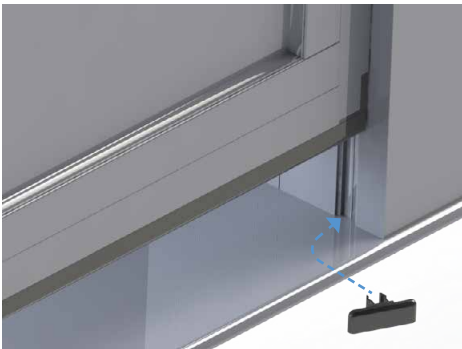


If the panel is not leveled, you will need to loosen the hexagonal screws to turn the lower lock nut and level it (see pictures below), It will be important to re-tighten the screws once levelling is complete. **Do this on both sides of the panel.**



Installation of the lower storage guillotine windbreaks

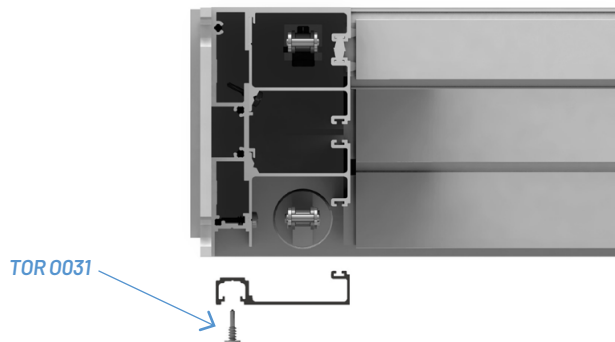
Insert the windbreaks as shown in the image and apply a small amount of adhesive.



CONTINUATION OF THE STEPS COMMON TO BOTH GUILLOTINES

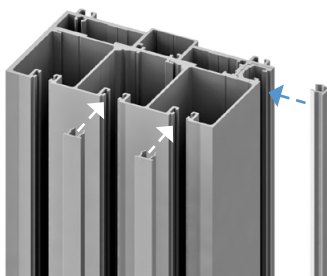
Step 14. Fitting the frame covers

Fit and screw on according to the pictures. **Remember doing this on both sides.**

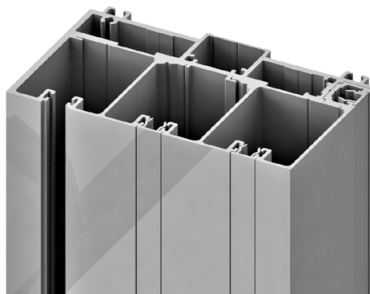


Step 15. Fitting the guide covers

Clip into corresponding place.

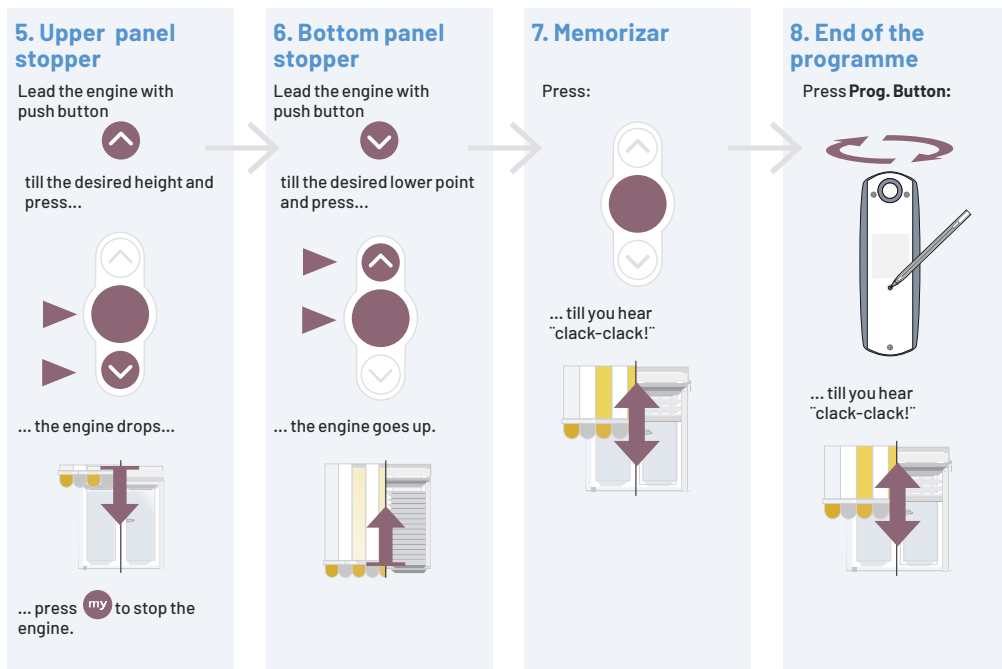


It should end up being like this:



