



WORLDWIDE LEADERS

POOL SAFETY COVERS



Reason for buying Aquamatic

The aquamatic cover is driven by hydraulic fluid not electricity. On the surface, most pool covers look similar but the most important part of any pool cover is the drive mechanism. Our patented design will guarantee you trouble free maintenance and increased power performance - see page 12.

INFORMATION
Track type - Concrete Inwall
Colour - Dark Green
Photo: Asher Swimming Pools



WHY BUY THE BEST?

All pools in this country need to have some kind of a cover, mainly for heat retention purposes, preventing water evaporation, chemical loss and to keep debris out of the pool.

Traditionally a Solar Blanket and a Winter Debris cover are used, both requiring manual effort to put on or take off but with Aquamatic all you need is the turn of a key.

An Aquamatic cover also gives you the added safety benefit that nothing can enter the pool unless you turn the key, a welcome thought to parents and pet owners especially.

Not all automatic swimming pool covers are built to the same standards. Aquamatic have dedicated years of investment to give you the ultimate system at an affordable price.

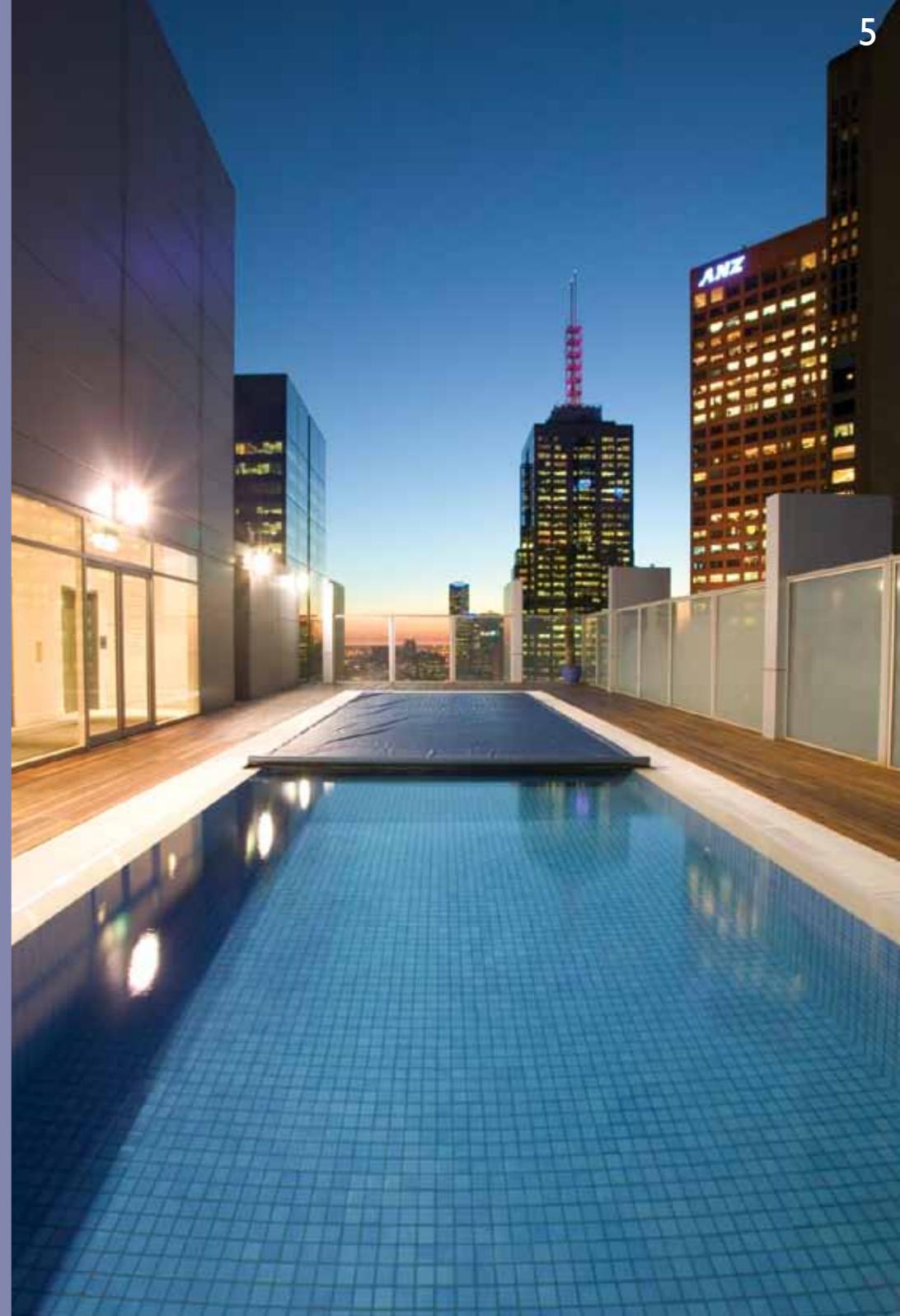
This brochure will help explain all the reasons why you should make the right choice and join over 30,000 others worldwide in owning the very best automatic pool cover system that money can buy.

