Anemos

Installation manual

A05271-ING 0.03.2014

Corradi
OUTDOOR LIVING SPACE

INSTALLATION MANUAL

ORIGINAL INSTRUCTIONS

Dear Installer
This manual contains advice for a rapid and precise installation of the various components.
Although we are sure that you know how to use our products we still recommend that you read our indications carefully.
We always welcome any suggestions or indications on possible improvements to the installation techniques or the layout of the manual.
We would also remind you that during installation you should always use materials that are in full respect of the environment.
It is also good practice to release, in addition to the declaration of conformity as required by law, a final declaration of correct installation according to the specifications in the manual.

ANEMOS is a CORRADI S.p.A. product.
All technical interventions necessary for the installation must be carried out by authorised and specialised technicians.

All unauthorised interventions (tampering, technical modification etc.) during the warranty period will invalidate said warranty.

CORRADI S.p.A. reserves the right to make technical modifications to the components or products, except for the main features, at any time and without prior notice.

INDEX

SYMBOLS

The symbols indicated are used to draw the attention of the installer to arguments of particular importancefor the safety of persons, the product or to indicate particular operating conditions


Attention: general operating note


Attention: greater attention to what you are reading


Attention: general hazard; possible risk of damage to persons, property, components


Attention: risk of electrical hazard


Attention: risk of crushing hands


Contact: CORRADI S.p.A. or the authorised retailer

GENERAL PRECAUTION


Before undertaking any assembly, maintenance or cleaning operations, make sure that you have fully understood the indications in this manual. Failure to respect the regulations contained herein relieves CORRADI S.p.A. of all responsibility for damage caused to persons, animals, property and/or components. The installation personnel must scrupulously respect the local accident prevention regulations in force.


All electrical connections for movement, installation of automation accessories etc. must only be made by qualified personnel.
If the structure is motorised and installed at a height of less than 250 cm from the ground, the control button must be of the 'dead-man' type and the opening and closing operations must be clearly visible.


In the case of any incompatibility, contact CORRADI S.p.A.

GENERAL SAFETY WARNINGS

Destination of use

Any improper use of HELYOS LIBERTY relieves CORRADI S.p.A. of all liability.
When using the canvas it is good practice to remember that all moving parts can be a source of danger.


Do not remove any casings after the installation and, if they are removed for maintenance, make sure that before removal the power supply is cut off (in case of motorised movement).

It is recommended never to intervene on moving parts and to ensure that no operator is near to the awning before reactivating it after a technical or maintenance intervention.


It is compulsory to cut off the power supply (if present) when carrying out an installation, maintenance, repair or adjustment intervention.


It is recommended that a caution sign be placed on the power supply master switch with the following indications:
"Attention! Do not touch. Service personnel at work".

PRECAUTIONS AND WARNINGS

The maintenance and installation personnel (installers, electricians etc.) must have sufficient expertise and psychophysical and attitudinal requirements for undertaking the tasks at hand.
Always check the correct mounting and working efficiency of the electrical and manual drives during the assembly.


In case of anomalies, immediately stop the work and contact the service department of CORRADI S.p.A.

SYMBOLS

The use of non-original spare parts, or unauthorised interventions or modifications shall relieve CORRADI S.p.A. of any responsibility for damage caused to persons, animals or property.
It is absolutely forbidden to tamper with the fixings, the supports, the guides, the fixtures, the command and idler units and any other component of the HELYOS LIBERTY.

ATTENTION
All values indicated are expressed in centimetres (unless otherwise specified).

PRELIMINARY CHECKS
On receipt of the packed goods and before starting their assembly, check the integrity of the material and the presence of all the components necessary for the installation.
Carefully follow the information contained in the "Material check, unpacking and preparation" section.

In case of anomalies, immediately contact the authorised retailer or CORRADI S.p.A.

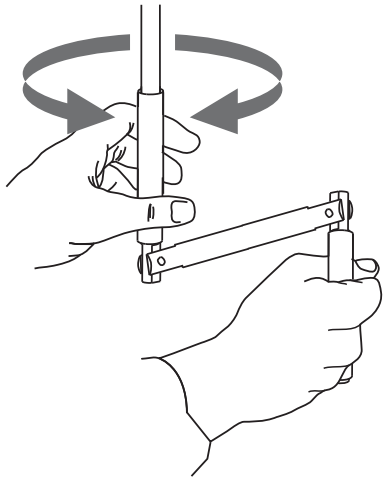
ANEMOS

It is custom designed and built for the client to protect from the sun and inclement weather, with the exception of snow; the structure is fully self-supporting and may be used in winds of up to class 8 on the Beaufort scale as shown in table 2 p.45.

On the anchored canvas version, the canvas must be removed if the wind exceeds the values indicated in table 2 p.45.

MANUAL DRIVE

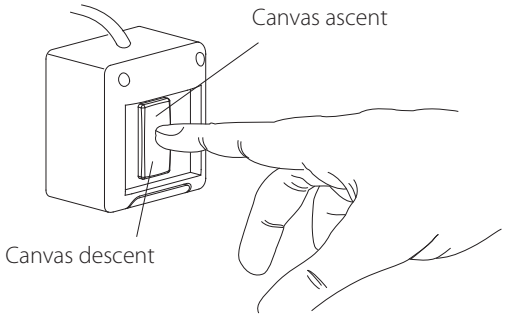
If the ANEMOS is fitted with manual drive, to open and close the canvas, insert the manual winding handle in the seat of the gearbox and turn clockwise (to raise the canvas) or anticlockwise (to lower the canvas).



ELECTRIC COMMAND

In case of EXYL ANEMOS with a wall-switch, push the switch in the low area in order to move the awning downwards, push it in the up area to move the awning upwards. Once you release the switch the awning will stop.

The drive must be installed between 90 and 120 cm off the ground.

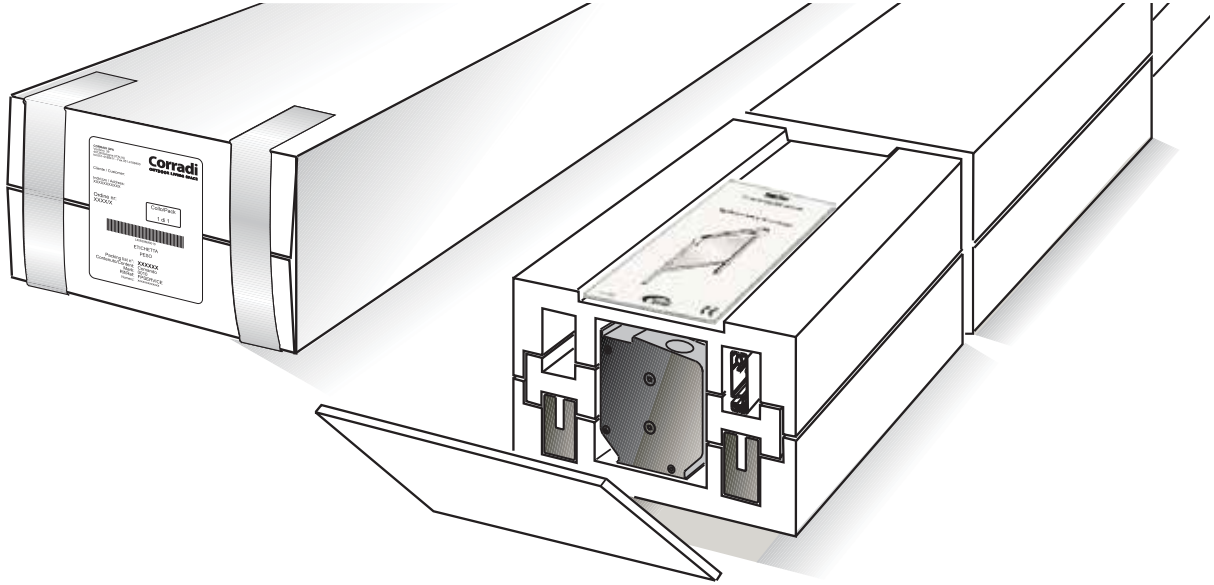


RADIO CONTROL

If ANEMOS is equipped with radio control, the canvas lift, lower and stop movements are explained in the "motor and automatism" manual.

MATERIAL CHECK, UNPACKING AND PREPARATION

FACSIMILE PLATE



PRELIMINARY CHECKS

The ANEMOS awning is delivered in a strong package that protects it from knocks or scratches because it is contained in special polystyrene seats. There is a label on the cover that indicates:

- **Manufacturer data**
- **Order number**
- **Name of addressee**
- **Customer reference number**
- **N° of the parcel**
- **Weight**

Before opening the package, check that the data corresponds with that in your possession.

All the elements necessary for mounting the awning, the accessories needed for mounting and the installation, the use and maintenance manual are inside the package and contained in special seats.

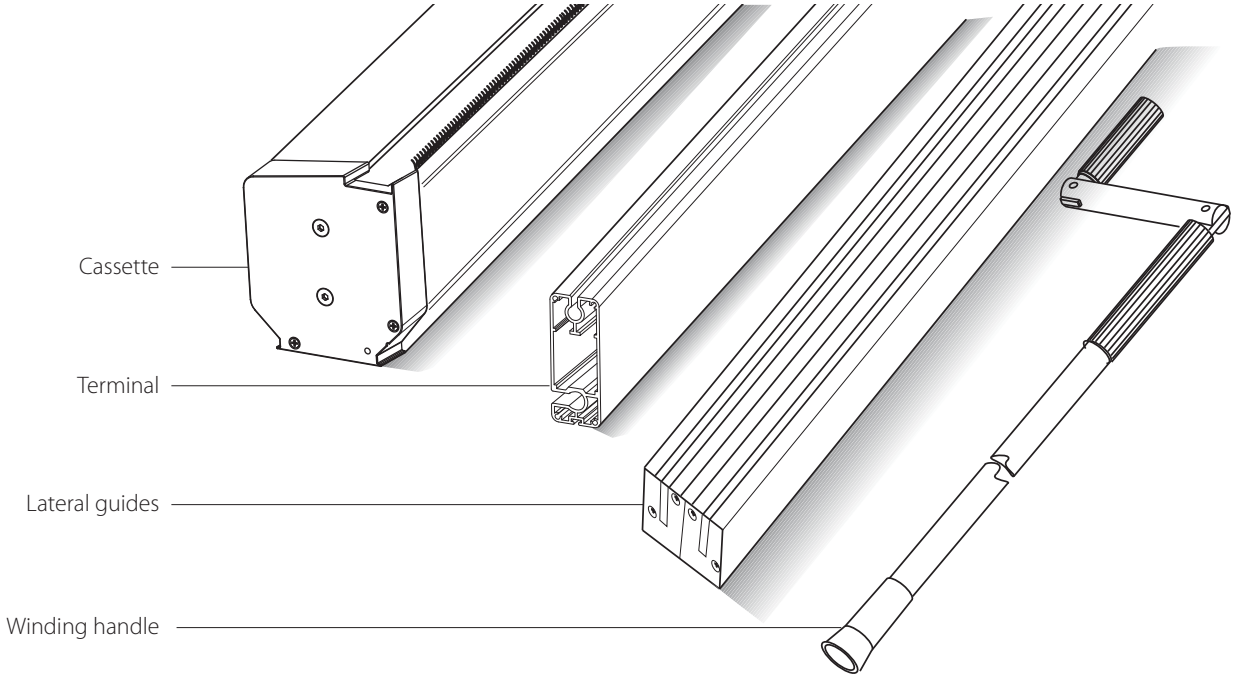
N.B.:
fixing elements such as screws, plugs etc. are not included and must be chosen by the installer based on the type of fixture foreseen (wall, wood, metal etc.).

Proceed as follows:
- Remove the elements from the packing.

WARNING:
do not use a knife to avoid the risk of ruining the paint or metal elements.

- The elements (cassette, guides and terminal) carry a further label indicating:
- Order date
- Customer name
- Reference
- Measurement details of the opening in which the awning is to be installed
- Measures of the cassette (service indication)

Check that the data indicated on the cassette corresponds to that indicated on the label on the guides and on the terminal.



Once the cassette has been removed from the packing, place it on the ground facing upwards (the part to be fixed to the ceiling, to prevent damaging the painting on the side in view). The same for the lateral guides which should be placed on the ground resting on the side to be fixed to the wall.

