

POOL COVERS AND ROLLERS



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THERMAL COVERS FOR SUMMER



BUBBLE

Bubble model 400 µm - blue

		Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Without eyelets	Pool Type				
	Standard	09296	-	-	-
DeLuxe Model	Freeform	06214	-	-	-
	Standard	09295	-	-	-
	Freeform	03975	-	-	-

Bubble model 400 µm - blue/black

		Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
DeLuxe Model	Pool Type				
	Standard	16185	-	-	-
	Freeform	11483	-	-	-



BLUE/BLACK BUBBLE

Steps and accessories bubble models

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Straight stairs fixed price	06215	-	-	-
Roman stairs fixed price	06217	-	-	-
Other stairs fixed price	06218	-	-	-
Special cut pieces for stairs	03976	-	-	-
Additional nickel-plated brass eyelet	04001	-	-	-

The accessories list is found in page 368.

TECHNICAL FEATURES Floating Isothermal "Bubble" Covers

Composition	Polyethylene based
Joints	Ultrasonic welding
Borders	Stitched Polyethylene strips
NB Model	Only cut, without eyelets
Eco Model	Eyelets, lengthwise on both the sides
DeLuxe Model	Perimetral eyelets
Fixing	Eyelets on both ends of one long side.
	Eyelets at approx. every 65 cm on the opposite side
Composition	Nickel plated brass eyelets
Standard Packaging	Supplied in cardboard box in a protection bag and with instructions leaflet

PREMIUM THERMAL COVERS
Ultra-Thermal model 500 µm - Blue/Gold

		Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
DeLuxe model	Pool type				
	Standard	40837	-	-	-
	Free form	40839	-	-	-


High resistance model 500 µm – Reinforced Blue

		Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Without eyelets	Pool type				
	Standard	40840	-	-	-
	Free form	40842	-	-	-
DeLuxe model	Standard	40841	-	-	-
	Free form	40843	-	-	-


Steps and accessories for premium models

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Straight stairs fixed price	41149	-	-	-
Roman stairs fixed price	41150	-	-	-
Other stairs fixed price	41151	-	-	-
Special cut pieces for stairs	41152	-	-	-

THERMAL COVERS - FOAM



FOAM

5 mm Foam cover

		Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
Eco Model	Pool Type				
	Standard	09297	-	-	-
	Non-Standard	03983	-	-	-
DeLuxe Model	Freeform	03992	-	-	-
	Standard	09298	-	-	-
	Non-Standard	03991	-	-	-
	Freeform	03984	-	-	-

Steps and foam models

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Straight stairs fixed price	06215M	-	-	-
Roman stairs fixed price	06217M	-	-	-
Other stairs fixed price	06218M	-	-	-
Special cut pieces for stairs	03993	-	-	-
Additional nickel-plated brass eyelet	04001	-	-	-

Attention: Unless specified in the order, the stair cover is supplied welded to the pool cover, applying the corresponding surcharge.

The cover classification into Standard, non-standard and freeform covers are based on the different shapes indicated in the catalogue.

The accessories list is found in page 368.

- The "eco" models are provided with eyelets along side both short sides.
- The "Deluxe" models are provided with perimetral eyelets.

TECHNICAL FEATURES Foam Covers

Composition	Reticulate type Polyethylene based foam
Joints	Thermal welding using double sided Polyethylene ribbons
Borders	Stitched PVC strips
Eco Model	Eyelets, lengthwise on short the sides
DeLuxe Model	Perimetral eyelets
Fixing	Eyelets on both ends of one short side. Eyelets at approx. every 65 cm on the opposite side
Composition	Nickel plated brass eyelets
Option	Lengthwise floating Polyethylene foam reinforcement
Standard Packaging	Supplied rolled duly protected with a cover SLEEVE.

PROTECTION COVERS FOR WINTER

Gauze type - Blue model

		Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Eco Model	Pool Type				
	Standard	09285	-	-	-
DeLuxe Model	Free form	03868	-	-	-
	Standard	09286	-	-	-
	Free form	03877	-	-	-

Gauze type - Green model

		Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Eco Model	Pool Type				
	Standard	09283	-	-	-
DeLuxe Model	Standard	09284	-	-	-

Steps and accessories gauze models

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Straight stairs-fixed price	05755	-	-	-
Roman stairs-fixed price	05756	-	-	-
Other stairs-fixed price	06219	-	-	-
Special cut pieces for stairs	03869	-	-	-

Classification: The cover classification into Standard, non-standard and freeform shaped covers are based on the different shapes indicated in the catalogue.

The accessories list is found in page 368.

TECHNICAL FEATURES
Gauze Models

Composition	Wetted Poliethylene fabric 230 g/m ²
Joints	English seam
Borders	Stitched PVC strips (Eco Model) Perimetral eyelets and triangular reinforcement on the corners (for Deluxe Model)
Eco fixing	With eyelets + Double pressed rubber tensor + S.S. anchoring fixture Distance between rubber tensors = 70 cm
DeLuxe fixing	Distance between eyelets = approx. 20 cm With straps + dynamometric spring + S.S. anchoring fixture Distance between straps = approx. 1 m. Overlapping = 50 cm
Standard Packaging	Supplied in cardboard box in a protected bag and with instructions leaflet



BLUE



GREEN



BLUE DELUXE MODEL



GREEN DELUXE MODEL

PROTECTION COVERS FOR WINTER



PVC Intersup opaque model - blue/ivory

		Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
Eco Model	Pool Type				
	Standard	09338	-	-	-
DeLuxe Model	Free form	06198	-	-	-
	Standard	09339	-	-	-
	Free form	06208	-	-	-

PVC Intersup opaque model - green/ivory

		Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
Eco Model	Pool Type				
	Standard	09526	-	-	-
DeLuxe Model	Free form	09528	-	-	-
	Standard	09529	-	-	-
	Free form	09531	-	-	-

BLUE ECO INTERSUP



BLUE LUXE INTERSUP

Steps and others for Intersup models

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Straight stairs-fixed price	05755	-	-	-
Roman stairs-fixed price	05756	-	-	-
Other stairs-fixed price	06219	-	-	-
Special cut pieces for stairs	03869	-	-	-
Additional nickel-plated brass eyelet	04001	-	-	-

Fixpool opaque model blue/beige

		Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Blue/beige	Standard	09291	-	-	-
	Non-Standard	09292	-	-	-
	Freeform	09293	-	-	-



BLUE FIXPOOL INTERSUP

Classification: The cover classification into Standard, non-standard and freeform covers is based on the different shapes indicated in the catalogue.

The accessories list is found in page 368.

PROTECTION COVERS FOR WINTER

Technical Features

TECHNICAL FEATURES Intersup Eco Covers	
Composition	PVC fabric, reinforced double side 550 g/m ²
Joints	High frequency welding
Borders	Perimetral hem, joined by high Frequency welding
Fixing	nickel plated brass eyelets + Double pressed tensor rubber + S.S. anchoring fixture Distance between rubber tensors = 70 cm Distance between eyelets = approx. 20 cm.
Grid screen	Centrally located drainage grid screen in pre-shrunk PVC fabric joined by high frequency welding
Standard Packaging	Supplied in cardboard box with instructions leaflet

TECHNICAL FEATURES DeLuxe Intersup Covers	
Composition	PVC fabric, reinforced double side 550 g/m ²
Joints	High frequency welding
Borders	Perimetral hem, bound together by high frequency welding
Fixing	With straps + Dynamometric tensor + S.S. anchoring fixture Distance between straps = approx. 1m Overlapping = 50 cm.
Grid screen	Centrally located grid screen in preshrunk PVC fabric bound together by high fre- quency welding.
Standard Packaging	Supplied in cardboard box in a protec- ted bag and with instructions leaflet

TECHNICAL FEATURES Fixpool Covers	
Composition	PVC fabric, reinforced double side 550 g/m ²
Joints	High frequency welding
Borders	Perimetral hem, joined by high frequency welding. Rigid PE cable inside the hem
Fixing	By way of Fixkit + S.S. anchoring fixture Distance between them = approx. 80 cm
Grid screen	Centrally located drainage grid screen in pre-shrunk PVC fabric stitched to the cover.
Standard Packaging	Supplied in cardboard box in a protected fbag and with instructions leaflet

ACCESSORIES FOR COVERS

Accessories

8 mm rubber tensor - 03998



S.S. Spike - 03994



Retractable spike - 40950



S.S. Spike for lawn - 05732



Roller 1.50 m black strap - 25980



Fixkit clip with rubber tensor - 09439



S.S. Spike Per unit **03994**
 S.S. Spike for lawn Per unit **05732**
 Retractable cylindrical spike Per unit **40950**
 Retractable anchoring, with spring Per unit **03995**

Dynamometric spring Per unit **03996**
 1.50 m black strap for roller Per unit **25980**

8 mm rubber tensor m² **03998**
 8 mm x 60 cm Cabiclic rubber tensor Per unit **03999**
 8 mm x 25 cm Cabiclic rubber tensor Per unit **05736**
 1.20 m rubber tensor with hooks Per unit **05734**

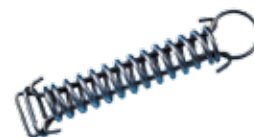
Fixkit clip with rubber tensor Per unit **09439**

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
S.S. Spike	03994	-	-	-
S.S. Spike for lawn	05732	-	-	-
Retractable cylindrical spike	40950	-	-	-
Retractable anchoring, with spring	03995	-	-	-
Dynamometric spring	03996	-	-	-
1.50 m black strap for roller	25980	-	-	-
8 mm rubber tensor	03998	-	-	-
8 mm x 60 cm Cabiclic rubber tensor	03999	-	-	-
8 mm x 25 cm Cabiclic rubber tensor	05736	-	-	-
1.20 m rubber tensor with hooks	05734	-	-	-
Fixkit clip with rubber tensor	09439	-	-	-