INFORMATION
Track type - Concrete Inwall
Colour - Light Grey
Photo: Florida Pools, Jersey





Photo: Tanby Pools



COVERS

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Reason for buying Aquamatic

One of the most reliable and quickest covers on the market and with a 20 year limited warranty on the drive mechanism, you can see why Aquamatic is the preferred choice.

OUTDOOR POOLS

No other pool cover gives you more options than Aquamatic. Whatever the size or shape of your outdoor pool, we can provide you with a safety cover system that will suit both your style and budget.

Shown here are some examples of how adaptable and diverse our covers are. If you have an outdoor pool we have the cover for you.



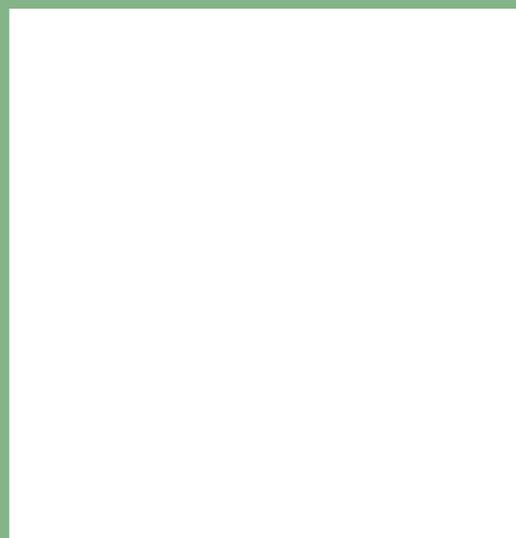
INFORMATION
Concrete Pool
(Internal Roman End)
Track type - Inwall
Colour - Navy Blue
Photo: Tanby Pools

There are lots of options to consider when choosing your cover system. What sort of tracking do you require, should you have above or below housing and of course what colours are available to you. In order to help you decide we have listed these items on the example images so as to assist you to visualise each system. All the information you need to help you choose your cover is here in this brochure.



A cover that will turn your pool into a large passive solar collector and will help raise the pool water temperature.

Any domestic size or shaped pool can be covered.



INFORMATION
Signature Pool
Track type - Inwall
Colour - Dark Green
Photo: Prestige Pools



Deck level pools catered for

INFORMATION
Liner Pool (below)
Track type - Inwall
Colour - Stone
Photo: Aqua Platinum

INFORMATION
Concrete Pool
Track type - Inwall
Colour - Royal Blue
Photo: Tanby Pools

INDOOR POOLS

Any type of pool construction that is built indoors has humidity, condensation and safety issues. Without question, an Aquamatic safety cover system installed on an indoor swimming pool instantaneously prevents these problems arising when the pool is not in use.

Applying an Aquamatic cover on an indoor pool is like placing a lid on the pool, it completely seals the swimming pool. Cutting down on humidity and condensation levels substantially reduce running costs.

If you are considering purchasing a 'Slatted' type cover, please bear in mind that this type of cover is NOT classed or been approved as a safety cover. In addition, approximately 20% evaporation loss occurs in a slatted system due to the gaps that are formed at each joint!

Reason for buying Aquamatic

A 'travel limit system' that incorporates pressure relief valves that will stop the cover when it comes to the end of its travel.





INFORMATION
Concrete Infinity Edge Pool
Track type - Inwall
Colour - Royal Blue
Photo: A & D Pools



INFINITY, SHAPED AND COMMERCIAL POOLS

Aquamatic have a system to suit every pool. Whether you have a private or commercial, shaped or fabulous infinity style swimming pool we have it covered.