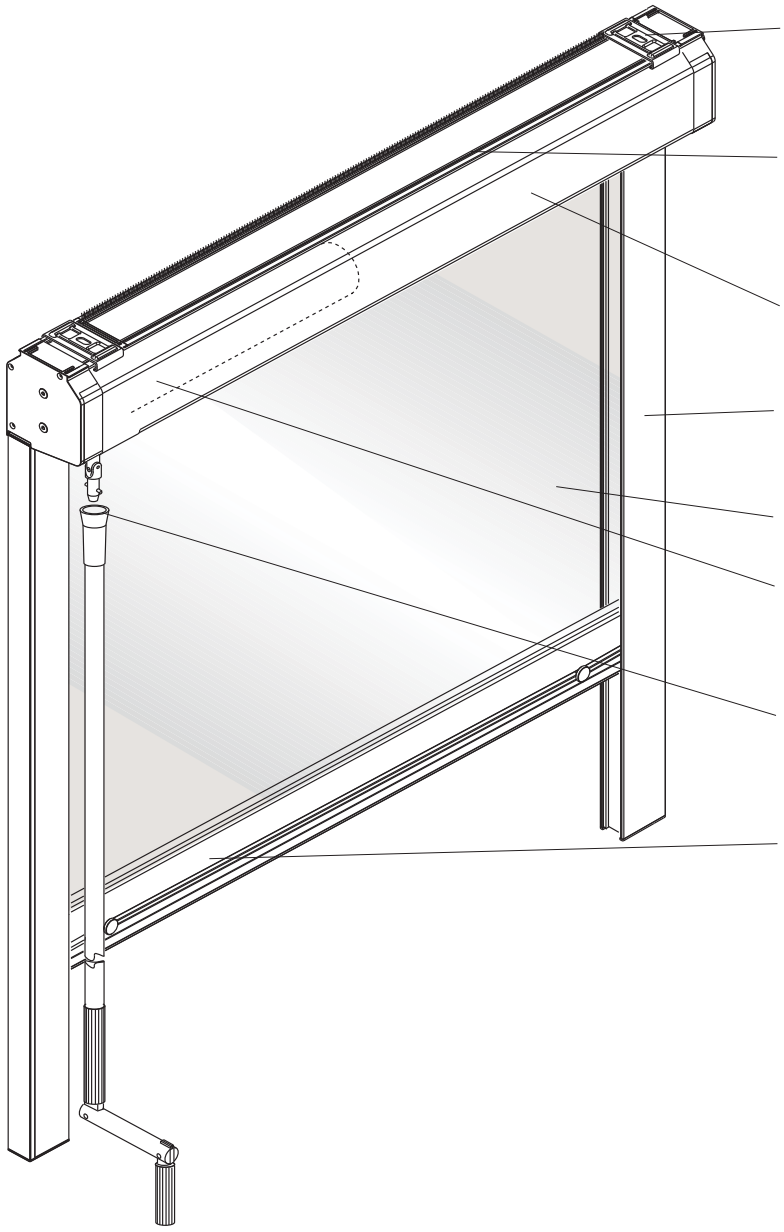
WARNING:
Packed together with the cassette are the following accessories:
- Standard overhead anchorage brackets (2 per awning up to 2 metres long, 3 for larger sizes).
- 2 front fastening brackets (if structure front fastening required);
- Templates for drilling
- Compensation washers
- guide shims
- with ANEMOS lock (2 screws included)

ATTENTION:
packed together with the guides are the following:
- rubber gaskets contained inside the guides..

Before starting the mounting, check the integrity of all the elements and that all the accessories are present.
If not, contact CORRADI S.p.A. immediately.

Start the mounting following the instructions shown in the next paragraphs.

MAIN COMPONENTS AND MOUNTING SEQUENCE



P - support plates (fitted box support)

S - dust excluder brush (upper air tightness)

C - canvas storage box

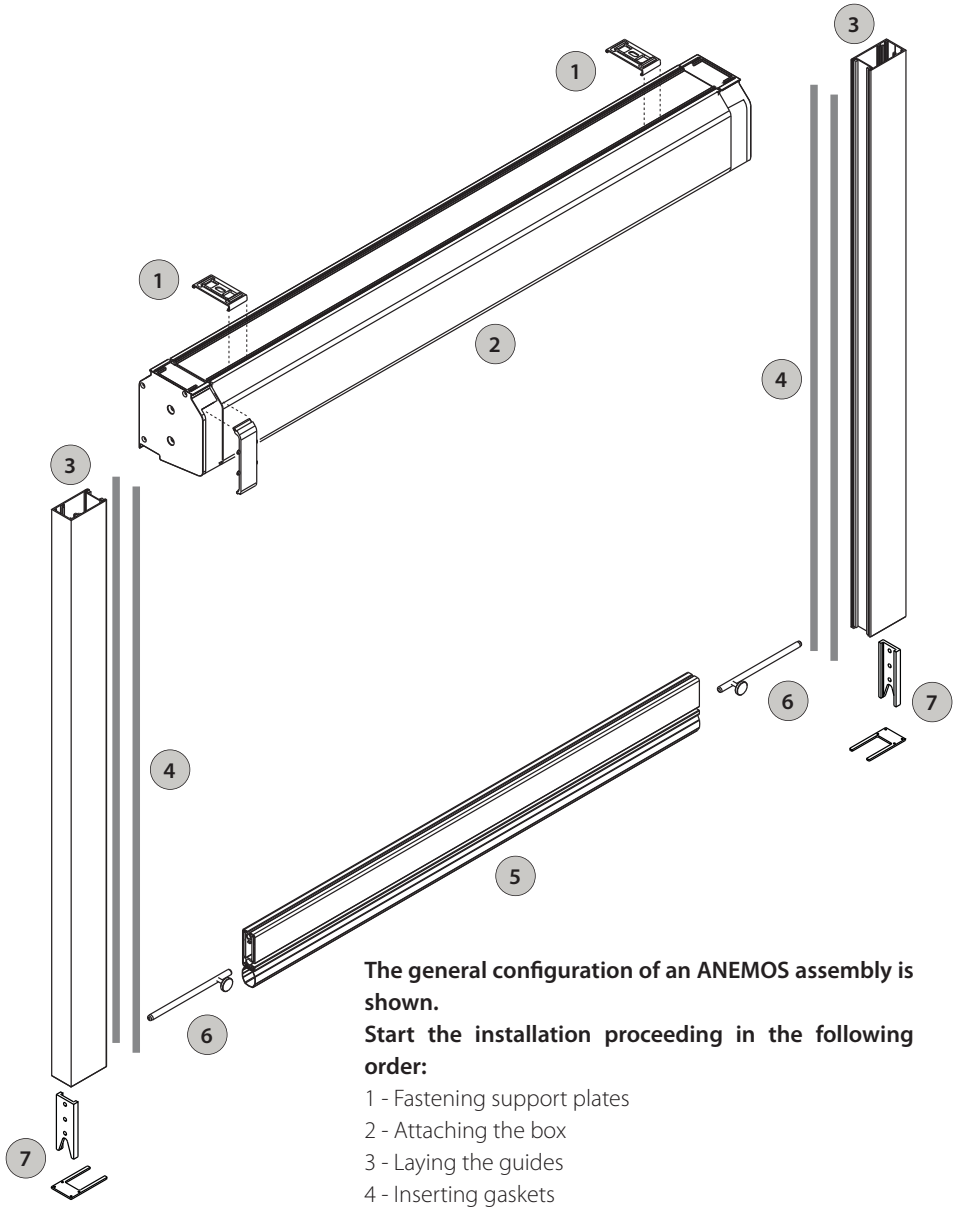
G - side sliding guide

L - Cristal canvas

M - motor-reducer (electric drive)

A - handle fitting (manual drive)

T - terminal with draught excluder gasket



The general configuration of an ANEMOS assembly is shown.

Start the installation proceeding in the following order:

1 - Fastening support plates
2 - Attaching the box
3 - Laying the guides
4 - Inserting gaskets
5 - Inserting terminal into canvas
6 - Inserting stop unit
7 - Lower lock + foot

Positioning the cardboard templates for drilling

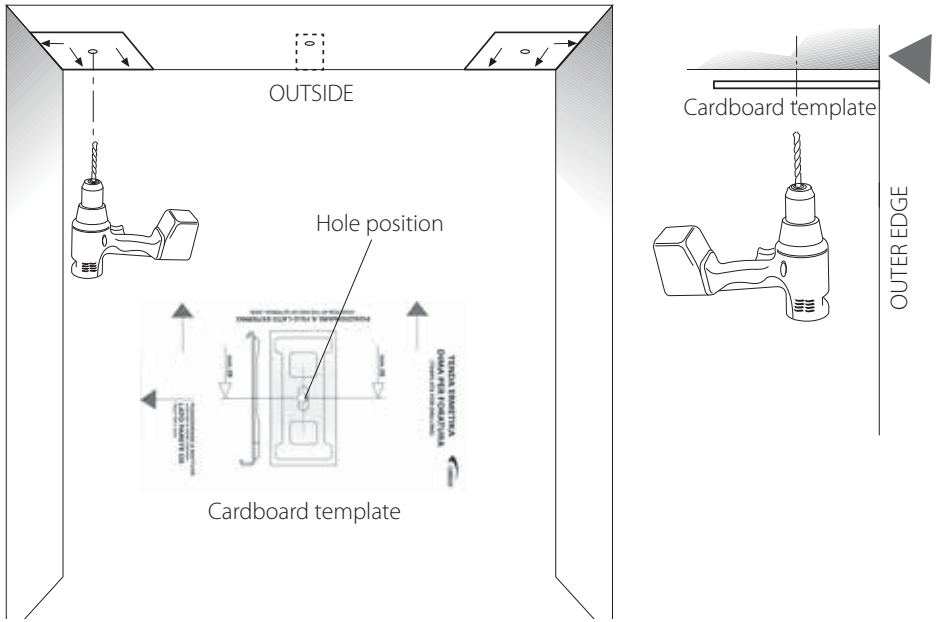


fig. 1

If the box is to be installed on the outer edge of the structure, position the cardboard templates provided perfectly against the outer edge and against the right and left sides.

For ANEMOS lengths up to 2 metres, there are 2 supports.
For width 201 to 300 cm = 3 fittings.
For width 301 to 400 cm = 4 fittings.
For width 401 to 500 cm = 5 fittings.

Positioning support plates

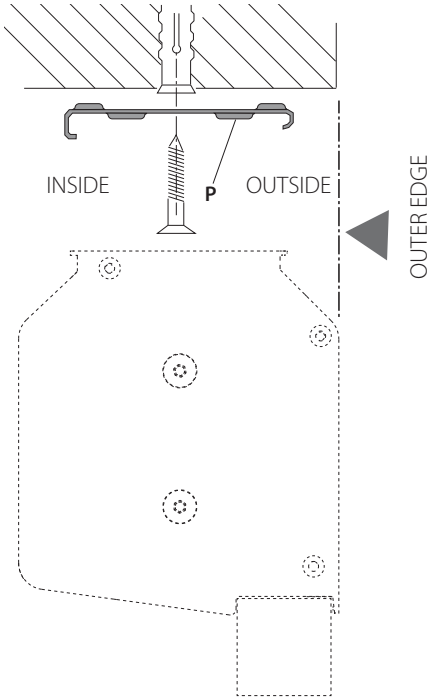


fig. 2

- Drill, using a drill bit that is suitable for the type of fixing to be used.
- Insert the plugs when foreseen, (depending on the type of fixture envisaged: wall, wood, metal etc.)
- Fix the support plates (**P**) to the ceiling, oriented as indicated in the figure.

Attention:

Use flat countersunk screws. Do not fully fix.
Attention: read the following notes carefully.

1 CASSONETTO A SOFFITTO

Sequence for hooking up the cassette

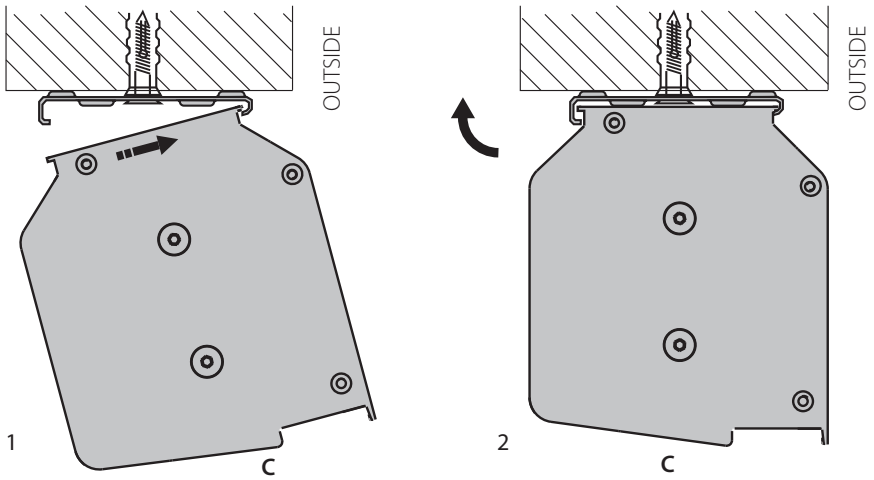


fig. 3

- Hook up and fix the cassette (**C**) to the support plates with a slight rotation upwards, starting from the outside part (sequence **1** - **2**).

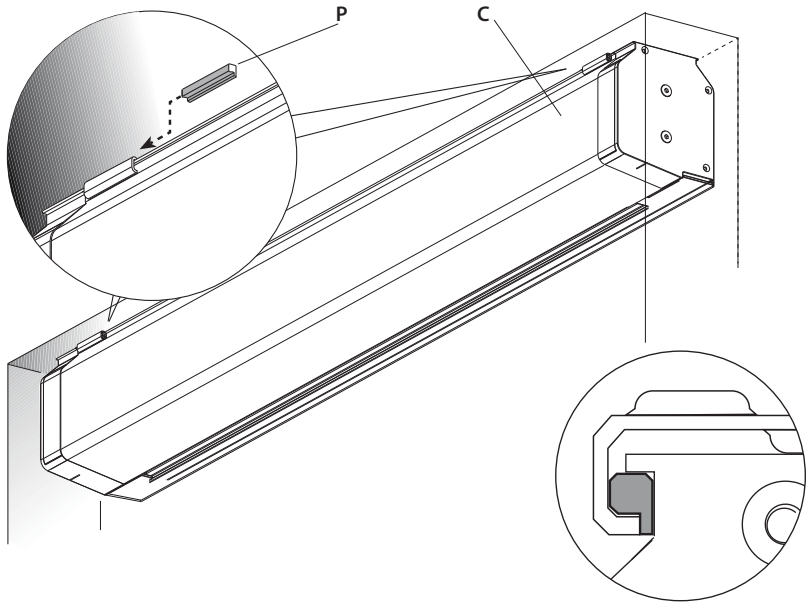


fig. 4

- Once the cassette is inserted, press tightly the supplied nylon pins (**P**) to stabilise the fixing.

