



## AUTOMATIC SWIMMING POOL COVERS

**ASTRALPOOL** 

**FLUIDRA**  
POOL &  
WELLNESS 



## INDEX

<b>Introduction</b>	3
<b>Safety</b>	4
<b>Sustainability</b>	5
<b>Automated covers</b>	6
Submerged	7
Above ground	8
<b>Slats and accessories</b>	10
	11

## Pool covers

A fundamental part of your pool



> Having a swimming pool and being able to enjoy it whenever you like is a pleasure, but it is essential to have the devices and means to keep the water and the pool in perfect condition. A pool cover cannot be considered a superfluous accessory.

**AstralPool's** documented experience in the design and manufacture of equipment and accessories for the pool sector demonstrates that covers are a fundamental part of a pool system.

They also help preserve water quality and can have important advantages in terms of safety, ecology

and aesthetics.

In this catalogue, **AstralPool** presents its complete range of covers, from which I am sure you will find the one that best matches your requirements. Let your installer advise you and submerge yourself in your pool as if each time was the first.

## Safety

The pleasure of peace of mind

- > **AstralPool** automatic covers and its different solutions provide safety and peace of mind. For times of the year when the swimming pool is not in use and for families with small children, having a cover for your pool is an essential safety measure. Our covers resist up to 100 kg in the middle of the cover.



## Sustainability

### Demonstrable advantages



- > AstralPool's concern for the environment is in no way a passing fashion. The advantages are demonstrable, direct and practical from the start.

This has led **AstralPool** to make a commitment with sustainability through a specific product line in which covers play a very important role.

Installing a slatted cover reduces water loss from evaporation by up to 65%\* in private pools. It also reduces the number of filter washes and the use of chemical products.



\* 30,000 litres/per year for a pool measuring 8 x 4m.

## Automatic covers

> **AstralPool's** automatic covers are easily opened and closed thanks to their in-built motorized roller. The turning of a key is all that is needed to get it working.

Our different solutions, whether with submerged or above-ground covers, can be adapted to different types of private pools.

Manufactured with rigid slats and available in various

colours, the design and composition enable the cover to float over the whole of the water surface.

They are very effective as a thermal insulator and have been developed in compliance with the French standard NF P 90-308, guaranteeing maximum safety for pool users.



## SUMERGED automatic covers

- > The submerged models are especially designed for both new build and existing pools. Both the roller shaft and the cover are inside the pool structure, ensuring perfect harmony with the pool's surrounds.



### Roussillon

This model includes the motor enclosed in a separate sunken compartment to the roller mechanism and is designed to be used in new pools with maximum dimensions of 11 x 22 metres.

The sunken area containing the roller mechanism can be sectioned off with a panel during pool construction, or at a later date with a PVC panel.

### Conflent

Here the motor is incorporated into the roller mechanism, allowing it to be installed in existing pools with a maximum width of 6 metres.

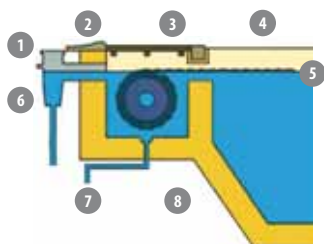
The sunken area containing the roller mechanism can be sectioned off with a panel during pool construction, or at a later date with a PVC panel.

### Ceret

The Ceret submerged automatic cover is suitable for all types of pools.

The motor is placed at water level, connected to the roller mechanism by pinions. The roller is immersed at one end of the pool.

The sunken area containing the roller mechanism can be sectioned off with a panel during pool construction, or at a later date with a PVC panel.



- |                      |                  |
|----------------------|------------------|
| 1. Skimmer           | 5. Water level   |
| 2. Coping stone      | 6. Overflow      |
| 3. Protective casing | 7. To plant room |
| 4. Floating cover    | 8. Main drain    |



## ABOVE GROUND automatic covers

- > Above ground covers are another, simpler solution that are easy to install and start up. Ideal for installation in existing pools as the roller shaft is located out of the pool and anchored to the pool edge.



### N-Carlit Automatic

The N-Carlit automatic cover is ideal for installation in existing pools up to a maximum of 6 x 12 metres.

The electrical connections are simplified to the maximum and comprise a two-wire cable between the roller and the electrical switchboard (from 4 mm<sup>2</sup> to 15m and from 6 mm<sup>2</sup> to 30m). The elements making up the N-Carlit cover are the slats together with the mechanical kit.

#### Mechanical kit

- 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.



