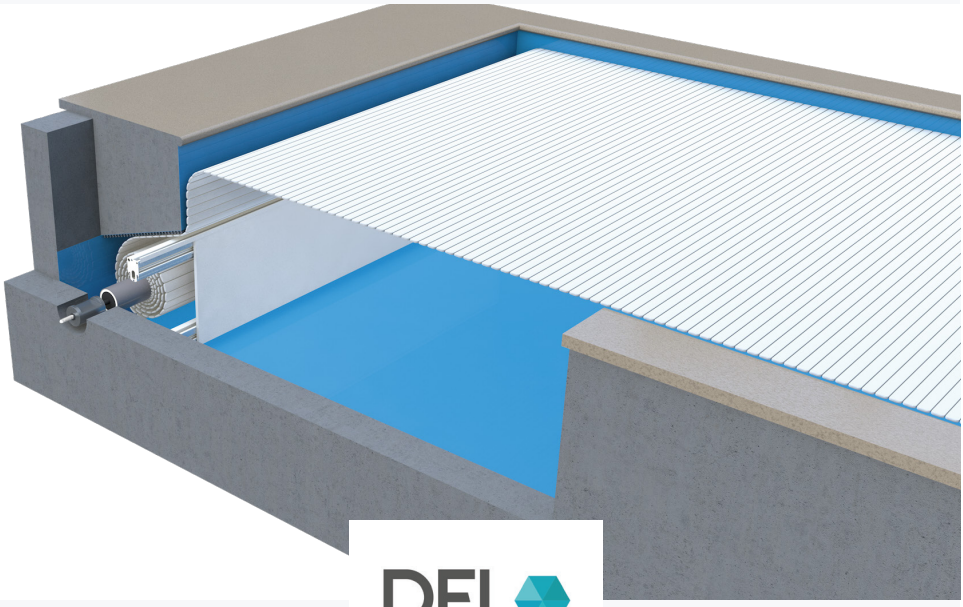
EN

INSTALLATION GUIDELINES

INSTALLATION/SERVICING/MAINTENANCE/SAFETY ADVICE



DEL

IN-GROUND POOL COVER

ROLLFIT TUBULAR SEALED VERSION

CONTENTS

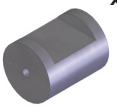
PLEASE READ THESE INSTRUCTIONS CAREFULLY AND KEEP THEM FOR FUTURE REFERENCE

Please read this manual carefully to help you understand all of the information and to ensure safe installation, use and servicing. We are not held liable for any damage arising due to a failure to respect the instructions set out in this manual.

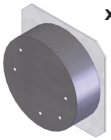
CONTENTS

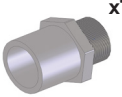
COMPONENTS PROVIDED

WHITE GOODS


x1
Motor side


x2
Gasket


x1
Free side


x1
Mixed nipple

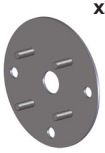

x1
Gasket


x1
Flextube


x1
Cap to be glued for Flextube


x2
Template

INSTALLATION KIT


x2
Plate


x2
Spacer


x2
Gasket


x8
M8 Screw


x14
Ø8 Washer


x6
8 x 40 Lag screw

Bag of loose fittings

ELECTRIC CONTROL BOX AND COMMAND CONTROL


x1
Electric control box


x1
Recessed key switch

or


x1
Key switch box

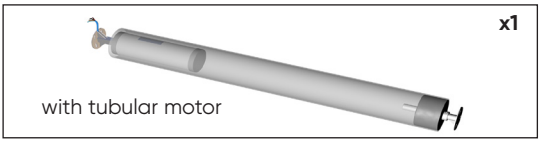
or


x1
Wi-Key emitter

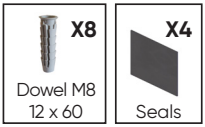
DESCRIPTION

THE COUNTERWEIGHT

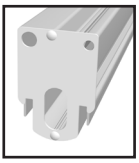
THE POLE



ATTACHMENTS - PINNED VERSION

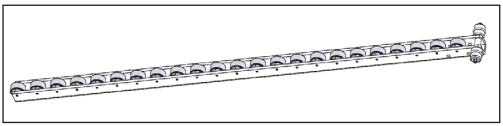


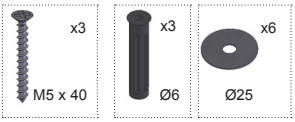
BEAM



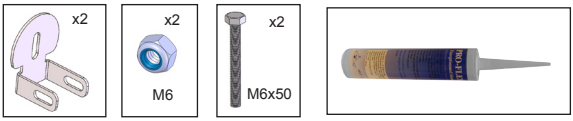
2 beams

RAIL

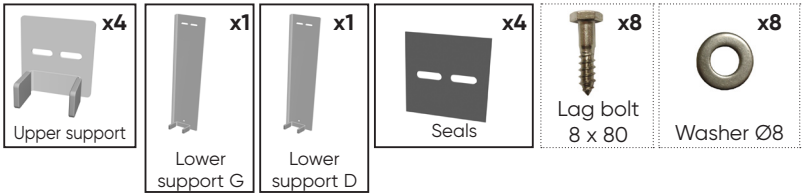




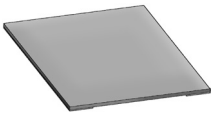
OPTION



BEAM SUPPORT



DECKING – Model according to order (1 pallet)

	PVC covered

TOOLS REQUIRED FOR ASSEMBLY

	Meter and decameter
	Level
	Perforator
 Ø8/Ø12/Ø20	Concrete drill
	Adjustable pliers

 T25	Screwdriver
	Cutter
 N°10 - 13 - 17	Flat wrench
	Angle grinder
	Hammer

PACKAGING

e.g. - for a 5 x 10 m pool with Ø3 m Roman steps; The parts to be sealed:

For beam supports: 1 package of 1 x 0.20 x 0.20 m -- 10 Kg

For the mechanics (pole): 1 package of 0.30 x 0.20 x 0.20 -- 5 Kg

Mechanics (pole) with gear motor: 1 package of 5 x Ø0.25 m -- 50 Kg

Installation kit + box + counterweights + bracket kits: 1 package of 0.80 x 0.60 x 0.65 -- 35 Kg

Beam supports: 1 package of 0.75 x 0.25 x 0.15 / 4 Kg

The beams: 2 packages of 5.1 x 0.17 x 0.12 /60 Kg

Gratings: 1 pallet of 1.20 x 1 x 0.40 / 40 Kg

Total weight: 204 Kg

ASSEMBLY

2 persons

3 hours

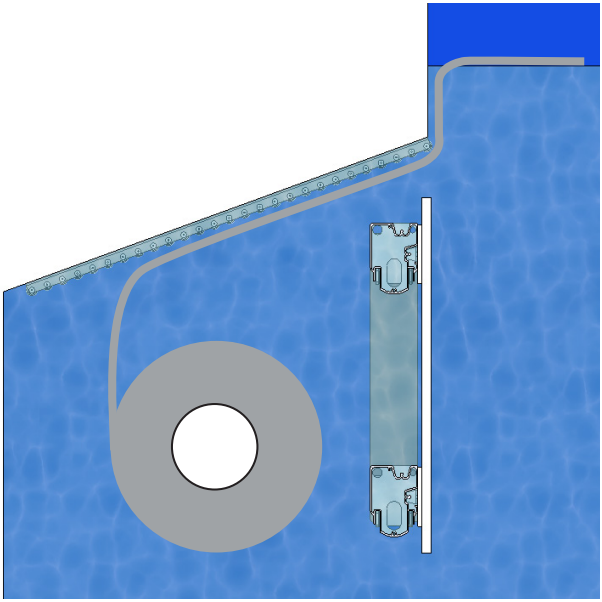
INFORMATION

For pools made of concrete, aerated concrete, hollow and solid masonry, polystyrene, with tiling or reinforced membrane waterproofing.

The Rollinside is an automatic immersed cover consisting of a mechanical device and housing that is placed below the surface of the water.

- Opening and closing control is carried out via key button or Wi-key located in a place from where the pool can be seen.

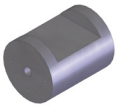
- The vertical and horizontal covering of the housing consists of several pieces of decking clipped onto beams.



