



AUTOMATIC SLATTED POOL
COVERS MANUFACTURER



Compliant with standard NFP 90-308

JUNIOR SILVER



ABOVE GROUND REEL SYSTEM

Safety cover compliant with standard NFP 90-308 to be installed and used according this mounting user manual

Mounting instructions

Please read the Operation Manual completely and retain for future reference



Specifications

Please follow the instructions :

- The owner or end user is responsible for the use and the security of his pool
- The owner or end user must be cautious and aware of the risks
- Never leave a child without supervision
- Please follow the instructions of this operation manual
- Please make sure that the cover is closed and locked after each use.
- The pool should never have a lateral deviation higher than 70 mm
- Please make sure that the quick fastening system on the width sides of the cover is properly fastened (in order to prevent kids from slipping underneath)
- Please make sure that the cover fits the standard NFP 90-308
- Please maintain the key while opening and closing the cover, and more importantly, remove this key after the cover is closed.

Upon receipt of the slatted automatic cover:

WALTER Piscine can not be held responsible for losses or damages caused during the transport. It is clearly stated that the goods travel at recipient's risk.

In case of missing or defective parts, it is essential to:

- Record any reservations on the delivery note.
- Address a registered letter with acknowledgement receipt to the transport manager within 2 days after the delivery and please note precisely the problems identified.
- Send a copy of this letter to WALTER Piscine, for information

**The quality control of the original parcel must be done in presence of the delivery man
The content of the box should be checked upon delivery.**

CHECK-LIST

The box must contain :

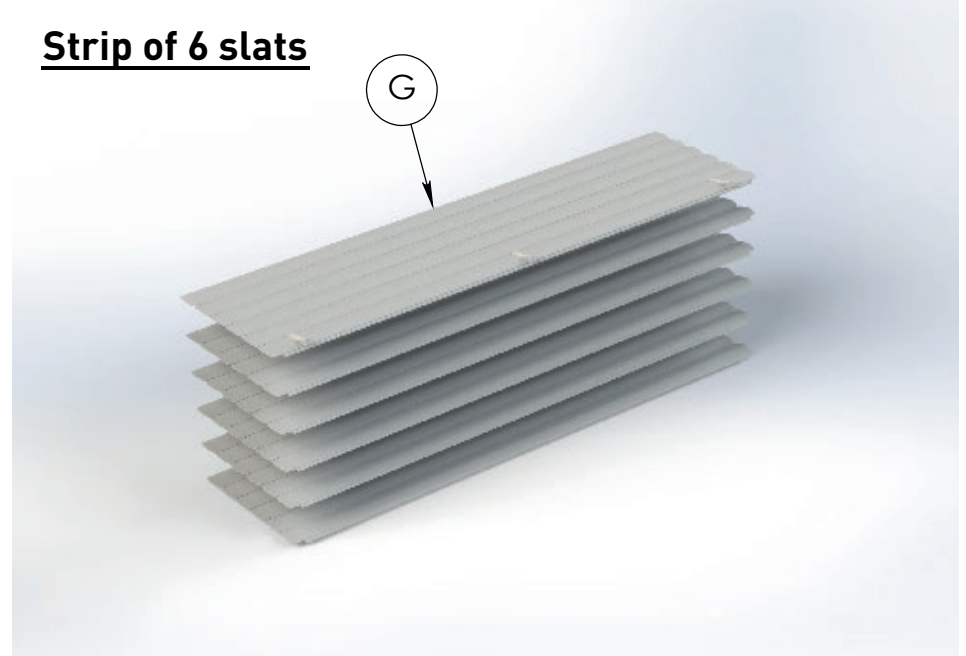
- ☐ Anodised aluminium axle + integrated motor
- ☐ Shaft + rings, opposite to the motor - B
- ☐ Electrical box + drilling template - C
- ☐ Quick fastening system (qty depending on the width of the pool) - D
- ☐ Pair of stands - E
- ☐ Rolling straps to be fixed on the axle (qty depending of the width of the pool) - F
- ☐ 50 cm slat strips (6 slats/strip) (qty depending of the length of the pool) - G
- ☐ Kit of screws
- ☐ 1 mounting instructions manual

Box content

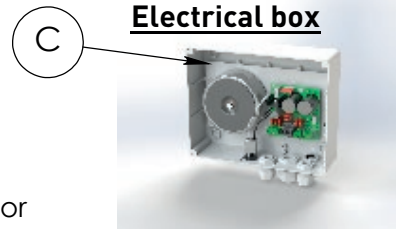
Assembled cover



Strip of 6 slats



Electrical box

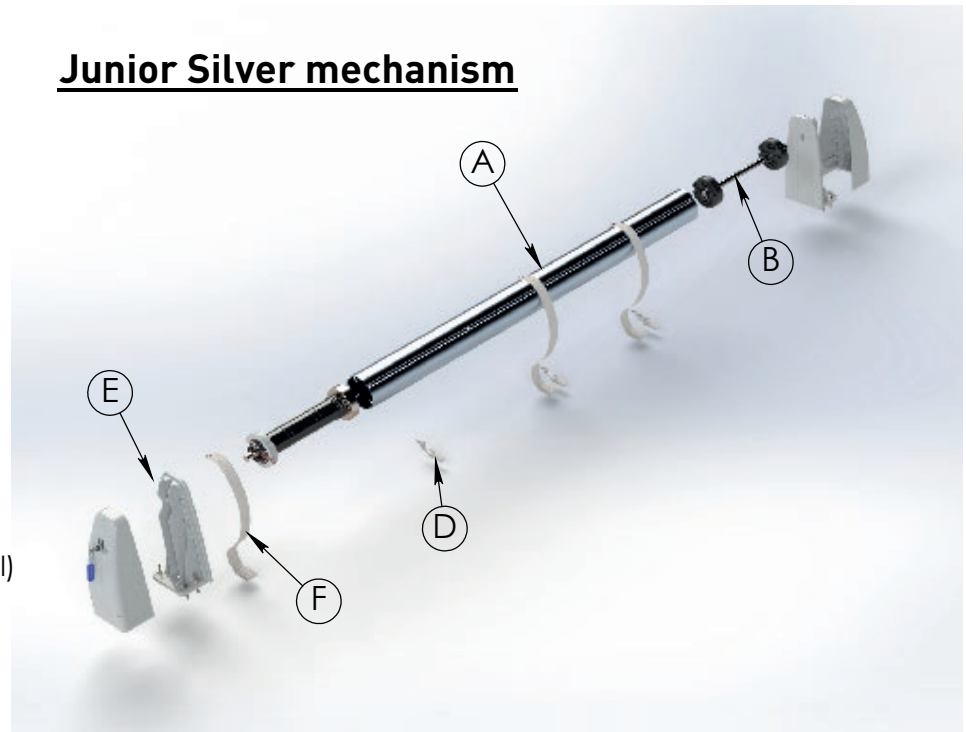


The box must contain:

- Ⓐ - Anodised aluminium axle + integrated motor
- Ⓑ - Shaft + rings, opposite to the motor
- Ⓒ - Electrical box + drilling template
- Ⓓ - Quick fastening system (qty depending on the width of the pool)
- Ⓔ - Pair of stands
- Ⓕ - Rolling straps to be fixed on the axle (qty depending of the width of the pool)
- Ⓖ - 50 cm slat strips (6 slats/strip) (qty depending of the length of the pool)
- ☐ Kit of screws
- ☐ 1 mounting instructions manual

Note: Pictures are not contractual. For information

Junior Silver mechanism



Distance electrical box against the pool.
Please follow standard NF C15-100
section 702

Cable section R02V recommended (from motor to
electrical box). Semi rigid copper FR-N05VV-R

Distance electal box - motor	0m<L<15m	15m<L<30m
Motor cable section	2 x 6 mm ²	2 x 10 mm ²

Push button
switch (brown)

Push button
(black)

Stroke end
(brown)

Push button
switch to adjust
the stroke end

Common bridge

Commun (Noir)

Wago

Commun (Noir)

Motor cable

Opening (blue)

Closing (white)

Black

Red

Electrical box 220V 24V

Differential
30mA

Phase
(brown)
Neutral
(blue)