Pay attention to the sense of insertion.

Positioning support plates

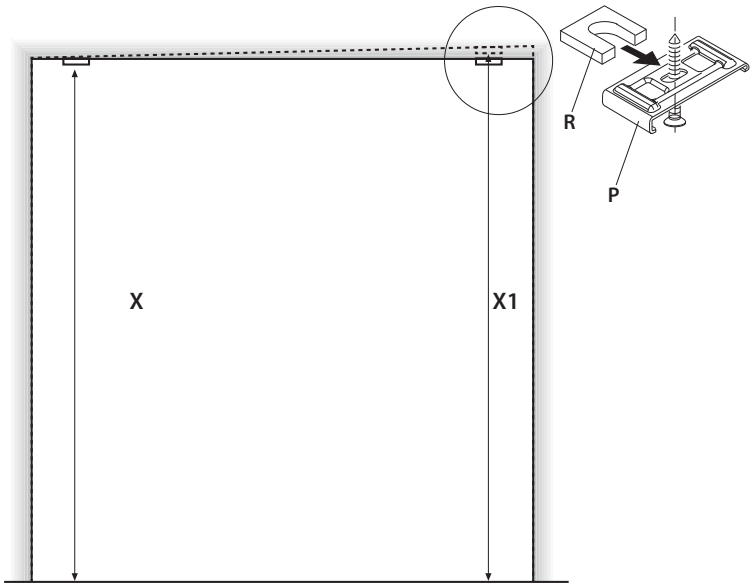


fig. 5

ATTENTION • CASSETTE COMPENSATION

Before fastening the plates (**P**), it is essential to check that the top part (box support) is horizontal.
If there is a difference between **X** and **X1**, insert the special plastic washers (**R**) provided between the ceiling and the plate to compensate until it is horizontal.

Horizontality is the optimal condition for enabling the terminal lock to work properly.

Check the parallelism and compensation

Check the alignment

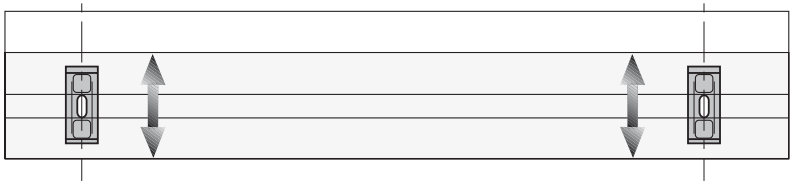


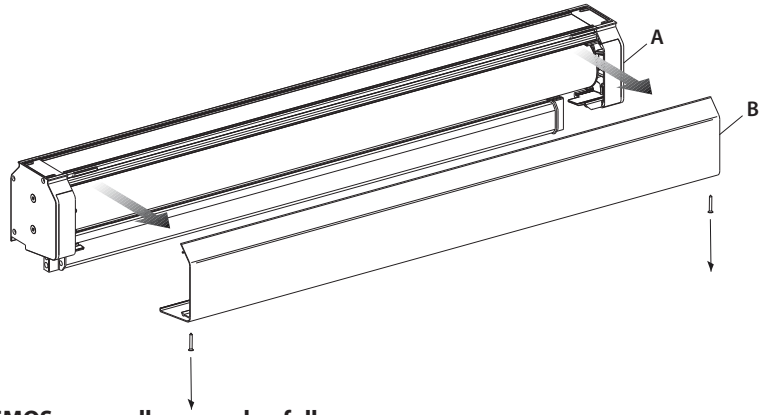
fig. 6

• Carefully check the alignment of the support plates before finally fixing them.
• Finally fix them.

Check the alignment

Note:
The function of the support plates is to support the cassette before mounting the lateral guides.

2 WALL BOX



To install ANEMOS on a wall, proceed as follows:

fig.7
- Open box (**A**) by removing the cover (**B**)

N.B.: remember to unscrew the screws

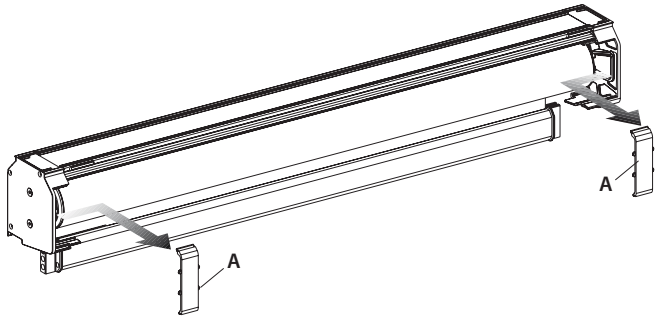


fig. 8
- Remove the two covers (**A**) by sliding them slightly inwards and take them out.

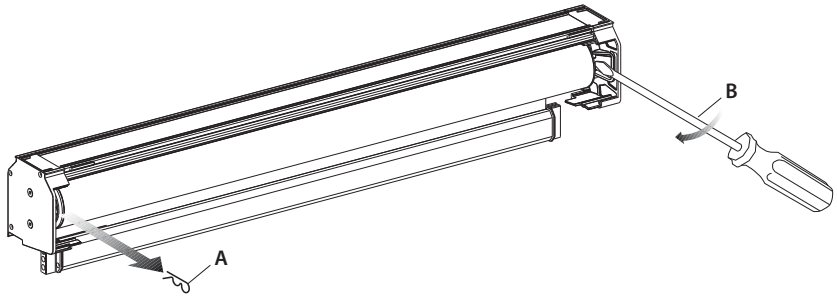


fig.9
- On the motor side, take out the cotter pin (**A**) not present on the model with manual drive
- Support the roller
- On the opposite side, apply slight pressure with a screwdriver to release the coupling (**B**)

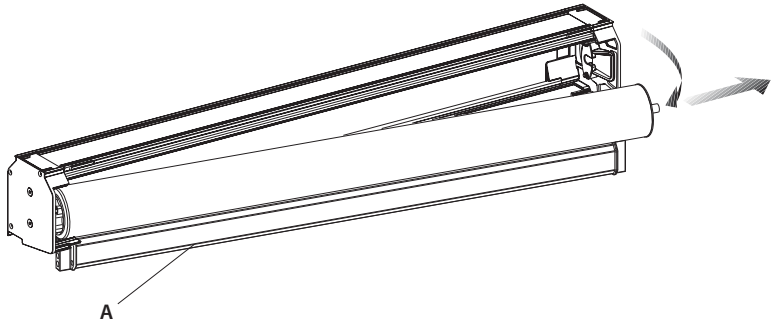


fig. 10
- Take out the canvas roller (**A**)

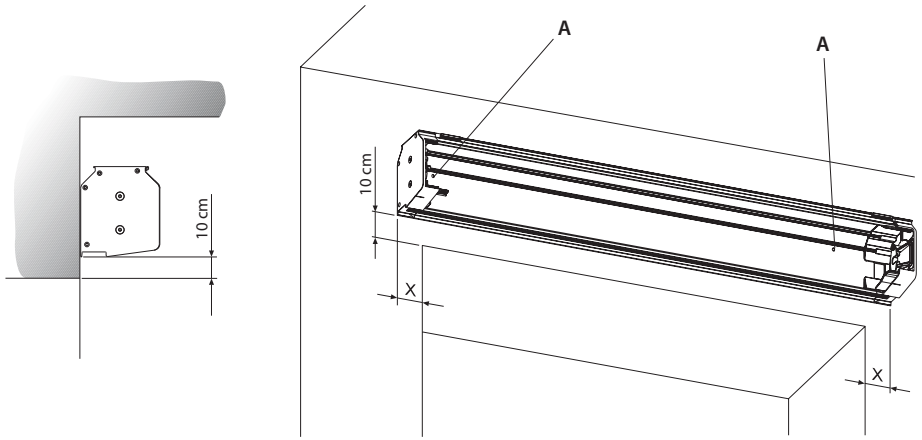


fig.11

- Rest the ANEMOS box on the wall, centring it in position.
- From the lower edge of the cassette, measure 10 cm to the lower edge of the beam.
- Mark out on the wall the position of the 4 or 6 holes in the box (**A**).
- Remove the box, drill the wall using a drill bit suitable for the type of fixture envisaged (wood, wall, metal etc.).

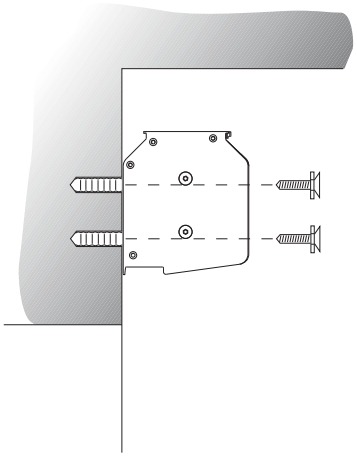


fig.12

- Insert the plugs (if foreseen) in the drilled holes and fix the cassette with the supplied countersunk screws and washers.

3 BOX SAFETY SCREWS

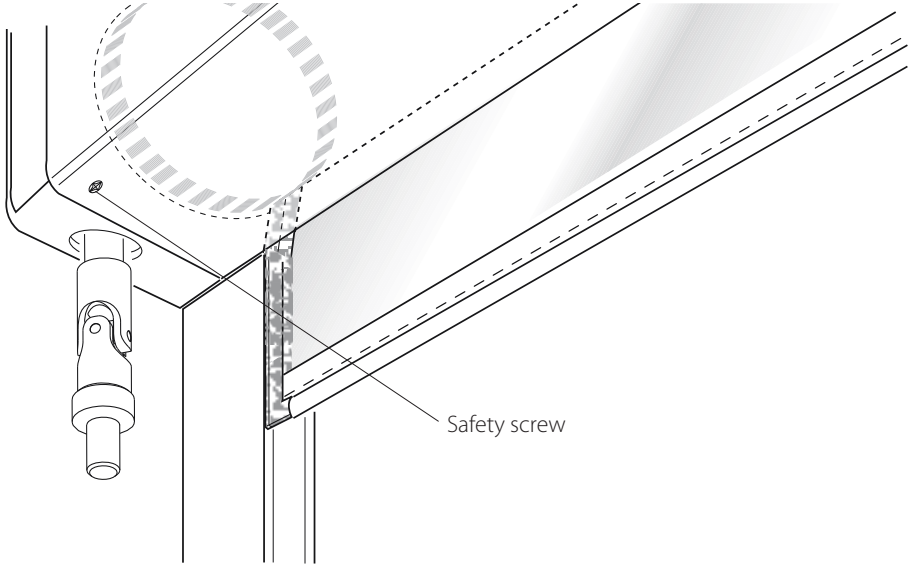


fig.13
Safety screw if ANEMOS higher than 260 cm.

Position the guides to mark the holes

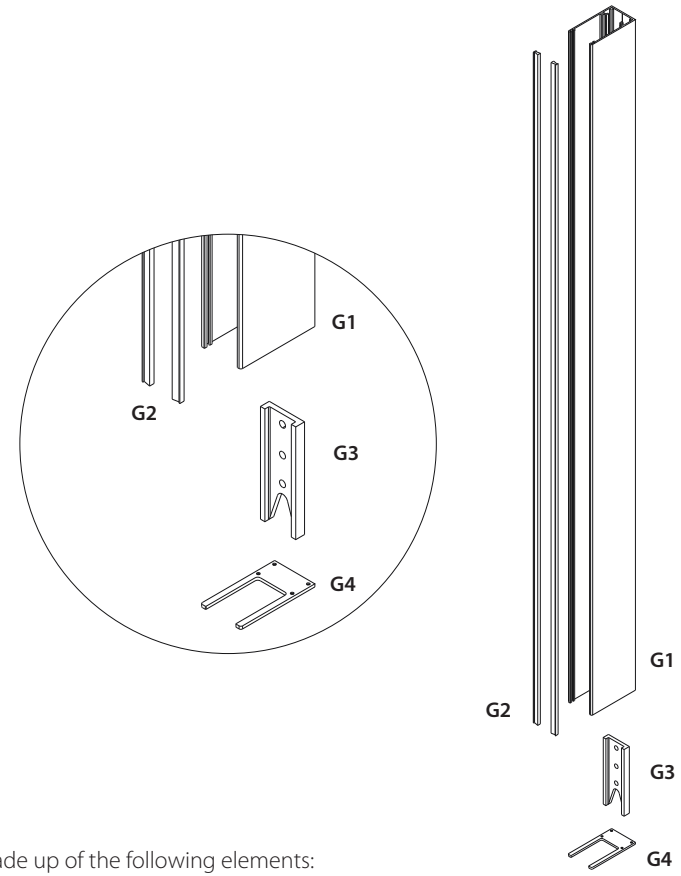


fig. 14

The guides are made up of the following elements:

- guide (**G1**), pre-drilled in 3 positions for vertical fastening.
- two brushes (**G2**)
- stop for lower locking (**G3**)
- foot (**G4**)

- Position the RIGHT and LEFT guides (**G1**) under the box to mark out the drill holes.