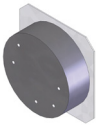
- **LED flaps on overflow pools are only compliant if the pool is fitted with a Vitalia Infinity type device that automatically lowers the water level by at least 2 cm when the flap is closed on the pool.**
- **Currently, LED shutters with a rEmovable form on side steps do not comply with standard NF P90-308.**
- **Unless otherwise specified by the manufacturer of the alarm, immersion alarms are not compatible with LED shutters.**

INSTALLATION OF PARTS TO BE SEALED

FASTENING FOR REEL SYSTEM


Motor side


Gasket


Free side


Flextube


Mixed nipple

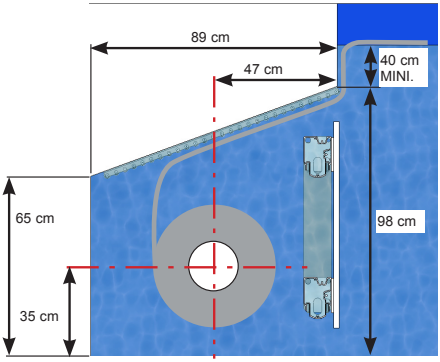

Gasket


Template


Cap to be glued for Flextube

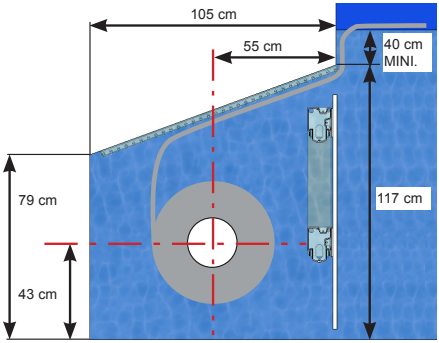
POSITIONING 1

Pool:
Max width: 6 m
Maximum length: 15 m

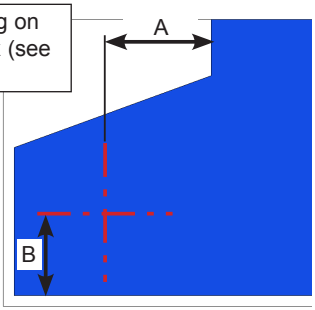


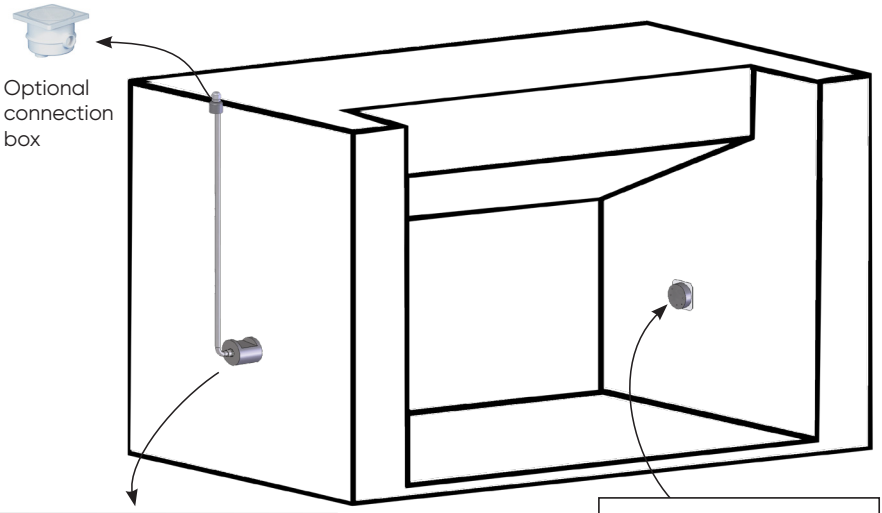
POSITIONING 2

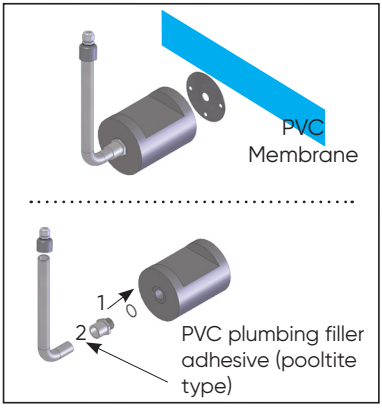
Pool:
Max width: 6 m
Maximum length: 15 m

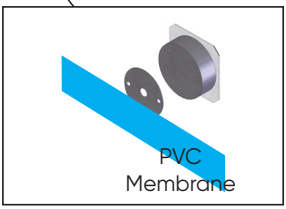


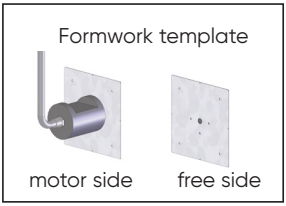
A and B depending on the size of the box (see page 8)



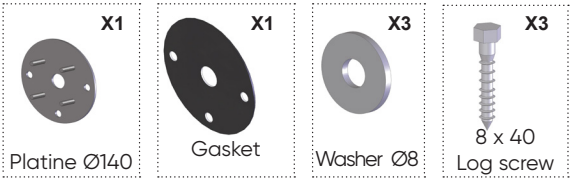


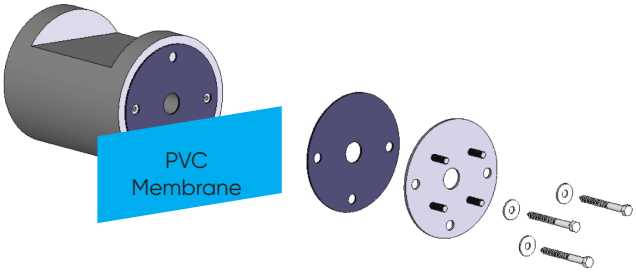




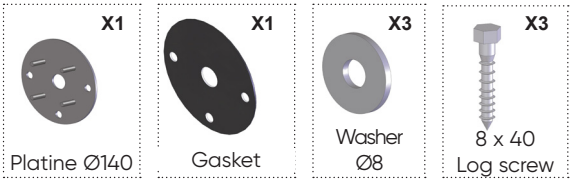


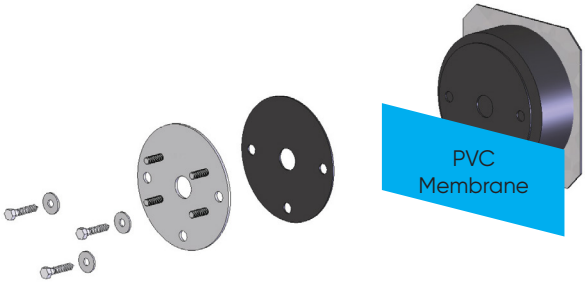
FITTING THE MOTOR-SIDE FLANGE

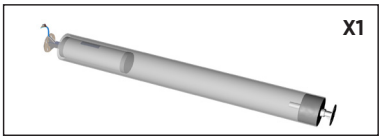




INSTALLING THE BEARING ON THE FREE SIDE







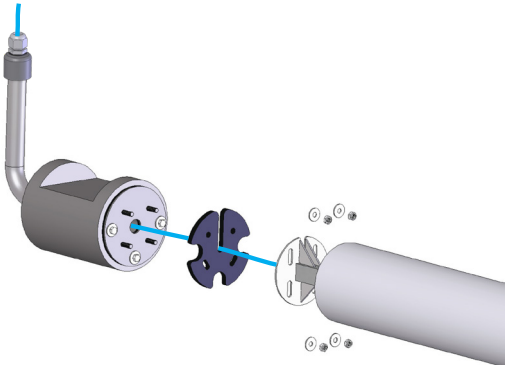
MOTOR SIDE

Spacer

Nut
M8

Washer
Ø8

Adhesive
cap for
FLEXTUBE



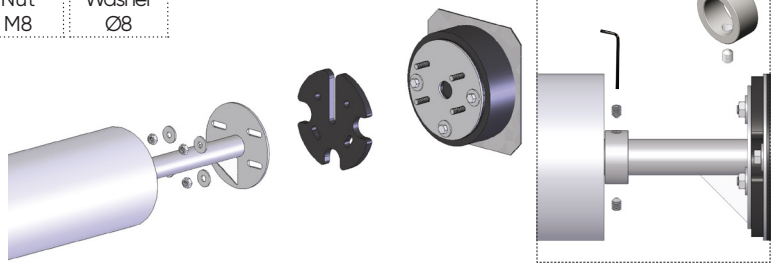
Test the motor before launching.