Concealable anchoring, with spring - 03995



Dynamometric spring- 03996



60 cm Cabiclic rubber tensor - 03999



25 cm Cabiclic rubber tensor - 05736



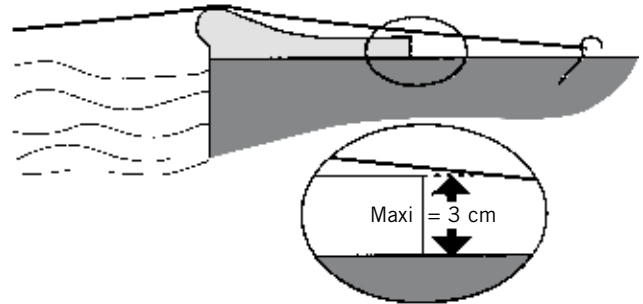
Rubber tensor with hooks - 05734



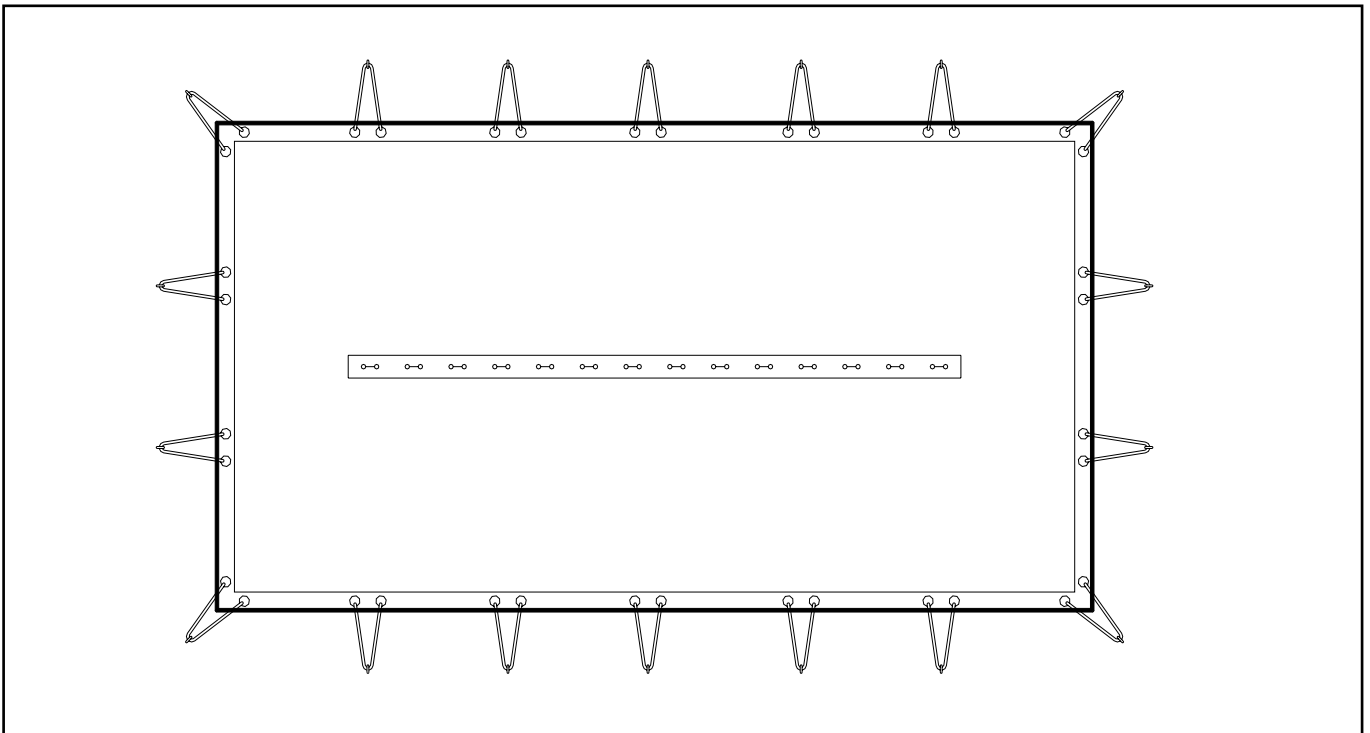
WINTER COVER INSTALLATION

IMPORTANT

- Each cover is individually designed according to its shape, material and fastening.
- To avoid a premature cover wear and tear rubbing
- Against coping material, the following precautions should be observed when installing it:
- The coping material should not be more than 3 cm thick.
- The cover warranty will not be applicable in case of faulty installation, deficient maintenance or wearing
- Caused by coping elements.



USING CLIPS OR RUBBER TENSORS

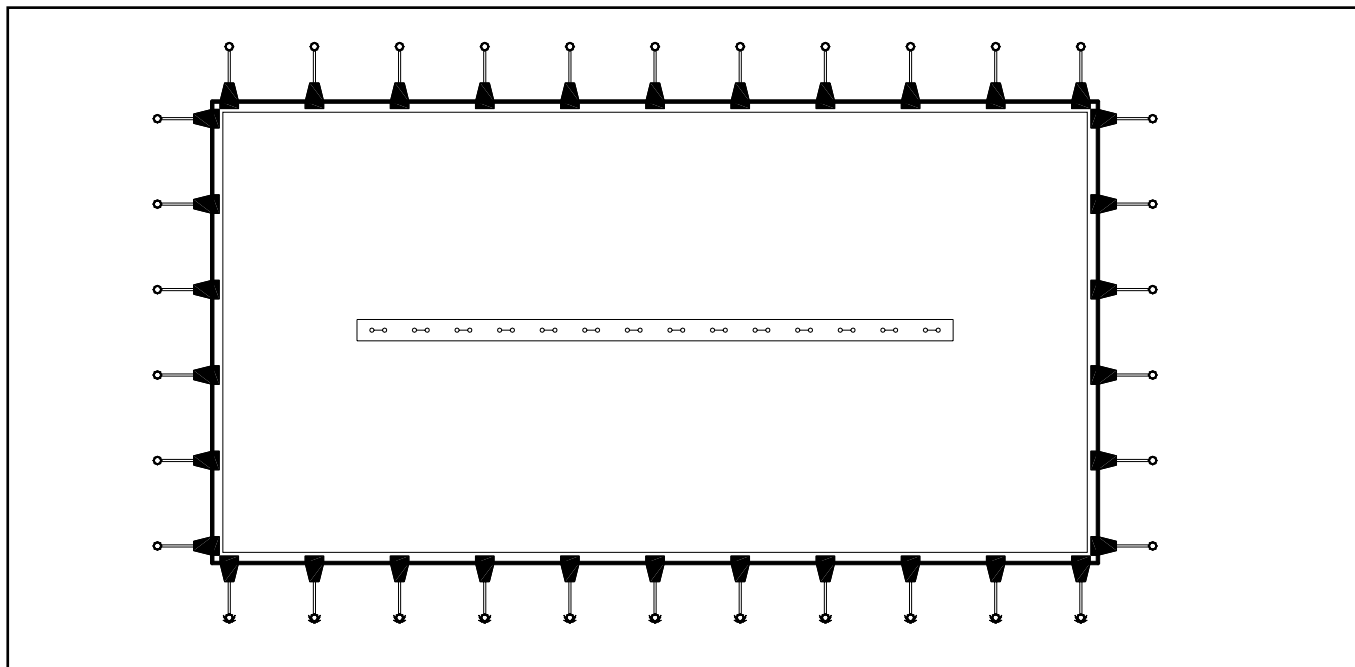


- 1) Make holes in the corners at 40 cm from the coping stone edge.
- 2) Fix the cover at the 4 corners.
- 3) Parallel to each eyelet, drill the other holes at 40 cm from the coping stone edge.
- 4) Tension the cover, leaving a certain allowance to the rubber tensors.

N.B.: In very windy regions, we suggest installing double water drains on the side which is most exposed to the wind.

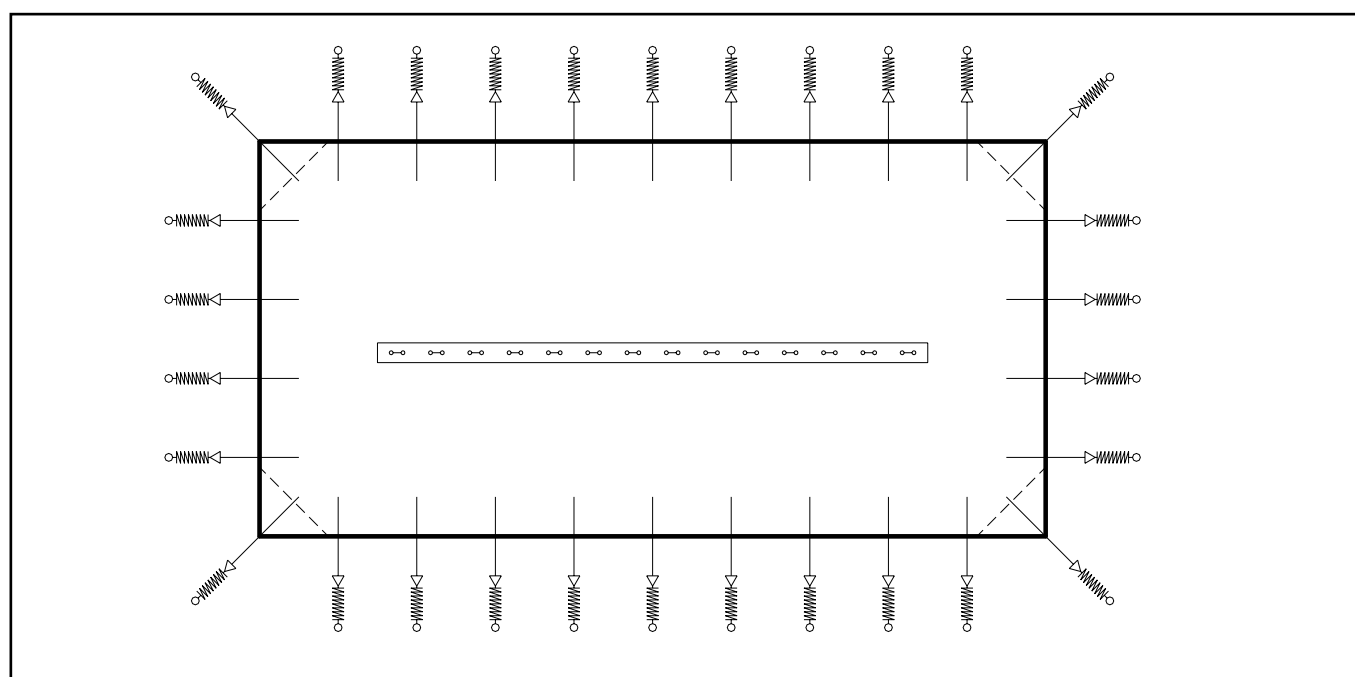
WINTER COVER INSTALLATION

WITH FIX KIT



- 1) Drill at the 4 corners at 40 cm from the coping stone edge.
- 2) Fix the cover at the 4 corners.
- 3) Parallel to each eyelet, drill the other holes at 40 cm from the coping stone edge.
- 4) Tense the cover, leaving a certain allowance in the elastic belt tension.

WITH STRAPS



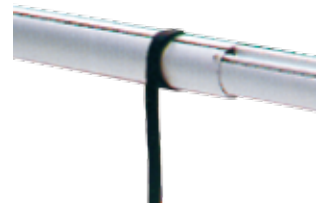
- 1) Drill at the 4 corners at 40 cm from the coping stone edge.
- 2) Fix the cover at the 4 corners.
- 3) Parallel to each eyelet, drill the other holes at 40 cm from the coping stone edge.
- 4) Tense the cover, leaving a certain allowance in the rubber bands.

N.B.: In very windy regions, we suggest installing double water drains on the side which is most exposed to the wind.

STORAGE ROLLERS FOR COVERS

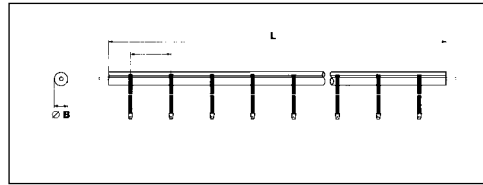
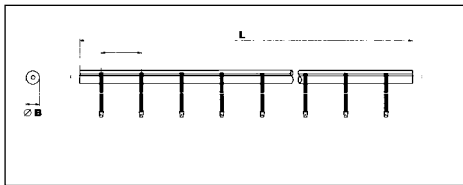
Central pipe in anodised aluminium Ø 100 mm

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Fixed pipe, length 4.5 m	07622	1	12.0	0.059
Fixed pipe, length 5.5 m	07623	1	14.3	0.071
Fixed pipe, length 6.6 m	07624	1	17.4	0.084
Telescopic pipe, length 4 - 5.5 m	07625	1	12.8	0.054
Telescopic pipe, length 4 - 6.6 m	07626	1	15.5	0.067
Other lengths, available on request				



Fixed pipe

Telescopic pipe



Pipe code	L (m)	Ø B (mm)	N° straps
07622	4.5	100	8
07623	5.5	100	8
07624	6.6	100	10

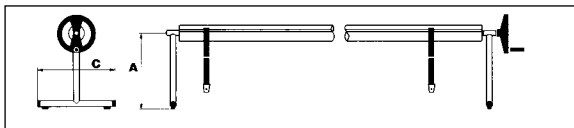
Pipe code	L (m)	Ø B (mm)	N° straps
07625	4.0 - 5.5	95/100	8
07626	5.0 - 6.6	95/100	8

Stainless Steel fixed end supports

Set of 2 brackets in "T" shape. Includes steering wheel operation with 8 straps for fixing the cover.