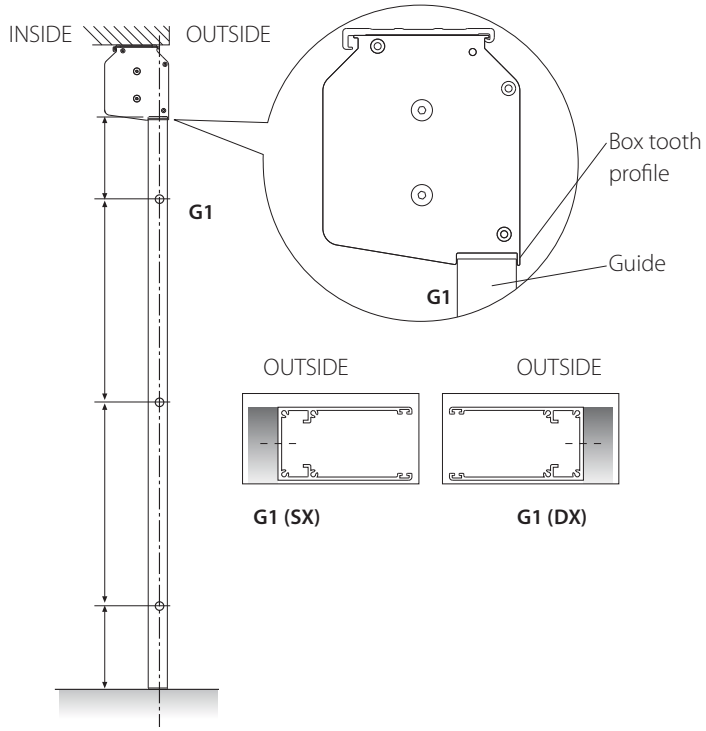


fig. 15

Attention:
the vertical guides should be rested under the box against the outer wall.

- When the tracing is completed, remove the guides, drill with a drill bit suitable to the type of fixing (wood, wall, metal etc.), insert the plugs, if envisaged.
- Remount the guides as already described but do not fix completely.

Attention: read the following notes carefully.

5 LAYING GUIDES WITH WALL BOX

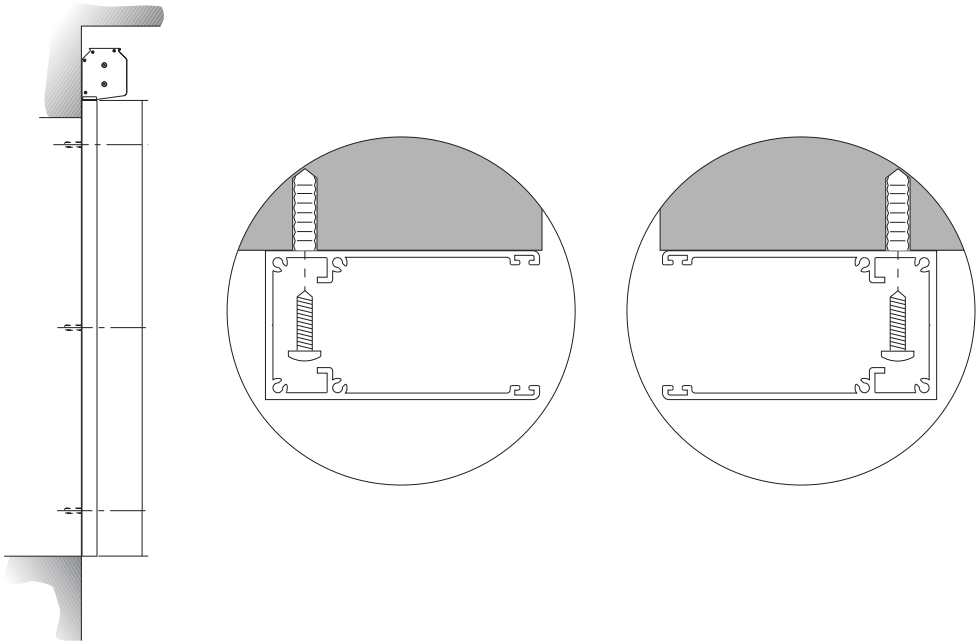


fig. 16

Attention:
the vertical guides should be rested under the box against the outer wall.

- When the tracing is completed, remove the guides, drill with a drill bit suitable to the type of fixing (on wood, wall or metal), insert the plugs, if envisaged.
- Remount the guides as already described but do not fix completely.

Attention: read the following notes carefully.

Check the parallelism, perpendicularity, and the square of the lateral guides.

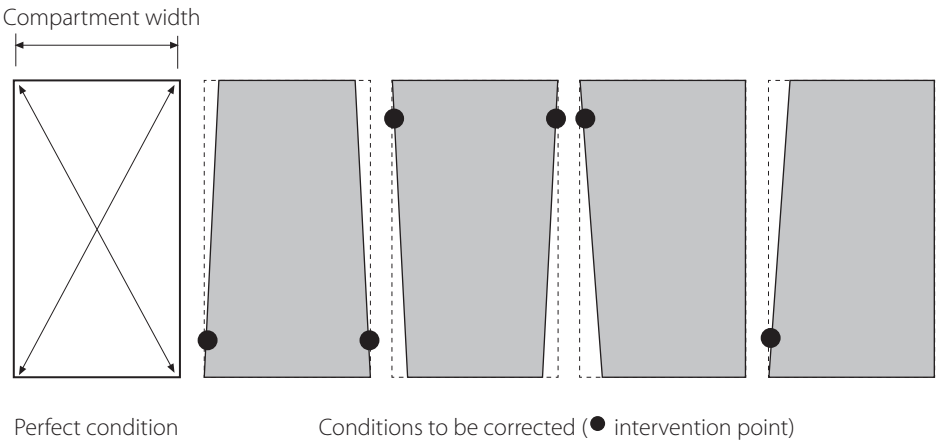


fig. 17

WARNING • GUIDES OFFSET

Before the final fixing of the left and right fixed guides G1, it is essential that their parallelism, perpendicularity and square respect to the cassette are checked.

The respect of these checks ensures the ideal condition for perfect sliding of the awning during opening and closing.

The figure highlights the possible problems that could arise.

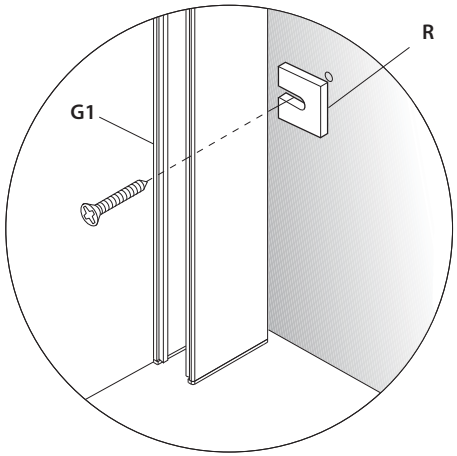


fig. 18

If necessary, correct any problems by using the special plastic washers (R) provided, which should be inserted between the surface and the guide (G1), at the point to be offset up or down until the correction has been made.

Note: any spaces created between the guide and the vertical support will be covered by the closing gasket.

- Finally fix the guides.

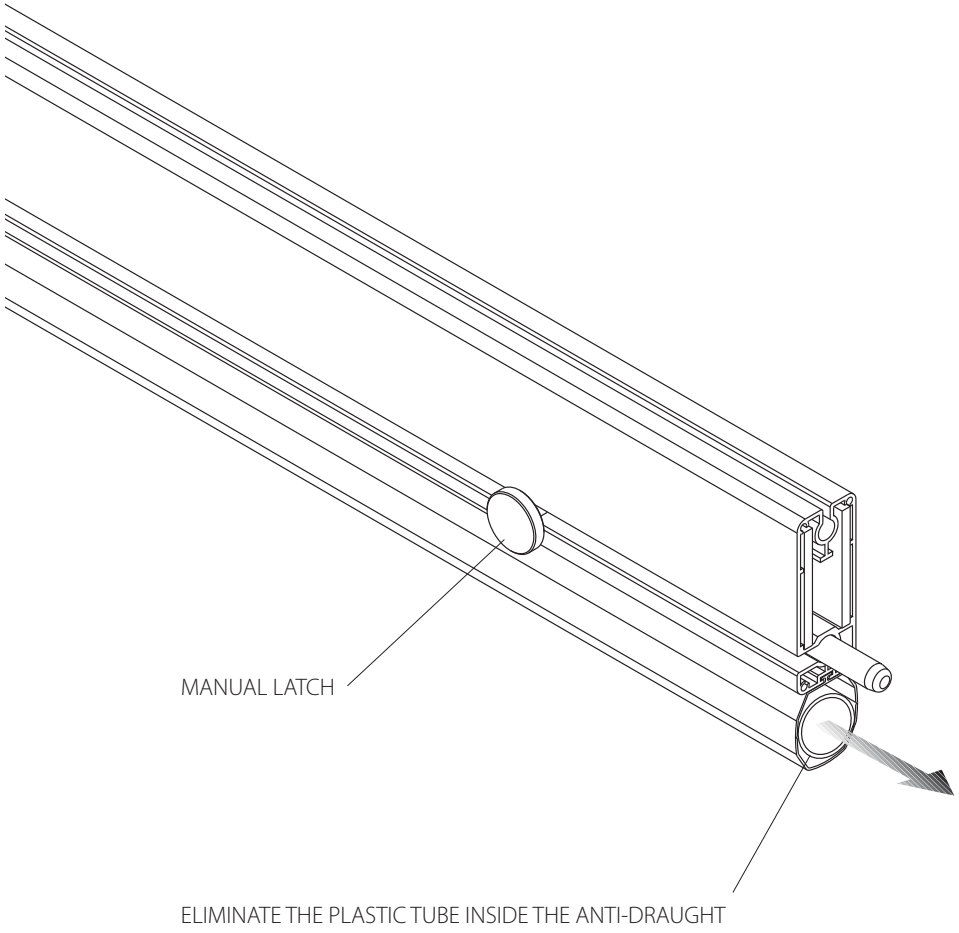


fig. 19-a
Version with manual latches.

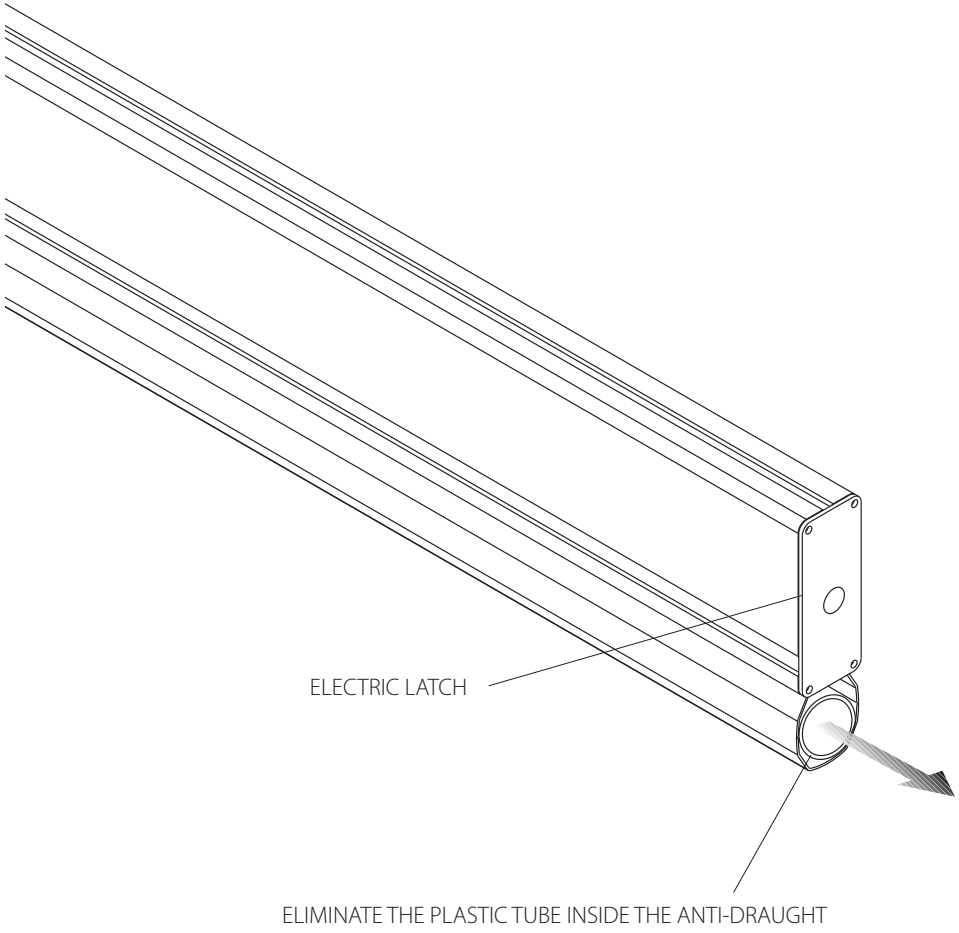


fig. 19-b
Version with electric latches.