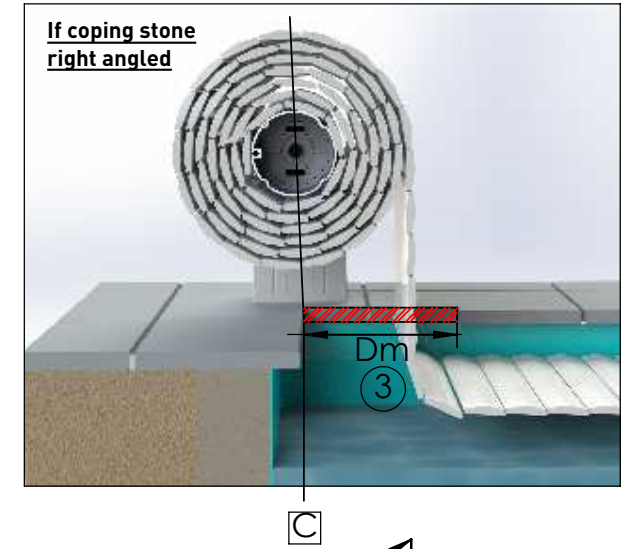
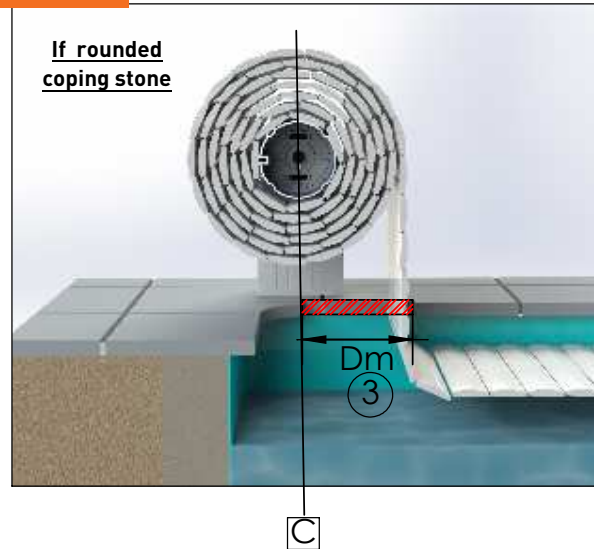
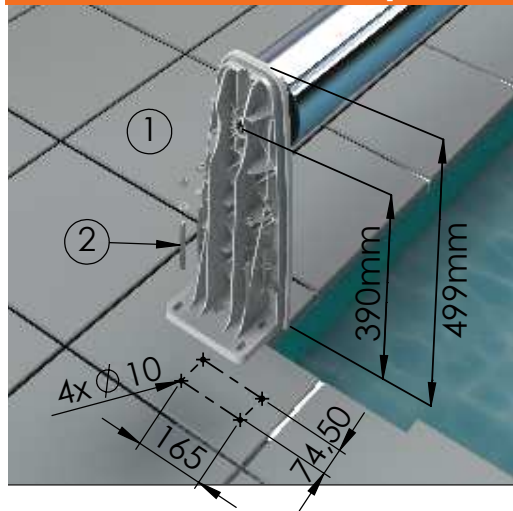
Terre
(Vert)

220V

To cover motor

24V ongoing

Installation of the power reel system



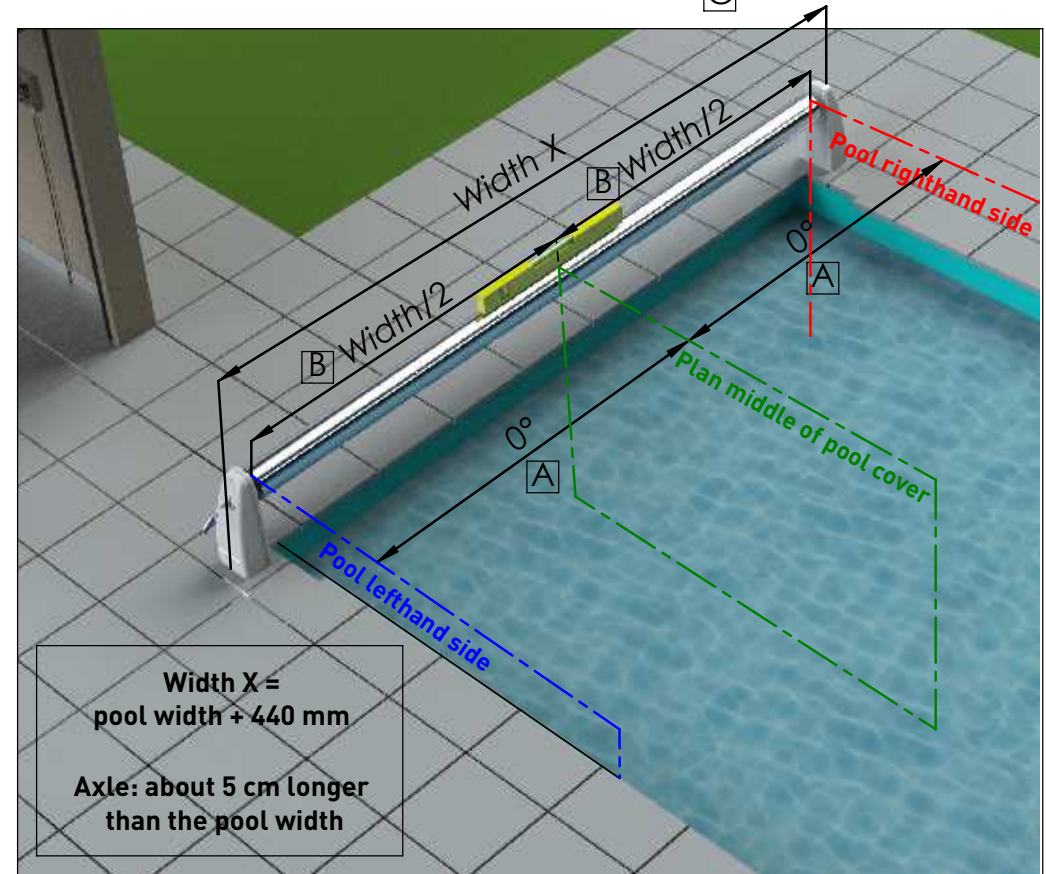
Preparation of coping stones in order to place the cover :

- 1) Position the stands assembled with the axle on the coping stones axis according to the below indications:
 - A) Respect the parallelism between the axle of unrolling slats and one of the pool's length, as well as the axle leveling.
 - B) Please center the the cover on the pool's width, with stands close to the aluminium profile. (otherwise, please plan to tighten the ring to prevent any lateral play)
 - C) Axle at the base:
 - of the coping stone if straight angled pool and coping
 - of the en of the radius if rounded pool and coping
- 2) Fix the brackets with M10 knock-in studs through the coping stones.
- 3) Cutting of the coping stones in line with the axis over a length Dm according to the table opposite:

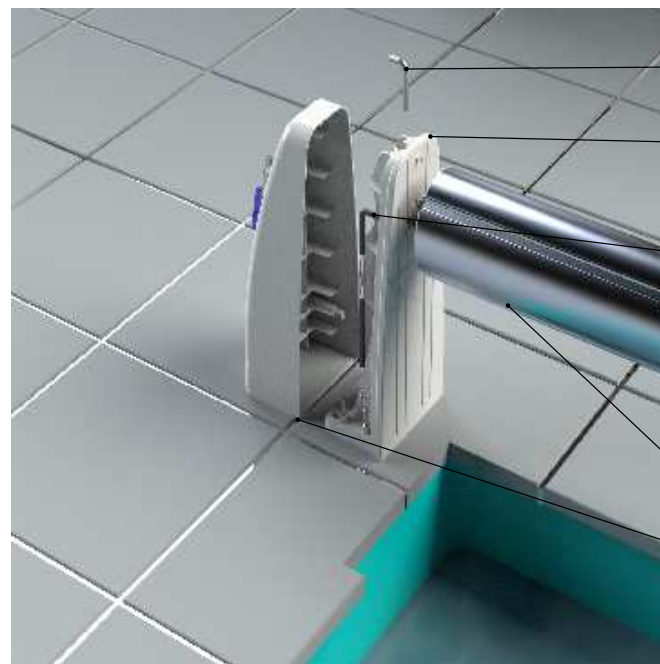
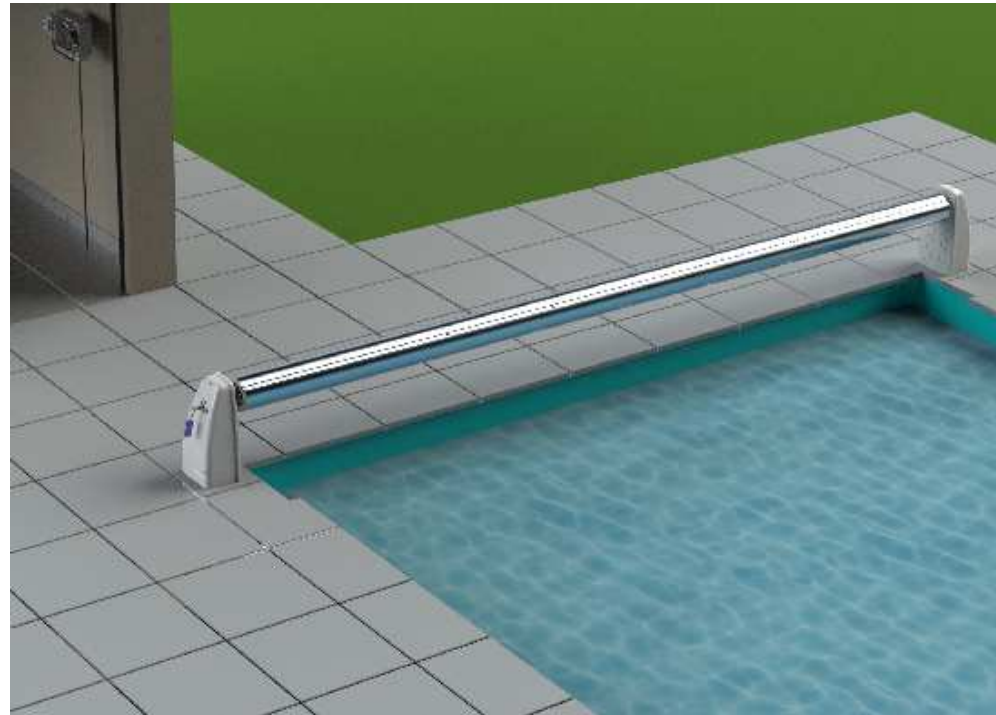
Coping stones	
Pool length	Dm
6 m	260 mm
8 m	290 mm
10 m	320 mm
12 m	340 mm

- 4) After mounting the cover, make sure that there is no friction when opening and closing it (rear curbstone, side curbstone, skimmer, etc.).