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
A set of 2 "T" supports in AISI-304	07631	1	4.8	0.035

The pipe is not included in the price



Pipe code	A (mm)	C (mm)
07631	500	514



STORAGE ROLLERS FOR COVERS

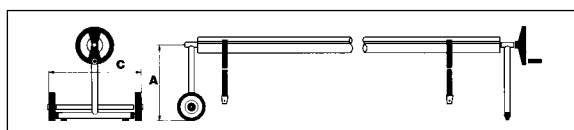
Stainless Steel mobile support



A set of 2 supports, one "T" end fixed support and the other end support with wheels. Includes 8 straps to tie the cover.

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Supports in AISI-304	07628	1	7.2	0.035

The pipe is not included in the price.



Code	A (mm)	C (mm)
07628	500	650

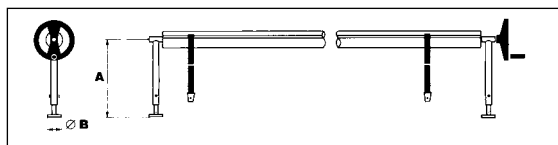
Fixed support for roller



Two flange fixing supports with adjustable height from 500-800 mm in AISI-304. Fixed to the floor with flanges. Includes 8 straps for fixing the cover.

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
	07629	1	7.2	0.029

The pipe is not included in the price.



Code	A (mm)	B (mm)
07629	500 to 800	100

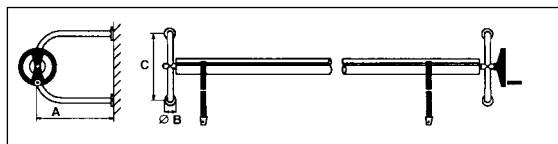
Wall support for roller



Pair of wall fixing supports. In S.S. AISI-304. Includes 8 straps for fixing the cover.

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Set of 2 supports	07630	1	6.6	0.087

The pipe is not included in the price.



Code	A (mm)	B (mm)	C (mm)
07630	500	100	500

STORAGE ROLLERS FOR COVERS

Plastic supports for roller

Set of 2 plastic supports with hand grips for easy handling. One support comes with 2 wheels and the other is fixed. Suitable for all roller range in this catalogue.

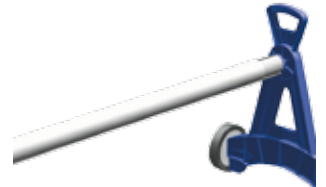


	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
A set of 2 plastic supports	22489	1	4	0.055

The pipe is not included in the price.

Ø 80 mm telescopic pipe for storage roller

3 piece telescopic. Ø 80 mm. Aluminium pipe Can be mounted with the whole range of roller supports offered in this catalogue.



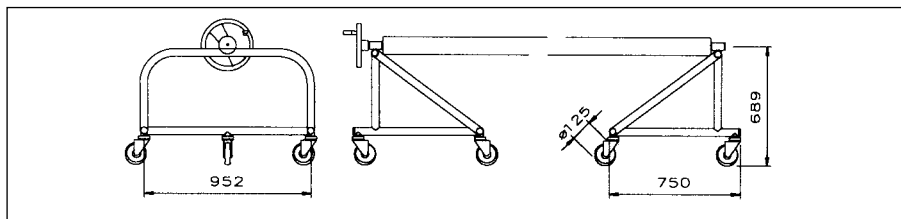
	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Telescopic pipe 4 - 5.5 m	24762	1	12.8	0.035
Telescopic pipe 5 - 6.6 m	30806	1	15.5	0.043

Roller supports (for larger pools)

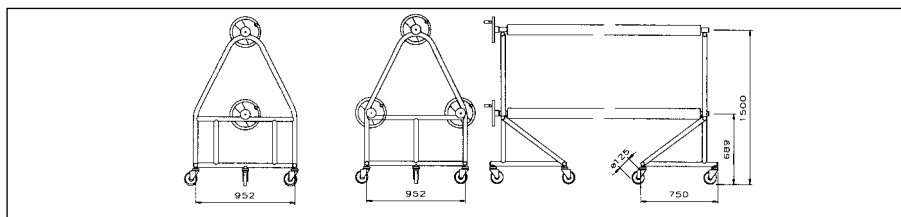
Suitable for fixed roller pipes 07622, 07623 and 07624 or telescopic pipes 07625 and 07626, with 1, 2 or 3 rollers and steering wheels and rotating bar wheel for handling covers. Contains of 2 Stainless Steel AISI-304 structures with wheels (1 set with brakes) to move the roller . Includes 8 straps per roller.



	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
2 mobile supports with 1 roller pipe	15836	1	36.4	0.937
2 mobile supports with 2 roller pipes	15835	1	27.4	1.46
2 mobile supports with 3 roller pipes	15834	1	28.4	1.46



Mobile supports with 1 pipe.



Mobile supports with 2 and 3 roller pipes.

AUTOMATIC COVERS

The AstralPool automatic cover

AstralPool is continually incorporating the latest innovations to its products in matters of safety. As such the automatic pool covers have been developed to meet the demands of the French standard NF P90 308, which guarantees maximum user safety.

The AstralPool automatic covers cover the whole pool and are easily rolled up or spread thanks to their in built motorized roller. The turning of a key is all that is needed to get it working.

Manufactured with rigid slats available in various colours, their design and composition provide a floating cover which covers the whole of the water surface and which is very effective as a thermal insulator. To meet the requirements of both existing and new-built swimming pools there are seven models available, the submerged models Roussillon, Conflent and Ceret, the above-ground models Carlit and Vallespir, and the above-ground models with protective casing Capcir and Narbonne.

The submerged automatic cover models Roussillon, Conflent and Ceret allow the cover to be completely integrated into the swimming pool. The mechanical installation is located in a pit annexed to the pool, which is separated by a small concrete or PVC partition.

The above-ground models (Carlit and Vallespir) are the most suitable models for installing in existing pools as the roller is located on the outside of the pool, anchored to the pool surround.

The above-ground models with protective casing (Capcir and Narbonne) are the basic above-ground models which can be complemented with a bench that covers the mechanical installation, giving it a high-quality finish. For installation in existing swimming pools.

Main advantages

- Increased safety in the swimming pool to protect people and pets from falling accidentally into it. The floating slats cover the entire water surface.*
- Very convenient to use, the swimming pool is covered and uncovered in silence by simply turning a key.
- Represents a considerable saving:
 - It acts as a thermal barrier preventing heat losses and extending the pool use season.
 - It is a basic complement for pool heating conditioning.
 - It prevents evaporation, therefore it saves water.
 - It reduces algae formation, which results in an important saving in chemical products.
- In indoor pools no condensation is produced in the enclosed hall, thus avoiding deterioration of building materials.
- Lower maintenance costs: reduction of suspended particles.
- The automatic cover enables greater customisation of the swimming pool, increasing its value.

AstralPool service

- The wide AstralPool commercial network offers immediate service.
- We offer our clients pre- and post-sales technical assessment.
- The manufacturing technical sheet will be used to make a cover which is perfectly adapted to your needs.
- All AstralPool covers undergo strict quality control based on the most demanding regulations.
- Assembly and Civil Engineering Manuals are available to allow building the swimming pool with the ideal requirements for subsequent installation of the submerged cover.

(*) Our automatic covers comply with the requirements of the French standard NF P90-308 which demands the use of standardized safety mechanisms to prevent the risk of drowning by accidental falls into the pool.

AUTOMATIC COVERS

Advice for use and winterizing

We recommend to follow these basic indications to obtain the optimum performance from the automatic cover:

- Before operating the cover you must ensure that nobody is in the swimming pool and that there are no objects that could become obstacles to its normal operation.
- Maintaining the correct water level is also important, as a level which is too high or too low can cause blockages at the tie beam, partition or the steps.
- During the retrieving and expanding operations the cover should not be blocked, as this action could be dangerous as well as harmful to the operating mechanism.
- If an automatic pool floor cleaner is used make sure that when the cover is extended neither the hose nor the power supply cable is caught up.
- Regular cleaning of the cover with a pressure cleaning device or with a PVC descaling liquid is recommended. This will also prevent leaves from settling on the cover which could otherwise stain the slats..
- In the case of a hail storm we recommend that you retrieve the cover.
- In the Roussillon submerged model we recommend that you always keep the motor housing dry to prevent the geared motor from getting wet.

For good winterization, and in order to find the pool in the best conditions in the spring, we recommend to take the following indications:

- Leave the cover extended over the water surface.
- Keep the water level constant. An excess should be drained through the main drain or the skimmer box.
- It is advisable to clean the trapdoor and the motor housing with a high pressure cleaner before the pool is winterized.
- Place a number of anti-freeze floats in the trapdoor casing, behind the cover. The skimmers should also be protected in the same way.
- We recommend the installation of a plastic type cover to prevent leaves and other substances from obstructing the trapdoor, which should be cleaned regularly.
- In the case of freezing, avoid forcing or pressing down hard on the slats as they could be damaged.
- If the motor is in risk of flooding it is advisable to cut off the power supply and remove the motor.

PLEASE FILL IN THE FORM PAGES FOR ENQUIRES...

AUTOMATIC COVERS: THE SLATS

The slats

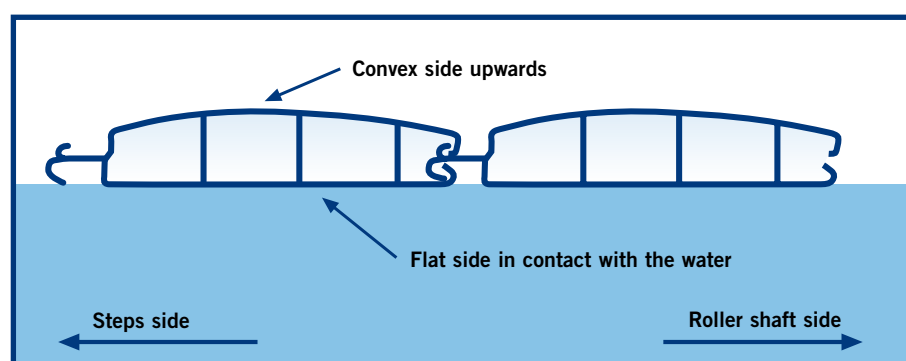
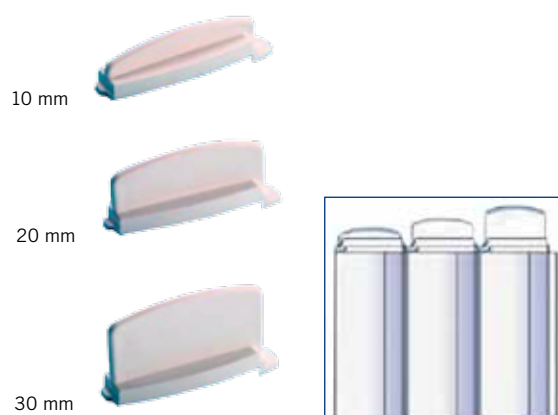
The AstralPool automatic cover uses hollow extrusion PVC watertight slats. The end-caps welded at both ends ensure their floatability. The 20 mm wide cap flaps can assure the total length of the slats. These flaps can also be of 10 or 30 mm, thus altering the total width of the pool cover.

The slats are 71.4 mm wide and 17 mm thick, guaranteeing their floatability. In order to avoid stains, specially organic ones, the slats are coated with calcium-zinc.