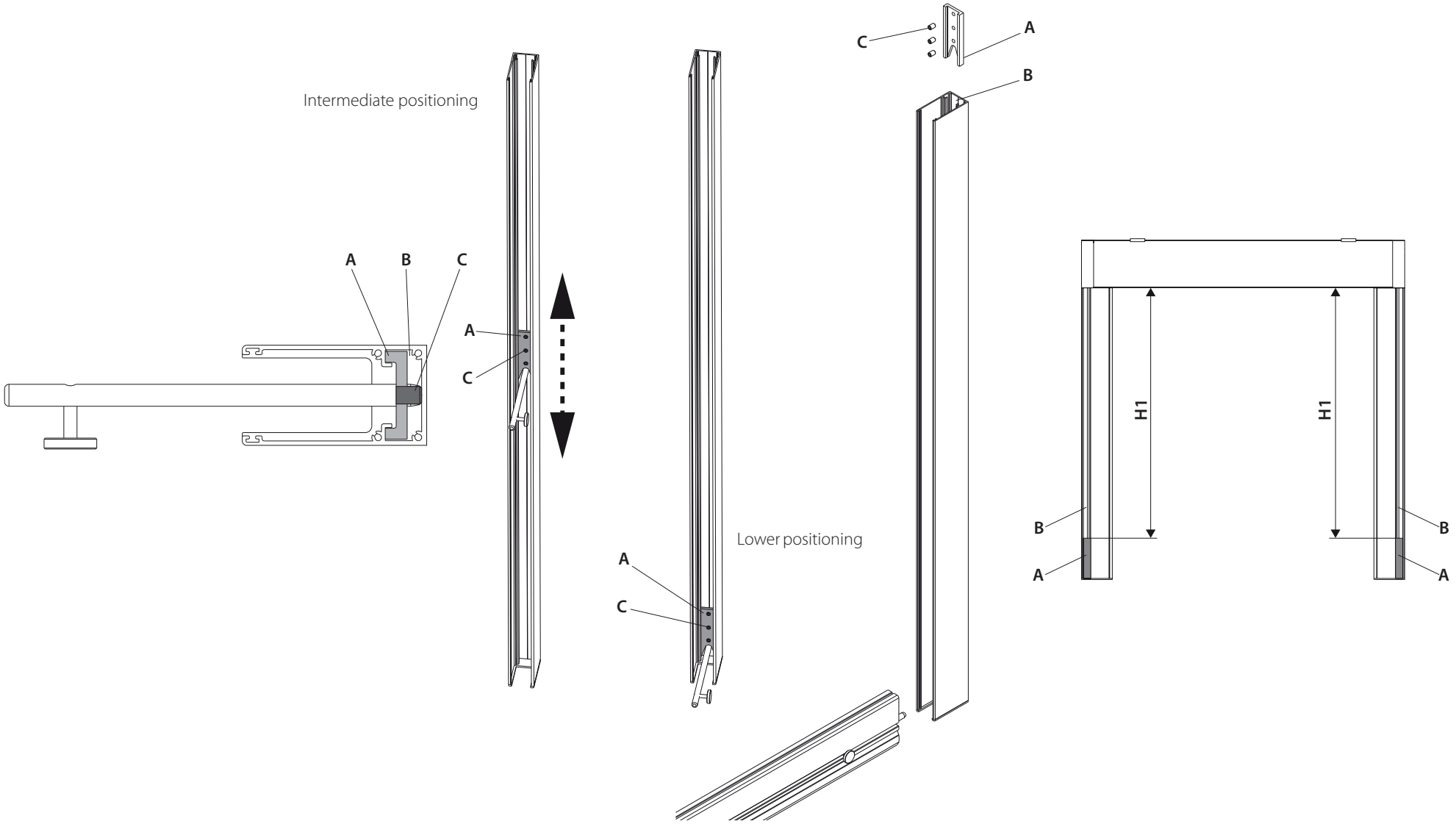


fig. 20

Insert the locking elements (**A**) into the relative housing on the vertical guides (**B**).
Position the locking elements (**A**) at the required height (H1 equal for RIGHT and LEFT guides).
Stop the locking elements (**A**) with dowels (**C**).

8 - INSERTING TERMINAL INTO CANVAS

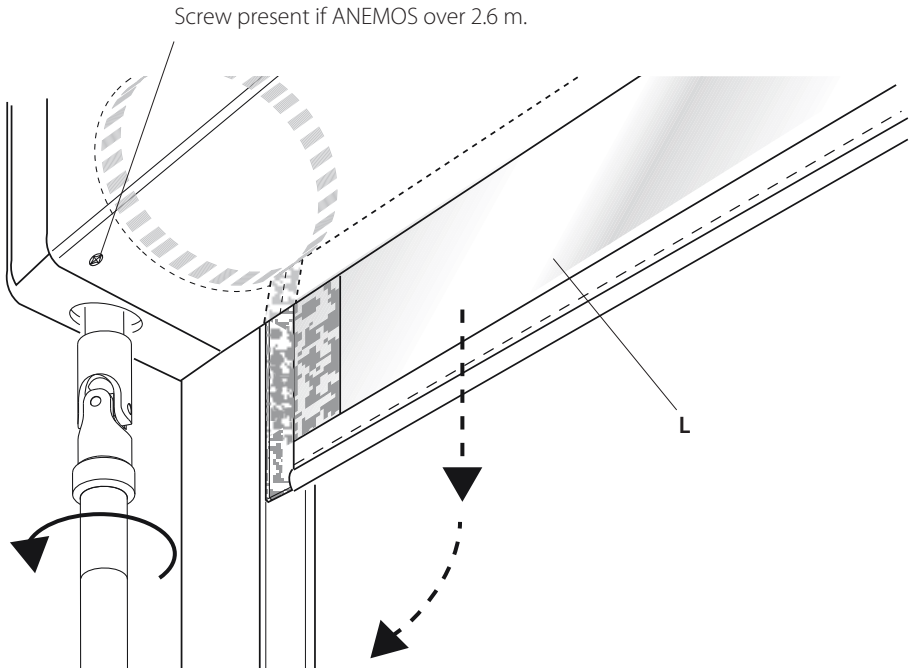


fig.21
Manual drive model

- Use the handle to lower the canvas.
- Take care that the canvas (**L**) lowers by approximately 50/60 cm, enabling the end to be taken out from inside the guides.
- Insert the terminal (**T**) in the canvas (**L**) sliding it into the housing and then fasten with the screws provided.

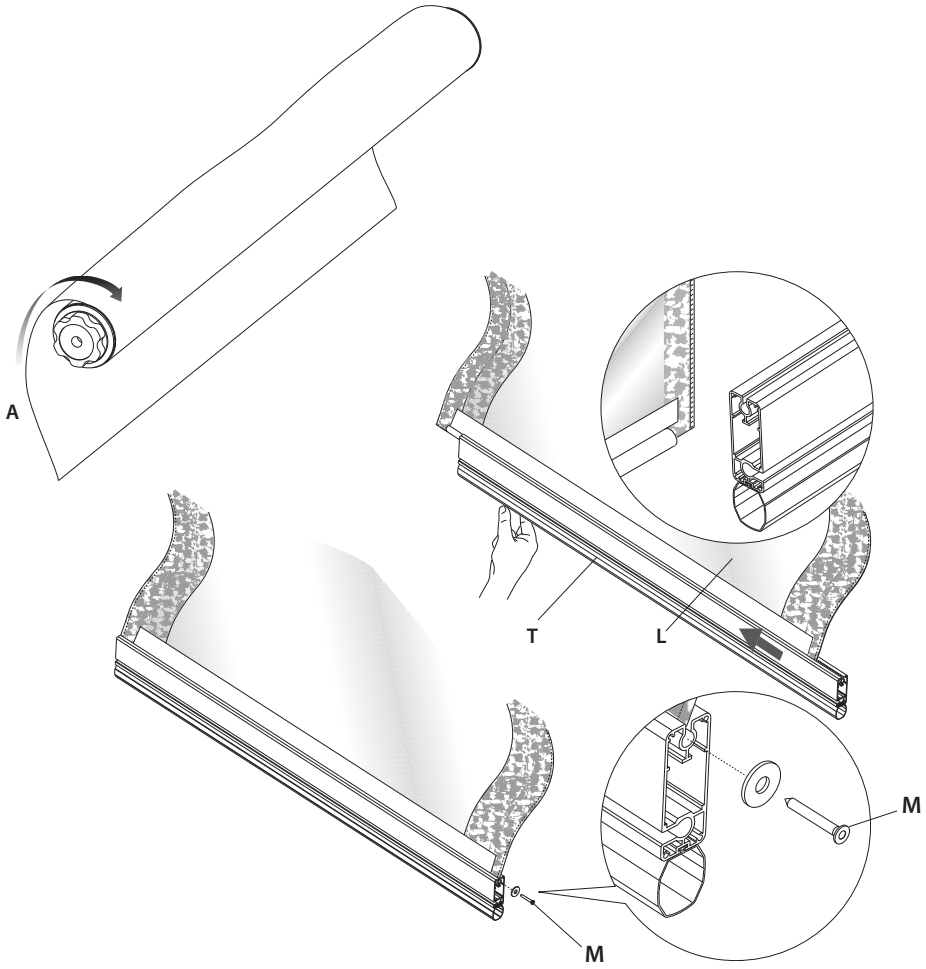


fig.22
Electrical control model

- Open the box by removing the cover.
- Manually unwind the canvas (**A**).
- Take care that the canvas (**L**) lowers by approximately 50/60 cm, enabling the end to be taken out from inside the guides.
- Insert terminal (**T**) in canvas (**L**), sliding it into the housing and then fasten it with screws (**M**).

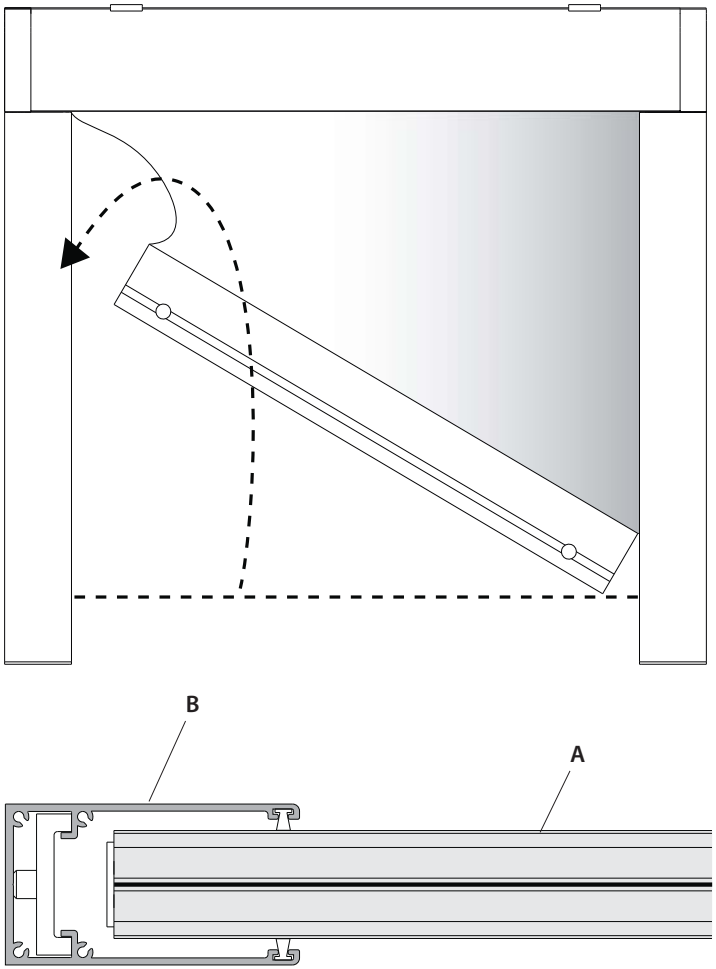


fig.23
Insert terminal (**A**) into the inner housing of side guides (**B**), taking care not to tension or tear the canvas.

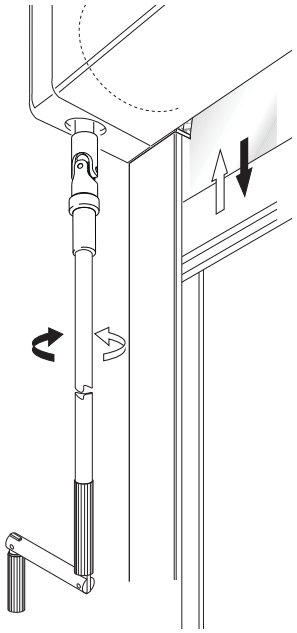


fig.24
MANUAL OPERATION
For ANEMOS manual model.

Use the supplied winding handle to lift or lower the awning.
It should be inserted in the coupling protruding at the top and then turned (see figure).