Option: Surface a flat surface for the supports. Minimum dimension: 235 x 155 mm



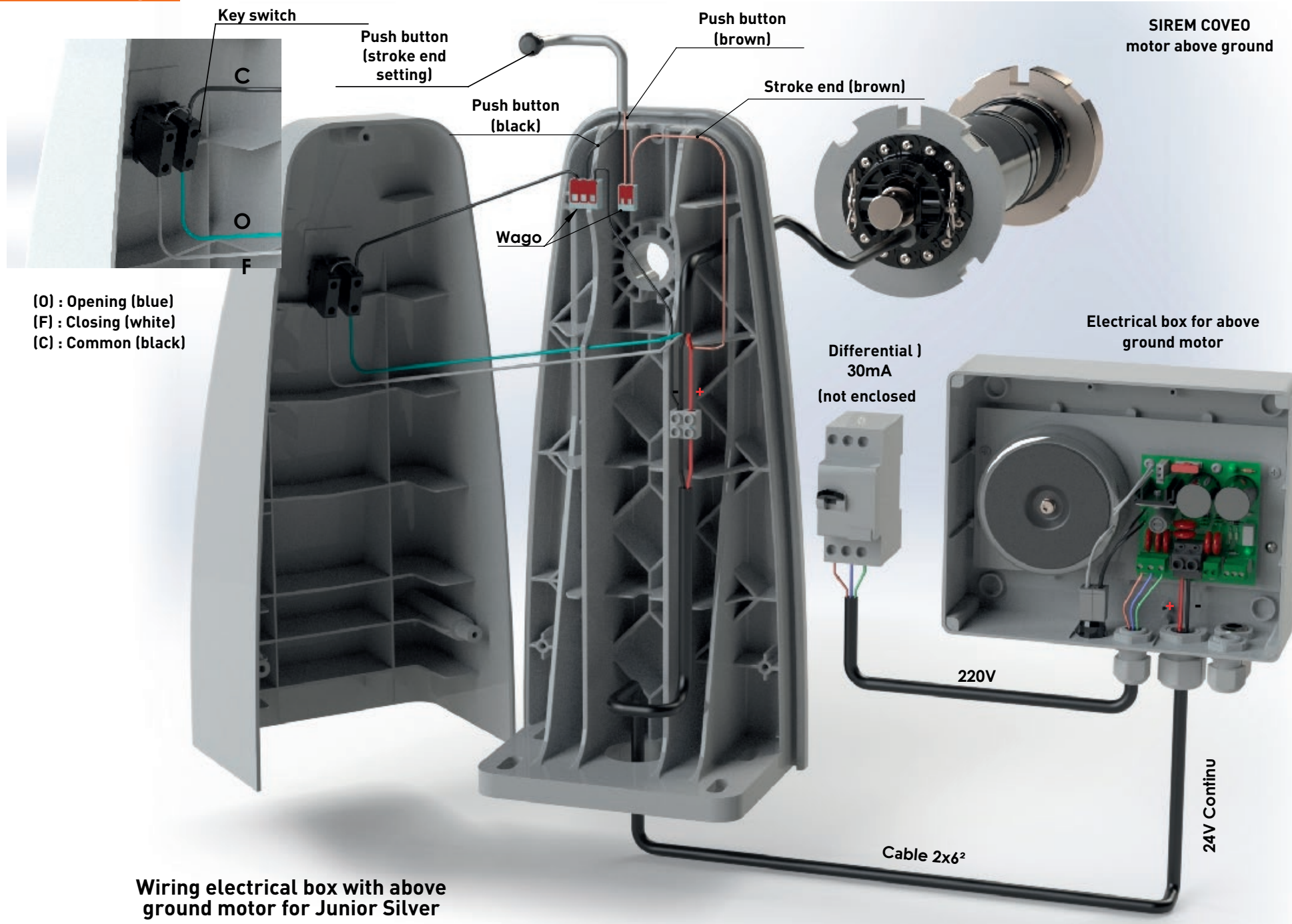
Assembly of the axle with the stands



- Motor shaft pin
- Stands
- Power cable and stroke end
- Aluminium axle + bearing
- Bearing shaft pin
- Aluminium axle with tubular motor
- support hood



Reel wiring



Electrical supply unit

- Power supply
- Dry contact for electrolyzer control
- Overcharge protection

Hull:

IP55
Shock resistance IK06
Easy connection
Mounting brackets included

Technical features:

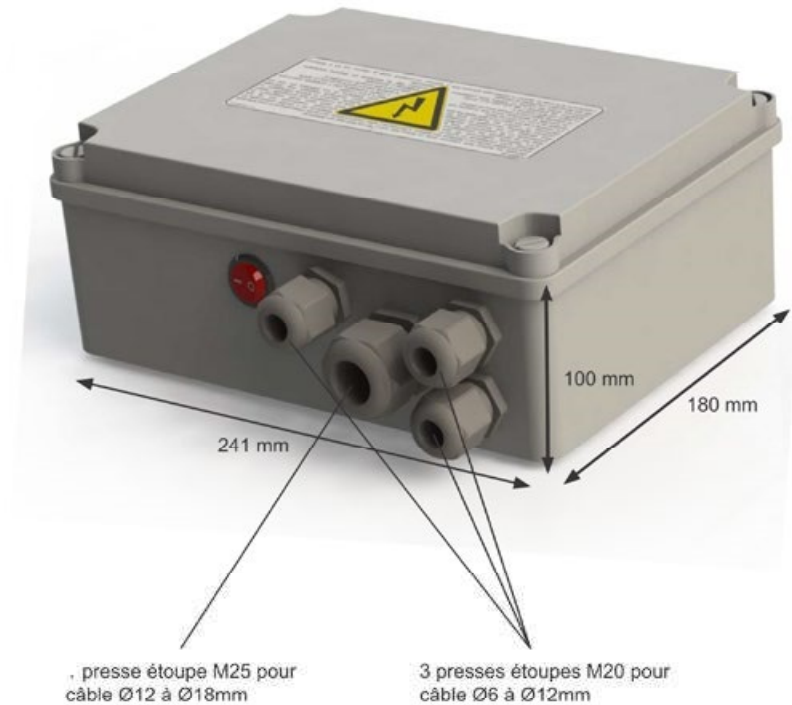
Power 230 VAC - 50/60 Hz
Electrical box 24V
On/Off button
Presence of voltage output by LED
Overcharge fuse protection
Function temperature
Storage temperature
Relative air humidity until 95%

Compliant with electrical norms

Electrical security EN60335

Compliant with CEM norms:

- Immunity according CN55014, EN61000-4-6, EN61000-4-2, EN61000
- 4-8, EN61000-4-11, tightened thresholds for EN61000-4-4 and 4-5 to 4kV
- Emissions according EN 55014-1 and EN 61000-6-3



