



Design

Quality

Convenience

Security

Service

**Over 20 years
of excellence,
elegance and
engineering**



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“We remain
at the forefront
of the slatted
cover market”



About Ocea

Two decades of excellence,
elegance and engineering

We continue to strive to produce the best quality covers system, with continuous development of materials, production techniques and technology. With a mix of proven Ocea expertise and new exciting innovations, we remain at the forefront of the slatted cover market. Exclusively continuing to manufacture our own cover materials ensures that quality and elegance remain, unashamedly, our objective.

Owning an Ocea Pool Cover

As a prospective pool owner, you are about to experience a well-earned lifestyle transformation: Whether you are looking for the perfect social focal point to share with your friends and family; or the ideal medium to exercise in a peaceful and tranquil environment.

A fully automatic Ocea cover is an invaluable tool to further your swimming pool experience. You are sure to utilise your pool in a variety of different situations – all of which an Ocea cover will enhance. Ocea's seamless design coupled with our elegant floating plastic slats provide the most convenient and beautiful cover solution. At the turn of a key, the cover silently floats over the pool surface either retracting into a hidden cover recess or unfurling gently across the pool.

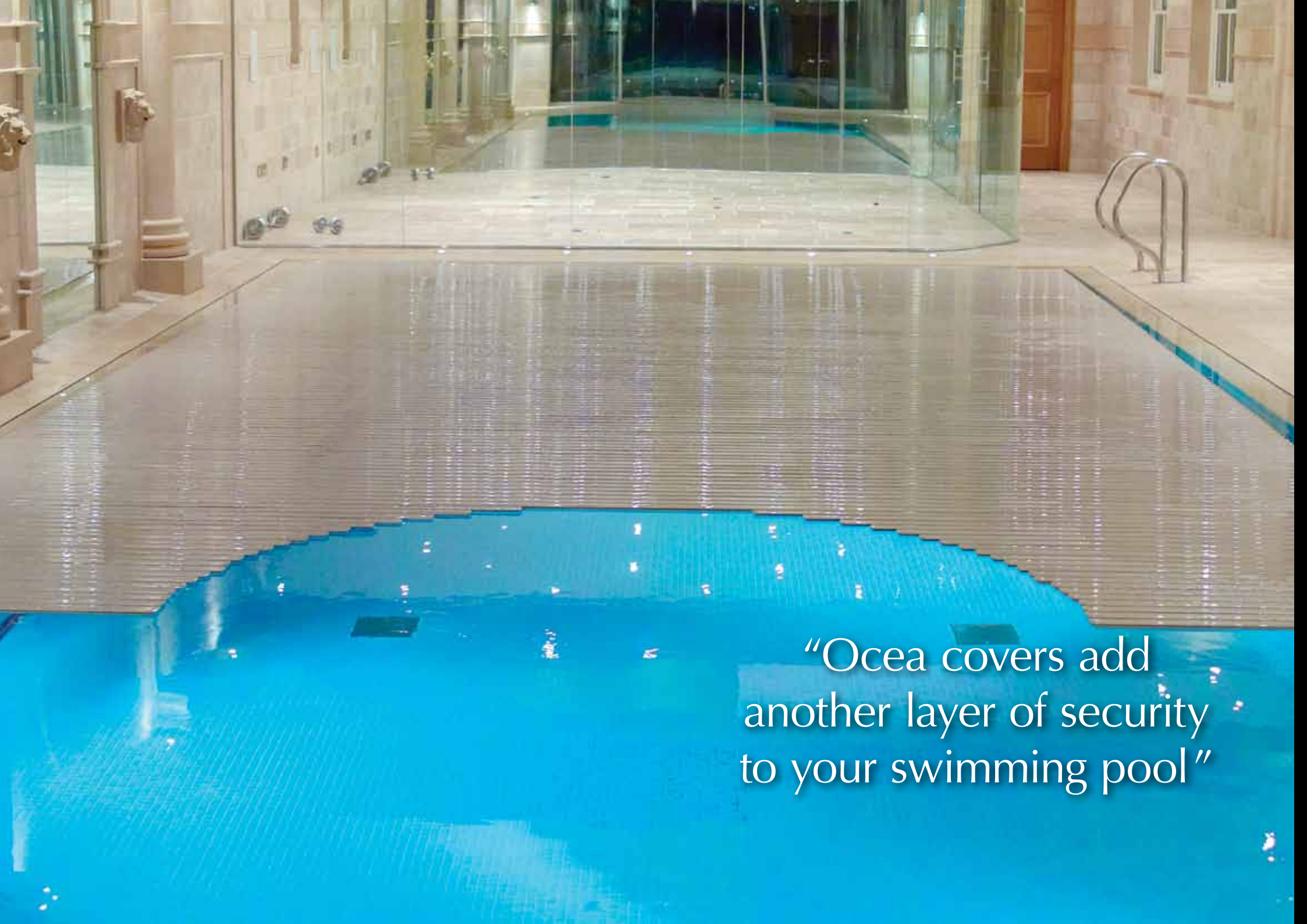
Benefits

- Security
- Automated
- Hidden
- Energy saving
- Chemical reduction





“A fully automatic
Ocea cover is an
invaluable tool”



“Ocea covers add another layer of security to your swimming pool”

Advantages from Ocea



Safety

All Ocea covers add another layer of security to your swimming pool environment by providing a natural barrier to the water surface. The slats themselves are buoyant, meaning they can withstand up to 80N/m². The system itself is operated with the use of a key switch that can be removed for your convenience – meaning that the pool can be kept out of operation when necessary. An added level of security can be obtained with the use of our safety straps. The straps act as a buckle for the pool cover, totally inhibiting movement of the pool cover.

Evaporation Reduction