Step 16. Memorising of panel stopper

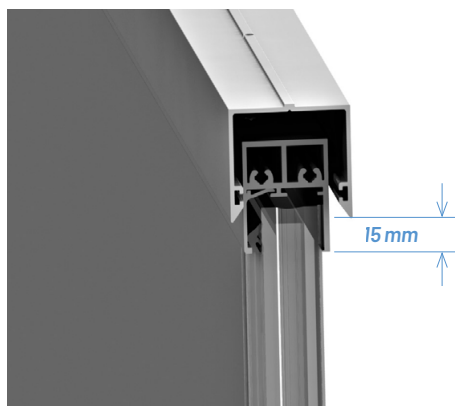
Continue with the programming sequence.



NOTE: in case there is an error, disconnect the motor and start since the beginning.

Bottom storage guillotine

It's recommended to establish an upper limit of the panel at 15 mm from the horizontal guide, as you can see in the picture (only for bottom storage guillotines).



Step 17. Testing

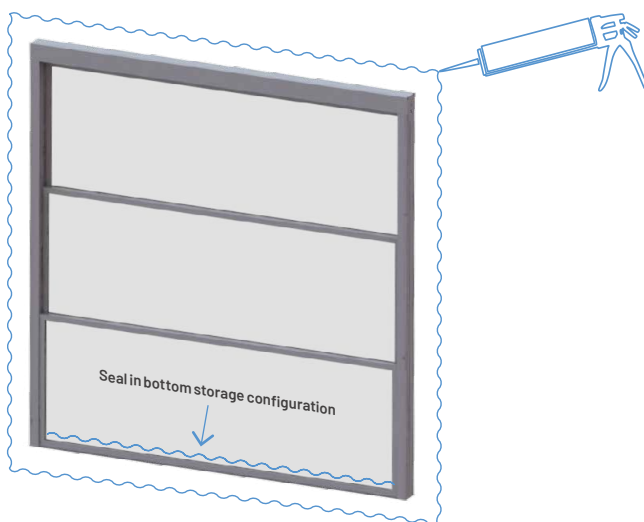
Close the engine box and check that the system is working properly.



Step 18. Perimeter sealing

Seal the perimeter with silicone to prevent water from entering.

In lower storage configurations, also seal the joint between the fixed panel and the lower guide.



ANNEX I: RADIO-CONTROLLED MOTOR PROGRAMMING GUIDE.

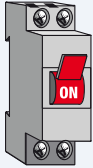
For any questions, please contact Acristalia's Technical Department.

A. MOTOR SOMFY AND MOTOR SIMU


A1. Programming sequence

In each step, **press and hold the highlighted keys** until the motor moves as shown in the drawing.


1. Connect





2. Identify
Press simultaneously:




... till you hear "clack-clack!"




3. Check the direction of the engine
Press:


4. a)
If it's OK, **continue.**
4. b) If NOT, press:




... till you hear "clack-clack!"



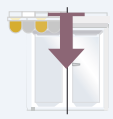
5. Upper panel stopper
Lead the engine with push button



till the desired height and press...




... the engine drops...




... press **my** to stop the engine.


6. Bottom panel stopper
Lead the engine with push button




till the desired lower point and press...



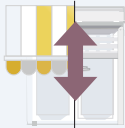
... the engine goes up.



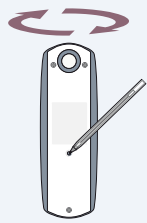
7. Memorizar
Press:



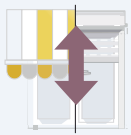
... till you hear "clack-clack!"



8. End of the programme
Press **Prog. Button:**



... till you hear "clack-clack!"