FREE SIDE

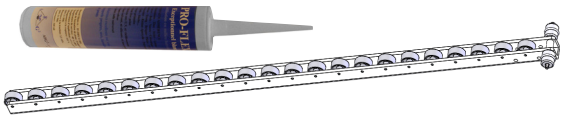
Spacer

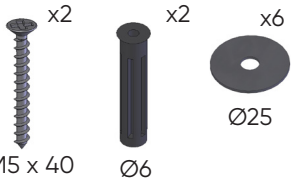
Nut
M8

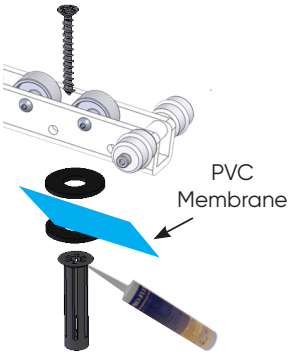
Washer
Ø8

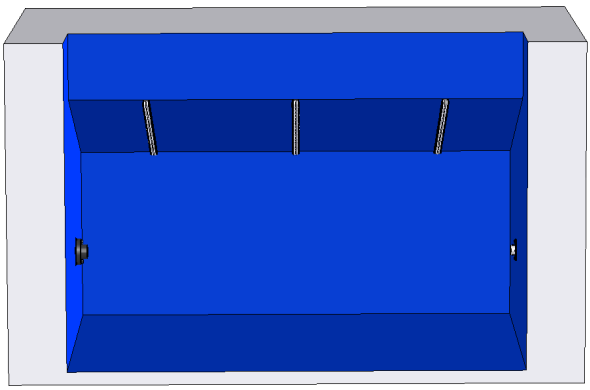


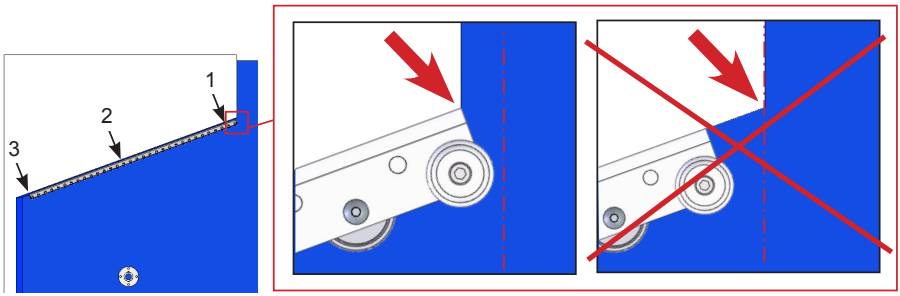
INSTALLING THE RAILS



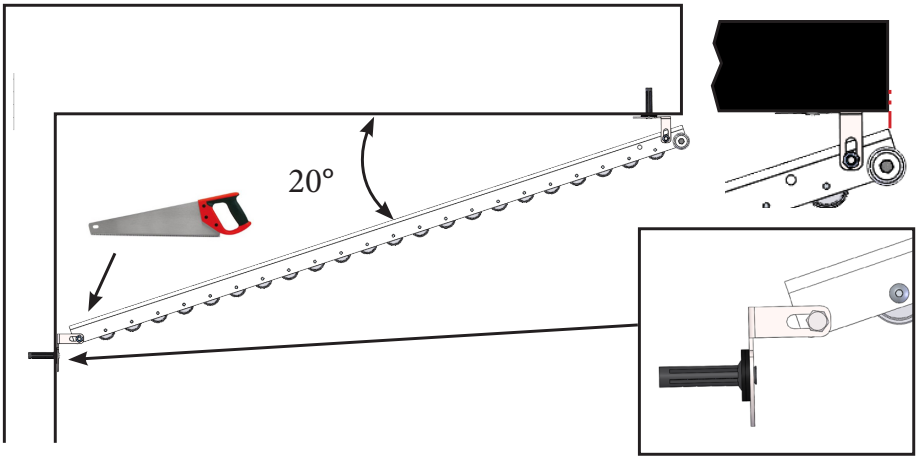


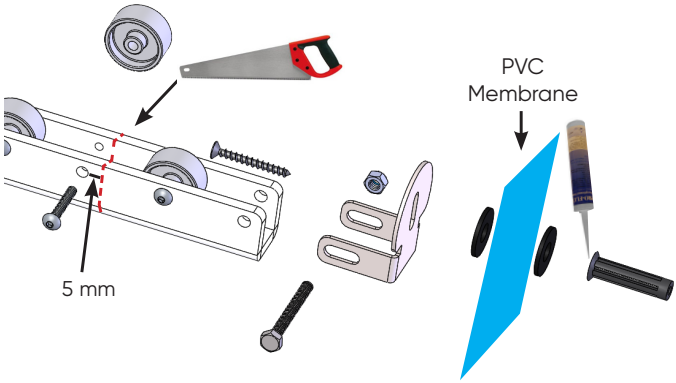






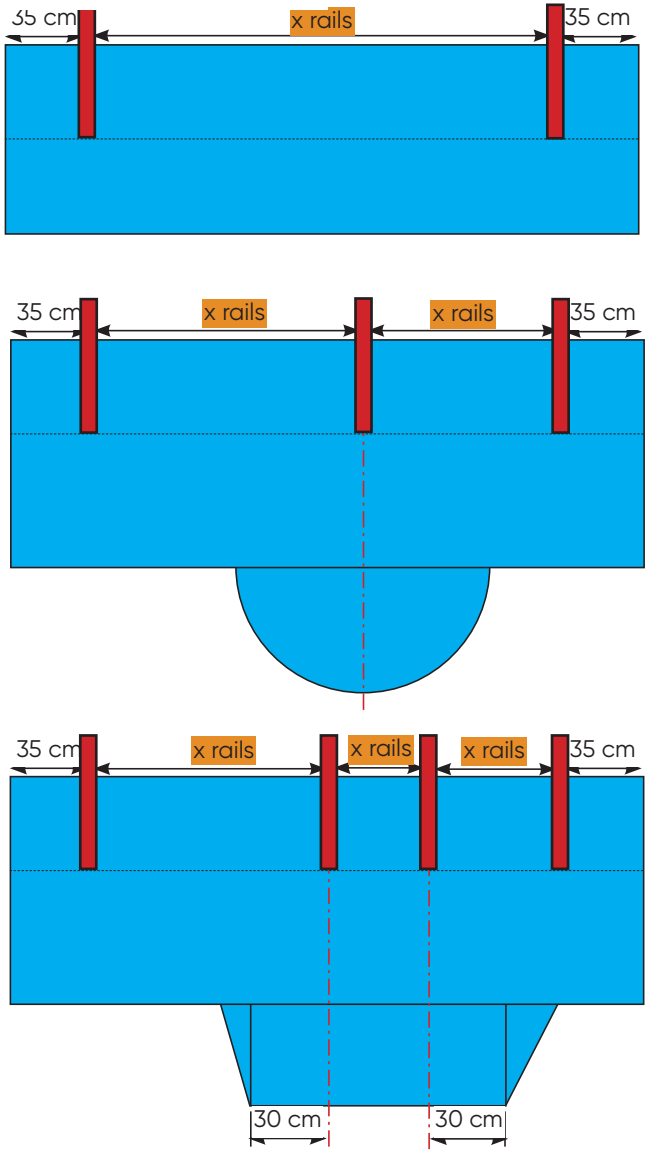
OPTION





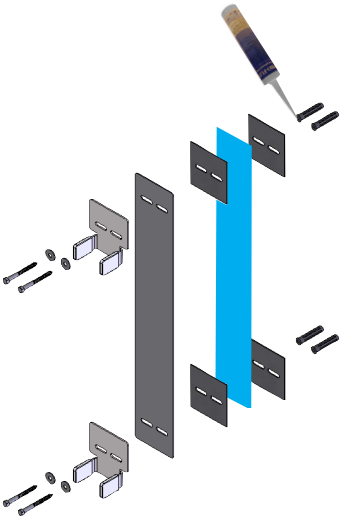
POSITIONING

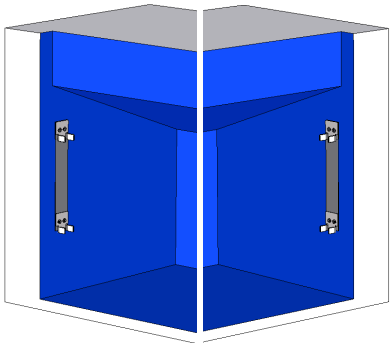
maximum distance betwee n 2 rails: 70cm

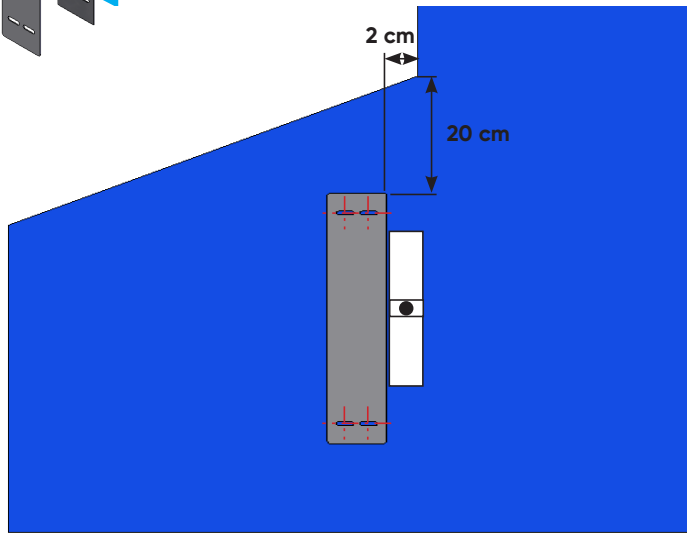


BEAM SUPPORT

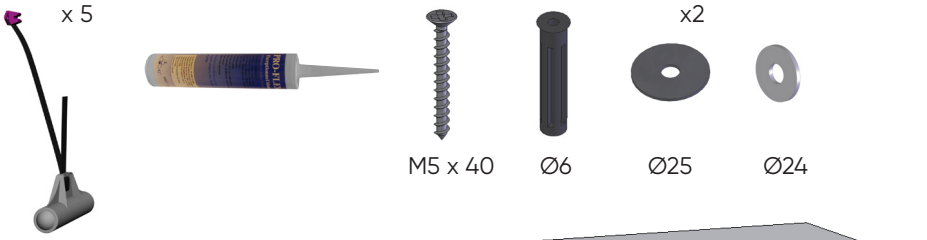
x4	x1	x1	x4	x8	x8	x8	x1
Upper support	Lower support G	Lower support D	Seals	Lagbolt 8 x 80	Washer Ø8	Dowel Ø8	