An Ocea cover provides an excludable surface on the top of the pool, preventing 95% of water evaporation. Evaporation can be a costly problem when looking to maintain your pool as it changes the concentration of pool chemicals. In addition to this, it contributes significantly to heat loss (85%). Together, these are two of the most expensive pool maintenance issues.

Water evaporation is an even more significant issue when considering an indoor pool, as you need to consider air humidity and temperature control. This may lead to you having to install a complicated and expensive dehumidifying system.

Insulation

Insulating a swimming pool is a good secondary heat retention factor, although not as significant an effect as reducing evaporation. All Ocea

covers provide a blanked insulation U-value of at most 3.5W/m²K. Our low U-value gives you the confidence that the insulation provided by an Ocea cover is the ideal final energy saving technique required for an effectively managed pool system.

Anti-algae

Any outdoor swimming pool could be prone to algae growth. All opaque Ocea pool covers are specially designed to combat this as they act as a barrier to direct sunlight, inhibiting the photosynthesis that causes algae growth. In addition to this, we have ensured that our solar slats have absolutely minimal sunlight to pool contact areas by extending the opaque solar base layer into the connecting hinge.

Convenience

Full automation on both opening and closing of the Ocea cover system allow for unparalleled convenience. The cover can be activated with ease, either by a turn of a key or using a remote fob. The automation is made possible due to our 24V digitally controlled encoder system – the most reliable and effective calibration system on the market.

Service And Warranty

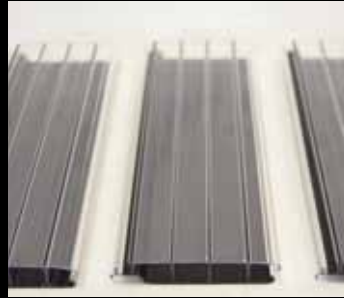
We provide dealer training to all of our trade partners – allowing them to provide qualified and reliable service regarding any Ocea maintenance requests. In addition we offer a comprehensive return-to-base warranty on all of our mechanical parts, motors and controls.

Slat profile



65mm Profile

Ocea's exclusive sleek and interlocking slat profile gives you an unrivalled veneer finish to your pool. Alongside the supreme design, the 65mm profile is optimally engineered with versatility as a key factor; to both seal your pool surface and maximise the solar potential. 65mm was chosen as the profile width as it is the perfect balance between maximising surface contact for heat retention and the ability to tailor the cover to bespoke shapes and sizes without detracting from the beauty of the pool finish.