A3. Copy senders

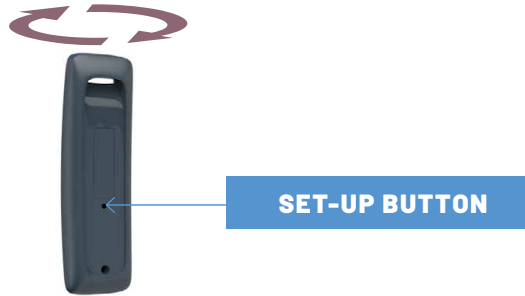
The procedure consists of two steps:

Step A – On the transmitter you wish to copy:

Press and hold the programming button for three seconds, until you hear a “*clack-clack!*” sound.

Step B – On the transmitter to be copied to:

Press and hold the programming button for half a second, until you hear a “*clack-clack!*” sound.



Adjusting the Limit Switches

This procedure may be carried out after completing the motor programming sequence (see point **A1. Programming sequence**).

Step sequence:

- a. Position precisely at the limit switch to be adjusted, ensuring clear access.
- b. Press the Up and Down control buttons simultaneously and maintain pressure until the roof mechanism emits the clack-clack signal, confirming the adjustment initiation (see Image [Fig. 1](#)).



- c. Move the motor precisely to the new desired limit switch position. Press the MY button until the roof mechanism emits the clack-clack signal, confirming the new setting (see Image [Fig. 2](#)).



- d. At this stage, the limit switch has been successfully adjusted.

A4. Changing the Motor Direction

If you wish to change the motor direction after it has already been programmed, the programming must be reset. Perform a 2-8-2 reset and reprogram the motors, ensuring compliance with steps 3 and 4 of the programming sequence (see point **A1. Programming sequence**).

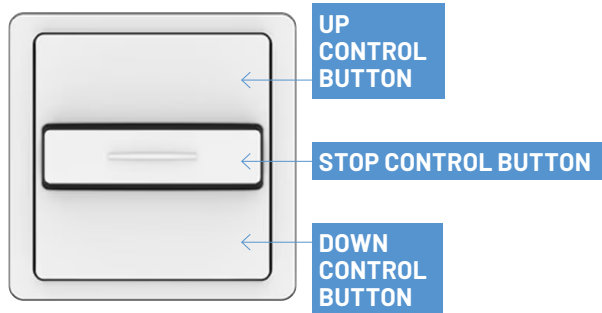
ANNEX II: MECHANICAL MOTOR PROGRAMMING GUIDE

For any questions, please contact the Acristalia Technical Department.

A. MOTOR SOMFY & MOTOR SIMU

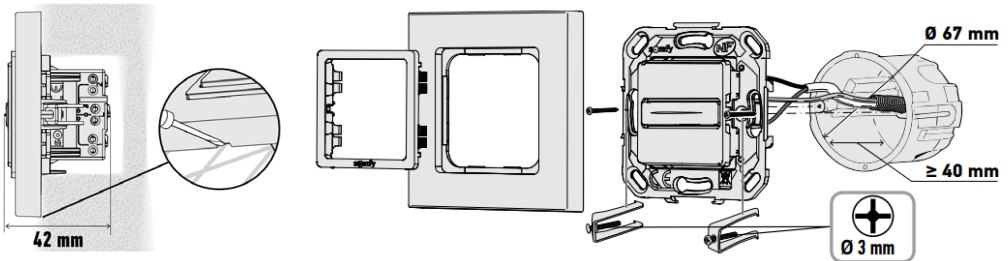
A1. Configuration with Smoove UNO Fixed Position Push Button

For each step, **keep the indicated buttons pressed** until the motor activates as shown in the image.

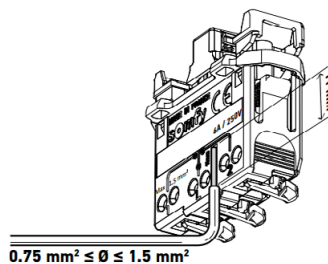


NOTE: Up to two motors can be linked, as shown in the subsequent section. Ensure that both motors are correctly programmed and synchronized before initiating the linking procedure, in order to guarantee proper and simultaneous operation.

Detach the decorative cover by carefully prying with a flat tool while simultaneously pulling the body away.