In order to best integrate the cover into the environment, you can choose from the different slat models: White, Sand, Opaque Blue, Grey, Translucent Blue* and solar captor*. The slats in translucent blue and solar captor can only be used in Northern Europe or in areas where there is less solar radiation.



Pool length	Spool for an aluminium Ø 146 mm shaft (shaft used for pools up to 6 m wide)
1 m	220 mm
2 m	290 mm
3 m	320 mm
4 m	360 mm
5 m	390 mm
6 m	430 mm
7 m	460 mm
8 m	470 mm
9 m	490 mm
10 m	530 mm
11 m	540 mm
12 m	560 mm



WHITE		SAND		BLUE		GREY		BLUE TRANSLUCID*		SOLAR*	
Maximum width.	Code	Maximum width.	Code	Maximum width.	Code	Maximum width.	Code	Maximum width.	Code	Maximum width.	Code
3.5 ml	34755	3.5 ml	34761	3.5 ml	34758	3.5 ml	40998	3.5 ml	34764	3.5 ml	37101
4 ml	31168	4 ml	31169	4 ml	31170	4 ml	41000	4 ml	31171	4 ml	37102
4.5 ml	34756	4.5 ml	34762	4.5 ml	34759	4.5 ml	41001	4.5 ml	34765	4.5 ml	37103
5 ml	31172	5 ml	31173	5 ml	31174	5 ml	40761	5 ml	31175	5 ml	37104
5.5 ml	34757	5.5 ml	34763	5.5 ml	34760	5.5 ml	41002	5.5 ml	34766	5.5 ml	37105
6 ml	31176	6 ml	31177	6 ml	31178	6 ml	41003	6 ml	31179	6 ml	37106
7 ml	31900	7 ml	31901	7 ml	31902	7 ml	40762	7 ml	31903	7 ml	37107
8 ml	31905	8 ml	31906	8 ml	31907	8 ml	41004	8 ml	31908	8 ml	37108
9 ml	35132	9 ml	35134	9 ml	35137	-	-	-	-	-	-
10 ml	35133	10 ml	35135	10 ml	35138	-	-	-	-	-	-
11 ml	33112	11 ml	35136	11 ml	33343	-	-	-	-	-	-

* For use only in Northern Europe. Not recommended for use below 45° latitude. For bigger widths, please enquire. ml = meter length.

AUTOMATIC COVERS: THE SLATS

Step slats

In order to adapt to any swimming pool shape, 3 different geometric shapes are offered, thus ensuring a perfect fit to the outline of the swimming pool and maximum safety.

The available shapes are Roman steps, Straight steps and Trapezoidal steps.



METHOD TO CALCULATE OF STEPS SLATS

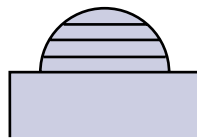
ROMAN STEPS

Location:

It must be located on the side opposite to the cover motor.

Step price:

Roman step pricelist.



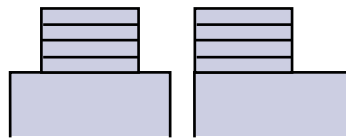
STRAIGHT STEPS

Location:

a) Located in front of the cover motor.

Step price:

Straight step price.



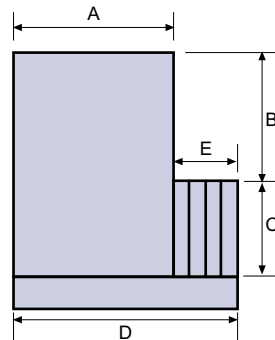
Location:

b) Located next to the cover.

Step price:

Slat pricelist per metre length $D \times (C + 1)$.

- The length of side D includes the width of the pool $A + E$ (width of steps).



NOTE FOR SIDE STEPS:

Calculation of the total slat price:

Steps price + slat price $(A \times B)$

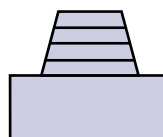
ISOSCELES TRAPEZOIDAL STEPS

Location:

Located in front of the cover.

Step price:

Trapezoidal step pricelist.



AUTOMATIC COVERS: SLATS

Step slats

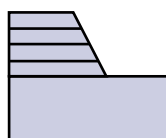
RECTANGULAR TRAPEZOIDAL SLATS

Location:

a) Located in front of the cover

Step price:

Trapezoidal step price.



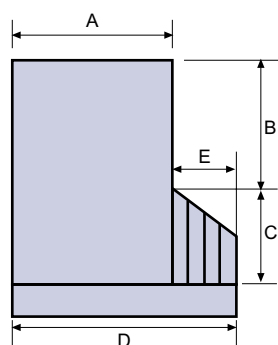
Location:

b) Located next to the cover

Step price:

Slat price per metre length
 $D \times (C + 1 \text{ m})$ + slat cutting surcharge
 for custom cutting per metre length.

- The length of rollers includes the width of the pool A + the depth of the steps E.



NOTE FOR LATERAL STEPS:

Calculation of total slat price: Step price + slat price (A x B)

Description	White	Sand	Opaque Blue	Grey	Blue traslucid*	Solar*
Square-cut Roman ladder						
Ø 3 m	31182	31183	31184	41043	31185	37092
Ø 4 m	31186	31187	31188	41044	31189	37093
Shape-cut Roman ladder						
Ø 3 m	37094	37188	37190	41045	37192	37194
Ø 4 m	37095	37189	37191	41046	37193	37195
Straight steps						
2 x 1.5 m	31190	31191	31192	41047	31193	37090
2.5 x 2 m	31194	31195	31196	41048	31197	37091
Square-cut Trapezoidal ladder						
3 m base	31198	31199	31200	41049	31201	37096
4 m base	31202	31203	31204	41050	31205	37097
Shape-cut Trapezoidal ladder						
3 m base	37098	37196	37198	41051	37200	37202
4 m base	37099	37197	37199	41052	37201	37203

Two finishing options: Square-cut and Shape cut

*For use only in Northern Europe. Not recommended for use below 45° latitude. For larger widths, please ask. ml = lineal metres

Code	Step Accessories
31206	Clamp to block steps
31180	Special square cnt for free form
38735	Special free form cnt

AUTOMATIC COVERS: ACCESSORIES

Cover accessories

We offer a list of accessories for both the use and the maintenance of the automatic cover.

Accessories	Code
Lift-prevention bracket, new-built pool with strap fastener. (This model is the one served under express order of another code)	31181
Lift-prevention bracket in ABS for wall fixing + belts	34754
ABS bracket + S.S. support to install under the coping stone + belt	35131
Bracket slat plug - overflow pool	31943
Sky for above-ground cover model	31944



Holding and lifting straps
Lift-prevention bracket



ABS fixture for wall fixing



ABS bracket for fixing under the coping stone.



Cover strap fastener



Bracket slat plug



Above-ground cover Sky

In compliance with the French standard NF P90-308 for swimming pool covers the following straps will be supplied according to depending on the kind of cover and the swimming pool:

Submerged models and above-ground models with protective casing:

- Cover with steps: 3 units
- Cover without steps: 2 units

Above-ground models:

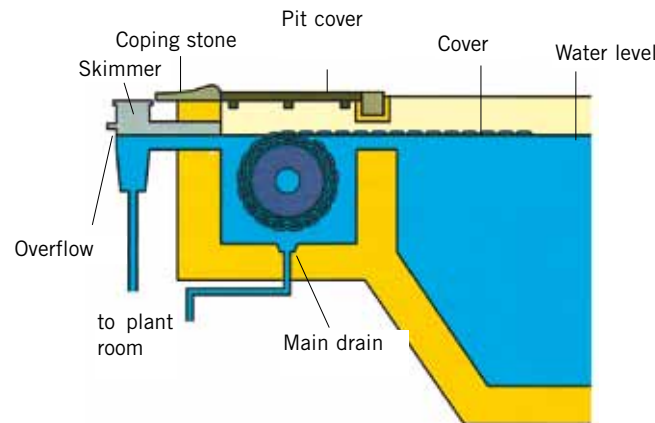
- Cover with steps: 5 units (2 on the motor side and 3 on the steps side)
- Cover without steps: 4 units (2 on the motor side and 2 on the opposite side)

AUTOMATIC COVERS: SUBMERGED MODELS



Roussillon submerged model

The Roussillon automatic cover is the submerged model which incorporates the motor in a separate pit, and both the roller shaft as well as the cover are housed at one end inside the pool itself. The submerged pit containing the roller shaft from the main pool should be separated from the main pool by a small concrete partition at the time of construction or with a PVC partition later on. The basic elements for assembling the cover are the slats, the step slats, the mechanical kit, the embedding kit, the aluminium tie beam and the pit cover.



MECHANICAL KIT

Includes the following elements:

- Ø 146 mm extruded aluminium roller shaft, 5 mm thick and Ø 30 mm connecting shaft.
- Motor supporting bracket.
- Watertight gaskets on the wall conduit side.
- Watertight gaskets on bearing support side.
- 24 V geared motor with stainless steel support bracket.
- 220/24V standard switchboard.
- On-off key switch.

Should be installed in full view of the pool. It operates with the key in the continuous contact position.



Geared motor
24 V



On-off key switch



220/24V operation
switchboard



Extruded aluminium shaft

Maximum pool dimensions	Extruded shaft	Reducer motor Nm	Code
4x12 m	5 mm thick Aluminium shaft Ø 146	120 Nm	31144
5x12 m	5 mm thick Aluminium shaft Ø 146	120 Nm	31145
6x12 m	5 mm thick Aluminium shaft Ø 146	250 Nm	31146
7x15 m	3 mm thick Aluminium shaft Ø 168.3	250 Nm	31904
8x15 m	3 mm thick Aluminium shaft Ø 168.3	250 Nm	31909
8x16 m	3 mm thick Aluminium shaft Ø 168.3	600 Nm	31909-006
9x22 m	2 mm thick Aluminium shaft Ø 300	600 Nm	34767
10x22 m	2 mm thick Aluminium shaft Ø 300	600 Nm	34768
11x22 m	2 mm thick Aluminium shaft Ø 300	600 Nm	34769

AUTOMATIC COVERS: SUBMERGED MODELS

Roussillon submerged model

COMPLETE ELECTRICAL SWITCHBOARD (optional)

The 220/24V (120 & 250 Nm) standard electrical switchboard is included in the mechanical kit. Also available is a complete electrical switchboard which includes two spare contactors. One is for stopping salt electrolysis pool treatment when the cover is extended. The second contactor is meant for adapting a pressure cleaning system to the cover.



Electrical switchboard with options	Code
Switchboard operation with two spare contactors	31147

Note: If a salt chlorinator is used an earthing connection should be installed.

EMBEDDING KIT

Includes the following elements:

- Wall conduit .
- Bearing support bracket for embedding.
- Embedding parts (2) for tie beam support bracket.
- Watertight gaskets for wall conduits

Embedding Kit	Code
Embedding kit with 210 mm conduit	31143
Embedding kit with 310 mm conduit	33074
Embedding kit with 110 mm conduit (special liner and panel pools)	33075



310 mm wall conduit

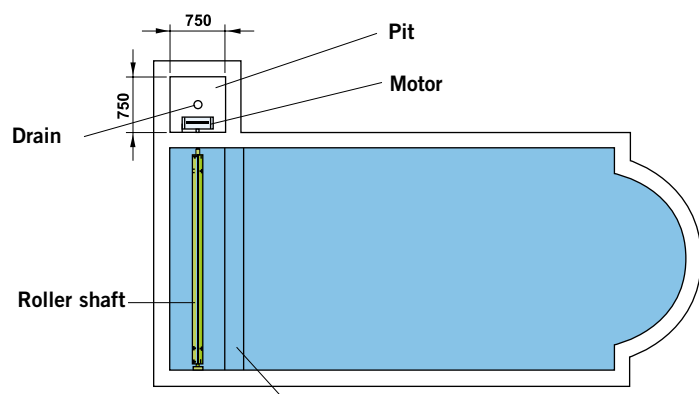
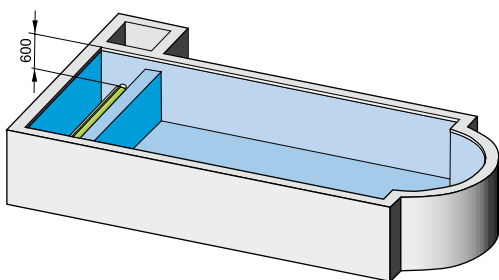


Bearing housing for embedding



Tie beam stand embedding piece

ROUSSILLON MODEL ASSEMBLY DRAWING



AUTOMATIC COVERS: SUBMERGED MODELS

Submerged model Conflent

The motor is integrated into the interior of the roller shaft and can be installed in existing pools of up to 6 meters wide.