Reason for buying Aquamatic

An ingenious trouble free patented slider system combined with a compensator ensures that the cover closes squarely every time.



Reason for buying Aquamatic

Aquamatic is the most versatile cover, enabling you to house the cover either above or below ground with a combination of three different types of track; flush, surface and inwall track.

INFORMATION
Signature Pool
(Internal Roman End)
Track type - Inwall
Colour - Royal Blue
Photo: Prestige Pools



HOW OUR COVERS WORK

A PVC reinforced fabric is attached to an aluminium leading edge bar that spans the width of the pool. A unique 'Slider' mechanism is attached to the leading edge and this slides through aluminium tracking placed either side of the pool.

A marine quality nylon cable cord is also attached to the fabric and threads up and down the tracks onto a 'Drive Mechanism', which activates a pair of cast aluminium reels. The Drive Mechanism is operated by a key operated switch. The cast aluminium reels wind up the nylon cables which pulls the fabric through the tracking to close the cover.

To remove the cover the Drive Mechanism simply activates the 'Roller Tube', this winds up the fabric on to the tube just like a conventional reel system used for Solar Covers.

Safety Remote Operated Key Switch (Stop, start or reverse cover at any time)



Available in Stainless Steel (flush fitting only).



INFORMATION Unique double hydraulic motors

WHAT 'POWERS' IT?

A 'Powerpack' hydraulic pump that pumps hydraulic oil through two 9mm/155 BAR rated hoses which are connected to TWO hydraulic motors via a reverse flow manifold.

Each motor independently activates either the 'Reel System' or the 'Roller Tube' and because there are no clutches involved a smooth and reliable service is delivered time after time!

There is no electrical supply required to power the drive mechanism. Therefore, in the event that the pit housing is flooded, there will be no costly repair bills as all the components in the pit area are unaffected by water.



Inwall, Flush or Surface Mounted Tracking

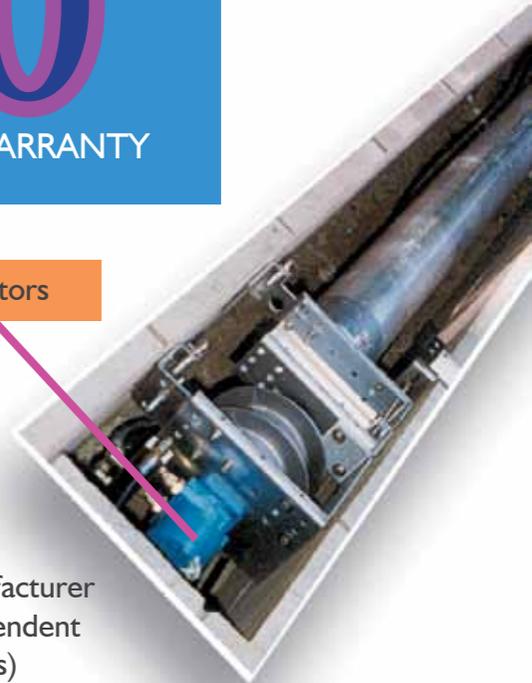


Aluminium Leading Edge Bar

Roller Tube (in pit housing)

20 YEAR DRIVE WARRANTY

TWO hydraulic motors



No other cover manufacturer supplies TWO independent hydraulic motors)

5032 - Navy Blue

5001 - Royal Blue

5029 - Light Blue

6001 - Dark Green

6194 - Sage Green

1003 - Stone

7244 - Charcoal Grey

7024 - Dark Grey

7193 - Light Grey

COVERS

CHOOSING YOUR COVER

All our cover fabrics are manufactured and assembled under license by Aquaflex Ltd. Having the cover material cut and prepared in the UK has the added benefit of a quicker manufacturing time and reduced costs. A cover can be made and dispatched in 24 hours!

The cover fabric used for all UK installations is a (BS3424/5A) 630g/m² flexible plasticised PVC material. The fabric has a high gloss lacquer on both sides and contains a high tensile polyester scrim reinforcing layer to enhance tear strength. This lacquered finish will also enable the fabric to be cleaned far easier compared to other non-lacquered fabrics.



Colours depicted are as close as the printing process allows. Samples are available on request.

Other colours available, subject to surcharge.