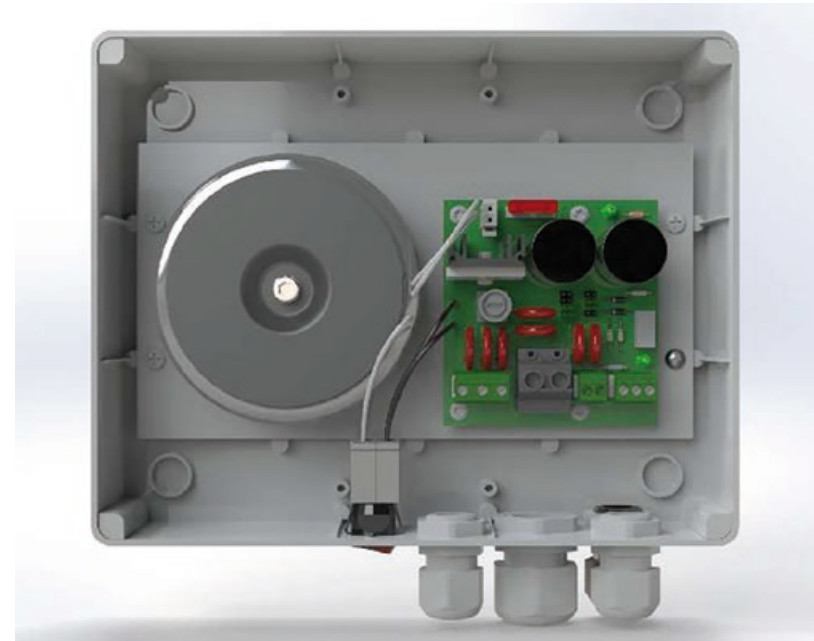
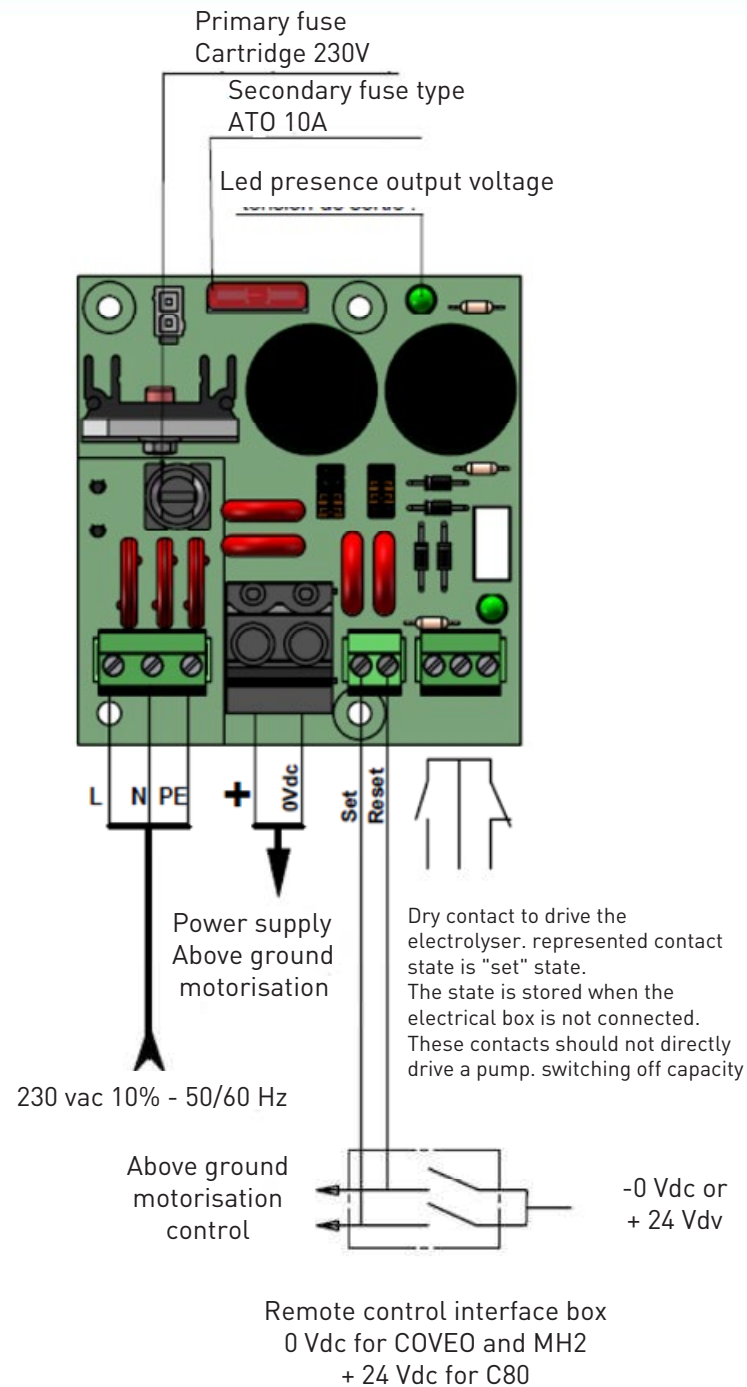
PLUGS CONFIGURATION

MH2 ou COVEO 12V
(Coffret 12V)

COVEO
(Coffret 24V)

C80
(Coffret 24V)

Electronic card details



Above ground electrical box

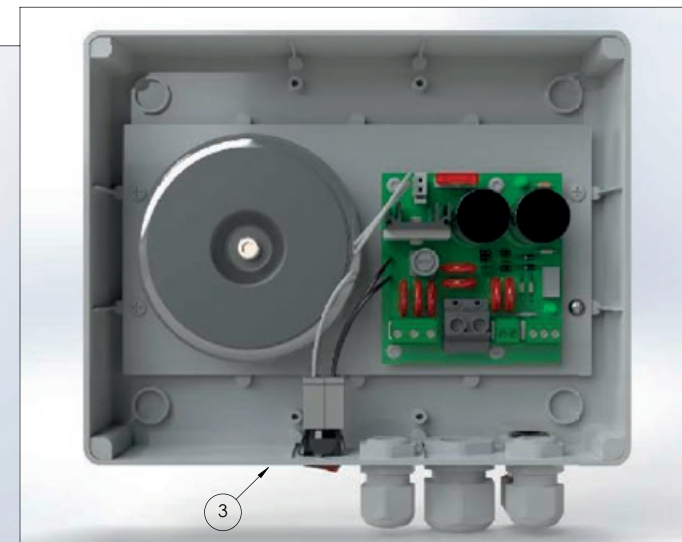
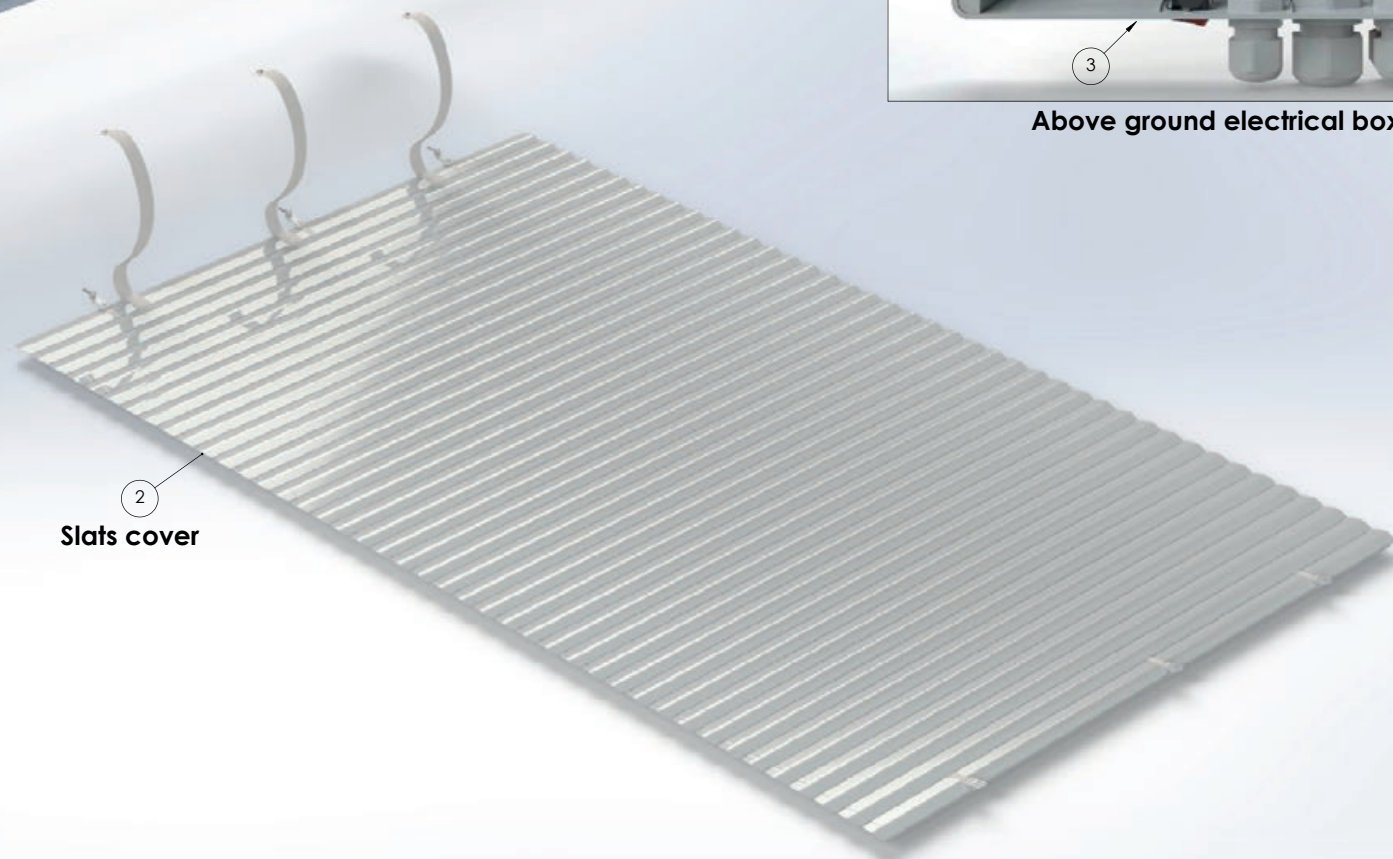


Overvoltage protection will only be fully efficient if the grounding connection has a resistance $\leq 20\Omega$. If the grounding from the main building is far from the installation site, this can not be the case. It is then essential to install a proper differential to the pool which is compliant with Standard NF C15-100.

The electro box must be installed by a qualified technician.
The electro box must also be connected to switch differential 30mA compliant with NF EN/IEC 60947-3.