As in the Roussillon model the submerged part containing the roller shaft should be separated by a small concrete partition at the time of construction or later with a PVC partition. The slat colours available for both models are white, beige and opaque blue.

Maxi. pool dimensions	Motor (Nm)	Code
Conflent		
Pool 4 x 12 m	120 (shaft without limit switch)	33069
Pool 4 x 12 m	250 (shaft with limit switch)	33070
Pool 5 x 12 m	120 (shaft without limit switch)	33071
Pool 5 x 12 m	250 (shaft with limit switch)	33072
Pool 6 x 12 m	250 (shaft with limit switch)	33073
Pool 7 x 14 m	250 (shaft with limit switch)	33906



Submerged model Ceret

The submerged automatic cover Ceret is specially designed for new-built or existing pools of up to 6 metres in width. The motor, placed at water level, is integrated into the roller shaft.

The submerged zone containing the roller shaft can be separated by a small concrete partition at the time of construction or with a PVC partition later on.

The basic elements for cover assembly are the slats, the step slats, the mechanical kit, the embedding kit, the aluminium tie beam and the pit cover.

It has the same technical features as the Roussillon model: easy to install in both existing and new-built pools. It blends in perfect harmony with the pool's surroundings. It is also easy to maintain thanks to the motor location, situated at water level.

The mechanics are made up of:

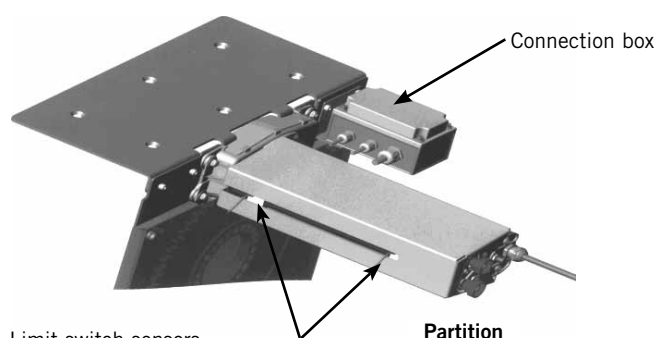
- 150 Nm motor equipped with a limit switch system.
- 2 stainless steel brackets: bearing part and motor part with only the gear transmission.
- A 220 V/24 V power supply unit with a remote key switch.

Max. pool dimensions	Motor	Code
Ceret		
Pool 4 x 12 m	shaft with limit switch	33759
Pool 5 x 12 m	shaft with limit switch	33760
Pool 6 x 12 m	shaft with limit switch	33761

WATER LEVEL NEEDED: 120 mm from the pool border.



Stainless Steel bracket



AUTOMATIC COVERS: SUBMERGED MODELS

Ceret roller with solar heating feature

It is suitable to cover swimming pools up to 6 x 12 meters with ladder and floating slats cover.



Max. pool dimensions	Code
Pool 4 x 12 m	45770
Pool 5 x 12 m	45771
Pool 6 x 12 m	45772

Submerged models: Price calculation

CALCULATING THE PRICE

- A.- Calculate the required length of the cover adding 1 metre to the useful length of the pool. Determine the price of the slats according to the price per lineal metre corresponding to the maximum width of the pool.
 - B.- To calculate the total price add up the following:
 - Price of the slats.*
 - Price of the step slats.*
 - Price of the embedding kit, (only Roussillon model).
 - Price of the mechanical fixture kit (bearing in mind the maximum width of the pool).
 - Price of the tie beam (bearing in mind the required length).
 - Price of pit covers (bearing in mind the material and the size of the pit).
 - Cover strap fasteners, plus lift-prevention brackets.
 - C.- Available options to be added to the above total cost:
 - Complete electrical switchboard.
 - Te beams and slats accessories.
 - PVC partition.
- Spare parts for the embedding kit and the tie beam.

*For pools with straight or lateral trapezoidal steps see pages 377 and 378.

Submerged models: Accessories

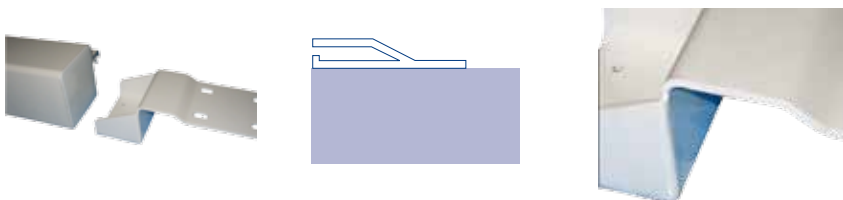
THE TIE BEAM

Its function is to provide support to the pit cover. Manufactured in white coated aluminium, it measures 100 x 110 mm and weighs 9 kg/ml.

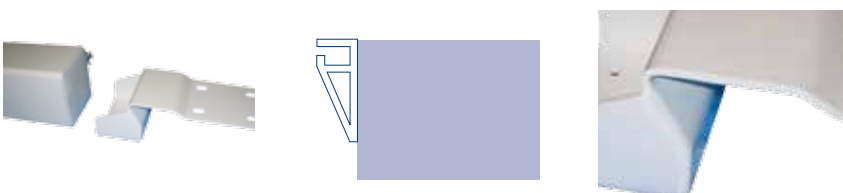
This tie beam is delivered with coated stainless steel support bracket and stainless steel nuts and bolt

Note: The anti-flex support bracket is essential for more than 6 m.

Tie beam stand for liner horizontal profile



Tie beam stand for liner vertical profile



Lacquered Aluminium tie beam

AUTOMATIC COVERS: SUBMERGED MODELS

Submerged models: Accessories

THE TIE BEAM



The beam standard bracket



The beam stand for liner holding vertical profile



The beam support bracket for fastening to the pool wall



The beam adjustable bracket

Beam length	Code
White beam + Standard bracket	
UP TO 4 meters	31148
From 4 m to 5 m	31149
From 5 m to 6 m	31150
From 6 m to 7 m	31911
From 7 m to 8 m	31912
Sand beam + Standard bracket	
UP TO 4 meters	38529
From 4 m to 5 m	38530
From 5 m to 6 m	38531
From 6 m to 7 m	38532
From 7 m to 8 m	38533
White beam + Stand for liner holding vertical profiler	
UP TO 4 meters	33870
From 4 m to 5 m	33871
From 5 m to 6 m	33872
From 6 m to 7 m	33873
From 7 m to 8 m	33886
Sand beam + Stand for liner holding vertical profile	
UP TO 4 meters	38534
From 4 m to 5 m	38535
From 5 m to 6 m	38536
From 6 m to 7 m	38537
From 7 m to 8 m	38538
White beam + Support bracket for fastening to the pool wall	
UP TO 4 meters	33874
From 4 m to 5 m	33875
From 5 m to 6 m	33876
Sand beam + Support bracket for fastening to the pool wall	
UP TO 4 meters	38534
From 4 m to 5 m	38535
From 5 m to 6 m	38536
White beam + Adjustable bracket	
UP TO 4 meters	35717
From 4 m to 5 m	35718
From 5 m to 6 m	35719
From 6 m to 7 m	35720
From 7 m to 8 m	35721
Sand beam + Adjustable bracket	
UP TO 4 meters	38539
From 4 m to 5 m	38540
From 5 m to 6 m	38541
From 6 m to 7 m	38542
From 7 m to 8 m	38543

TIE BEAM ACCESSORIES



Anti-flex stand

Tie beam accessories	Code
Anti-flex stand for 700 mm pit covers and beams of more than 6 m	31920
Anti-flex stand for 950 mm pit covers and beams of more than 6 m	31913

AUTOMATIC COVERS: SUBMERGED MODELS

Submerged models: Accessories

THE PIT COVER

The pit cover protects the automatic cover operating unit and conveys an aesthetic improvement to the surroundings. It is available in IPE wood, or in white aluminium. For pools with a partition wall the cover will be 950 mm wide, while for pools with a PVC partition the 700 mm lid will be used.

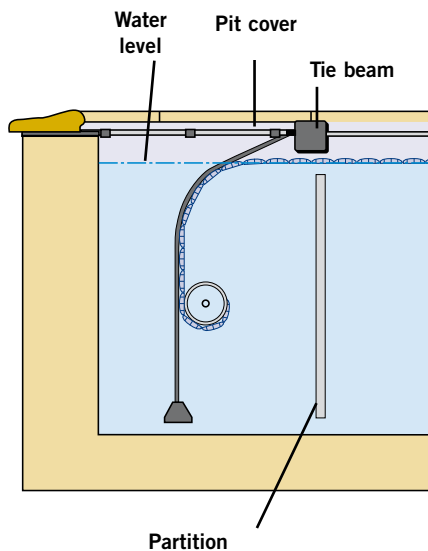


Pit cover of IPE wood



Pit cover of white aluminium

The pit cover	Code
IPE wood 1.00 x 0.70 m	31152
IPE wood 1.00 x 0.95 m	31153
IPE wood made to measure, m ²	31154
White aluminium 1.00 x 0.70 m	33679
White aluminium 1.00 x 0.95 m	33680
White aluminium made to measure, m ²	33681
Sand aluminium 1.00 x 0.70 m	38512
Sand aluminium de 1.00 x 0.950 m	38513
Sand aluminiummade to measure, m ²	38514



PVC PARTITION

The partition can be made of concrete or PVC. It is designed to improve safety by preventing bathers from coming into contact with the roller shaft. It also prevents the pool-floor cleaning hose from being rolled up into the slats.

The partition is made up of 300 mm high PVC panels, internally reinforced with stainless steel. It is fastened with two white coated stainless steel U clamps, which are fastened to the tie beam support bracket.

Will be fastened to vertical walls

For pools of more than 6 m width ask your AstralPool branch.