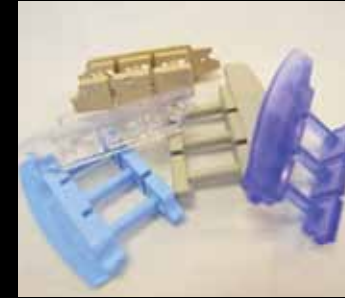
Individually Hinged Slats

Hinging each slat to one another individually allows for greater cover flexibility. The high degree of flexibility this provides makes it possible to use all variations of system configurations on the market. Individually hinged slats also give the cover greater overall tensile strength compared to polyurethane permanent tethered slats. As well as the flexibility gained by this, the hinges also allow for unfettered lateral movement of the cover over the pool surface.



In-house Dual Extrusion

As well as single extrusion, Ocea are exclusively able to offer in-house dual extrusion. This gives us the ability to produce a slat with 2 bespoke colour options, dramatically increasing our colour range.



Cover End Caps

Our 20 years of experience working with a floating cover system has enabled us to fine tune the specific design of our end caps – something that is often overlooked in the market.

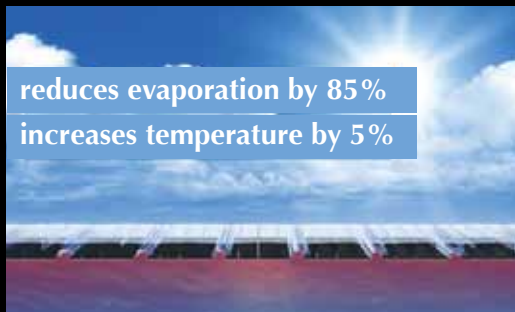
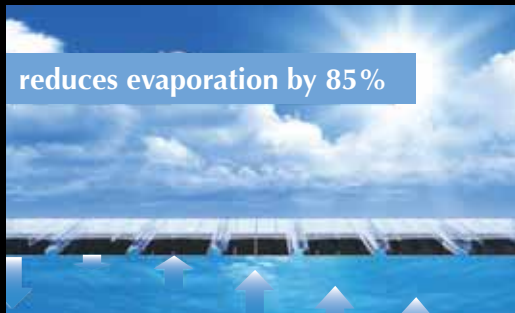
As such, we have specially designed a guiding end cap capable of allowing our covers to effortlessly glide over the pool surface, navigating standard obstacles on the pool shell. In addition to this, our end caps are extremely versatile and can be used in a wide variety of pool finishes – including tiled and liner.

The design of our end caps incorporates a water evacuation slot which prevents the build-up of stagnant water and debris in the connecting chamber.

Unlike other manufacturing methods in the industry each of our end caps are hand glued using a specially selected, neutral cure, medium modulus silicon sealant. This method allows us to have the best quality control process, as each slat is surveyed by our qualified production staff. The sealant itself is a slow cure silicon adhesive with strong binding properties to the plastic, producing an extremely reliable seal.

Solar Advantages

For over two decades Ocea has seen the benefit of utilising the slatted cover system as a heating source by harnessing energy from the sun. Ocea continue to refine their solar technology, using superior materials and processes, providing you with the most effective energy saving and environmentally friendly method of heating your pool. Testament to our commitment to provide leading solar cover technology is the fact that 70% of our customers choose a solar cover option.



The average amount of solar energy available per square meter for the entire earth over an entire day is 164 watts per m². This is an average over 24 hours for an 8hr sunny day and the peak during this 24hr period can easily be 300 watts per m². If you apply this to an average pool measuring 5m x 10m the following amount of energy is available to harness:

Pool size 5m x 10m = 50m²

Average energy available 50m² x 164watts = 8200 watts = 8.2Kw

Peak energy available 50m² x 300watts = 15000 watts = 15Kw

“Prevents 85% of water evaporation”

Polycarbonate modern cover material

Polycarbonate is the latest material available from Ocea. It offers extreme impact resistance, is not affected by direct UV light and therefore comes with a 5 year warranty. The polycarbonate granules are normally produced as a clear plastic – alternatively they can be extruded with an additive to achieve any colour you can imagine. The material properties of polycarbonate allow for use in both extreme hot or cold weather conditions. Advantages of Polycarbonate compared to any PVC:

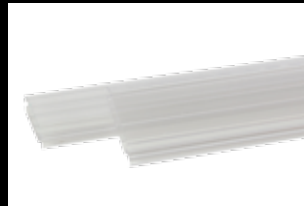
- Resistant to higher temperatures: 130°C
- Increase in UV protection
- Superior shock resistance (hail)
- More rigidity : no deformation
- Extended lifetime
- Extended warranty

Ocea offer three specially selected colour ranges; the Base range; the Natural range and the Contemporary range.