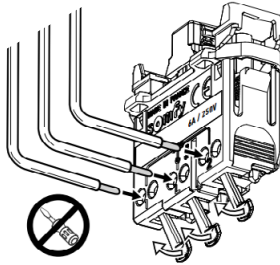


1. Connect the live wire to the Smoove unit, ensuring the cable is inserted approximately 11 mm.

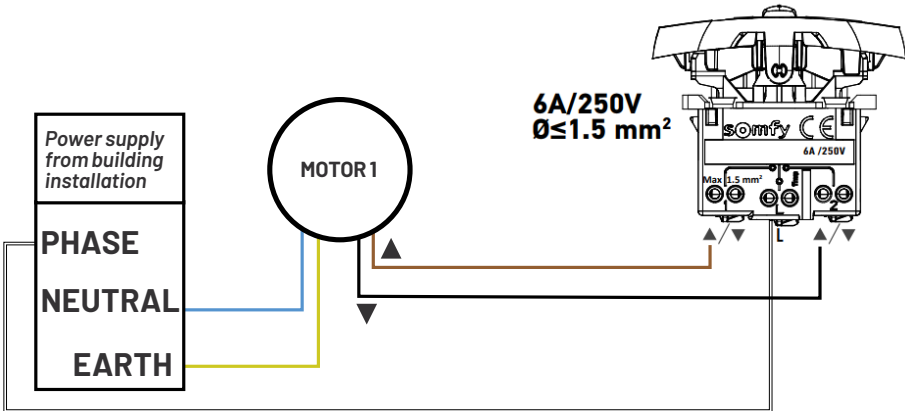


$0.75 \text{ mm}^2 \leq \emptyset \leq 1.5 \text{ mm}^2$

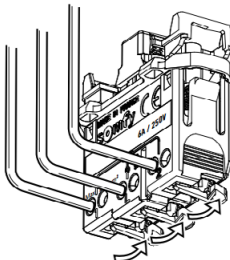
2. Open the tabs before inserting the cables, taking care not to damage the structure.



3. Connect the motor's up cable (brown) to the up connector, and the motor's down cable (black) to the down connector of the Smoove unit in the same position, as shown in the image:



4. Close the tabs firmly to ensure proper fixation.



5. Connect the motor to the mains power supply.
6. Verify the correct upward and downward directions; if reversed, adjust accordingly before proceeding.
7. Program the limit switches as indicated. Follow the procedure corresponding to your motor model (Somfy or Simu).

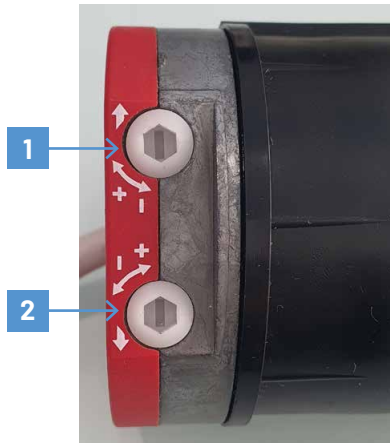
MOTOR SIMU

Limit Switch Adjustment

The motor is pre-set to complete one full rotation in both directions. To adjust the limit switches, turn the corresponding adjustment screws located on the motor head using the supplied adjustment rod. If the rod is not available, a 4 mm Allen key may be used.



Proceed with the adjustment as shown in the diagram below.

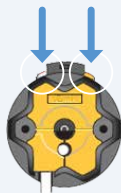


MOTOR SOMFY

Limit switches adjustment

1. Start of memorization:

- Press the buttons indicated below:



- At this point, the motor should not move; if so, proceed to the next step.

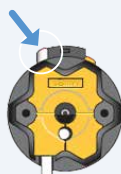
- If, on the other hand, the motor moves, press the central stop button and continue with step 2.

2. Upper limit switch:

- Move the motor to the desired height using the Smooove up button.



- Press the white button to release it from its previous position.



- This white button marks the upper limit switch position.

3. Lower limit switch:

- Move the motor to the desired height using the Smooove down button.



- Press the yellow button to release it from its previous position.



- This yellow button marks the lower limit switch position.

4. End:

- If you have reached this point, the limit switches have been correctly configured.