AUTOMATIC COVERS: SUBMERGED MODELS

Submerged models: Accessories



Partition panel with stainless steel reinforcement



900 mm high U clamp



1200/1500 mm high U clamp

Partitions	Code
PVC partition + Stainless Steel 900 mm x 4 m	31158
PVC partition + Stainless Steel 900 mm x 5 m	31159
PVC partition + Stainless Steel 900 mm x 6 m	31160
PVC partition + Stainless Steel 1200 mm x 4 m	31161
PVC partition + Stainless Steel 1200 mm x 5 m	31162
PVC partition + Stainless Steel 1200 mm x 6 m	31163
PVC partition + Stainless Steel 1500 mm x 4 m	33077
PVC partition + Stainless Steel 1500 mm x 5 m	33078
PVC partition + Stainless Steel 1500 mm x 6 m	33079
Partition Sand colour + Stainless Steel 900 mm x 4 m	38515
Partition Sand colour + Stainless Steel 900 mm x 5 m	38516
Partition Sand colour + Stainless Steel 900 mm x 6 m	38517
Partition Sand colour + Stainless Steel 1200 mm x 4 m	38518
Partition Sand colour + Stainless Steel 1200 mm x 5 m	38519
Partition Sand colour + Stainless Steel 1200 mm x 6 m	38520
Partition Sand colour + Stainless Steel 1500 mm x 4 m	38521
Partition Sand colour + Stainless Steel 1500 mm x 5 m	38522
Partition Sand colour + Stainless Steel 1500 mm x 6 m	38523
Stainless Steel U clamps H 900 mm on beam bracket	31164
Stainless Steel U clamps H 900 mm for fastening on the wall	33083
Stainless Steel U clamps H 1200 mm for fastening on the wall	31165
Stainless Steel U clamps H 1500 mm for fastening on the wall	33084
S.S. U clamps colour Sand H 900 mm for fastening on the wall	38736
S.S. U clamps colour Sand H 1200 mm for fastening on the wall	38737
S.S. U clamps colour Sand H 1500 mm for fastening on the wall	38738
S.S. U clamps colour White H 1200 mm on beam bracket	38549
S.S. U clamps colour White H 1500 mm on beam bracket	38550
S.S. U clamps colour Sand H 900 mm on beam bracket	38551
S.S. U clamps colour Sand H 1200 mm on beam bracket	38552
S.S. U clamps colour Sand H 1500 mm on beam bracket	38553

Tie beam and embedding kit spare parts	Code
210 mm wall conduit	31207
310 mm wall conduit	33076
110 mm wall conduit for liner pool	31211
Pre-embeddings (2) tie beam support bracket	31208
Bearing support for embedding	31209
2x tie beam brackets	31910
2x tie beam stands liner vertical profile	31210
2x tie beam stands for fastening to pool wall with wall plugs	32645

AUTOMATIC COVERS: ABOVE-GROUND MODELS

Carlit above ground model

The automatic cover model Carlit is ideal for installation in existing swimming pools whose dimensions do not exceed 6 x 12 m. It is an above-ground cover, which means that the roller shaft is located out of the pool, anchored near the pool edge.

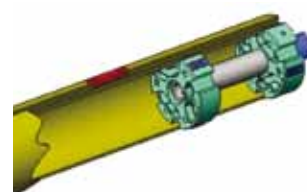
The electrical connections have been simplified to the maximum. These consist of a two-wire cable between the roller and the electrical switchboard (4 mm² up to 15 m and 6 mm² up to 30 m).

The elements making up the Carlit cover are the slats together with the mechanical kit

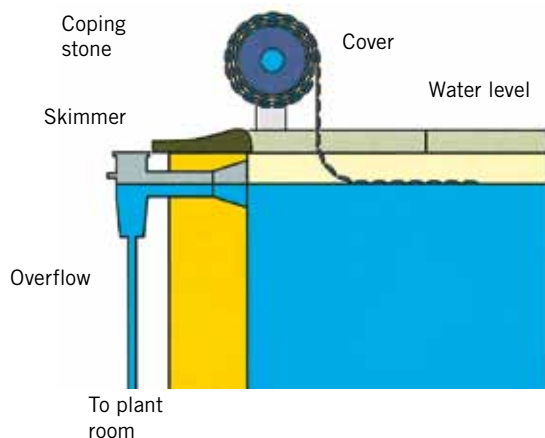
MECHANICAL KIT:

Consists of:

- Two white or sand colour coated stainless steel stands
- Ø 146 mm anodised aluminium roller shaft.
- 24V tubular motor with limit switch adjustment, or 12 volts depending on the pool width.
- Key switch with self return to 0 point
- Switchboard with 220/24V transformer.



Mechanical kit	Code	
	White coloured stands	Sand coloured stands
Mechanical kit up to 4 m (up to 4 x 12 m)	31166	41053
Mechanical kit up to 5 m (up to 5 x 12 m)	31167	41054
Mechanical kit up to 6 m (up to 6 x 12 m)	35808	41055



Carlit Metal above ground model

Roller suitable to cover swimming pools up to 6x12 meters through a floating slats cover.

Consists of:

- 2 inox coated supports with metal coloured varnish.
- 1 aluminium roller shaft.
- 1 motor equipped with limit switch system.
- 1 key switch inserted in the support with a view to the swimming pool.
- Carlit Metal Expo roller.

Max. pool dimensions	Code
4,03 m	44464
5,03 m	44465
6,03 m	44466
Carlit Metal Expo roller.	44467

new



AUTOMATIC COVERS: ABOVE-GROUND MODELS



new

Hand-operated Carlit above ground model

Hand-operated roller suitable to cover swimming pools up to 5x10 meters through a floating slats cover.

Consists of:

- 2 inox coated supports in white or sand colour.
- 1 aluminium roller shaft.
- 1 integrated reducing gear to facilitate the cover roll up.
- 1 crank.

Mechanical kit	Code
Mechanical kit up to 4,03 x 10 feet white colour	43225
Mechanical kit up to 5,03 x 10 feet white colour	43226
Mechanical kit up to 4,03 x 10 feet sand colour	43227
Mechanical kit up to 5,03 x 10 feet sand colour	43228
Mechanical kit (Motor + switchboard)	43229



new

Carlit Eco above ground model

Automatic cover specially designed to install in existing swimming pools up to **5,03 x 10 m** with ladder.

Consists of:

- 2 inox coated supports in white or sand colour
- 1 aluminium roller shaft
- 1 reducer motor tubular without limit switch system
- 1 power supply unit with a key switch (3 positions) located in the support, next to the motor
- 1 electric power supply

Maxi. pool dimensions	Motor Nm	Support white colour	Support sand colour
		Code	Code
Width ≤ 4,03m Length ≤ 10m	150	43627	43629
Width ≤ 5,03m Length ≤ 10m	150	43628	43630



new

Automatic Carlit model with shower

Suitable to cover swimming pools up to 6 x 12 meters

Consists of:

- 1 white inox coated support with curved shower arm and showerhead.
- 1 aluminium roller shaft.
- 1 reducer motor 12V and 150 Nm.
- 1 power supply unit with a key switch (3 positions) located in the support, next to the motor.

Mechanical kit	Code
Carlit roller with shower, white colour, max. 4,03 x 12 m	45760
Carlit roller with shower, white colour, max. 5,03 x 12 m	45761
Carlit roller with shower, white colour, max. 6,03 x 12 m	45762
Carlit roller with shower, sand colour, max. 4,03 x 12 m	45763
Carlit roller with shower, sand colour, max. 5,03 x 12 m	45764
Carlit roller with shower, sand colour, max. 6,03 x 12 m	45765

AUTOMATIC COVERS: ABOVE-GROUND MODELS

Above-ground: Price calculation

CALCULATING THE PRICE

- A.- Calculate the total length of slats according to the water surface length of the pool. Calculate the price of the slats according to the price per m and the pool's maximum width.
- B.- To calculate the total price add up the following aspects:
 - Price of the slats.*
 - Price of the step slats.*
 - Price of the mechanical kit (taking into consideration the pool's maximum width).
 - Cover strap fasteners.
- C.- Available options to be added to the above total cost:
 - Slat accessories

*For pools with straight or lateral trapezoidal steps check pages 377 and 378.

Carlit Solar Pool cover

The automatic solar pool cover Carlit runs on solar energy, making it a very environmentally-friendly product. It reduces water evaporation and heat loss in your pool. The cover also minimises premature evaporation of pool chemicals. Certified by the French standard NF 90-308, the Carlit solar pool cover guarantees higher quality, reducing possible accidents arising from children, animals, or objects falling into the water.

Precautions for installation: THE SUN MUST DIRECTLY COME INTO CONTACT WITH THE PHOTOVOLTAIC PLATE. DO NOT INSTALL UNDER A TREE OR FACING NORTH.

Main advantages:

- Easy to install, no cabling required (solar powered).
- 40-cycle independence: once the battery is fully charged, in the absence of further light the cover can be extended and retracted 40 times.
- Easy to use cover with low maintenance costs.

General features:

- It allows pools up to 6 x 12 m with step area to be fully covered
- Geared motor powered by solar energy. One of the supports features a photovoltaic cell.
- Tubular 150 Nm 12 v. geared motor. Anodised aluminium pipe.
- Limit switch memory system.
- 3 different slat and end piece colours are available: white, sand and blue.
- Two 12 volt battery.



Mechanical pool cover coding	Code
Mechanical kit up to 4 m (up to 4 x 12 m)	35917
Mechanical kit up to 5 m (up to 5 x 12 m)	35918
Mechanical kit up to 6 m (up to 6 x 12 m)	35919



AUTOMATIC COVERS: ABOVE-GROUND MODELS



Above-ground: Vallespir model

Motor located at the foot of the roller shaft. Ideal for existing pools of up to 7.5 metres in width. It is composed of:

Two white coated aluminium stands, RAL 9016, with fixing plates prepared for fastening to the coping stone, equipped with two white polyester covers.

Roller shaft in anodised aluminium for pools of up to 5 m and 24 V 120 Nm geared motor with limit switch. 168 mm diameter stainless steel roller shaft for pools of more than 6 m in width, 24 V 120 Nm geared motor with limit switch.

220/24 V Electrical power control cabinet.

Remote control switch, in full view of the pool, with 3 fixed positions according to the French standard NF P90-308.

Maxi. pool dimensions	Motor (Nm)	Code
Vallespir		
Pool 4 x 12 m	120	33087
Pool 5 x 12 m	120	33088
Pool 6 x 12 m	250	33089
Pool 7.5 x 15 m	250	33090

AUTOMATIC COVERS: ABOVE-GROUND MODELS WITH PROTECTIVE CASING



Above-ground models with protective casing: Capcir and Narbonne

Easy to install and to start operating, ideal for installing in existing pools. They incorporate protective casing for the cover's operating mechanical unit, providing greater safety and improving the design. It is ideal for pools of up to 6 metres in width.

On the **Capcir** model the motor is located in one side of the roller shaft, integrating perfectly with the cover casing. It ensures easy handling of the motor in the case of breakdowns or servicing. The panel-protected casing is available in white PVC or IPE wood. **CAUTION: DO NOT SIT ON IT NOR USE IT TO DIVE.**

Its main elements are a Ø 146 mm anodised aluminium roller shaft, a geared motor of 120 Nm or 250 Nm motor, an electric cabinet and a 3-position key switch in accordance with the French standard NF P90-308.

In the Narbonne model the motor is located inside the roller pipe itself in such a way that it is completely blended into the pool surroundings. The casing is protected by wood PVC or IPE timber.

Its main elements are a 12V, 150 Nm tubular motor with limit switch, a key switch with automatic return incorporated in the Istand cover and a switchboard with a transformer.