LIFE EXPECTANCY AND CHEMICALS

Aquamatic fabric material has a life expectancy of approximately 7-10 years and all have a seven year pro-rated warranty. Apart from UV and wear & tear, the most common cause for a reduced fabric life span is the incorrect use of pool chemicals i.e. continuation of high chlorine levels or 'Shock Chlorine Treatments'. Having an Aquamatic cover substantially reduces the amount of chemical required to sanitise the pool water as approximately two thirds of all organic matter is prevented from entering the pool. The cover also restricts up to 90% of light from entering the pool thus preventing algae from growing!

Normal chlorine levels required with an Aquamatic cover can be reduced to 1ppm. If a 'shock treatment' is required, we recommend that a 'Non-Chlorine Shock Treatment' (Sodium Monopersulphate) is used.

All Aquamatic covers can withstand temperatures from -30 / +70°C.

An Aquamatic Cover is not Crease Free!

It is impossible for the fabric material that covers the pool to be crease free. The cover material is manufactured to the exact width of the track to track measurement plus, another 100 - 125mm of excess material. The excess material is to allow the cover to sit correctly on the water surface. Therefore, when applying a cover to the roller tube (the same width as the track to track dimension) a number of folds have to be made, this results in creases forming in the cover at the pit/surface housing end. The amount and length of creases differ on every Aquamatic installation, this is dependant on size, shape etc.



HIDDEN STITCHING

Aquamatic uses a unique overlap welding method to ensure the underside stitching is protected and not visible

What type of installation would best suit you?

The Aquamatic Safety Cover can be applied to any domestic pool size or shape. By offering a choice of above or below the surface mounting it offers you either a cover which disappears into a surface mounted cabinet with no disruption to existing paving; or, by making a pit construction, allows for the cover to be stored below deck level.

ABOVE GROUND INSTALLATION

An above Ground Installation is ideal for situations where the surrounding deck area, e.g. paving, is not to be disturbed and saves on the inconvenience and added expense of not having to build a below ground pit housing.

The cover can be retracted into either a flush or surface mounted tracking into an above ground housing that is fixed to the surface of the surrounding deck area (a good solid base is required).



Top Track

Flush Track



INFORMATION
Concrete Pool
Track Type - Flush Mount
Bench Housing - White Polymer
Colour - Charcoal Grey
Photo: Alan Bettin Swimming Pools



POLYMER HOUSING

A Polymer housing cabinet is available from Aquamatic to house the cover system. The housing is manufactured using 100% virgin, high impact, Polystyrene Resin which is available in six different colours. Polymer cabinets are very durable, lightweight, and require no maintenance. They are also very easy to construct and can take the weight of several people (NB. not to be used as a diving platform).

TIMBER

Alternatively, the cabinet housing can be made out of a timber construction by a skilled tradesman (special bench support brackets can be provided for this purpose).

See page 20 for more Polymer colours.

The cover is retracted through either top, flush or inwall mounted tracking into a storage pit, below deck level. Pit Construction (13"/330mm wide) is made either by using concrete blocks or a polymer shell, no RSJ lintel is required. A polymer, synthetic wood or in-fill lid is supplied as standard.



Inwall tracking enables you to conceal the tracking extrusion within the parameters of the pool wall. The cover is retracted through the inwall tracks and enters the pit housing over the pool wall structure, not the coping edge. With this method of installation, the Leading Edge Bar is also less obtrusive, as the bar comes to rest against the pit housing lid.