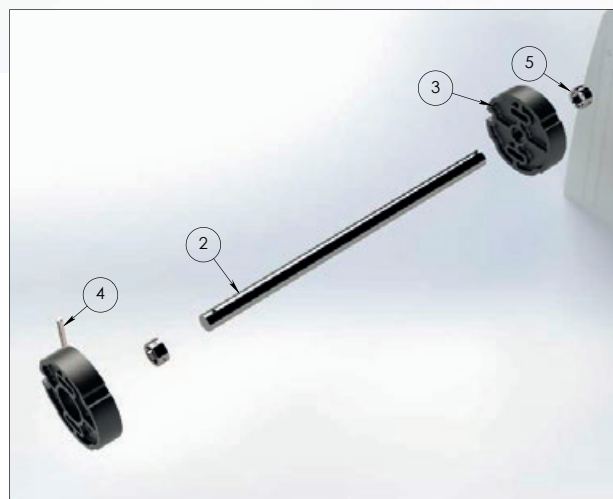
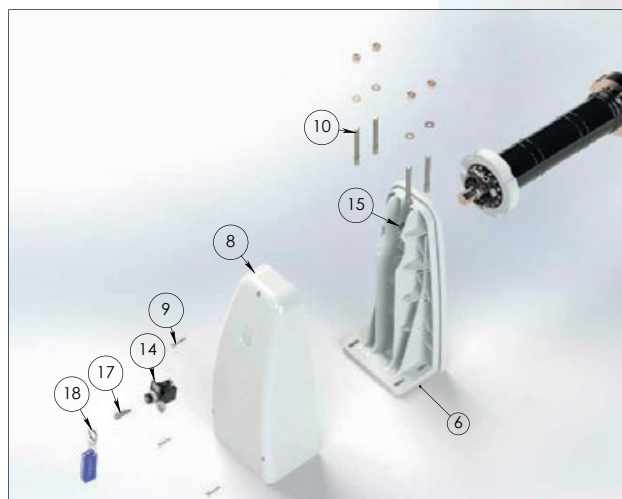


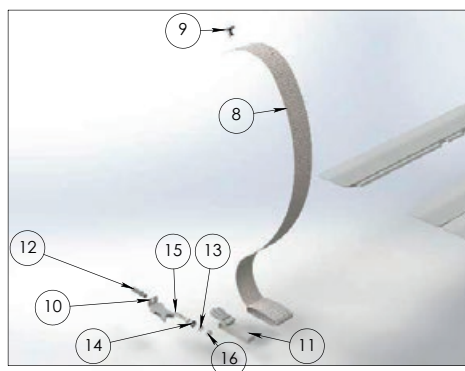
Rep:	Ref.Article	Description	quantity
1	MASFDC	Motorized Junior Silver	1
2	TABLILAME	PVC slats cover	1
3	CHS	Above ground electrical box	1



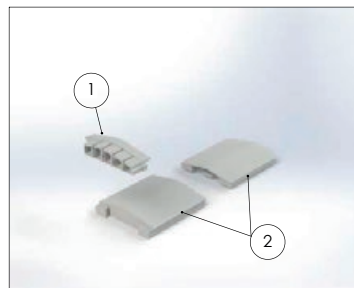
Above ground electrical box

No. ARTICLE	Ref.Article	Description	Weight (Kg)	QTY
1	AAA167	aluminium anodized axle Ø167mm	4.414 Kg	1
2	AP	bearing shaft Ø30	2.769 Kg	1
3	BND157	black ring Ø157 for axle	453 Gr	2
4	GOUIN-D8-55	stainless steel pinA4 Ø8 Lg55	21 Gr	1
5	BSDIAM30	stainless steel retaining ring Ø30	81Gr	2
6	SMA	Stand	2.613 Kg	2
7	GOUAG-D4	Clip pin Ø4	13 Gr	1
8	CAP	Stands hoods	1.156 Kg	2
9	VINTBZ-M5.5X50	stainless steel screw TB Z - M5.5x50	7 Gr	6
10	GOIN-M10	Ground fixing kit: -Stainless steel stud M10x100 -Stainless steel washer-M10 -Stainless steels nut-M10	65 Gr	8
11	VINTBZ-M5.5X32	Stainless steel screw TB Z - M5.5x32	5 Gr	8
12	VINTBZ-M5.5X19	Stainless steel screw TB Z - M5.5x19	4 Gr	4
14	COMCLE	Above ground keyswitch	52 Gr	1
15	GOUINL-D10	Stainless steel pin L Ø10	62 Gr	1
16	MHSCOV	Above ground motor SIREM COVEO	5.926 Kg	1
17	CLE-2	Key	7 Gr	2
18	PORTECLE	Key ring	0.036 Gr	1



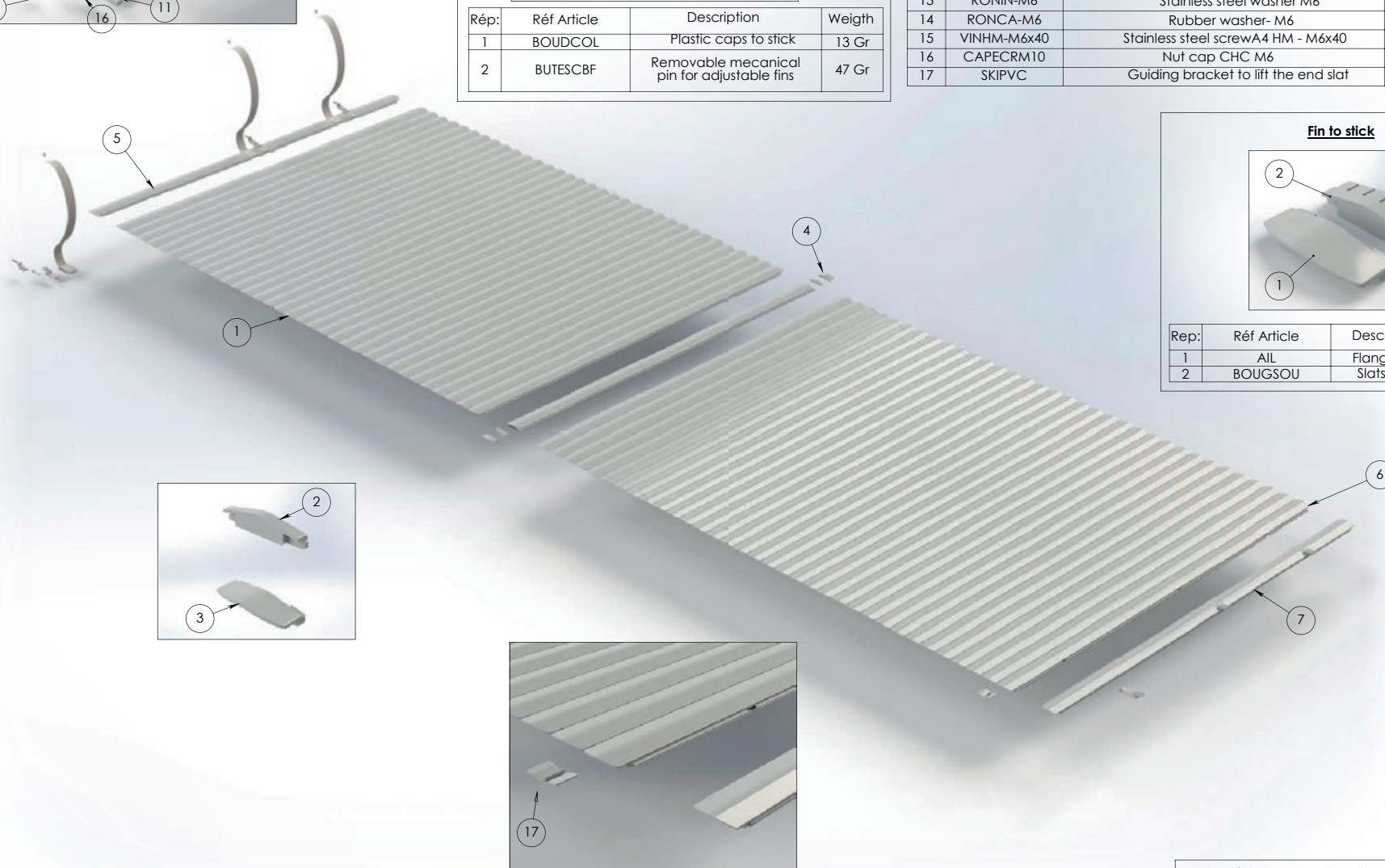


Adjustable fins option

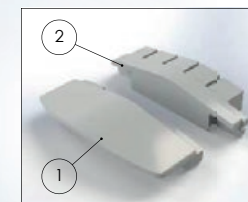


Rép:	Réf Article	Description	Weigth
1	BOUDCOL	Plastic caps to stick	13 Gr
2	BUTESCBF	Removable mecanical pin for adjustable fins	47 Gr

Rep:	Ref.Article	Description	Weight	Quantity
1	LO83	PVC slats 83mm	337gr M/L	as per pool length
2	BOUDSOU	Righthand slats cap	13gr	
3	AIL30	Fin 30mm	9gr	
4	BOUGSOU	Lefthand slats cap	13gr	
5	LO83	PVC slot high cut 83mm	337gr M/L	1
6	LO83	PVC slot low cut 83mm	337gr M/L	1
7	LO83	PVC slot male part cut 83mm	337gr M/L	1
8	SANG	Straps to fix the slats on the axle	47gr	as per pool length
9	VIQUSAN	Screw to fix the strap on the axle	15gr	
10	LANAS	Fastening system Part A	8gr	
11	LANAS	Fastening system Part B	24gr	
12	CHENYLM6	PVC toggle M6	1gr	
13	RONIN-M6	Stainless steel washer M6	1gr	
14	RONCA-M6	Rubber washer- M6	1gr	
15	VINHM-M6x40	Stainless steel screwA4 HM - M6x40	5gr	
16	CAPECRM10	Nut cap CHC M6	1gr	
17	SKIPVC	Guiding bracket to lift the end slat	15gr	