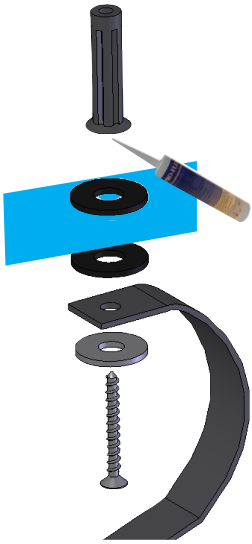


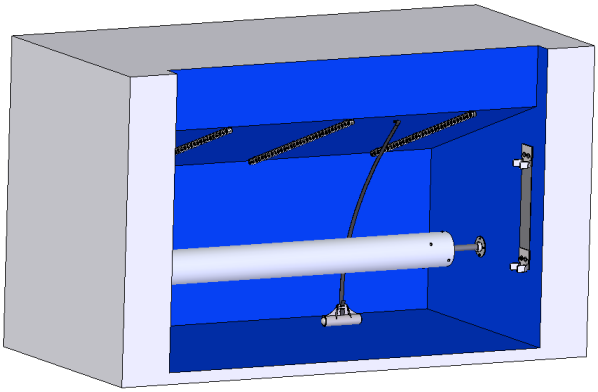


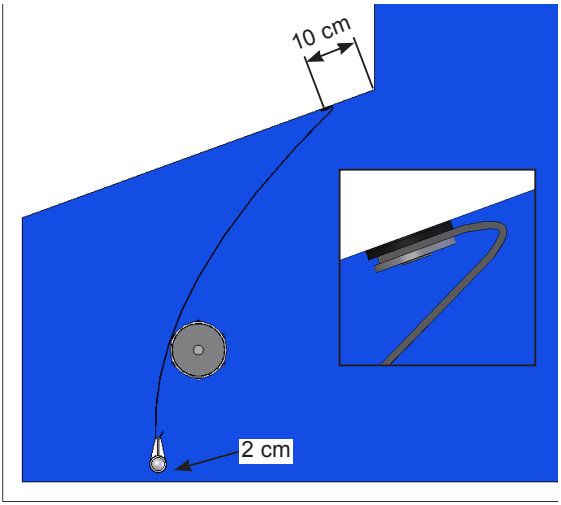


FITTING COUNTERWEIGHTS

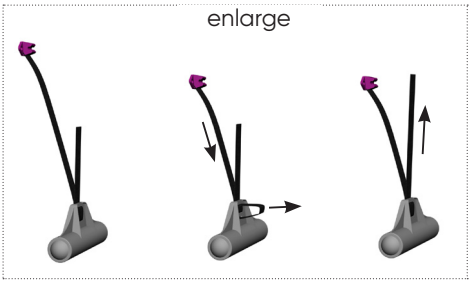


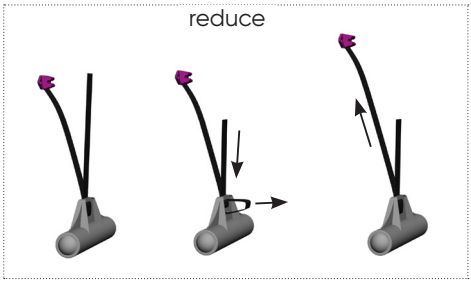






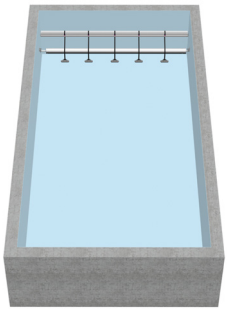
STRAP ADJUSTMENT



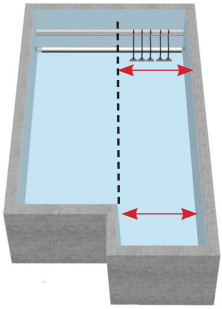


DISTRIBUTION OF COUNTERWEIGHTS

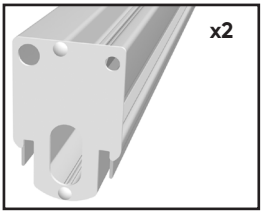
Pools without steps

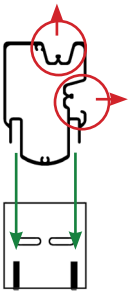


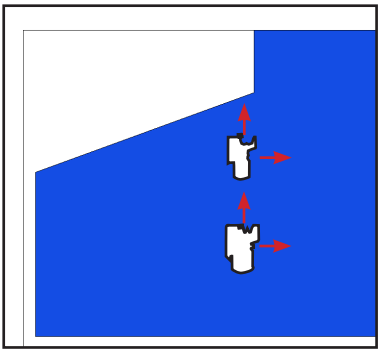
Pools with steps

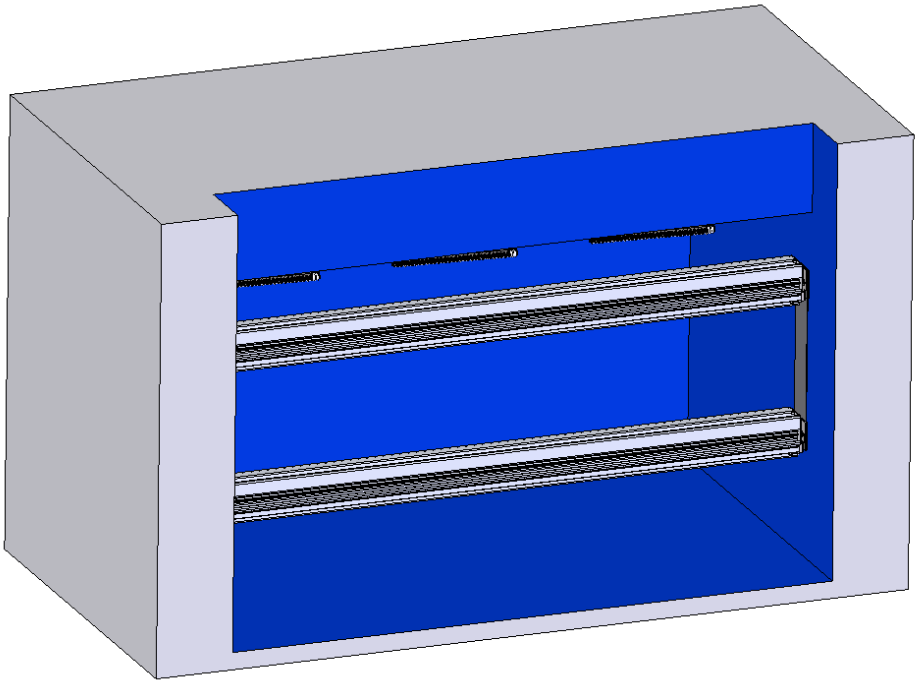


FITTING THE BEAMS

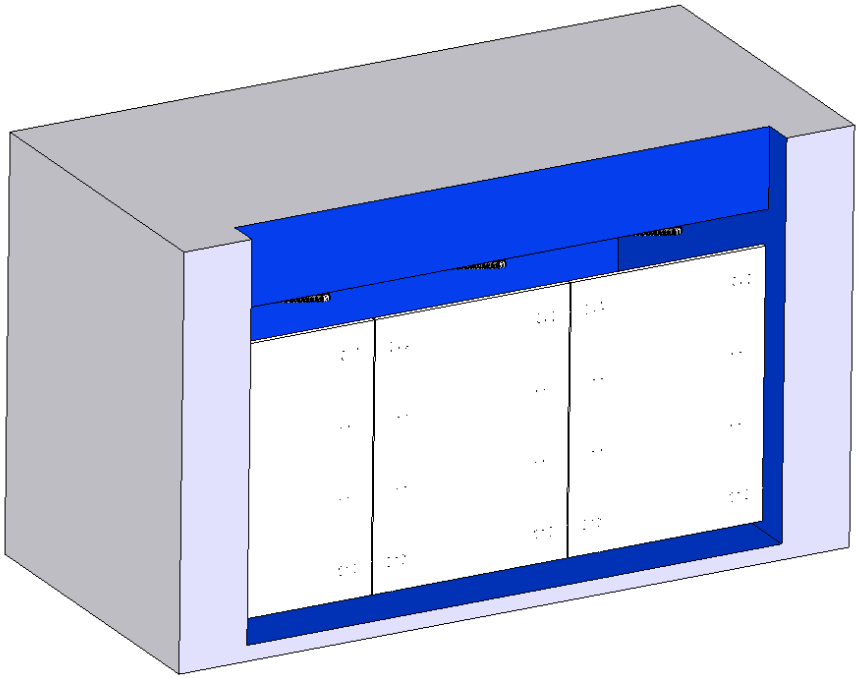


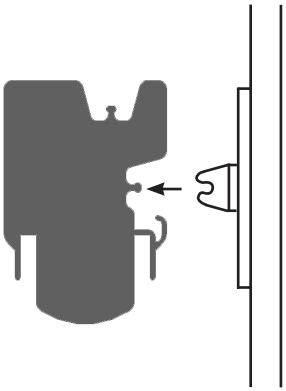






FITTING THE DECKINGS





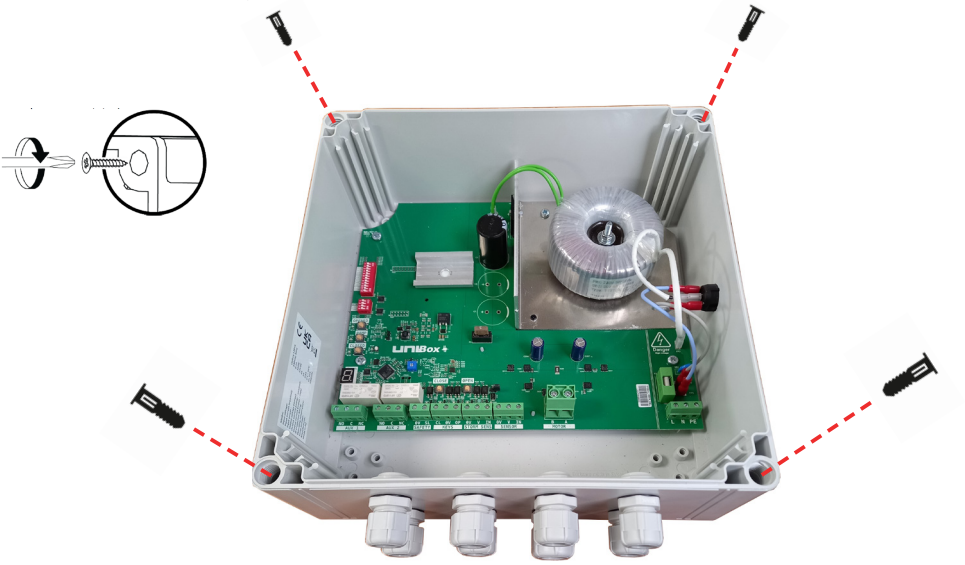
Install the gratings after fitting the deck.

ELECTRICAL CONTROL BOX

MOUNTING THE CONTROL BOX

- The installation must be carried out in accordance with the electrical standards in force in the country of installation; in France in accordance with standard NF-C 15-100 (part 7-702), in Europe in accordance with standard HD 384-7-702 or equivalent in accordance with local regulations.
- The control box must be mounted on a wall in a frost-free technical room, away from rain, sunlight, any source of heat and any risk of it being sprayed or submerged, in an easily accessible location.
- It must be installed level, ideally between 1.2 metres and 1.5 metres above the ground, vertically, with the Câble glands facing downwards and on a wall that is sufficiently solid, flat and smooth to withstand the weight of the control box.
- The control box must be securely fixed to the wall using the screws and plugs supplied.
- Be careful if you decide to fix your control box by any other means, as the guarantee may not apply. Please note that adhesives are not considered a reliable means of fixing.

Note: Use the mounting template provided with the control box.



No warranty if box is drilled.
If the enclosure is drilled, be sure to seal the fixings.
Use the fixings supplied with the box to maintain the IP rating.

CONTROL BOX

The electrical connection of the equipment must only be carried out by a qualified professional, and they must comply with the manufacturer's instructions in addition to the following applicâble standards and regulations:

- NF C15-100: Low voltage electrical installations.
- CEI 60364: Electrical installations for buildings.

Please refer to the leaflet enclosed with the control box to ensure correct installation.

Incorrect installation may result in an electric shock, or it may damage the unit. We recommend that you disconnect the control box from the electricity supply prior to any work being carried out on it.

Any specific electrical supply line must be protected by a 30 mA circuit breaker along with a sufficient overcurrent protection control box.

We recommend use of a shielded câble with a nominal cross-section that is not lower than the one indicated in the following table:

Current rating of unit A	Nominal cross-section mm^2
≤0.2	Flat twin tinsel cord a
> 0.2 and ≤ 3	0.5 a
> 3 and ≤ 6	0.75
> 6 and ≤ 10	1.0 (0.75) b
> 10 and ≤ 16	1.5 (1.0) b
> 16 and ≤ 25	2.5
> 25 and ≤ 32	4
> 32 and ≤ 40	6
> 40 and ≤ 63	10

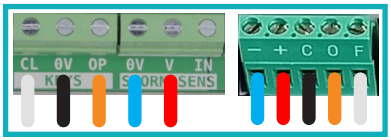
NOTE: For power câbles supplied with poly-phase units, the nominal cross-section of the conductors is based on the maximum cross-section of the phase conductors at the end of the power câble that is intended to be con-nected to the terminals of the unit.

a These câbles can only be used if their length, as measured between the point where the câble or câble protector enters the equipment and the connection to the mains supply, does not exceed 2 m.

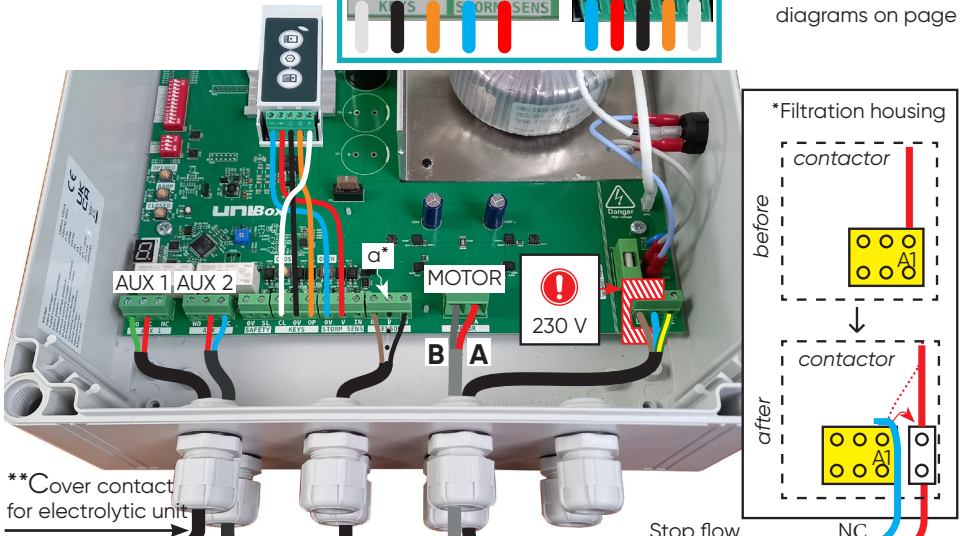
b Câbles that have the cross-section indicated in brackets can be used for mobile units if their length does not exceed 2 m.

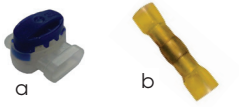
WIRING OF UNIBOX 120, 250, AND 450 CONTROL BOX WITH WI-KEY COMMAND FOR MOTOR PL 1210, PL 3210, PL 6010, AND PL 7710.

- **Ensure that there is no one in the pool during the maneuver.**
- **All connections must be made with the power off**



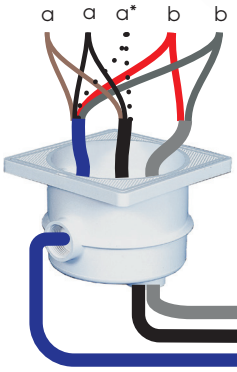
* and **
see comments and
diagrams on page 28





30mA residual circuit breaker
(not supplied)

Connection
Socket **P** / **N** / **E**
230 Volts
Single-phase 50Hz

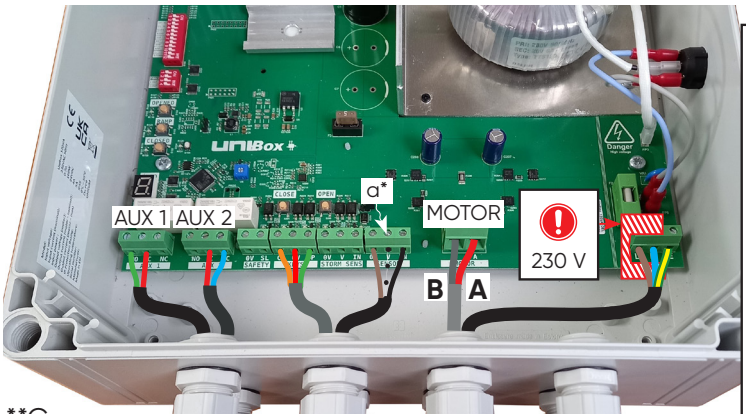


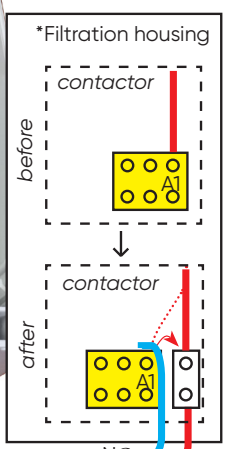
PL 1210 / PL 3210
PL 6010 / PL 7710

WIRING OF UNIBOX 120, 250, AND 450 CONTROL BOX WITH KEY-OPERATED ENCLOSURE FOR MOTOR PL 1210, PL 3210, PL 6010, AND PL 7710.