Above and below - Concrete Inwall Track

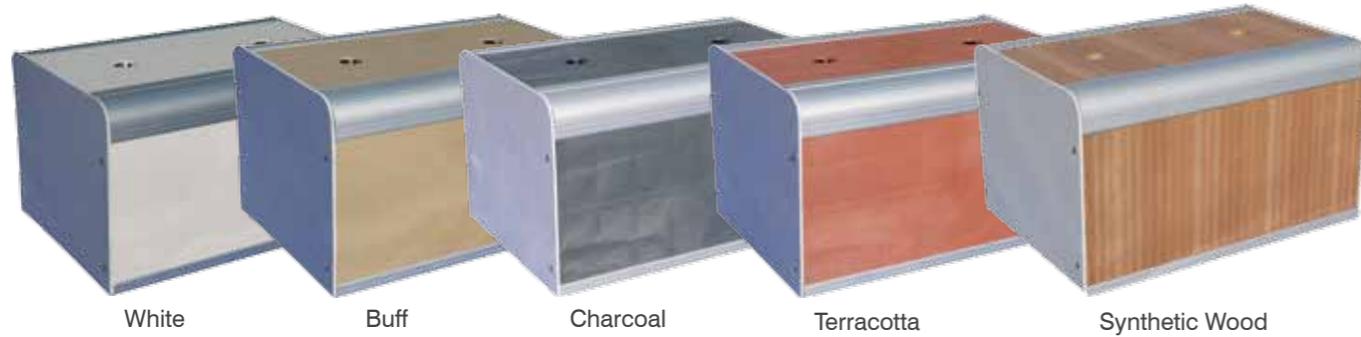


Photo: Tanby Pools

INFORMATION
Concrete Pool
Track Type - Inwall
Colour - Charcoal Grey
Photo: Tanby Pools

Polymer lids are manufactured from 100% virgin, high impact, Polystyrene Resin. They are hard wearing, unaffected by poolwater chemicals and UV resistant. There are a number of lid options available to cover the pit housing. The pool surround will ultimately have an influence on what type of lid will be appropriate. Our standard lids consist of three options, either Synthetic Wood, Polymer or a Stone finish and are designed for light foot traffic only. All lids are maintenance free.

POLYMER COLOURS

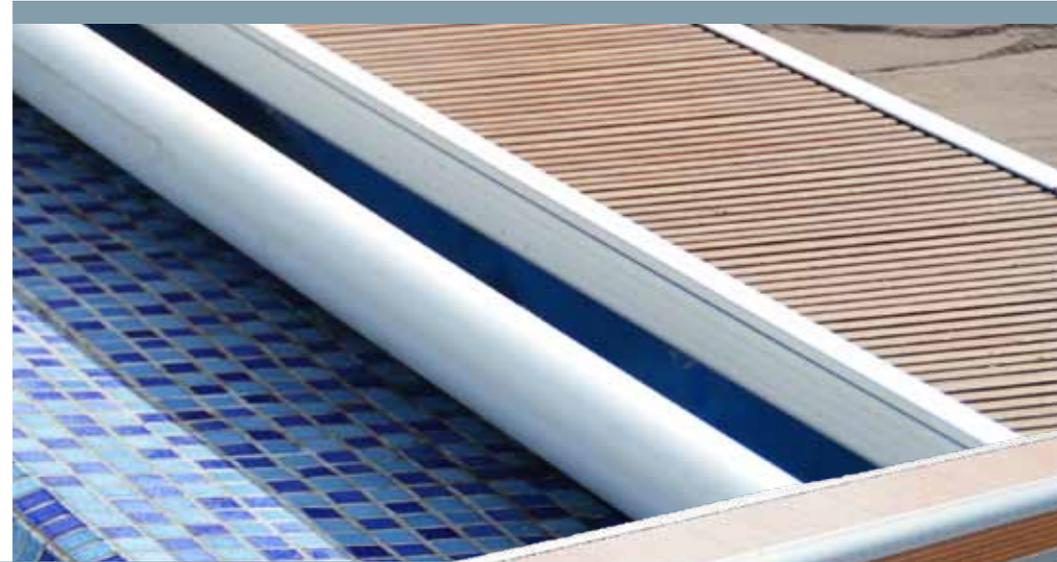


INFORMATION
 Left: Flush Track - Polymer Lid
 Below: Concrete Inwall - Polymer Lid

Polymer colours depicted are as close as the printing process allows. Samples are available on request.



Manufactured from structural polymer the synthetic wood housing lid is an ideal alternative to using natural wood finishes. UV stabilised (resists fading for 10 years+), non slip, extremely hard wearing, it is unaffected by poolwater chemicals and will not warp or split. It is 100% recyclable.



Looks and feels like real wood!