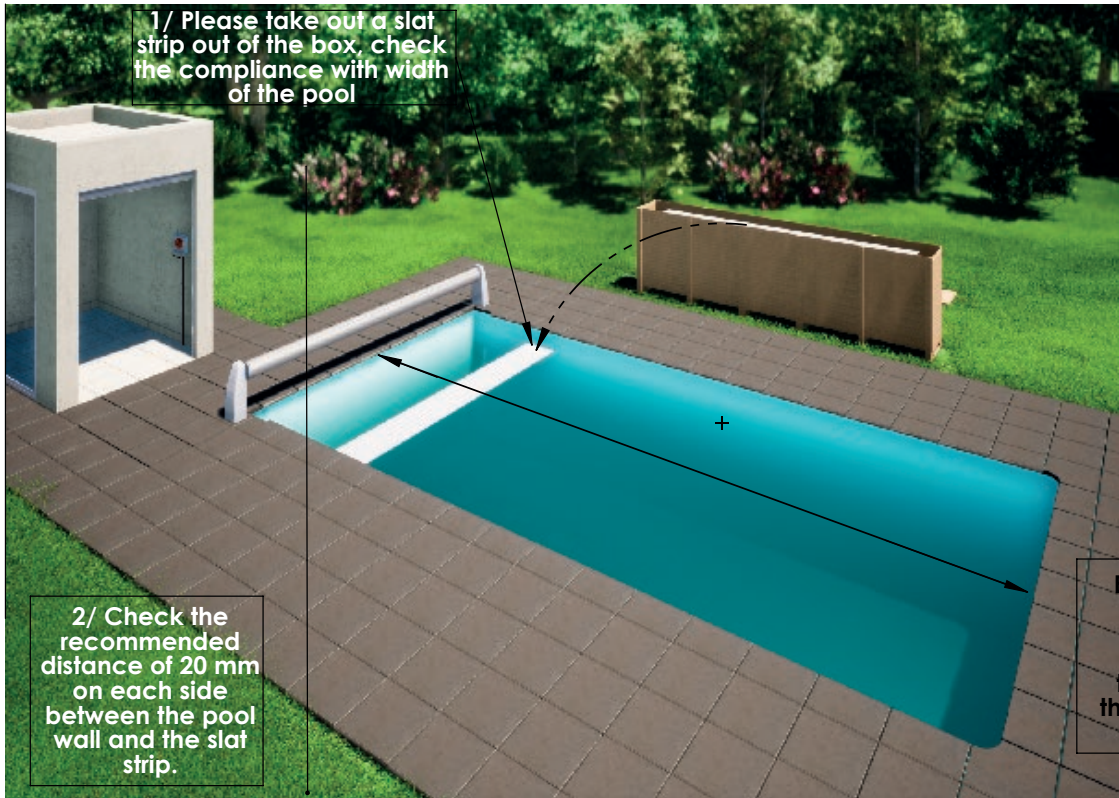
Fin to stick



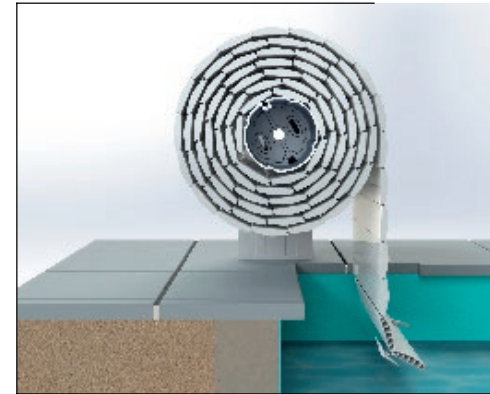
Rep:	Réf Article	Description	Weight
1	AIL	Flange 30mm	9 Gr
2	BOUGSOU	Slats endcap	13 Gr

Note : Pictures are not contractual. For information
V01-2020 PVC slats cover 83 mm

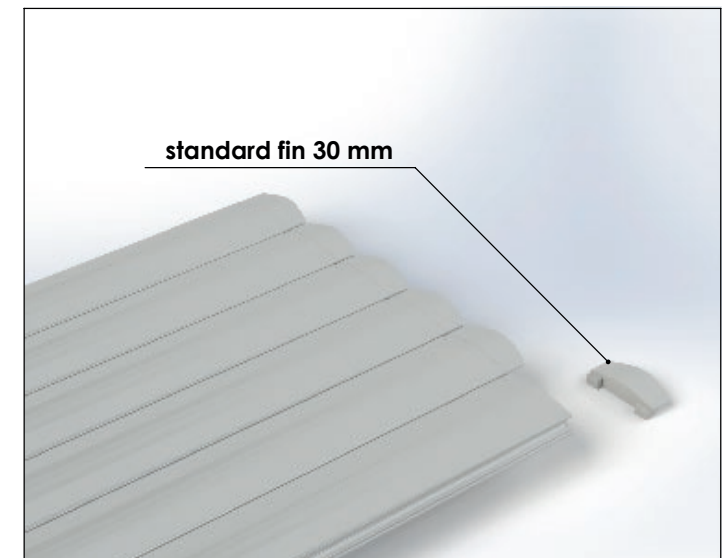
Sats cover installation

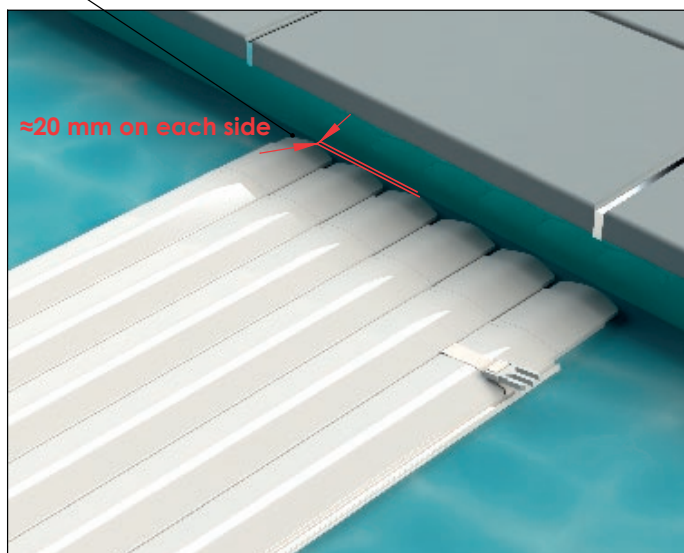
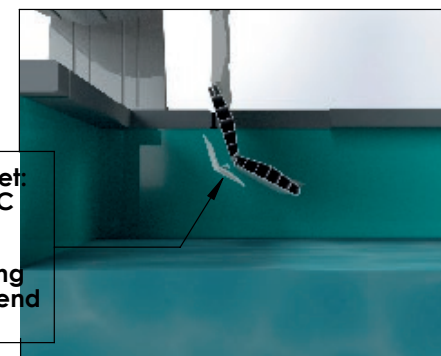
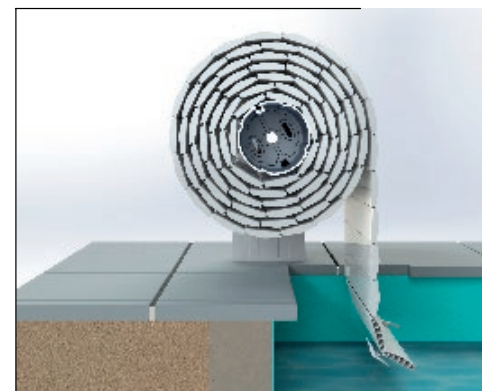
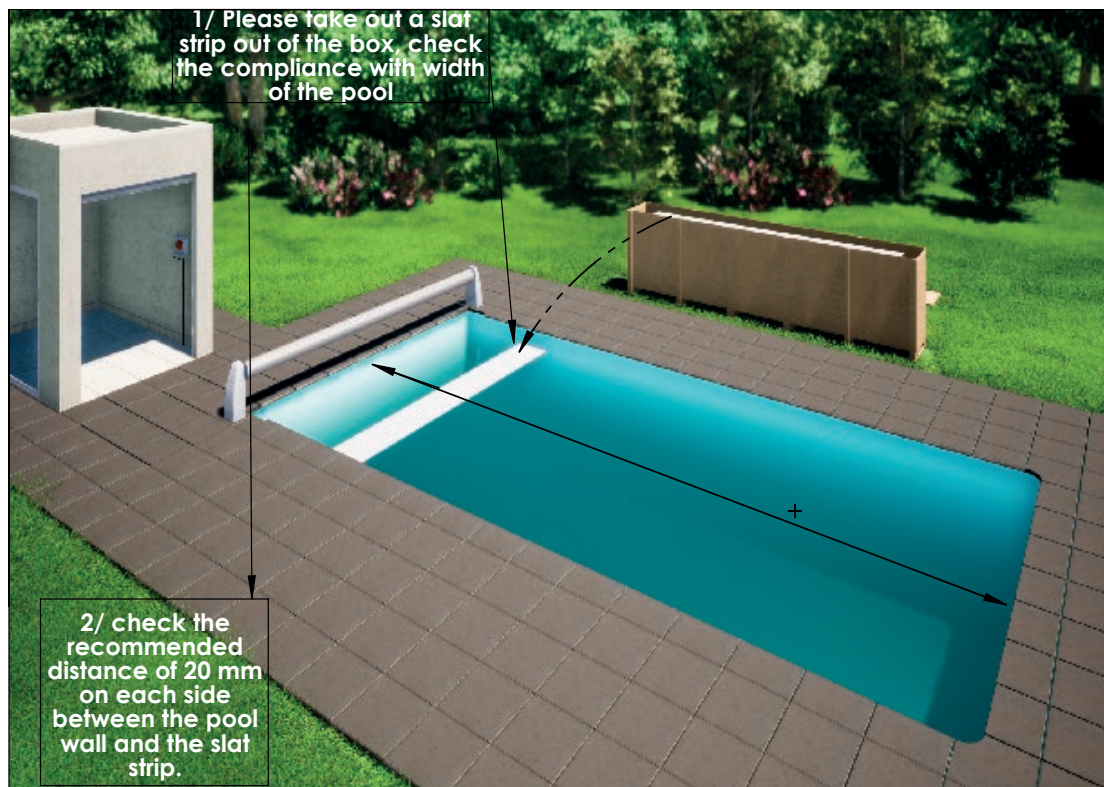