Within these ranges Ocea offer many solar heating slat options. With a solid colour on the bottom – giving a conductive base layer – and a specially selected transparent colour overlay, Ocea are able to offer you the widest choice of solar colour options.

Base Range

The base range contains the most simple, however often most effective, slat options. Within the Base range you can find high performing solar conductivity or fully transparent slats.



Crystal Clear

Ocea's classic transparent slat. The versatile design makes the Crystal clear slat ideal for showing off your pool features and lighting

Crystal Solar

The clear transparent overlay makes this an incredibly effective solar conducting slat



Transparent Blue

Fully transparent with a blue shade, this slat is perfect for an aqua themed pool area

Solar Blue

An incredibly effective solar slat that remains versatile with a transparent blue overlay

Contemporary range

Equally suitable for indoor or outdoor use, the Contemporary range offers colours designed perfectly to balance with a modern, designer home.



Platinum

Brand new contemporary design - perfect for someone looking to add sophistication and style to their pool with the additional benefit of solar heating



Ruby

A clear transparent overlay with a solid ruby red base layer gives this colour option a uniquely intense look



Gold

A yellow overlay and an olive base layer cleverly combine to produce a lustrous gold effect, bringing both elegance and class to your pool



Ocean

Our Ocean colour option has been designed to replicate a tropical sea paradise - giving a pure and relaxing atmosphere to your pool area



Sandstone

This mineral mimicking colour option adds a degree of warmth to a pool area while maintaining a sleek finish



Granite

A neutral colour allows this slat to offer a seamless finish - bringing out your pool features



Fern

A deep transparent green overlay behind a black solar conductive layer gives this colour option a calming and natural feel



Olive

Our Olive colour option is a beautifully balanced deep green, suitable for indoor or outdoor pools

PVC traditional cover material

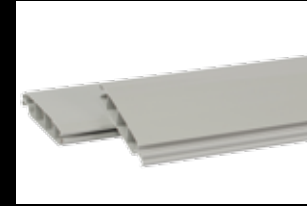
PVC has been used as a plastic slatted cover constituent for over 25 years. This longevity is owed simply to the fact that PVC is an ideal plastic material for use as a slatted cover.

At Ocea we believe that to make a perfect product you need perfect materials, no compromises. As a result, we have sourced the highest quality PVC plastic granules for use in the extrusion of our slats. This allows us to produce the finest PVC slats on the market.



White

Quintessential slatted cover colour that is as popular now as it was when it first entered the market over 25 years ago



Grey

As a neutral colour, Grey is exceptionally versatile and provides an element of professionalism to your pool finish



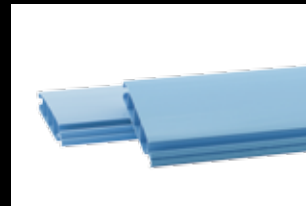
Sand

Another neutral colour, Sand has the benefit of adding an extra level of warmth to your pool area



Mokka

This modern colour option is perfect to add depth to a pool area. With a soft earthy tone, Mokka compliments any natural stone pool features



Azure blue

As vivid as the sky on a clear summers day. Azure blue is both intense and calming as well as blending effortlessly with many pool themes



Transparent blue

Fully transparent with a blue shade, this slat is perfect for an aqua themed pool area



Solar blue

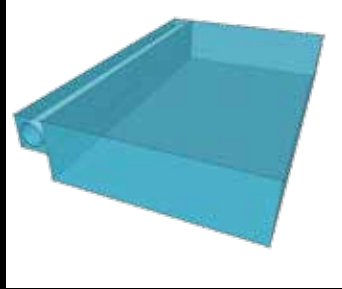
An incredibly effective solar slat that remains versatile with a transparent blue overlay



“The finest
PVC slats on
the market”

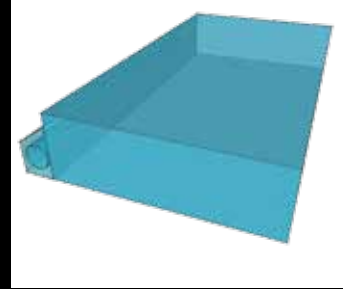
Submerged Systems

Configurations



Flooded alcove

In this configuration, the cover is concealed in a wet pit located behind the pool's back wall. The cover system is accessible from the top to allow for easy maintenance and cleaning.