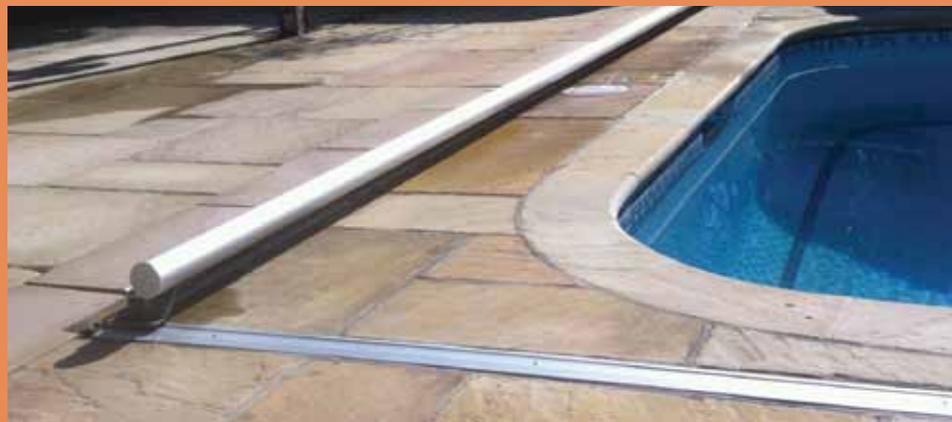


Also available as a bench model.
 Suitable for: Flush, Top or Inwall Tracking.

HOUSINGS - STONE

Stainless steel pans are available to enable you to use the surrounding deck materials. Dependant on the type of tracking that is used will effect the depth of stone finish. Your dealer will be able to advise the best options.

Inwall Track Level Tray System
Suitable for: Liner of Concrete Pools
Maximum stone depth 50mm



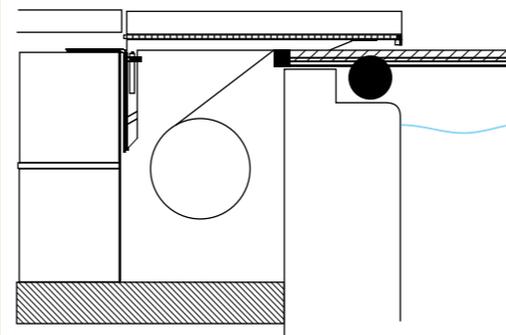
Flush Track Stone Tray System
Suitable for: All Pools
Maximum stone depth 25mm

HOUSING - HIDDEN LEADING EDGE BAR

Available for concrete pools only, heavy duty stainless steel pans span the pit housing and pool dividing wall thus hiding the leading edge bar when viewed from above. Incurring minimal lid deflection (2-4mm) when foot traffic is applied. Maximum weight limit is restricted to 50kg for this system.



new arrival



Inwall Track
Hidden Leading Edge Housing
Suitable for: Concrete Pools
Maximum stone depth 50mm

Photo: Aquarian Pools

NOTE
Freeboard for this system
between 170-200mm
dependent on surround finish.



Hidden leading edge bar
when viewed from above!

Photo: Aquarian Pools



The Lift Lid system is uniquely engineered to hide the lowered bond beam, as well as the leading edge bar of the cover. It rests solidly on the lowered bond beam providing a completely stable, zero deflection walking surface that incorporates your pool coping or decking surround. The cover vinyl is sandwiched between two nylon rails which also act as a water stop and blocks virtually all pool water from splashing into the cover recess.

Ask your dealer for details.

LIFTLid™
'ONLY WITH AQUAMATIC'



No weight limit! Zero deflection!

Photo: Pool-Tec

DUAL HYDRAULIC MOTORS

EXCLUSIVE! The fundamental difference between Aquamatic and other safety cover systems available on the market today is the drive system. Aquamatic incorporate a 'dual hydraulic drive system' consisting of two independent hydraulic motors, one to close the cover and another to open the cover. Having two independent motors is substantially more powerful and therefore able to cope with the drag factor, caused by water, that is often associated with pools built in the UK. The hydraulic drive system has a 20 year pro-rata warranty.



Beware of other cover systems claiming to have a hydraulic system, many of them use only one motor incorporating a clutch/gear system that is prone to maintenance problems and lower torque performance



Aquamatic Travel Limit System makes sure your cover stops when it reaches the end of its travel or hits an obstruction.



The Aquamatic screen mesh removes the necessity of a cover pump every time it rains!

TRAVEL LIMIT SYSTEM

EXCLUSIVE! Standard equipment on the Aquamatic cover is the 'travel Limit System' that incorporates pressure relief valves that will stop the cover when it comes to the end of its travel. When the cover touches the end of the pool it must stop. This creates fluid over-pressure causing the fluid to bypass back to a built-in reservoir ceases to drive the hydraulic motors. This hydraulic system is unique to Aquamatic.

RAIN WATER REMOVAL SYSTEM

EXCLUSIVE! Every outdoor Aquamatic cover has a built-in rain water screen mesh. Having this facility removes the necessity for the use of a cover pump every time it rains! However, if there is an excessive amount of water on the cover, a cover pump is supplied to enable this water to be removed. Throughout the winter period, we advise that a cover pump is used continuously to prevent water build up when the pool is generally not in use.