Installation of the end slot lifting bracket for above ground cover

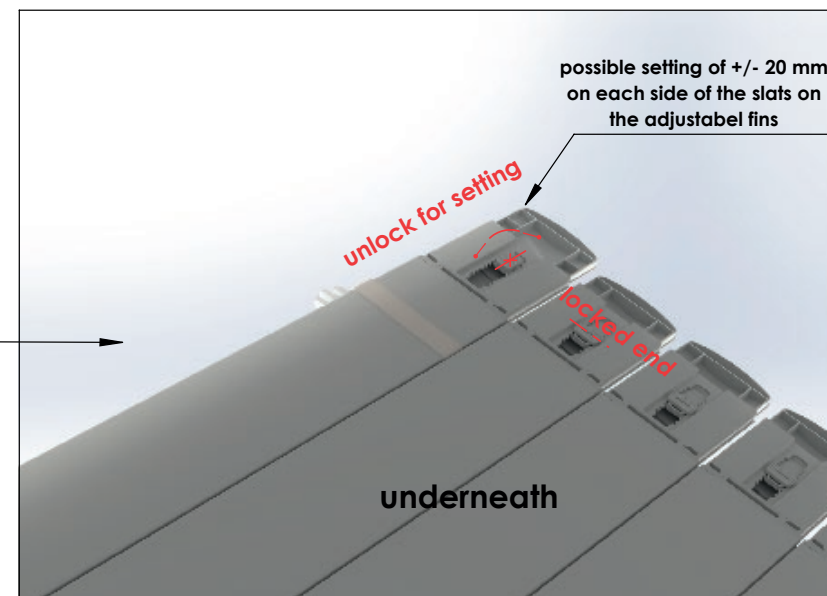


End slot lifting bracket:
Please slide the PVC
bracket
for a clipping in
the female part giving
the inclination of the end
slat at 45°

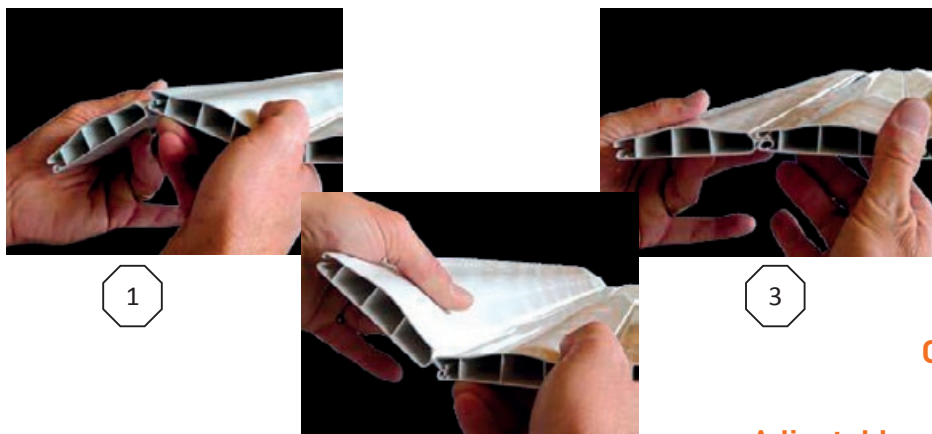




if unmet distance



Cover assembly



1

3

2

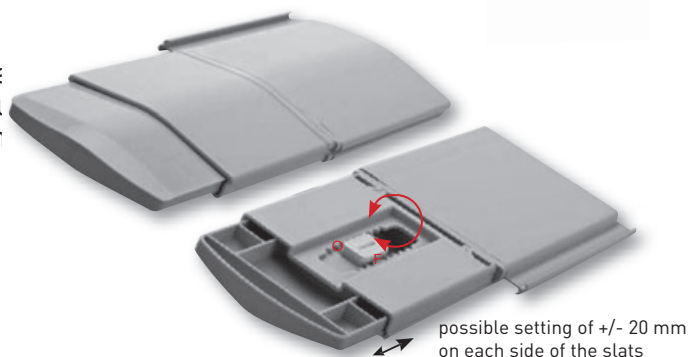
Junction between the cover and the axle



- > Cover assembly must be done when the pool is filled with water
- > Make up and down movements until the slats are locked together
- > You have to spread the lateral play on the pool cover
- > A cutting slat would automatically void the tightness and stiffness warranty.

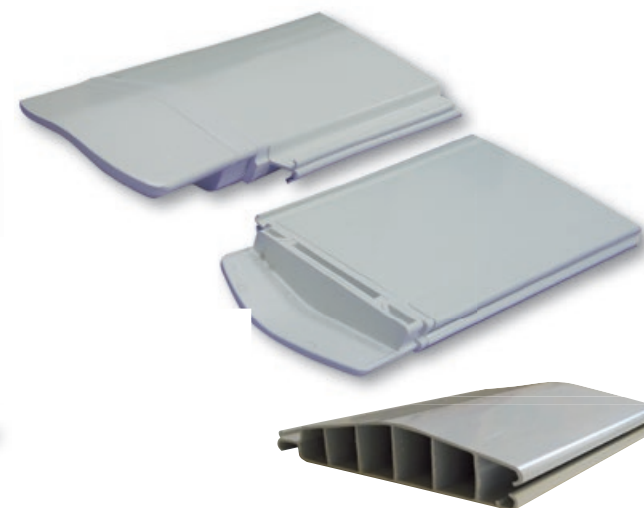
Compliant with NF P 90-308

Adjustable patented caps



possible setting of +/- 20 mm
on each side of the slats

Fixed fins

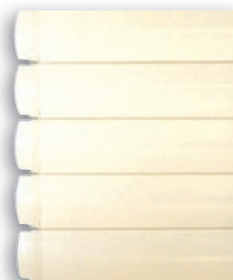


**Strengthened slat
Independent alveolus**

AVAILABLE COLORS:



White



Sand



Blue



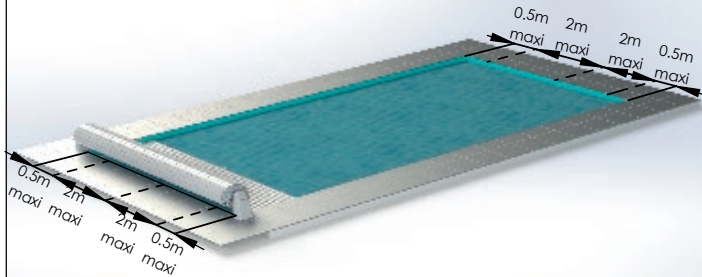
Light Grey



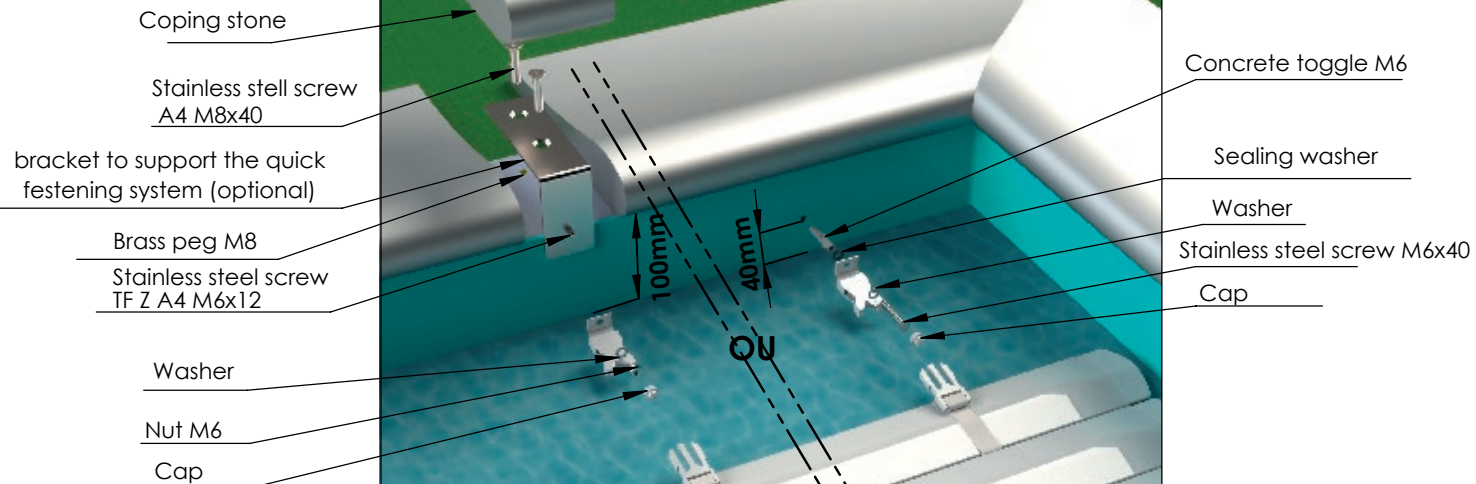
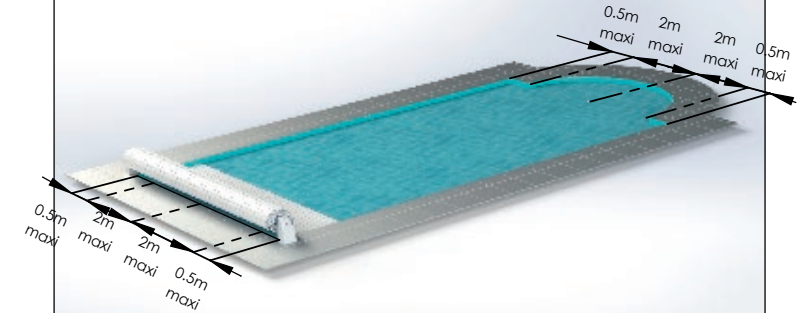
Dark Grey