11 AWNING MANUAL DESCENT - ASCENT PROCEDURE

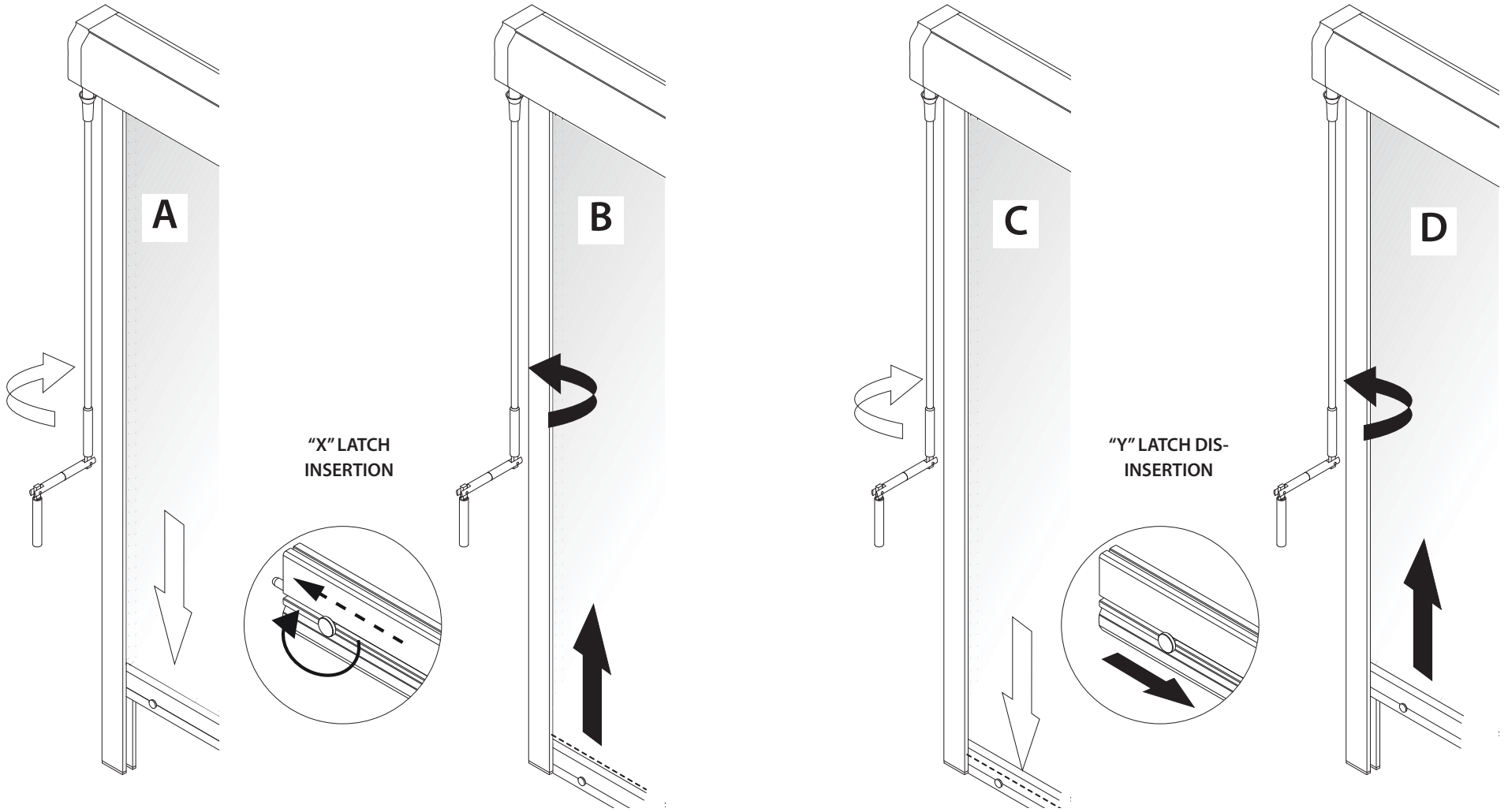


fig.25 Manual operation

- Adjusting the motor limit stops: lower limit stop = few cm below guide locks.
- (**A**) Run the motor in descent until the terminal reaches the lower limit stop; move the latches across against the guides and lock them by tightening the knobs slightly (callout X).
- (**B**) Press the up button: the motor stops automatically at the suitable tension.
- (**C**) To release the awning, press the descent button to loosen the canvas; dis-insert the latches by moving them away from the guides (Callout Y).
- (**D**) Press the up button to wind up the awning.

In the version with electric latches, operations X - B - C - Y are carried out automatically.

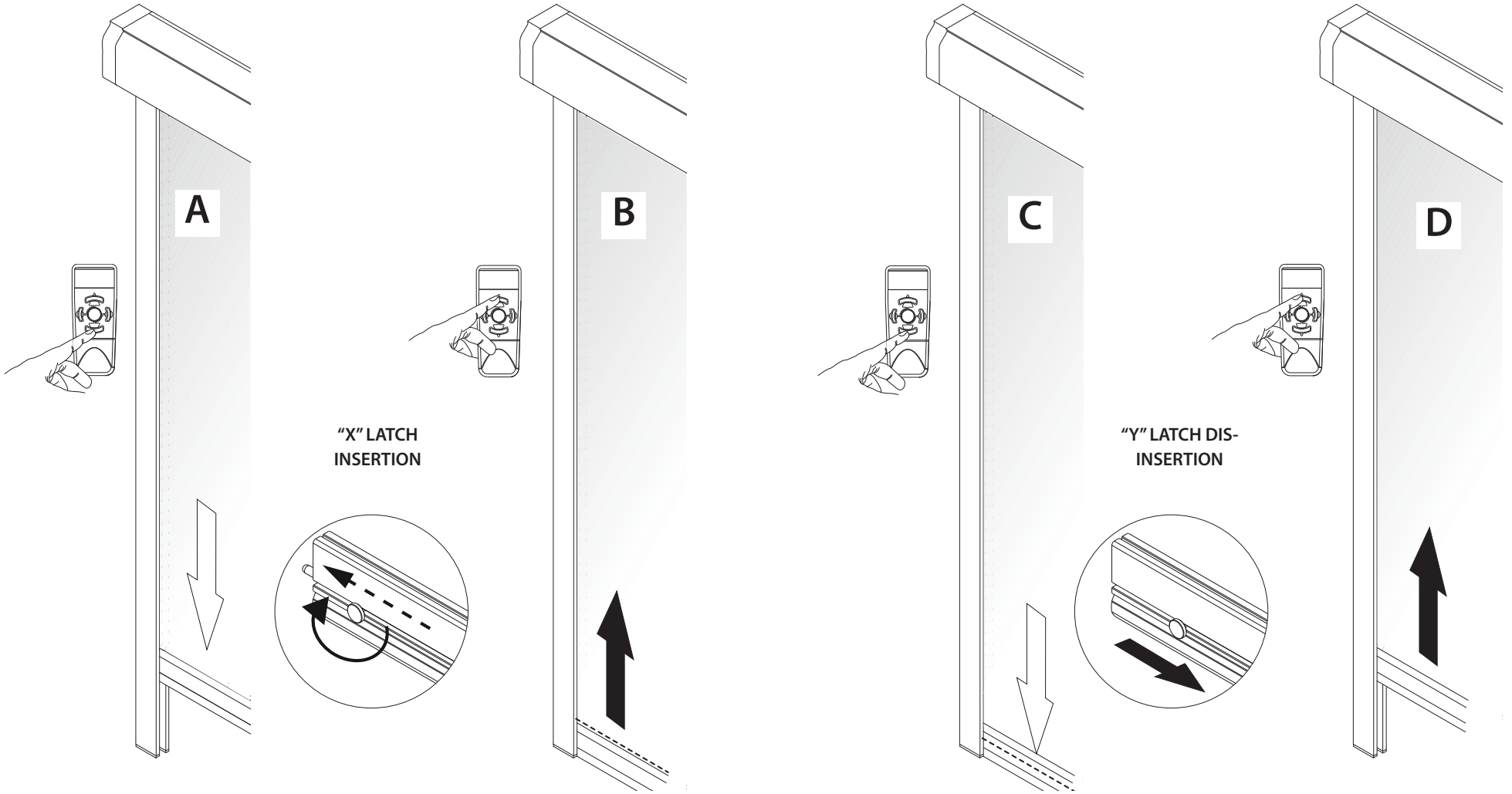


fig.26 Electric canvas operation/manual latch operation

- Adjusting the motor limit stops: lower limit stop = few cm below guide locks.
- (**A**) Run the motor in descent until the terminal reaches the lower limit stop; move the latches across against the guides and lock them by tightening the knobs slightly (callout X).
- (**B**) Press the up button: the motor stops automatically at the suitable tension.
- (**C**) To release the awning, press the descent button to loosen the canvas; dis-insert the latches by moving them away from the guides (Callout Y).
- (**D**) Press the up button to wind up the awning.

In the version with electric latches, operations X - B - C - Y are carried out automatically.

12 CHANGING THE CANVAS

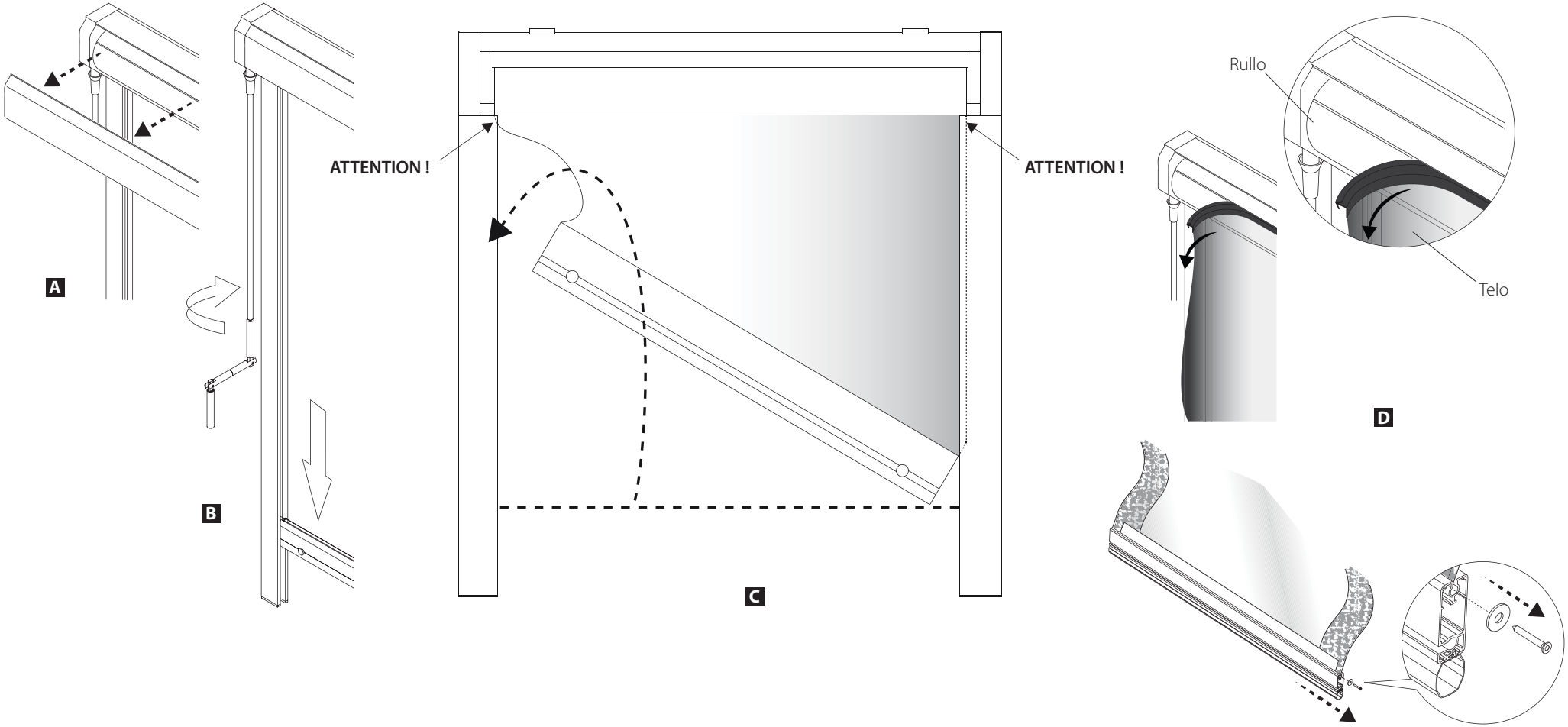


fig.27

- (**A**) Open the box.
- (**B**) Open the awning until the canvas is completely loosened (wind-up device roller "uncovered" by the canvas).
- (**C**) Lift the terminal at one end, taking it out of the guides together with the canvas: take care not to tear the canvas at the top where it inserts into the guides.
- (**D**) Remove the canvas from the roller by simply pulling on the profile, then remove it from the terminal after having removed the side screws.
- Install the new canvas by carrying out the above operations in reverse order.

13 FASTENING THE BOX WITH SIDE FITTINGS

N.B.: This type of installation is only possible up to a width of 3.5 m and a height of 2.5 m; beyond those dimensions, a ceiling or wall box must be installed with multiple fastening points.