BUILT-IN COMPENSATOR

EXCLUSIVE! Aquamatic cover systems are **GUARANTEED** to close squarely. Using a unique built-in compensator mechanism, Aquamatic is able to redistribute the fabric material whilst in operation thus guaranteeing to close the cover squarely, every time!



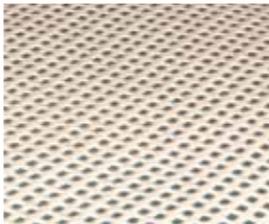
Make sure your cover closes squarely every time by using Aquamatic's unique built in compensator.

**REINFORCED HYDRAULIC HOSES**

All hydraulic runs over 25m are automatically converted to reinforced hoses to prevent hydraulic back pressure ensuring a smooth and trouble free operation.

COVER TREATMENT

EXCLUSIVE! 'Cover Treatment' is applied to the underside of the fabric material to reduce 'deck drag'. Deck Drag is the result of water or condensation collecting on the underside of the cover material, preventing free movement over hard surface areas such as paving or smooth coping stones when the cover is in operation.



This patent protected system will reduce 'deck drag' and provide a smooth motion over hard surfaces such as paving or smooth coping stones.

Cover treatment is a result of many years experimentation with various types of mesh treatments. Aquamatic have their mesh formulated especially for their own cover system.

Cover treatment can also be applied for free form shaped pools, rectangular pools with step units either on the end or the side of the pool.

Cover Treatment in some instances, can replace the need for installing an air system that is used on a free form shaped pool i.e. large paved areas.

**HOW SAFE IS SAFE?**

Aquamatic cannot guarantee that your pool is 100% safe, no cover system can. Although Aquamatic is a proven and tried system, it still relies on the home owner to keep the pool covered when not in use. As any parent knows, having children at whatever age or however well disciplined they are, or as vigilant as you are as a parent, you can never guarantee their safety or prevent an accident from occurring.



Controlled demo only. Original photo taken on an Aquamatic cover.

Installing the Aquamatic cover will give you an added safety factor and minimise the risk that owning a pool can have in endangering the lives of family and friends. If you decide to purchase a safety cover, please bear in mind that although the Aquamatic Cover System can sustain the weight of many people, it is not a toy. Children or Adults should never be enticed to walk or play on a cover.

MAINTENANCE

An Aquamatic safety cover, like a car, is **NOT** a maintenance free product. Depending on the location and use of the cover will determine how much maintenance is required. From our experience, every cover installation has it's own individual maintenance requirements. Some cover systems will require an annual service, whilst others, once every three or four years!

Maintaining your pool cover system is generally limited to flushing out the track guides with water and lubricating with Silicone spray on a regular basis.

Wearable parts such as Sliders, Pulley Bearings and End Stop Guides can be changed either by the home owner, dealer or an Aquamatic engineer. As with all things, the greater the care, the longer the life and an Aquamatic cover system is no exception. *Instructions for changing Sliders etc are available from your dealer.

ASSEMBLED IN THE UK

Paramount Pool Products have been importing the Aquamatic cover system into the UK since 1995. Due to the overwhelming demand a commercial decision was taken in 1998 to assemble each cover to order here in the UK. In addition, the fabrics are also manufactured under license here in the UK.



Having all the component parts in stock and a fleet of installation crews enable us to offer an expedient and reliable service that we believe is unmatched within the industry.





ACKNOWLEDGEMENTS

We would like to thank the following companies who contributed and provided photographs within this publication;

A&D Pools Alan Bettin Pools Aqua Platinum
Aquarian Pools Aruba Pools Asher Pools Chiswell
Pools Falcon Pools Fowler Pools Florida Pools (Jersey)
Grayfox Pools Harlequin Pools
Home Counties Swimming Pools Howards Hydrocare
Planscapes PolyPools Pool People Prestige Pools
Tanby Pools
Town & Country Pools Spruce Pools XL Pools

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Front Cover Photo: Aquarian Pools Back Cover Photo: Aqua Platinum

WORLDWIDE LEADERS

Dealer

Sole UK Distributor: Paramount Pool Products
To find your nearest Aquamatic dealer or to view our online gallery
visit our website www.paramount-pools.co.uk