Maxi. pool dimensions	Motor (Nm)	Code		Code		Code		Code
		White PVC casing	Sand PVC casing	PVC wood colour casing	IPE casing			
Protective casing		non-dismountable	dismountable	non-dismountable	dismountable	non-dismountable	dismountable	
Capcir								
Pool 4 x 12 m	120	31947	-	-	-	-	-	31951
Pool 5 x 12 m	120	31948	-	-	-	-	-	31952
Pool 6 x 14 m	250	31949	-	-	-	-	-	31953
Narbonne								
Pool 4 x 12 m	150	33432	41061	41056	41059	37139	41063	37109
Pool 5 x 12 m	150	33433	41062	41057	41060	37140	41064	37110
Pool 6 x 12 m	150	37112	-	41058	-	37141	-	37111

AUTOMATIC COVERS: ABOVE-GROUND MODELS WITH PROTECTIVE CASING

Above-ground models with protective casing: Solar Narbonne

The automatic solar cover works with solar energy and stands out as it is highly environmental. Keeps water from evaporating and reduces the loss of heat in the pool. On the other hand, it minimizes early evaporation of chemical products. Certified by the French NF 90-308 standard, the solar cover guarantees higher quality, reducing possible accidents due to children, animals, other objects falling into the pool... **PRECAUTIONS FOR USE: DO NOT SIT DOWN ON IT OR USE IT TO DIVE. Precautions for installation: THE SUN MUST DIRECTLY COME INTO CONTACT WITH THE PHOTOVOLTAIC PLATE. DO NOT INSTALL UNDER A TREE OR FACING NORTH.**

Main advantages:

- Easy to install, no cabling required (solar powered).
- 40-cycle independence: once the battery is fully charged, in the absence of further light the cover can be extended and retracted 40 times.
- **Easy to use cover with low maintenance costs.**

General features:

- Covers pools of up to 6 x 12 with stairs
- Roller powered by solar energy
- Two 12 volt batteries
- Limit switch memory system
- 3 types of casings possible: PVC, wood coloured PVC and timber Access to the motor through the base of the casing
- 150 Nm 12 volt motor.
- Possibility to ask for a dismantlable casing to have access to slats
- Access to the motor without touching the slat casing.
- The casing is protected with PVC, wood coloured PVC or IPE timber sheets.



Maxi. pool dimensions	Motor (Nm)	White PVC casing		Sand PVC casing		PVC wood casing		IPE casing
		non-dismountable	dismountable	non-dismountable	dismountable	non-dismountable	dismountable	
Narbonne Solar								
Pool 4 x 9 m	150	37561	41068	41065	41070	37564	41072	37567
Pool 5 x 12 m	150	37562	41069	41066	41071	37565	41073	37568
Pool 6 x 12 m	150	37563	-	41067	-	37566	-	37569

AUTOMATIC COVERS: COMMERCIAL AND MUNICIPAL MODELS

new

Commercial roller model Borna



This shaft is aimed to install on commercial indoor or outdoor swimming pools of 12.5 x 25 meters maximum. It can be used for bubble or reinforced polyethylene foam covers. The distance between the roller shaft and the pool edges must be reduced as much as possible to prevent abnormal wear and tear due to the friction on the coping.

Technical features:

- 24 V 250 Nm motor
- 300 mm stainless steel shaft
- Thermoplastic bearings fitted with stainless steel bearing
- Motor protection cover in thermoformed ABS.
- Remote control + key

Mechanical kit Code	Code
Mechanical kit up to 12.5 m (max. 12.5 x 25 m)	38734

new

Municipal Model Double



Suitable to cover municipal swimming pools up to 15 x 25 m with bubble or polyethylene based foam cover. Technical characteristics: 2 tubular motors of 120Nm and 24V. 2 aluminium shafts. 6 wheels. Remote control + key. Description: 6,03 x 25 m.

	Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
Width ≤6,03m Length ≤ 25m	41441	-	-	-
Width ≤8,03m Length ≤ 25m	41442	-	-	-

new

Municipal Model Aerial



Suitable to cover municipal swimming pools up to 12.5 x 25 m with bubble or polyethylene based foam cover. Technical characteristics: 150 x 150 mm white coated aluminium supports. Stainless steel shaft. Motor 250 Nm, 12V. Remote control + key.

	Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
Width ≤12,53m Length ≤ 25m	41810	-	-	-

Above-ground models with protective casing: price calculation

CALCULATING THE PRICE

A.- Calculate the total length of slats required according to the water surface length of the pool. Determine the price of the slats according to the price per m as per the maximum width of the pool.

B.- To calculate the total price add up the following aspects:

- Price of the slats.*
- Price of the step slats.*
- Price of the mechanical kit (bearing in mind the maximum pool width).
- Cover strap fasteners plus lift-prevention brackets..

C.- Available options to be added to the above total cost:

- Slat accessories.

*For pools with straight or lateral trapezoidal steps consult pages 377 and 378.

AUTOMATIC COVERS: DISPLAY MODELS

Carlit display model (without motor)

Width: 1.5 metres with blue, white and sand colour slats.

Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
33764	1	-	-



Carlit Solar display model (without motor)

Width: 1.5 m. With blue, white and sand colour slats.

Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
38740	1	-	-



Capcir display model (without motor)

Width: 1.5 m. Casing half IPE timber and half PVC.

Code	Standard Packaging	Standard Weight kg.	Standard ^d Volume m ³
33765	1	-	-



Narbonne Solar display model (without motor)

Width: 1.5 m. Timber + PVC slats.

Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
38821	1	-	-



AUTOMATIC COVERS: ACCESSORIES

Spare parts

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
				
	Stainless Steel. Motor shaft length 490 mm. (standard). 31212	-	-	-
	Stainless Steel. Motor shaft length 600 mm. 31213	-	-	-
	Stainless steel bearings 62 x 30 x 16 316L. 31214	-	-	-
	Wartight cyclam mechanical seal. 31215	-	-	-
	Ceramic flange for wall conduit 31216	-	-	-
	2 conduit flange gaskets 31217	-	-	-
	2 bearing gaskets 31218	-	-	-
	Wall conduit flange 31219	-	-	-
	Bearing stopper 31220	-	-	-
	Bearing 31221	-	-	-
	250 Nm 24V geared motor. 31222	-	-	-
	120 Nm 24V geared motor. 31223	-	-	-
	120 Nm 24V Tubular motor. 31224	-	-	-
	220V/24V electrical switchboard. 31225	-	-	-
	220V/24V tubular motor electrical switchboard. 31226	-	-	-
	3-position key switch with self return. 31227	-	-	-
	Stainless steel motor support bracket. 31228	-	-	-
	Zamac counterweight. 31229	-	-	-

AUTOMATIC COVERS: ACCESSORIES
Spare parts

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Switch with key for Carlit model.	31230	-	-	-
Ø 146 mm Aluminium shaft with L. 4 m S. S. shaft	31231	-	-	-
Ø 146 mm Aluminium shaft with L. 5 m S. S. shaft	31232	-	-	-
Ø 146 mm Aluminium shaft with L. 6 m S. S. shaft	31233	-	-	-
71 mm right slat end-cap to be glued.	31234	-	-	-
71 mm left slat end-cap to be glued.	31235	-	-	-
1 lt PVC S3 (thick) glue for end-caps.	31236	-	-	-
1 lt PVC 914 (liquid) glue for end-caps.	31237	-	-	-
Roussillon model slat strap fasteners L. 150 mm	31238	-	-	-
Carlit model slat strap fasteners L. 800 mm	31239	-	-	-
Fixing plate for shaft straps.	31240	-	-	-
Stainless steel screw A4 6 x 20 nuts for fixing plates	31241	-	-	-
1.30 m tensor for counterweight.	31242	-	-	-
220V/24V 400 VA ring transformer.	31243	-	-	-
220V/24V 200 VA ring transformer.	31244	-	-	-
Rectifier (diode connection) 24V - 25 Amp.	31245	-	-	-
15 Amp thermal circuit breaker.	31246	-	-	-
10000 microfarad filter condenser.	31247	-	-	-
Limit switch cam for Aquajunior MTS 20/30 motors.	31248	-	-	-
Electronic card for Aquamat motor.	31249	-	-	-
Electronic card for Aquajunior motor.	31250	-	-	-
Watertight limit switch.	31251	-	-	-
Stainless steel. key 8 x 7 mm L. 60 mm.	31252	-	-	-
S.S. bolts 6 pans M10 x 70 mm for fixing the bearing.	31253	-	-	-
Lead battery REC 12V-12AH.	37212	-	-	-
White right cover to glue to lug.	38555	-	-	-
White left cover to glue to lug.	38556	-	-	-
Blue right cover to glue to lug.	38557	-	-	-
Blue left cover to glue to lug.	38558	-	-	-
Sand right cover to glue to lug.	38559	-	-	-
Carlit solar cover + electronic card.	37210	-	-	-
Solar battery charger for Carlit or Narbonne models	38739	-	-	-
Additional box for 120 Nm electrolysis (Carlit and Narbonne)	38510	-	-	-
Additional box for 150 Nm electrolysis (Carlit and Narbonne)	38511	-	-	-
220V/12V-100VA Carlit tubular 150 Nm motor power supply	38899	-	-	-
Power supply at water level with dry contacts for electrolysis	34777	-	-	-
Power supply box 250 N PL3000-24 V tubular motor	38821	-	-	-
Power supply for motor at water level	35151	-	-	-
Motor side vertical bracket with gears for Rousillon model at water level	37142	-	-	-



31236-31237 31246



31249-31250



31251



37212



38557-38558



8555-38556



38559



37210



38510-38511



38899



34777



38821



35151

Manufacturing specifications

SUBMERGED MODEL

COMPANY ADDRESS	
Client name:	_____
Address:	_____
TEL:	FAX:

DELIVERY ADDRESS	
Address:	_____
Contact person:	_____
Acces 38T:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 19 T
TEL:	FAX:

<input type="checkbox"/> ORDER	<input type="checkbox"/> QUOTATION	DATE	CUSTOMER REFERENCE:
--------------------------------	------------------------------------	------	---------------------

TYPE OF COVER:

- | | |
|--|---|
| <input type="checkbox"/> ROUSSILLON Motor in dry pit | <input type="checkbox"/> CERET Motor at water level |
| <input type="checkbox"/> CONFLENT Motor without limit switch | <input type="checkbox"/> CONFLENT Motor with limit switch |

TYPE OF POOL:

- | | | | | | |
|--|--------------------------------|-----------------------------------|-------------------------------------|---------------------------------|--|
| <input type="checkbox"/> LINER | <input type="checkbox"/> TILES | <input type="checkbox"/> CONCRETE | <input type="checkbox"/> FIBREGLASS | <input type="checkbox"/> PANELS | <input type="checkbox"/> OVERFLOW |
| WALL CONDUIT ALREADY INSTALL. <input type="checkbox"/> YES <input type="checkbox"/> No | | | If already installed, what type? | | Embedded bearing already installed <input type="checkbox"/> YES <input type="checkbox"/> No |
| Wall thickness between cover roller pit and motor dry pit | | | cm | | Tie beam support brackets already installed <input type="checkbox"/> YES <input type="checkbox"/> No |

TYPES OF SLATS AND STAIRS:

- | | | | | | |
|--|---|--|-------------------------------|-------------------------------------|---|
| <input type="checkbox"/> WHITE | <input type="checkbox"/> BLUE | <input type="checkbox"/> SAND | <input type="checkbox"/> GREY | <input type="checkbox"/> CLEAR BLUE | <input type="checkbox"/> SOLAR COLLECTORS |
| <input type="checkbox"/> SQUARE CUT ROMAN STAIRS | <input type="checkbox"/> FREE FORM ROMAN STAIRS | <input type="checkbox"/> STRAIGHT STAIRS | | | |
| <input type="checkbox"/> SQUARE CUT TRAPEZOIDAL STAIRS | <input type="checkbox"/> FREE FORM TRAPEZOIDAL STAIRS | <input type="checkbox"/> Others | | | |