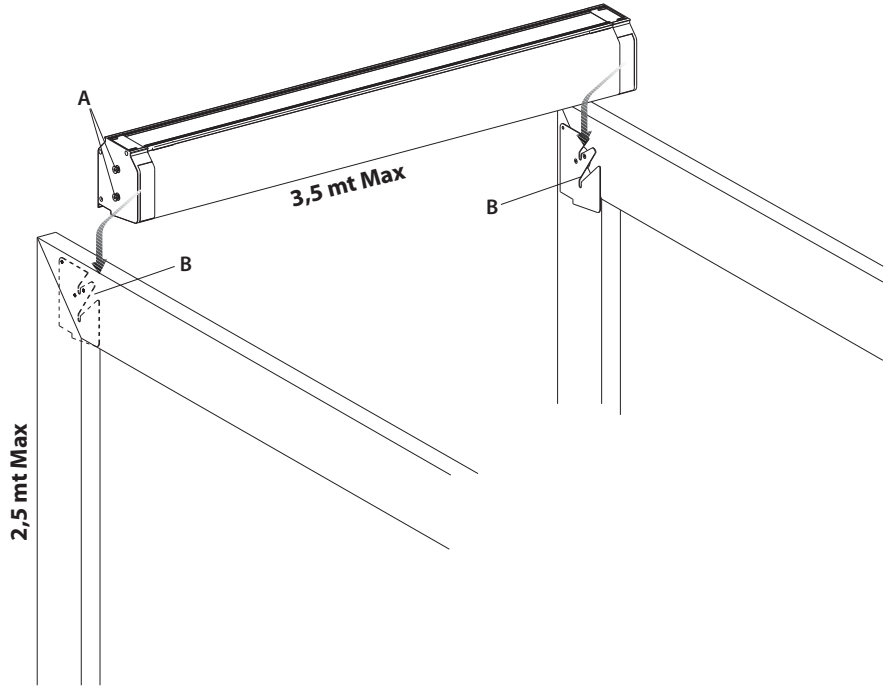


fig.28

- Insert the box by sliding the four pins (**A**) into the grooves on the plates (**B**) until they are fully inserted.
- Check the stability of the cassette.

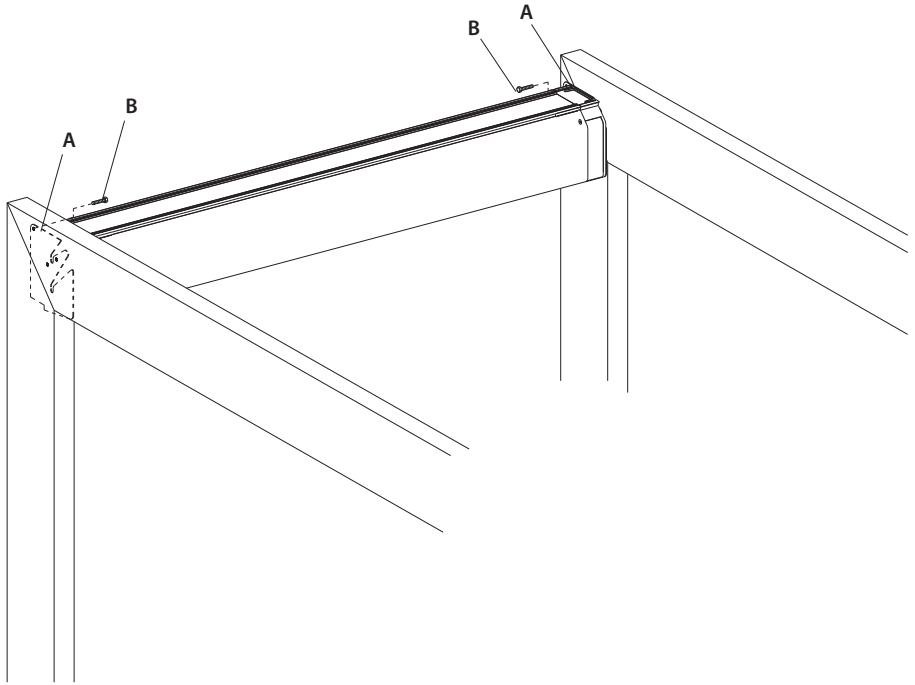


fig.29

- Drill the upright pillar in correspondence with the front hole on the two plates (**A**) and tighten a hexagonal head self-tapping screw (**B**), which will secure the box in position to prevent any accidental movements.

ELECTRICAL CONNECTIONS

1. WARNINGS

This sheet gives important information on safe installation and use.
Comply with the instructions and store them carefully for future reference.
The VENUS HOOK motor is specifically designed to handle the ANEMOS product. Any other use is improper and forbidden.

MOTOR-DRIVEN ANEMOS

After having installed the ANEMOS frame, proceed as follows before running the motor:
1. Check the electrical system is earthed.
2. Size the electrical system based on the input of the motors to be installed.
3. Ensure the motor has an earth connection; do not run the motor if it is not earthed.
4. Insulate any unused cables (grey-black cable for button controls).

Once the motor is connected to the power line, before starting the programming procedure outlined in the laying manual, open the canvas all the way to the ground using the remote control and, only then, return the terminal to intermediate position (central).
It is then possible to start the motor programming procedure outlined in the laying manual.
All motors are tested and, if applied correctly, this additional note to the laying procedure will guarantee correct operation of the ANEMOS motors. On the other hand, failure to apply or incorrect application of the procedure relieves Corradi SpA of any liability for motor malfunctions.

2. TECHNICAL FEATURES

(at a temperature of 20°C)

- Motor data: see label affixed to the motor
- Radio frequency: 433.92 MHz
- max transmitters stored: up to 40
- Range (estimated): 200 m in open ground, 20 m inside buildings

3. IMPORTANT NOTES ON RADIO SYSTEMS

- It is not advisable to use radio systems in areas with strong interference (e.g. near police stations, airports, banks, hospitals etc.).
- A technical inspection should be carried out prior to installing any radio system to identify any sources of interference.
- Radio systems can be used solely where any disturbance or malfunction of the transmitter or receiver does not constitute a risk factor, or if such risk factor is cancelled out by appropriate safety systems.
- The presence of radio devices operating at the same transmission frequency (e.g. alarms and radio headphones) can interfere with the radio receiver of the control unit, reducing the range of the transmitters and limiting the full capacity of the system, and thus reducing system performance

4. IMPORTANT NOTE FOR MOTOR PROGRAMMING (first installation)

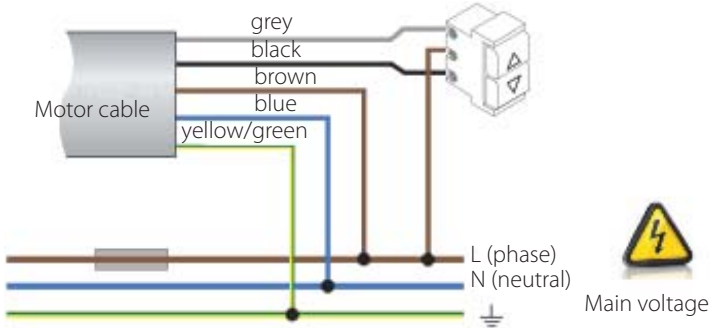
Before programming the motor, deactivate the canvas locking system on both sides of the ANEMOS (Fig. 01), to enable the motor to identify the limit switch during the initial activation.

ELECTRICAL CONNECTIONS (FIG. 02)

The product must be installed by a qualified technician who can respect all the regulations and laws in force on the territory.

- Make the connections with the power supply disconnected.
- Take care when operating on the product, and use suitable tools.
- The motor must be connected with the earth wire (yellow/green).
- Check that the electrical power supply line does not depend on circuits destined for illumination.
- The power supply line must be protected by a suitable thermo magnetic or differential cut-off switch.
- When using more than one radio device in the same system, the distance between them must not be less than 1.5 m.
- Do not install the product close to metallic surfaces.
- Do not modify or replace parts without the authorisation of the manufacturer.
- If the manual controls are not used, suitably insulate the black and grey conductors.
- The antenna cable is exposed to mains voltage. It is forbidden and dangerous to cut or tamper with the antenna cable in any way.
- For your own safety, it is forbidden to operate in proximity to the roller tube with the motor powered up.
- Ensure that the ANEMOS is installed in full compliance with the standard regulations.
- Friction against the normal opening and closing of the canvas can strongly limit system performance.

Connection wiring diagram



4.1 Power supply

The motor must be powered at 230 Vac and 50 Hz frequency.
The mains voltage must be applied to the **brown** and **blue** wires (Fig. 02)

4.2 Connecting the control buttons

The manual control buttons must be connected to the **grey** and **black** wires; the contacts must close on the **brown** wire. The control buttons must be switches with unstable positions. To apply an ascent or descent command, press the button for at least 0.5 sec; to lock the manoeuvre press any one of the control buttons briefly.
More control buttons can be connected to one another through a parallel connection.
The control buttons are subjected to mains voltage and must therefore be suitably insulated and protected.

5. CHANGING THE CANVAS

Warning: If changing the canvas, it is STRICTLY FORBIDDEN to leave the motor coupled to the support bracket (Fig. 3).

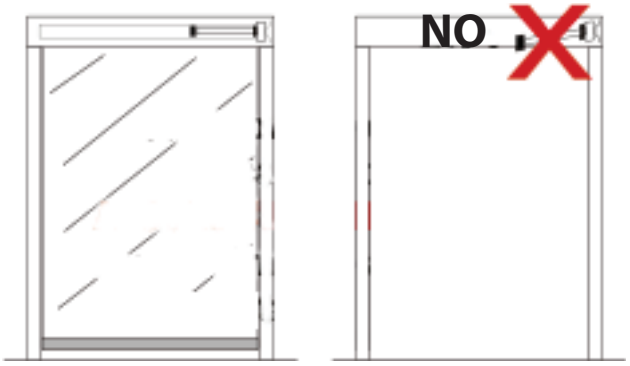
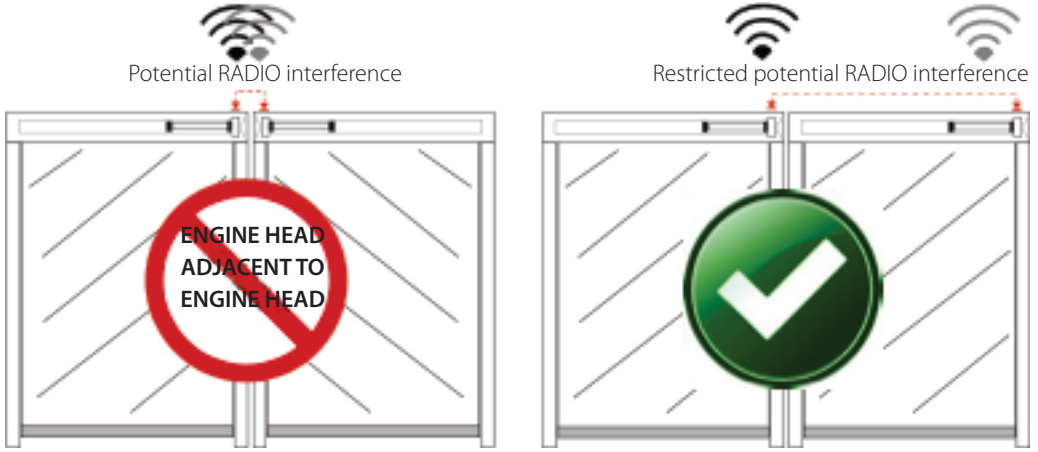
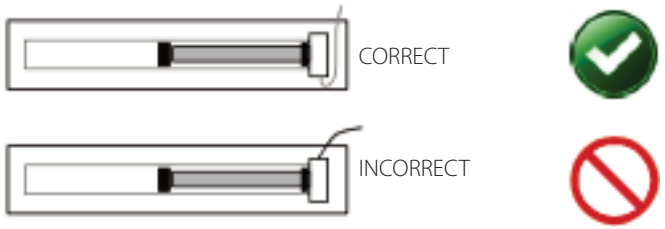


Fig. 03

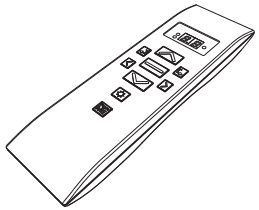


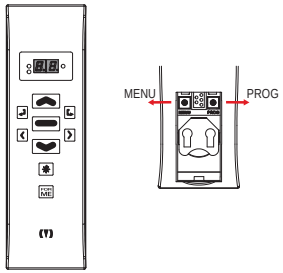
POWER CABLE OUTLET TO AVOID WATER INFILTRATION



MOTOR LIMIT SWITCH PROGRAMMING PROCEDURE

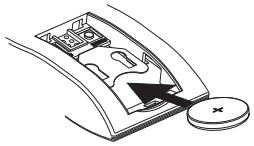
8 ARCO RADIO CONTROL





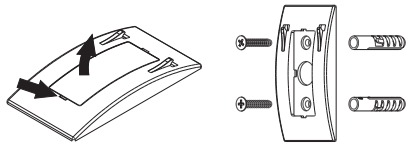
inserting/replacing the battery

The transmitter is powered by a Cr2032 battery. To insert the battery, remove the battery plate on the back of the transmitter, insert the battery, ensuring the polarity is correct, and close the plate. Using batteries other than those envisaged can cause a risk of explosion. Flat batteries must be disposed of in appropriate containers. It is advisable to replace the battery every 2 years.



Fastening the wall support

Using a screwdriver, remove the central cover from the support. Fasten the support to the wall using the anchors provided (36 mm space between holes). Re-insert the cover.