- **Ensure that there is no one in the pool during the maneuver.**
- **All connections must be made with the power off**

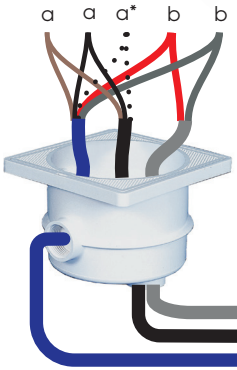
* and **
see comments and
diagrams on page 28





**Cover contact
for electrolytic unit

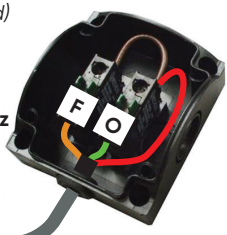
Stop flow
NC
C



2 x 6mm² – 0 to 25m
2 x 10mm² - from 26 to 50m

30mA residual circuit breaker
(not supplied)

Connection
Socket **P** / **N** / **E**
230 Volts
Single-phase 50Hz



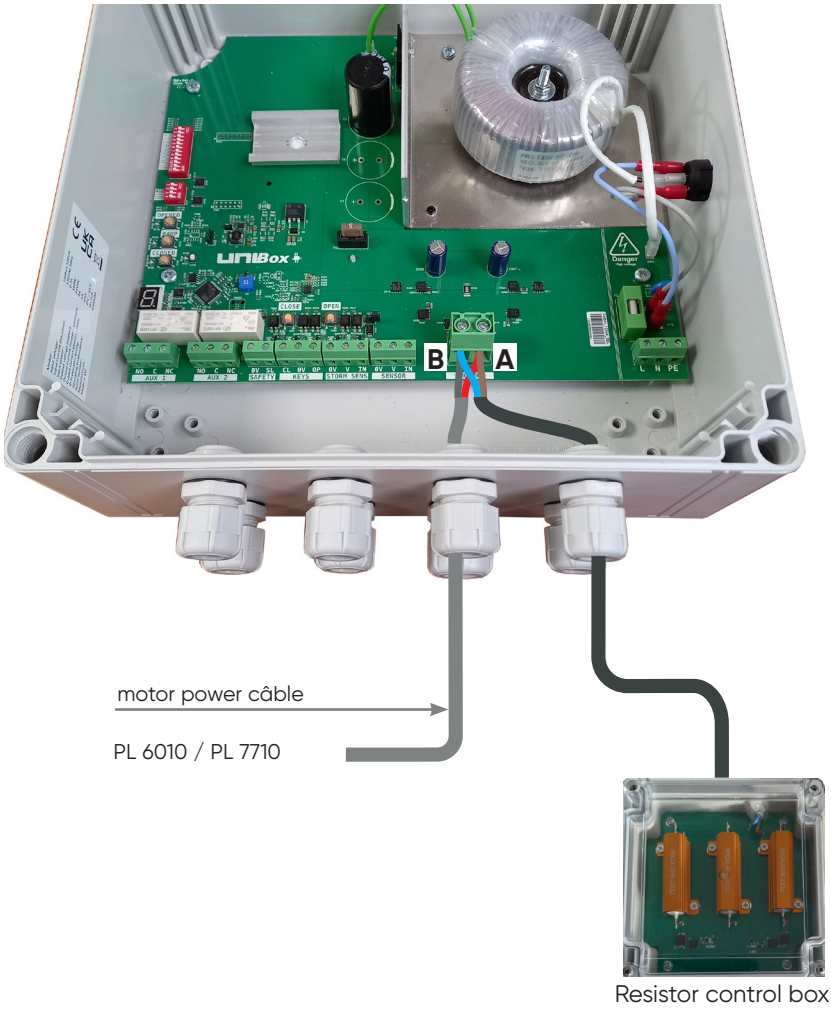
limit switch câble

motor câble

PL 1210 / PL 3210
PL 6010 / PL 7710

WIRING OF THE RESISTOR ENCLOSURE ON THE UNIBOX 450 CONTROL BOX FOR MOTOR PL 6010, PL 7710.

- **Ensure that there is no one in the pool during the maneuver.**
- **All connections must be made with the power off**

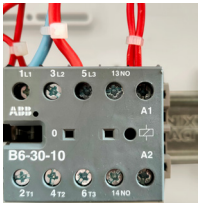


* "AUX2 terminal block Piloting the filtration pump.

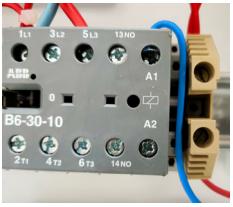
When the cover is moving: Contact C-NC open (stop filtration) and contact C-NO closed (filtration).

Filtration control box :

BEFORE



AFTER



** "AUX1" terminal block electrolyser control

Closed: Contact C-NO closed and contact C-NC open

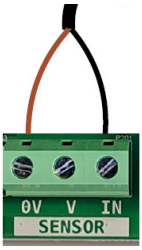
Open: Contact C-NO open and contact C-NC closed

The position of the dry contact is saved in the memory in case power to the control box is ever switched off.

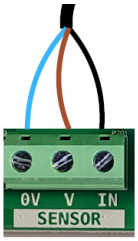
a* : ..... Wire may or may not be present according to the type of motor.

Motor connection according to sensor type

2-wire motor sensor
(mechanical sensor)



3-wire motor sensor
(inductive sensor)



Remember to change jumper pinout.

Its location must allow you to check that no-one has entered the pool during the operation.

We advise you to put some waterproofing gel in the Junction box once the wiring is completed.

WI-KEY CONTROL

Flashing red/green = transmitter locked
See transmitter unlocking procedure page 31.

	 Receiver	 Transmitter
Manufacturer	DEL	DEL
Reference	Wi-Key receiver	Wi-Key transmitter
Category	3 (EN 300220-1)	2 (EN300220-1)
Range	50 m open field range	50 m open field range
	25 m through a concrete wall	25 m through a concrete wall
Power supply	12 to 48 Vcc 30mA max	2 batteries, 1.5V AAA
Protection rating	IP40	IP54

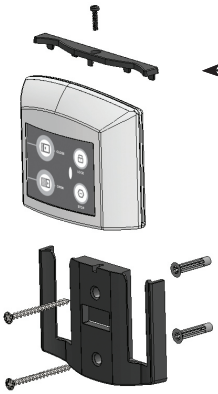
The transmitter must be set outside of the volume 0 position (volume 0 is the part that is underwater, even if inmersion is temporary).

The distance between the transmitter and the receiver must not exceed:

- 50 m open field range
- 25 m behind a single wall
- 15m behind multiple walls or a particularly thick wall.

Frequency bands used by the transmitter-receiver: 868MHz to 868.6MHz
Maximum power of the radiofrequency: 10mW

We advise you to check the transmitter-receiver connection prior to fastening the elements into place.



- It must be located in a place that allows the operator to check that no-one is in the pool during the operation.
- It is compulsory for the locking “bar” to be installed and bolted into place.
- Before fastening the control box, ensure that the transmitter is communicating with the receiver.

The bracket must be fastened to a fixed base.

Close

Open

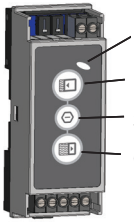
Lock keypad

Stop current operation

CONNECT A NEW TRANSMITTER

Receiver

1



Press “STOP” and hold the switch down, then press “O” for more than 3 seconds OK when the “Indicator light” flashes green.

Connection of a new transmitter must be carried out within the following 30 seconds.

Emitter

2

Press "STOP" and hold the switch down,
then press "O" for more than 3 seconds
OK when the "Indicator light" flashes red/green.

Connection of a new emitter must be carried out
within the following 30 seconds.

LOCK WI-KEY

• Hold  for more than 3 seconds until the indicator flashes

 **= system locked**

UNLOCK WI-KEY

• Press  and hold

• At the same time: press successively on the following three switchs:

• The  indicator light remains on  = **emitter unlocked**

●	Green LED	----➔	Wi-Key unlocked
● ●	Flashing green/red LED	----➔	Wi-Key locked
●	Orange LED	----➔	Battery level low
●	Red LED	----➔	Batteries need to be changed (2xLR03)

Any person carrying out work on the electrical parts must be qualified and wear PPE (personal protective equipment): gloves, goggles, mat, etc...

Warning: use of the pool cover control switchs present in the housing (Wi-Key receiver) must only be carried out by a person who is absolutely certain that there is no risk and that no-one will enter the pool during the operation.

GENERAL INFORMATION

The power-on is done via the illuminated switch on the side of the electrical cabinet. As soon as the power is turned on, the switch lights up. You can check the initialization of the electronic board on the INFO display for a few seconds.

The electrical cabinet is designed for a maximum of 10 minutes of continuous operation. Beyond that, allow 30 minutes between operations. In case of overheating of certain components, the board enters self-protection mode and stops powering the motor until it cools to a safe temperature.

The operating range of the electrical cabinet is between 0°C and 50°C maximum.

Three operating modes are available and should be well understood by the installer.

AUTOMATIC MODE: This is the normal usage mode of the board when all programming has been done correctly. Advanced functions can be enabled, and alarms are active.

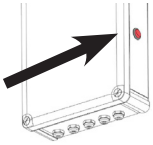
FORCE MODE: This is the typical mode for maintenance operations. Once entered into force mode, all configurations (limit switches, measured current levels, etc.) are overwritten, and the operator uses the motor without limit switches. This mode should be used with great care. It can also be used in case of sensor failure.

PROGRAMMING MODE: This is the mode that allows the operator to record the fundamental parameters for using the board in AUTOMATIC MODE. You enter PROGRAMMING MODE when you need to configure limit switches and the end of the speed ramp. In this mode, advanced functions are not active, as well as some alarms.