### N-Carlit Hand-operated

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

#### Mechanical kit

- 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.







## Carlit Solar

This model 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.

### Mechanical kit

- 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 12V geared motor. Anodised aluminium pipe.
- Limit switch memory system.
- 3 different slat and end piece colours are available: white, sand and blue.
- Two 12V batteries.



## Vallespir

Here the motor is situated at the foot of the roller shaft. The Vallespir is ideal for existing pools with a maximum width of up to 7.5 metres.

### Mechanical kit

- 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 more than 6 metres wide and a 24 V 250 Nm geared motor with limit switch.
- 220/24V power supply cabinet.
- Remote control switch, in full view of the pool, with 3 fixed positions according to the French standard NF P90-308.
- 220/24 V Electrical power control cabinet with transformer.



## Narbonne

Easy to install and to start operating, the Narbonne is ideal for installing in existing pools. It incorporates a protective cover for the roller shaft, offering greater safety and enhanced aesthetic appeal. For pools up to a maximum width of 6 metres.

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 PVC, wood PVC or IPE timber slats.

### Mechanical kit

- 12V, 150 Nm tubular motor with limit switch.
- Automatic return incorporated in the foot cover.
- Switchboard with a transformer.





## > Slats and accessories

White



Sand



Blue



Grey

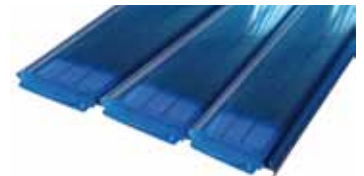


### Slats

The AstralPool automatic cover uses hollow extrusion PVC watertight slats. The end-caps welded at both ends ensure the water tightness of the slats. The 20 mm wide cap flaps can assure the total length of the slats. These flaps are also available in 10 and 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, especially organic ones, the slats are coated with calcium-zinc. All of the above ensures that the slats are a perfect fit in any pool whatever its shape.

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\*.



AstralPool offers solar slates to obtain the maximum performance, taking profit the solar heating

\* The slats in translucent blue and solar captor can only be used in Northern Europe or in areas where there is less solar radiation.

10

### Accessories

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

- Lift-prevention bracket in ABS for wall fixing + belts
- ABS bracket + inox support to install under the coping stone + belt
- Bracket slat plug - overflow pool
- Sky for above-ground cover model

In compliance with the French standard NF P90-308 for swimming pool covers the following straps will be supplied according to 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)



ABS bracket for wall fixing

## > Frequently Asked Questions

### Why do I need a cover?

#### For safety reasons

AstralPool covers provide you with year round peace of mind, ensuring that when the cover is closed, it prevents accidents such as children or pets falling into the pool. They are an essential safety system.



AstralPool automatic cover models are manufactured in accordance with the demanding French standard NFP 90-308 of December 2006, which guarantees a resistance of up to a maximum of 100 kg in the middle of the cover.

The AstralPool mechanical system of automated covers has also been designed in accordance with the French standard NFP 90-308 of December 2006, which prevents people from accessing the pool.

#### To save money and for sustainability reasons

The cover reduces water loss through evaporation by up to 65%. It also offers protection against external elements such



as leaves and dirt, making the pool easier to clean and saving money both on the filter and on chemical products.

### Which cover should I install?

First of all you should study whether you want a cover for a new-build or an existing pool. The different cover models available from AstralPool ensures that there is a solution for each pool. That is why we suggest you contact your nearest closest sales point or installer for more information.

### Do automatic covers require a lot of maintenance?

No special maintenance of the slats is required, thanks to the fully impermeable hollow extruded PVC material they are



made from. They require nothing more than regular cleaning of the surface.

For very adverse temperature conditions, consult your nearest closest sales point/installer.

### Is it possible to use a cover with salt electrolysis?

Our automated covers are designed to transmit a signal to the salt electrolysis equipment that immediately reduces the production of chlorine, resulting in a saving on this chemical product.

### What type of ladder do I need to have a cover?

Pools with covers need to have split ladders, so the cover can glide easily across the water. The AstralPool catalogue



includes a range of split ladders so you can choose the option that best adapts to your requirements.

### What mechanisms exist to extend the pool season?

To extend the pool season and keep the water at a certain temperature, it is important to use a heat pump. A cover also retains the heat in longer and helps reduce heat pump consumption. To find out which heat pump best fits your pool, please consult your nearest sales point/installer.





**ASTRALPOOL** 

[www.astralpool.com](http://www.astralpool.com)

**FLUIDRA**  
POOL &  
WELLNESS 