Technical features

- Power supply: 1 CR2032 battery
- Dimensions: 42x140x16 mm
- Weight: 50 g
- Operating temperature: from -20 to +55°C
- Radio frequency: 433.42 MHz
- ARCO5 radio channels: 5 + sequencer
- ARCO10 radio channels: 10 + sequencer
- ARCO20 radio channels: 20 + 4 programmable units

Disposal

At the end of the product's life cycle, it must be disposed of according to local regulations.
This product may contain substances harmful for the environment or human health and must be disposed of separately from domestic waste.

Notes on radio systems

It is not advisable to use radio systems in areas with strong interference (e.g. near police stations, airports, banks, hospitals etc.).
A technical inspection is recommended prior to installing any radio system to identify any sources of interference.
Radio systems can be used where any disturbance or malfunction of the transmitter or receiver does not constitute a risk factor, or if such risk factor is cancelled out by appropriate safety systems.
The presence of radio devices operating at the same transmission frequency (433.42 MHz) can interfere with the radio receiver, reducing system capacity and limiting system operability.

Basic functions

ascent

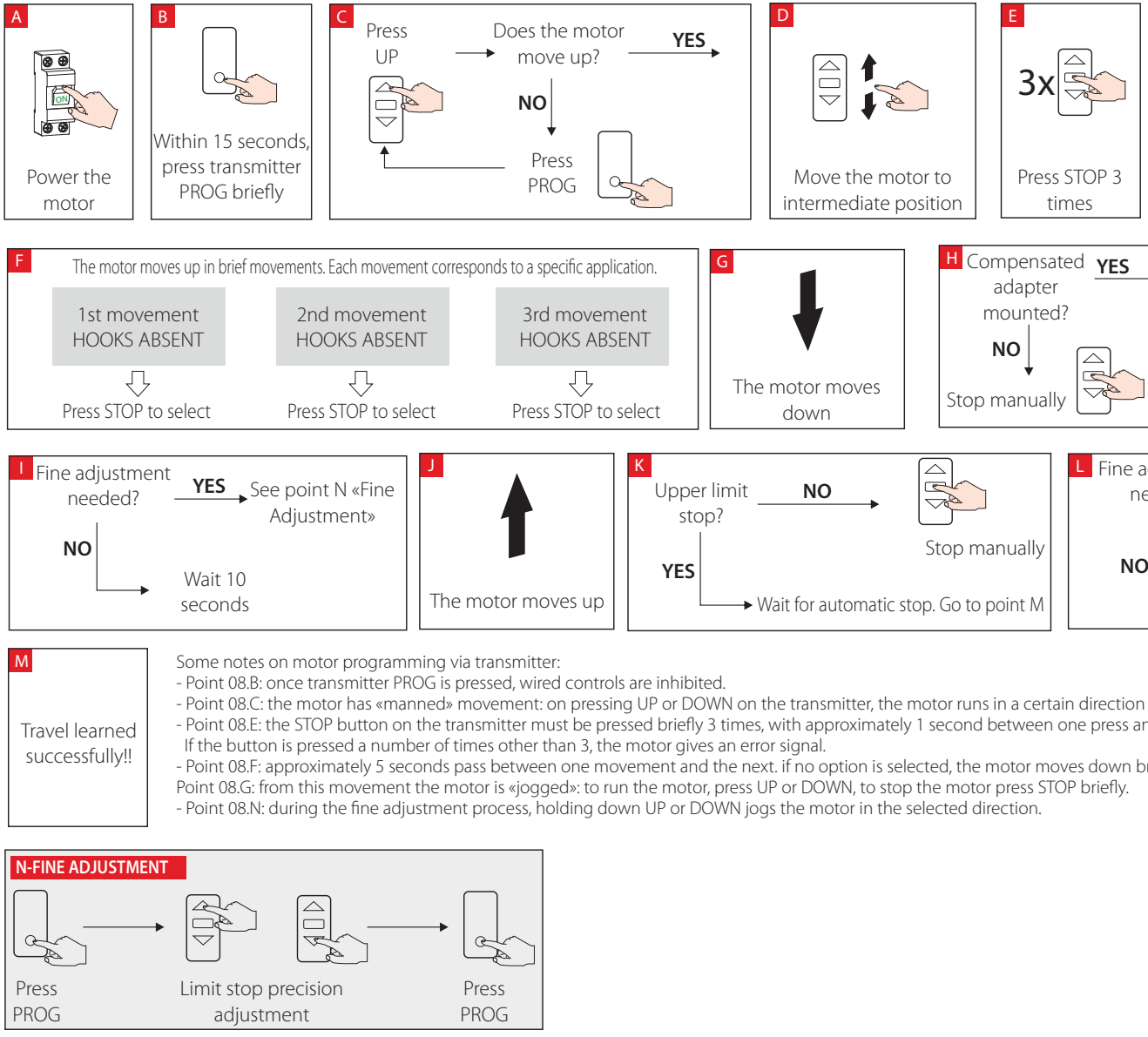
Stop

descent

Prev channel
Next channel

MOTOR INSTALLATION VIA TRANSMITTER

This motor is compatible with ARCO, FLUTE transmitters and equivalent.
Before beginning the programming procedure, read the transmitter instruction manual and identify the UP, STOP, DOWN, PROG required for programming the motor.
The following description includes a very generic representation of the transmitter.



Some notes on motor programming via transmitter:
- Point 08.B: once transmitter PROG is pressed, wired controls are inhibited.
- Point 08.C: the motor has «manned» movement: on pressing UP or DOWN on the transmitter, the motor runs in a certain direction until the button is released.
- Point 08.E: the STOP button on the transmitter must be pressed briefly 3 times, with approximately 1 second between one press and the next.
  If the button is pressed a number of times other than 3, the motor gives an error signal.
- Point 08.F: approximately 5 seconds pass between one movement and the next. if no option is selected, the motor moves down briefly. In this case repeat point 08.E.

Point 08.G: from this movement the motor is «jogged»: to run the motor, press UP or DOWN, to stop the motor press STOP briefly.
- Point 08.N: during the fine adjustment process, holding down UP or DOWN jogs the motor in the selected direction.

MOTOR LIMIT SWITCH PROGRAMMING PROCEDURE

Modification of function 09 - LIFTING TORQUE REDUCTION

Modification of function 09 - LIFTING TORQUE REDUCTION

01.Select the correct radio channel and move the motor to intermediate position.

02.Press MENU for approximately 5 seconds. "rS" appears on the display.

03.Press NEXT 9 times. 09 appears on the display.

04.Press STOP once. The receiver signals the current value(*).

05.Use PREV and NEXT to set the new value(**).

06.Press STOP once. The receiver signals the new value.

(*) only if the receiver envisages the modification and the signal of parameter «torque reduction».

Example: if the value of the parameter is 3: 3 brief movements.

(**) See the receiver manual for the range of admitted values.

Example: to set the parameter to 3: (0 times PREV) - 3 times NEXT.

TORQUE REDUCTION (TRO)	
Number Movements	Setting
1	calculated torque (minimum)
2	medium low torque
3	medium torque
4	medium high torque
5	high torque
6	maximum torque

Modification of function 14 - TENSIONING

01.Select the correct radio channel and move the motor to intermediate position.

02.Press MENU for approximately 5 seconds. "rS" appears on the display.

03.Press PREV once and NEXT 1 times. 4 appears on the display.

04.Press STOP once. The receiver signals the current value(*).

05.Press NEXT to select the tension value - see table (it appears on the display).

06.Press STOP once. The motor signals the new value with no. of movements.

07.Press STOP once to confirm.

TRACTION ON HOOKS	
Number Movements	Setting
1	minimum
2	medium
3	high
4	maximum

Modification of function 11 - CANVAS RELEASE

01.Select the correct radio channel and move the motor to intermediate position.

02.Press MENU for approximately 5 seconds. "rS" appears on the display.

03.Press PREV once and NEXT once. 1 appears on the display.

04.Press STOP once. The receiver signals the current value(*).

05.Use PREV and NEXT to set the new value(**).

06.Press STOP once. The receiver signals the new value.

(*) only if the receiver envisages the modification and the signal of parameter «canvas release».

Example: if the value of the parameter is 2: 2 brief movements.

(**) See the receiver manual for the range of admitted values.

Example: to set the parameter to 2: (0 times PREV) - 2 times NEXT.

AUTOZERO MODE	
Number Movements	Setting
1	autozero without release
2	autozero with release
3	autozero with release every 30 lift manoeuvres

Modification of function 13 - DESCENT OBSTACLE

01.Select the correct radio channel and move the motor to intermediate position.
02.Press MENU for approximately 5 seconds. "rS" appears on the display.
03.Press PREV once and NEXT 1 times. 3 appears on the display.
04.Press STOP once. The receiver signals the current value(*).
05.Use PREV and NEXT to set the new value(**).
06.Press STOP once. The receiver signals the new value.
(*) only if the receiver envisages the modification and the signal of parameter «descent obstacle».
Example: if the value of the parameter is 4: 4 brief movements.
(**) See the receiver manual for the range of admitted values.
Example: to set the parameter to 4: (0 times PREV) - 4 times NEXT.

DESCENT OBSTACLE (FOD)	
Number	Movements Setting
1	Function Inactive
2	Minimum sensitivity
3	Medium sensitivity
4	Maximum sensitivity

Use of function 29 - RESET RECEIVER

ATTENTION:
To carry out this procedure, use a channel stored SOLELY IN THE RECEIVER BEING RESET; if several devices are tuned to the same channel, power only the device being reset.
01.Select the channel tuned to the receiver being «reset».
02.Press MENU for approximately 5 seconds. "rS" appears on the display.
03.Press PREV 2 times and NEXT 9 times. 29 appears on the display.
04.Press STOP once. The receiver signals it is ready to be reset (through visual or audible signals, see receiver instruction manual); on the transmitter, all LEDs and segments of display flash for a few seconds
05. Press PREV and NEXT together until the receiver signals factory settings have been restored.
06. See the receiver instruction manual to install the receiver again.

Entering a new transmitter in the memory

- Move the motor to intermediate position so that the motor signal movements are visible.
- Press **PROG** on a portable stored transmitter for about 4 sec, until the motor makes 2 upward movements to signal "transmitters programming" mode.
- Within 8 sec, press **STOP** on the transmitter to be stored (if radio sensors are used, press the key indicated in the radio sensor instruction leaflet).

The motor memorises the code and signals the operation with a small upward movement.

IMPORTANT NOTE FOR THE INSTALLER

In some installations, the structure may go OUT OF SQUARE.
Under these circumstances the lower limit stop automatic learning procedure may not exactly meet the requirements of the installation (when the canvas is fully lowered the lower pad is partially squashed on one side and not against the ground on the other).
In this case the following steps are recommended:
- reduce the out of square to a minimum;
- repeat the stroke learning procedure, fixing the lower limit stop manually, as described in point 5.1 or 5.2 note 1; in particular, the lower limit stop should be fixed slightly higher than the motor's automatic stop point.

TROUBLESHOOTING

• The motor-reducer does not work •

Check:
- the wiring to the motor reducer
- the thermal cut-out (wait until the motor cools down)
- the compliance of the wires used (see wiring diagram)
- the remote control battery (if envisaged). If necessary, replace it with a battery of the same characteristics (see p. 4)
- the remote control is correctly stored in the motor
- the remote control is compatible (if not original CORRADI S.p.A.)
- absence of radio interference

• The awning closes first •

Check:
- limit switch adjustment (vedi pag. 53)

TROUBLESHOOTING

ATTENTION: safety warnings

Every intervention must be carried out by suitably trained personnel and all precautions must be taken to prevent accidental movements or electrical shocks.

Problem	Possible cause	Tests and remedies
The motor does not start when the command is given.	There is no mains supply.	Check the electric current.
The motor starts but the canvas does not move.		Contact the dealer.
The canvas moves in stops and starts.	The runners are dirty or are not correctly aligned.	Clean the runners.

Request of assistance
Requests for assistance should first be made directly to the retailer.
Only in case of necessity should you directly contact CORRADI S.p.A.

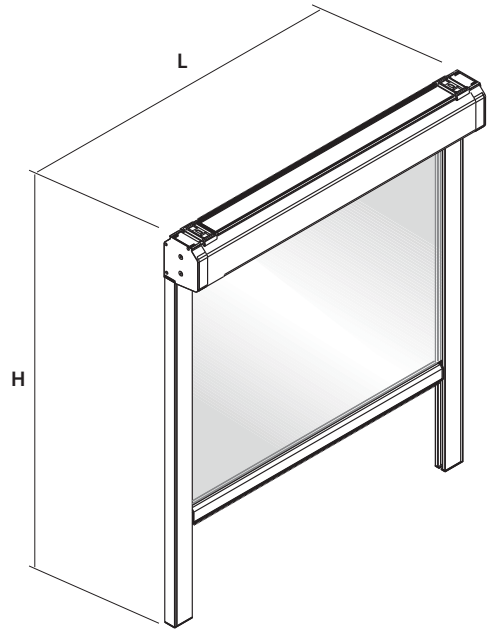


Table 1 - Effects of wind on ANEMOS								ANEMOS	
Width of the awning (cm)	100	150	200	250	300	350	400	450	500
Wind speed (km/h)	95.5	78	67.5	60.5	55	51	48	38	38
Value Beaufort scale	10	9	8	7	7	7	6	5	5
Wind resistance class (UNI EN 13561) h 300 cm	3	3	3	3	3	3	3	2	2
Wind resistance class (UNI EN 13561) h 350 cm	2	2	2	2	2	2	2	1	1

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