NOTE: For activating advanced functions, once the corresponding switch is activated, you will always need to restart the board using the illuminated power switch. This operation requires re-reading the parameters and active functions.

AFTER COMPLETE WIRING

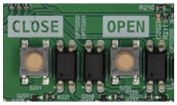
1. Activate the dip-switch “CONF 2”
2. If necessary, turn off the control box and turn it back on.



CHECK THE DIRECTION OF THE COVER MOVEMENT INSIDE THE CONTROL BOX

To perform this check, use the FORCING mode by activating the dip-switch “FORCED.” This operation is very important and should be extended to any potential control devices for the cover, such as remote controls, smartphone receivers, etc.

Verify that the cover opens the pool for swimming when pressing the OPEN button and closes when pressing the CLOSE button.

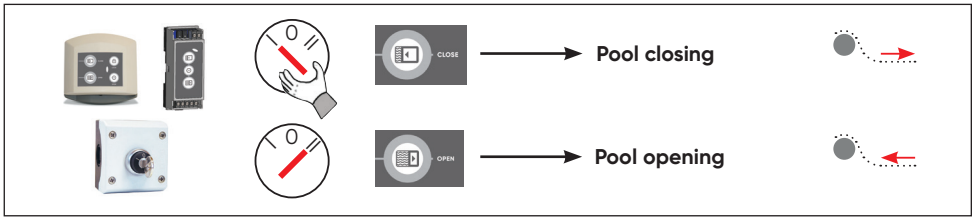


- If it's OK, deactivate the FORCING mode by deactivating the dip-switch “FORCED”

- If not, swap the two power wires at the motor terminal block and check the proper operation; then verify the wiring of the key switch on the terminal block.

Only wire the key switch after checking the correct direction of movement by pressing the OPEN and CLOSE buttons.

CHECK THE DIRECTION OF THE COVER MOVEMENT WITH THE CONTROLS



If the control logic is not followed, check the Open / Close wiring of the control

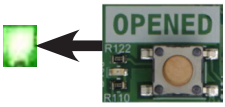
PROGRAMMING MODE

LIMIT SWITCH PROGRAMMING

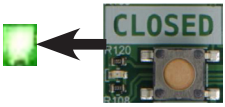
The limit switch programming must be done with full visibility of the pool.

NEVER USE REMOTE CONTROLS OR RADIO DEVICES FOR SETTING THE LIMIT SWITCHES. The procedure must be carried out with the key switch or with the "OPEN" and "CLOSE" buttons on the board.

1. Check the direction of the cover movement (for more information, refer to the specific chapter above).
2. Press the "OPENED" button and hold it until the green LED next to it lights up. You have entered the "open" limit switch programming mode.



3. Set the cover to the rolled-up position (fully open).
4. Wait at least 5 seconds, then press the "OPENED" push button - The green LED turns off and the position is saved.
5. Press the "CLOSED" button until the green LED next to it lights up. You have entered the "closed" limit switch programming mode.



6. Set the cover to the unrolled position (fully closed). Ensure that no one is using the pool beforehand.
7. Wait at least 5 seconds, then press the "CLOSED" push button - The green LED turns off and the position is saved.

Now the limit switches are programmed, and the board operates in "AUTOMATIC" mode.

https://youtu.be/db-UT25Fj_4

AUTOMATIC MODE

This mode allows the opening and closing of the cover during normal use, with automatic stop at the end of travel.

The cover is controlled in opening or closing by various control devices (Key box, Wi-Key, LivePool, etc.). The cover is automatically stopped at the pool ends by the previously programmed distance (see programming mode).

When the cover is at one end of the pool, you will not have a choice of movement direction; one direction temporarily becomes invalid: the closing direction will not work when the cover is in the fully closed position, and vice versa, the opening direction will not work when the cover is in the fully open position (see manual mode to override the programmed distance if needed).

All alarms are activated as well as any advanced functions selected by the user.

INFO DISPLAY

The INFO display shows any alarms that allow the operator to detect and correct anomalies.

If two alarms are present at the same time, the display will show them in rotation, one after the other.

The acknowledgment of alarms is done using the motor control device (key switch or remote control); by pressing the device twice in the same direction, the alarm will be acknowledged, and the motor can then be restarted.

The list of alarms is as follows:

0	FIXED	Board startup error
1	FIXED	Limit switch programming error
2	FIXED	The motor is not wired
3	FIXED	Faulty sensor
4	FIXED	Blown fuse
7	FIXED	Anti-tear alarm activated; check the straps
8	FIXED	Motor overload
d	FIXED	Major fault on the motor drive

ANTI-TEAR

This function is specifically developed for pool covers equipped with securing systems (fasteners, straps, etc.) on the last slat, which allow attachment to the pool wall. On these covers, if the user forgets to release the cover before opening the pool, the motor could tear the fastenings and damage the cover. In this case, the function allows the motor to stop automatically when a certain current threshold is exceeded.

The function is activated by setting dip-switch 6 to ON and restarting the electronic board.

NOTE: The Anti-tear function is not compatible with the "Ampere monitoring" function described in the next paragraph. Only one function should be activated at a time.

INTERVENTION AND TROUBLESHOOTING

To be carried out only by qualified personnel.

Before any intervention on the control box and after cutting off the power supply upstream of the box, wait 15 seconds for the capacitors to dissipate their residual energy.

In case of malfunction of the control box or interventions other than the programming mode, manual mode, or pairing, activate the electrical separation device upstream.

DIAGNOSTIC TABLE

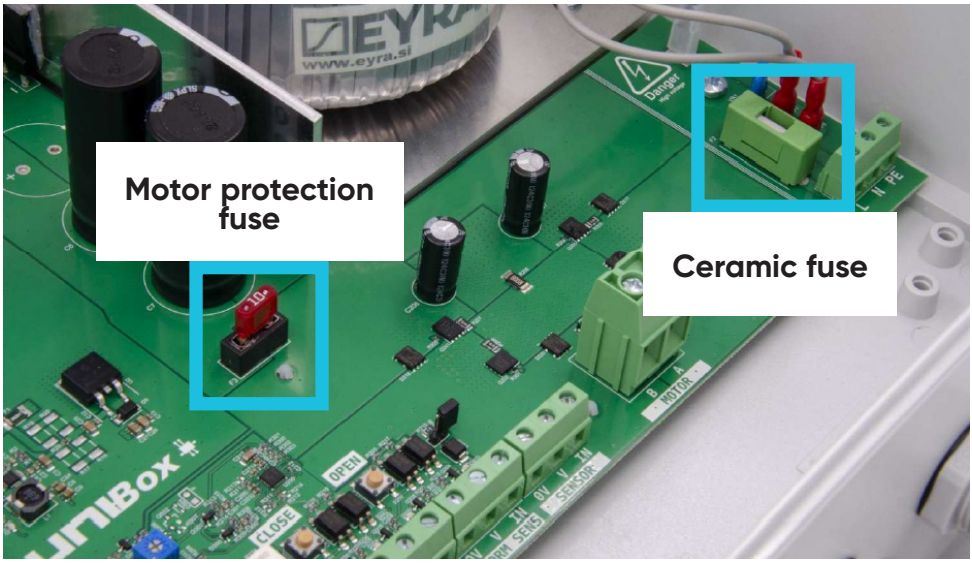
DETECTED PROBLEM	ALARM CODE	TROUBLESHOOTING ACTION
When activating the main switch, the control box does not start		Check the wiring to the power supply. If the wiring is correct and single-phase current is present, check the ceramic fuse on the power supply input. If the error persists, replace the entire control box.
When activating the main switch, the initialization sequence ends with an alarm	0	Turn off the board and restart it. If that does not work, perform a restart with the forced mode activated, which will overwrite the data. If the error persists, replace the entire control box.
After the first startup, the board starts correctly, the motor wiring is correct, but the motor cannot be activated	No Action	Put the board in forced mode to overwrite any previously saved settings; reprogram the limit switches. Without programming, the motor can only move if forced mode is active or if the limit switch "open" programming has begun.
During the limit switch programming, alarm 1 is activated	1	This alarm informs the user that the end of travel position has been exceeded. If there is no real reason for this issue, activate FORCED mode to overwrite the old values and then reprogram the limit switches. Acknowledge the alarm.

DETECTED PROBLEM	ALARM CODE	TROUBLESHOOTING ACTION
During the course end programming or normal use, alarm 2 is triggered	2	The motor power Câbles (red and gray) are not properly connected to the control box, or there is a wiring issue between the motor and the control box. Carefully check the wiring to resolve the issue. You can switch to forcing mode to check if the motor is correctly connected. If there's no solution, the motor might be broken or short-circuited. Try powering it with batteries for a final confirmation or connect the motor directly to the control box without any intermediate wiring.
The display shows alarm 3 during motor operation, causing it to stop; the motor doesn't start, and alarm 3 is displayed	3	This alarm is triggered if more than 3 seconds pass between two pulses from the sensor. First, check the sensor wiring. If there are no wiring issues, switch the board to FORCING mode and check if the motor runs at normal speed when operated manually. In this case, the internal sensor in the motor is broken and must be repaired by UNICUM. Until the replacement intervention, the cover can be used cautiously in forcing mode.
The motor doesn't start, and alarm 4 is displayed	4	One of the fuses has blown; turn off the board completely and wait about 15 seconds. Disconnect it from the power supply. Disassemble and check the different fuses with a tester, and replace the faulty fuse. Restart the board and check the motor’s proper functioning.