TIE BEAM, PARTITION WALL AND PIT COVER

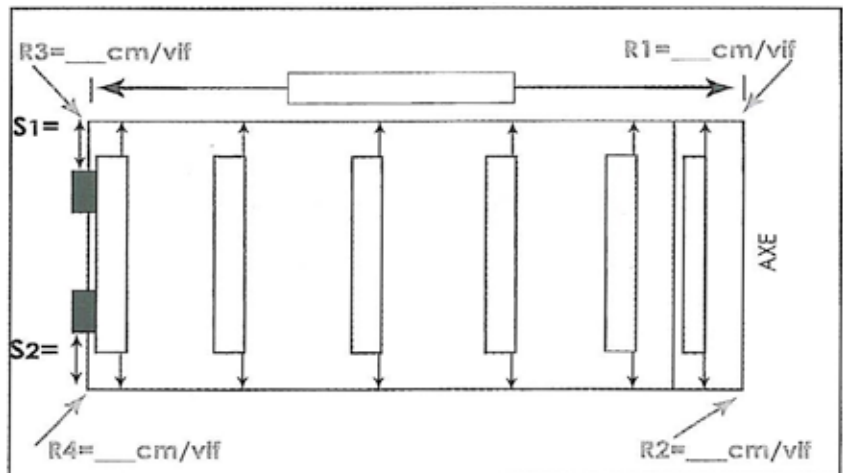
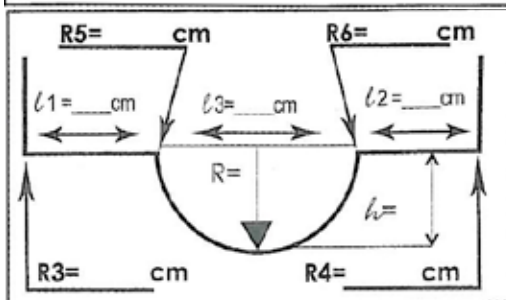
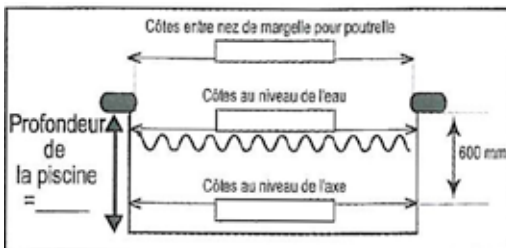
- | | | | |
|--|---|---|-------------------------------|
| TIE BEAM COLOUR/ SUPPORT BRACKET/ WALL BRACKET: | | <input type="checkbox"/> WHITE | <input type="checkbox"/> SAND |
| <input type="checkbox"/> TIE BEAM + BRACKET: Pool under construction | <input type="checkbox"/> TIE BEAM + BRACKET: Pool renovation | | |
| <input type="checkbox"/> TIE BEAM + ADJUSTABLE BRACKET | <input type="checkbox"/> TIE BEAM + WALL BRACKET | | |
| <input type="checkbox"/> WALL H 900 | <input type="checkbox"/> PARTITION WALL BRACKET 900 mm for fixing on vertical wall | <input type="checkbox"/> PARTITION WALL BRACKET 900 mm for fixing below the tie beam bracket | |
| <input type="checkbox"/> WALL H 1200 | <input type="checkbox"/> PARTITION WALL BRACKET 1200 mm for fixing on vertical wall | <input type="checkbox"/> PARTITION WALL BRACKET 1200 mm for fixing below the tie beam bracket | |
| <input type="checkbox"/> WALL H 1500 | <input type="checkbox"/> PARTITION WALL BRACKET 1500 mm for fixing on vertical wall | <input type="checkbox"/> PARTITION WALL BRACKET 1500 mm for fixing below the tie beam bracket | |
| <input type="checkbox"/> PIT COVER IPE 700mm | <input type="checkbox"/> PIT COVER IPE 950mm | <input type="checkbox"/> PIT COVER IPE customised..... mm | |
| <input type="checkbox"/> PIT COVER ALU 700mm | <input type="checkbox"/> PIT COVER ALU 950mm | <input type="checkbox"/> PIT COVER ALU customised..... mm | |

SAFETY SYSTEM:

- | | |
|--|--|
| <input type="checkbox"/> ABS BRACKET FOR FIXING ON THE WALL + STRAPS | <input type="checkbox"/> ABS BRACKET + S.S. BRACKET FOR FIXING UNDER THE COPING STONE + STRAPS |
|--|--|

SKIMMER LOCATION

- | | | | | |
|------------------------------------|-------------------------------------|---|---|--|
| <input type="checkbox"/> ON 1 SIDE | <input type="checkbox"/> ON 2 SIDES | <input type="checkbox"/> PROJECTION OF CM | <input type="checkbox"/> VERTICAL TO THE PAVING | <input type="checkbox"/> ON THE WIDTH SIDE |
|------------------------------------|-------------------------------------|---|---|--|



**CHECK POOL WIDTH EVERY METRE
Place the skimmers**

ATTENTION: IN CASE OF NON CIRCULAR STAIRS OR AN IRREGULAR RADIUS, PLEASE SEND A DIMENSIONED DESIGN

Manufacturing specifications

ABOVE GROUND MODEL

COMPANY ADDRESS	
Client name: _____	
Address: _____	

TEL: _____	FAX _____
E-MAIL: _____	

DELIVERY ADDRESS	
Address _____	

Contact person: _____ TEL: _____	
FAX: _____	
Access 38T	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> 19 T

<input type="checkbox"/> ORDER	<input type="checkbox"/> QUOTATION	DATE: _____	CUSTOMER REFERENCE: _____
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TYPE OF COVER

COLOURS: WHITE SAND WOOD

CARLIT NARBONNE PVC

CARLIT SOLAR NARBONNE PVC with removable cover CAPCIR PVC

VALLESPIR NARBONNE WOOD CAPCIR WOOD COMMERCIAL COVER Borne type

TYPE OF POOL:

LINER TILES CONCRETE FIBREGLASS PANELS OVERFLOW

TYPE OF SLATS AND STAIRS:

WHITE BLUE SAND GREY CLEAR BLUE SOLAR COLLECTORS

SQUARE CUT ROMAN STAIRS FREE FORM ROMAN STAIRS STRAIGHT STAIRS

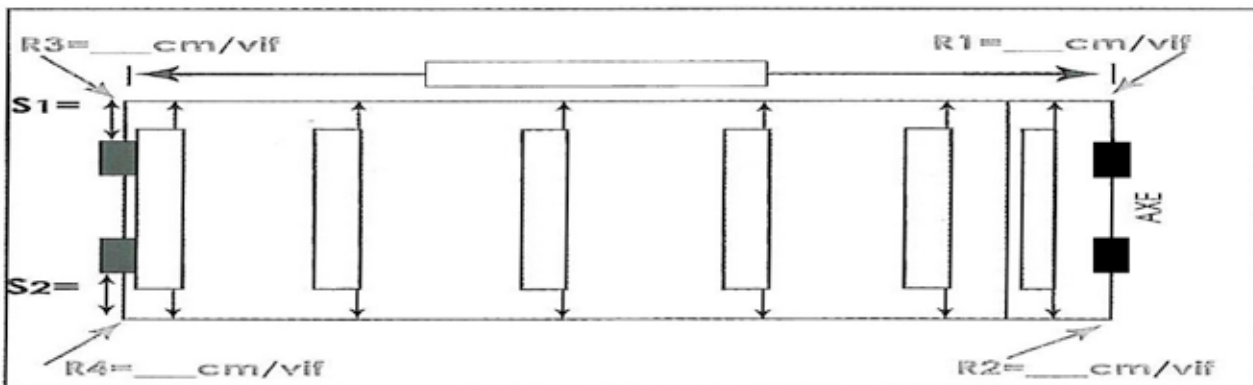
SQUARE CUT TRAPEZOIDAL STAIRS FREE FORM TRAPEZOIDAL STAIRS Others

SAFETY SYSTEM:

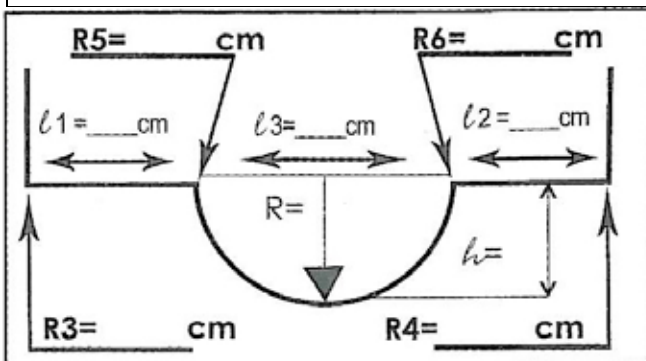
ABS BRACKET FOR FIXING ON THE WALL + STRAPS ABS BRACKET + S.S. BRACKET FOR FIXING UNDER THE COPING STONE + STRAPS

SKIMMER LOCATION

ON 1 SIDE ON 2 SIDES PROJECTION OF CM VERTICAL TO THE PAVING ON THE WIDTH SIDE



CHECK POOL WIDTH EVERY METRE / Place the skimmers / Place power connection panel for CAPCIR models



ATTENTION: IN CASE OF NON CIRCULAR STAIRS OR AN IRREGULAR RADIUS, PLEASE SEND A DRAWING

TELESCOPIC COVERS

Telescopic cover system for KIT pools. Very easy assembly, even for the end user. The tools necessary for the complete assembly are included with each cover. Structure and guide surface finish, paint or elox. Structure manufactured with high quality AlMgSI aluminium. Meets NF P 90-309 standard:

- Resistant to 100 to 120 km/h winds
- Resists more than 80 kg of weight per m²



Klasik

Telescopic cover klasik model with structure and guide surface elox finish. Three support profiles per module. Movable front walls made of polycarbonate. Hinged door. Distance of the guides between shafts 70 mm. 35 x 50 mm profiles. Single celled, limpid, cellular 8 mm polycarbonate with UV protection. Heat transmission coefficient (K = 3.1 kW m² on the ceiling and K= 5.4 kWm² on the walls) no DROP treatment.

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
A Klasik model – Elox colour	36822	1	-	-
B Klasik model – Elox colour	36823	1	-	-
C Klasik model – Elox colour	36824	1	-	-

Model	Max. pool dimensions	Outside width	Lenght	Height
A	315 x 633 cm	360 cm	641 cm	105 cm
B	411 x 844 cm	470 cm	852 cm	155 cm
C	497 x 1055 cm	570 cm	1063 cm	185 cm



Casablanca

Structure and guide surface finish in white or pine colour. 73.5 x 50 mm profiles. Elox guides. Door on the rear wall. Fixed front door. Side door 2 on the larger module, child security lock with key. Transparent glass walls and sides. Single celled, limpid, cellular 8 mm polycarbonate with UV protection. Heat transmission coefficient (K = 3.3 kW/3) no DROP treatment.

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
A Casablanca model – white colour	36825BL	1	-	-
B Casablanca model – white colour	36826BL	1	-	-
C Casablanca model – white colour	36827BL	1	-	-
A Casablanca model – wood colour	36825PI	1	-	-
B Casablanca model – wood colour	36826PI	1	-	-
C Casablanca model – wood colour	36827PI	1	-	-

Model	Max. pool dimensions	Outside width	Lenght	Height
A	517 x 948 cm	578 cm	970 cm	263 cm
B	595 x 1264 cm	678 cm	1286 cm	283 cm
C	595 x 1580 cm	700 cm	1603 cm	294 cm



Klasik No-Line

Compact dimensions. Lateral, front and rear doors in PLEXI GLASS with 5.5 Kwm² heat transmission. One of the major advantages incorporated in these models is the non-rail movement. 60 x 60 mm profiles. White coated structure surface finish. Roof manufactured in single celled, limpid, cellular 8 mm polycarbonate with UV protection. Heat transmission coefficient (K = 3.3 kW/m²) no DROP treatment.

	Code	Standard Packaging	Standard Weight kg.	Standard Volume m ³
Klasik No-Line A white coated	38732	1	-	-
Klasik No-Line B white coated	38733	1	-	-

Model	Max. pool dimensions	Outside width	Lenght	Height
A	468 x 1045 cm	590 cm	1046 cm	130 cm
B	567 x 1250 cm	715 cm	1254 cm	150 cm