Installation of the quick fastening system

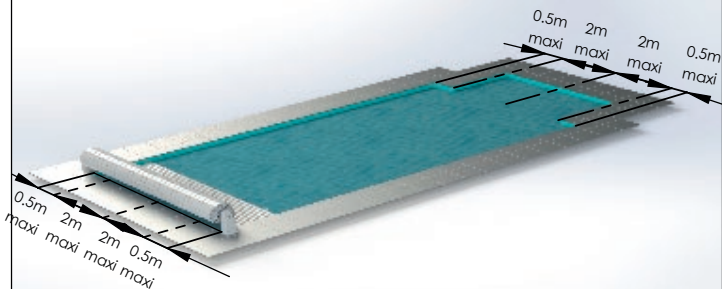
Without stairs



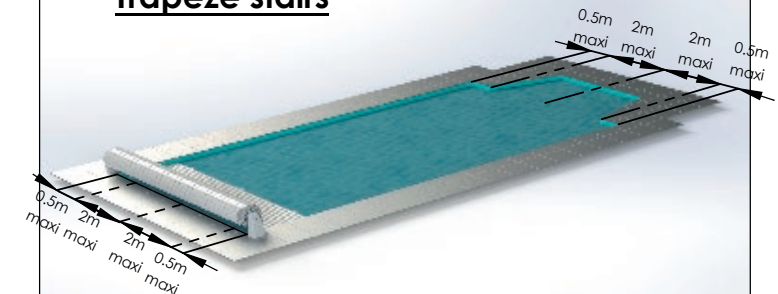
Roman stairs



Rectangular stairs



Trapeze stairs



Important advices

- Please make sure that the slats do not rub onto the skimmer straps
- We do not recommend you nor the use of the salt elektroliser, neither another electro physical device, due to the oxydation risks for submerged metals.
- We highly advise you to install an independant ground connection.
- The polycarbonate slats must stay in contact with the water surface to avoid a definitive deformation.
- The first strip equipped with quick fastening system must be fitted to the axis (fixing screw on the axis) spread equally the lateral play from the cover
- Never cut the endcaps, otherwise the rigidity and tightness would not be guaranteed anymore.
- When the cover is not in use for an extended period of time, the electrical breaker panel must be turned off.
- Fastening system are fitted with stainless hex head cap screws, as well as sealing gaskets in order to lock the straps, please click both parts together.

Walter remains at user's disposal for any further advice or information.

Cover installation

When installing this cover, the presence of 2 people is required, and one of them should be entitled to install it in compliance with Norm NF C15-100

Cover components

- > **toolbox, hammer drill, grinder, an electric screwdriver, an electrical measurement device.**
- > **We advise you to wear handgloves for the manipulation of sharp components, as well as protection goggles and safety shoes.**

Pool use

Only one adult is allowed to operate the cover. When opening and closing the pool, he must ensure that no bather is left in the pool , and remove all floating objects such (buoys, inflatable mattresses, boats or balloons) from the pool.

While closing the pool, the access must be locked with the fastening system.

For safety reasons, when closing/opening the pool, please remove the key from the keybox.

Before opening the pool, do not forget to unlock the fastening system.

to prevent the automatic cover from being stuck, the switch should not be left in intermediate position.

Before use, the water level must be checked. it should not be too high, as this would prevent the cover from working properly.

Please never empty your pool without your installer. If you own polycarbonates slats, these should always be immersed to avoid a final distortion. By sunny weather and especially when the sun shines on the slats (when the pool cover is closed) and if water temperature is higher than 30° It is also required to leave the cover rolled all night, to prevent slats damages.

Maintenance tips

The pool user is responsible for keeping his cover in good conditions.

He must clean his cover twice a year with a high pressure water cleaner and use a food descaling product and no solvent or abrasive product.

In order to keep a right water balance, without risks for the cover, following regulations are recommended :

PH between 7.2 and 7.6

Chlor between 0.7 and 1.5

Brom between 1.5 and 2.5

Overdosage of products, prolonged or repeated, may irretrievably damage the PVC slats.

Lack of treatment can lead to algae development and promote the process of decomposition and show dark spots on the PVC slats. For extended periods of pool closure it is highly recommended to check that the electrolyser is up and running.

As this type of device works continuously, the build up of chlorine can damage the PVC slats.

Considering this, it is essential to open the pool cover in order to ventilate the pool.

While opening the cover, please always keep an eye open as the pool is not protected anymore and represents a danger.

In case of chlorine overdosage, please open the cover and plug the filtration system. And always monitor the pool access.

Wintering

Depending on the geographical location and the weather conditions, your cover will survive the winter if you follow these procedures:

- > Clean your cover with a high pressure cleaner.
- > Put specific products in the water
- > Install a safety net above the cover if vegetation is nearby in order to avoid decay on the PVC slats (as the warranty does not cover failures or malfunctions caused by accumulation of leaves and debris)
- > Disconnect the power supply from the electro box.
- > Please vacuum and filtrate one hour a day throughout skimmers and install a antifreeze thermostat which aims at triggering the filtration as soon as the temperature is lower than 0 °.

Servicing

In case of failure or repair stopping the pool closure and safety.

- > Please take all necessary measures (the pool is not safe anymore) in order to forbid the access to the pool, especially to children.
- > You must check the straps once a year
- > You must control regularly the filtration system, so that it vacuums normally, and not air, as PVC slats can be damaged.
- > Please check that the slats are in good conditions, and that nothing is rolled inside the cover which can cause slats deformation.
- > Please make sure the spare parts are identical to the original ones and compliant with the technical specifications.

Warranty

The warranty is granted when normal installation, use and wintering are in line with our conditions. WALTER Piscine warrants all defective parts replacement during the warranty period as of the service enter date.

Automatic cover installation and repair must be performed by a qualified technician.

Warranty period

- > 4 years for the electrical equipment SIREM (motor, electrobox)
- > 3 years for the PVC slats regarding the buoyancy, tightness, disintegration, and articulation. Mechanism is also warranty, except for the corrosion.
- > 6 Months for the solar batteries 12V (solar rolling cover)

This warranty does not cover

- > Polycarbonate slats deformation due to lack of contact with the water surface.
- > Acts of God such as hail, storm, lightning.
- > if the product has been modified other than as authorised by Walter without our prior consent.
- > Workmanship costs for the assembly and disassembly.
- > Costs for damages as well as financial penalties.

Information before purchase

Safety cover for pool aimed at preventing the access to children under 5 years old.

Cover model : Junior Silver

Dimensions cover : width minimum 2.20 m

Water level : minimum 100 mm / maximum 120 mm

Wintering water level : minimum 100 mm

Usage period : all seasons, except for cover stuck in ice

Beware of hail (please check with your insurance)

Estimated handling time : Opening : 3 minutes / closure : 3 minutes

Number of people for handling : 1 person

Box unloading : 4 people

Brochure sheet included : by the wholesaler, installer, or customer

NB : For a maximum technical safety cover, the gap between the inner pool and the cover edge must be maximum 70 mm.

Please contact a qualified technician in order to get such a result.

in order to get the correct cover adjustment to the pool, it is essential to supply to the manufacturer a pool plan with the width and length measured every meter

Safety tips

Even if your pool is secure, please be aware that :

- > a responsible adult must always be present when the pool is open
- > There is no substitute for individual responsibility. Constant adult supervision constitutes the best protection for young children.
- > When the pool is not covered please do not allow access to very young children and take all necessary safety measures.
- > Safety is fully guaranteed when the pool cover is closed and locked with the fastening system.
- > Only a responsible adult must be entitled to operate the pool cover (closing and opening)

**To avoid any risks, there is no substitute for constant adult supervision.
Only a secured pool and mindful adults represent the best protection.**

Pool cover safety

- > Rely on one responsible adult to supervise children and not to the entire group present around the pool. everyone of them may think that another one is watching.
- > Do not leave children without supervision, a child can drown in a few minutes.
- > Make sure while swimming that your children are equipped with buoys and armbands.
- > Make sure you have rescue devices accessible near the pool (a pole, buoys, mobile phone with emergency numbers)
- > It is recommended to provide swimming lessons to your children to an early age. solid learning prevents drowning hazard.
- > Post and enforce rules such as No Running, No Pushing, and do not walk on the pool cover.
- > After swimming, remove toys, buoys, and inflatable mattresses from the pool (A child can slip beneath one unnoticed and drown)
- > Never leave the pool without putting the security system in place.
- > Please learn lifesaving techniques
- > For a better security, if you are away from home even temporarily, the cover must be automatically closed and locked up.

**A pool might represent a serious danger for your children.
Drowning happens in a few minutes.**



Please maintain constant vigilance and an active monitoring when children are nearby the pool, even if they can swim.

An adult must always be present when the pool is open