DETECTED PROBLEM	ALARM CODE	TROUBLESHOOTING ACTION
The motor stops and alarm 7 is displayed.	7	The anti-tear function is active, and a current threshold breach was detected during the first few seconds of opening the cover. Check the straps and ensure no obstacles are preventing the motor from advancing. Acknowledge the alarm. If the alarm reactivates, set the option switch to OFF.
The motor stops and alarm 8 is displayed.	8	The motor is overloaded and has been stopped to prevent damage. This alarm is triggered when the time between two pulses from the sensor is greater than 3 seconds and a high current value is measured. Acknowledge the alarm and analyze the situation to find the cause that triggered the alarm.
Activating a function with the appropriate dip-switch does nothing.		To fully activate advanced optional functions such as the safety loop or impulse mode at opening, you must always reset the board by turning it off and then turning it back on.
The motor stops suddenly.	d	The drive controlling the motor has suffered an electrical shock and may be damaged. If the alarm persists after acknowledgment, the defective board must be replaced.

FUSE REPLACEMENT

Replace the fuses with the control box completely powered off. Failure to follow this safety standard poses a high risk of electric shock. This operation must be carried out by trained and qualified personnel.

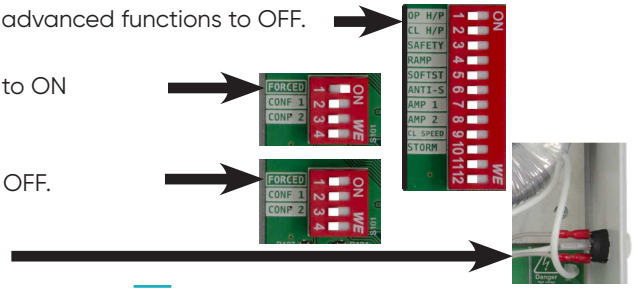


Motor Protection Fuse:
- 10A for Unibox 120VA and 250VA.
- 15A for Unibox 450VA.

COMPLETE RESET OF THE ELECTRONIC BOARD

To completely erase the memory of the electronic board, follow these steps :

1. Turn all the dip-switches for advanced functions to OFF.
2. Set the FORCED dip-switch to ON
3. Then, turn the dip-switch to OFF.
4. Restart the board.

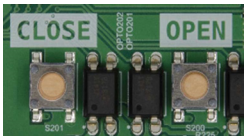


MOTOR CONTROL FROM THE CONTROL BOX DURING MAINTENANCE

The use of these buttons is strictly prohibited without visibility of the pool.

During maintenance and troubleshooting, it is possible to control the movement of the motor directly from the control box; this usage method is not allowed if the pool is not directly visible and cannot be monitored during the movement of the cover.

The "OPEN" and "CLOSE" buttons allow you to open or close the cover at any time, even in the absence of a key-controlled controller.



Any person carrying out work on the electrical parts must be qualified and they must comply with the manufacturer's instructions in addition to the applicâble standards and regulations.

During any intervention, the technician must wear PPE (personal protective equipment): gloves, goggles, mat, etc...

We recommend that the installation be disconnected from the power prior to any intervention taking place.

WATER LEVEL IN POOL

- In order to ensure maximum safety and correct operation of the rewinder, always check that the water level in the pool remains constant and complies with the manufacturer's requirements (for greater comfort, use an overflow and a water level regulator).
- A water level that is too high is due to the overflow being obstructed by leaves or other items.
- A water level that is too low means that there is a risk of blockage.
- In case of a recess or a handrail, the water level must be controlled by a level regulator.

WATER FILTRATION AND TREATMENT

- Programme filtration to take place at a time when the sun is shining on the pool and ensure that it is set to work all the time when the water reaches 28°C.
- In order to ensure that your installation will last, the water in the pool must be correctly treated in compliance with the applicâble standards and recommendations (NF EN 16713-3).
- The pH, hardness and alkali levels of the water must be checked and adjusted as often as is necessary (although you will need to ensure that you don't correct these three parameters independently of each other but do so using the Taylor table and provide the water with balance with regard to the three parameters analysed).

CARE (RESPONSIBILITY OF THE CUSTOMER)

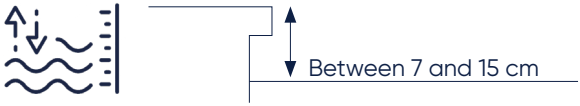
- Clean your slatted cover thoroughly twice a year (when opening the pool for the season and when winterising it). This is even more important if your pool water is hard. To do this, use a descaling cleaner (see catalogue) and rinse with a water spray.
- Inspect the entire system if an abnormal load is placed on the cover (such as in the event of a fall).
- Inspect the straps annually.
- Cleaning and maintenance by the user must not be carried out by unsupervised children.

MAINTENANCE (ONCE PER YEAR MINIMUM)

- All interventions must be carried out by a professional, who will contact the manufacturer if necessary (contact details on the back page of this document).
- All spare parts must come from the manufacturer or comply with standard NF P90-308.
- Check that the installation is working correctly.
- Inspect the cover thoroughly.
- It is necessary to check at the start of every season and if any accident has occurred (if anything has fallen onto the cover, if hail has struck the cover, if the cover has had to bear any abnormal weight etc...) ensure that none of the slats has sustained any visible damage that may affect the safety of the cover (cracked slats, holes, deformations, etc...). Make sure that you change the slats or the entire cover if required.
- In winter as in summer, do not place an opaque sheet over the cover: this may damage the slats due to high temperatures.
- Check the state of the straps (seams) and in particular the wear on the anti-abrasion sleeve. If the latter is no longer fulfilling its role of protecting the strap against abrasions from the pool rim, then replace it.
- Once a year, check that the electrical connections are sufficiently tight.
- Customer service: contact details on back page of document

WINTERING

- Position the cover in the closed position and keep the water level constant in accordance with the manufacturer's recommendations.



- Winterise the pool according to its geographical location.
- Close the cover in the safety position.
- We recommend installing an Ivernéa winter cover or an Ivernéa Plus protective cover to protect the cover from UV rays and dirt.

SPARE PARTS

Online catalogue :

https://www.my-cfgroup.fr/fr/pieces-detachees

TROUBLESHOOTING GUIDE

In-ground pool cover :

https://view.publitas.com/cfgroup/quick-troubleshooting-guide-unibox-en/

Wi-key :

https://view.publitas.com/cfgroup/quick-troubleshooting-guide-wikey/

WARRANTY CONDITION

log on to www.del-piscine.fr to consult all our guarantees.

https://www.del-piscine.fr/rechercher-une-garantie

SAFETY ADVICE

We recommend that you carefully read the recommendations below.

WARNING

- **Swimming pools can represent a serious danger for your children. Drowning can happen very quickly.**
  Children who are close to a swimming pool need to be watched constantly and actively, even if they know how to swim.

- **The physical presence of an adult is absolutely essential whenever the pool is open.**

- Learn lifesaving skills.
- Memorise the telephone numbers for the emergency services and ensure that they are displayed close to the pool.

... or 112
FIRE SERVICE

...
AMBULANCE SERVICE

(write the number that applies in your region)

POISON CONTROL CENTRE

SAFETY ADVICE

- **This section is by no means a replacement for common sense or individual responsibility. Its aim is not to replace the vigilance of parents and/or responsible adults, who remain the essential factor in ensuring the protection of young children.**
- **Warning: safety is only guaranteed when the cover is closed, locked and correctly installed in compliance with the manufacturer's instructions.**
- **The cover must systematically be closed if you are absent from home, even for a very short period.**
- **Check that no people and no foreign objects are in the pool before and during opening and closing operations.**
- **Make sure that you place all of the tools required for moving the pool cover out of the reach of children (e.g. the key).**
- **The operation of the mechanism must only be carried out by a responsible adult.**
- **Climbing, walking or jumping on a pool cover is strictly forbidden.**
- **Take all necessary measures to prevent access to the pool for young children until the cover is repaired or when a malfunction is observed that prevents closing or in case of temporary unavailability of the equipment or the pool.**
- **Respect the water levels designated by the manufacturer.**

A child can drown in less than 3 minutes, no type of protection can ever replace the watchful eye and vigilance of a responsible adult.

PACKAGING

Dispose of the packaging in line with current rules and regulations.

END OF LIFECYCLE

- Do not put your scrapped equipment or used batteries in with unsorted household waste.
- You are responsible for disposing of all of your waste, in particular electrical and electronic equipment by taking it to a collection point where recycling and valorisation are carried out.
- Certain products potentially contain substances that are dangerous for the environment, and you need to ensure that these are eliminated or neutralised.
- Make sure that you are aware of all existing recovery and collection systems.

discard the manual in line with the current regulations.

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STAMP

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ORIGINAL INSTRUCTIONS

A-DOTE03507/L1 / 03 2025