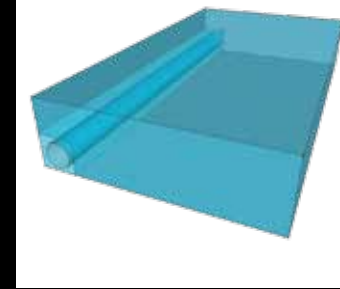
Recess wall installation

This configuration allows for level-deck and infinity edge pool construction whilst disguising pool cover mechanism behind a specially fabricated, stainless steel, structural false wall. The false wall cover system can be completely blended into your pool finish when combined with made-to-measure removable panels suitable for tiling.



Recess floor installation

This configuration allows for level-deck and infinity edge pool construction whilst disguising pool cover mechanism under the structural false floor panel. The false floor cover system can be completely blended into your pool finish when combined with made-to-measure removable panels suitable for tiling.



Internal pool bench

This configuration allows for the submerged drive system to be installed when a purpose built cover pit has not been designed into an existing or new pool. The pool bench cover system can be completely blended into your pool finish when combined with made-to-measure removable panels suitable for tiling.

Drive Systems

Logic

Ocea have continued to refine the Logic motor system that has been in operation for over 12 years. The motor has been extremely reliable over this period, but we have made a few changes to improve the in-house serviceability – notably by using nitrogen rather than resin to waterproof the mechanical components.



The advantage of the Logic motor system is that it is fitted inside of the cover roller itself. This method ensures that installation space is minimised and that there are no moving parts outside of the pool. In this system the cover roller is immersed in the pool and is supported with two brackets, which are bolted to the pool shell. The cable for the motor passes through the pool shell and is covered in a plastic sleeve for protection. The fully automated cover system is operated simply by the use of a key switch or RF controller. The motor comes in 250Nm and 500Nm torque – allowing for a huge range of pool sizes and depths.

Classic

The Classic motor system is the traditional method for motorising an automatic pool cover. This system has been used in the industry for over 25 years and is just as suitable now as it has ever been. Ocea has advanced this technology by adding our Hybrid type electrical power system – this has the added benefit of being watertight, with an IP68 rating.

The Classic motor differs from the logic motor in that it is mounted in a dry pit, external to the pool shell. Ocea have engineered a stainless steel through-the-wall drive passage which utilises a double bearing system and a double watertight sealing mechanism. These processes give the Ocea Classic motor system 2 main advantages; being watertight in the event of a flash flood; and is very accessible for servicing.

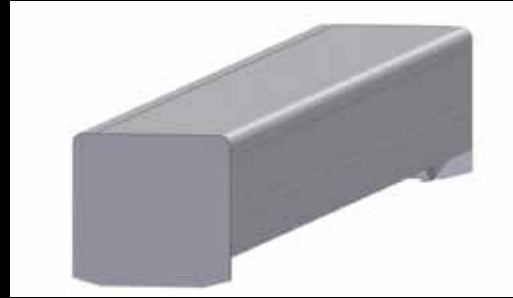
Edge Cover Systems



Edge Simple

This system is suitable for both existing swimming pools and new constructions. The cover roller is located above the water level and is supported by two stainless steel consoles (with an optional coloured acrylic panel) mounted on the edge of the swimming pool. The motor itself is cleverly located inside the cover roller keeping everything engineered in a neat package.

The fully automated cover system is operated simply by the use of a key switch or an optional RF controller fob.



Edge Bench

In this configuration, cover slats are hidden under the casing of the Edge bench, allowing solar protection for both solar and transparent slats. The Edge Bench is a strong construction comprised of a custom coloured stainless steel stanchion – able to support heavy loads.

The fully automated cover system is operated simply by the use of a key switch or an optional RF controller fob.



“Fully automated
cover systems”

