

*** ROLLER NOT INCLUDED**

Solar Swimming Pool Cover

User Manual

[Revision 2.0 October 2018]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.



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Preface

Congratulations on your purchase of a new solar pool cover.

Please spend a few minutes reading this owner's manual. It contains important information on the operation and care of your solar pool cover.

Safety Reminders



Warning!

AVOID RISK OF DROWNING

- Do not use this cover on pool unless pool area is entirely fenced and the gate is locked.
- Stay off the cover and keep children away; supervise them at all times
- The cover is not designed to support people and heavy weight.
- Remove the cover completely before bathers enter the pool – children or objects cannot be seen under the cover; entrapment is possible.
- Remove stagnant water on top of the cover – children can drown in it.
- Non-secured or improperly secured covers are a hazard.
- This is not a safety cover.
- Do not swim under the cover.



Warning!

YOUR POOL COVER COULD BE DAMAGED BY THE FOLLOWING:

- The user did not properly follow the installation instructions.
- The chlorine level of the pool is maintained at a higher than normal level.
- The cover is left rolled up out in direct sunlight while user is not within the vicinity of the pool.
- The cover is stored in an area that does not have a complete shade.
- The pool water's temperature exceeds 40° Celsius.
- The cover is stored at temperatures above 45° Celsius.
- The cover is subjected to certain conditions that can result in tears, cuts or damages.



Installation Instructions

Fitting a pool cover over a pool is a relatively simple job. Take your time, and cut it at least twice – preferably leave 2 to 3 weeks between your first and final trim. This allows for the packing folds to flatten out, and for the pool cover to settle. It is possible for a pool cover to lose around 10% of its length within the first couple of weeks – this is acceptable for a new pool cover, so bear this in mind and do not cut off too much thinking that the pool cover is too big.

Remove the pool cover from the box, and lay it next to the swimming pool. Carefully unfold it, and **spread it over the pool surface, bubble side down**, smooth side up. If you can, leave it in the sun for a couple of hours to give the pool cover time to “relax”.

When it is ready, smoothen out the pool cover over the pool surface, getting rid of wrinkles and air pockets. Smoothing it with a pool broom often helps. Once flattened, you can start trimming it to shape with a pair of sharp scissors. When you arrive to the skimmer box, cut a “flap” or “tongue” to sit inside the box.

We suggest fitting the pool cover a little larger than the pool’s area so that it “turns up” at the edges, creating a bowl effect within the pool. Leaves or debris will then sit on top of the pool cover, rather than falling into the water. Leaves can then be brushed or blown into the skimmer box before taking the pool cover off. Leave a good 10-15cm of extra material all the way around during this first trim, cutting the pool cover so that it sits just under the pool coping.

If you have someone to help, ask them to hold the pool cover still at the opposite side of the pool to where you are working. While you are trimming, it is important to keep checking behind you and in front to make sure that the pool cover does not move.

Once you have your basic fit, stop cutting and then leave the pool cover for a short period of time. In around 2-3 weeks’ time, you can come back and trim it to the final fit.

Maintenance and Storage

Ideal Pool Conditions for the Solar Cover

With UV (ultraviolet) and pool chemicals such as chlorine, a pool cover lives in a very harsh environment. The chlorine in the water and the UV rays produced by the sun will constantly attack it. Heat will also play its part in accelerating the effects of the chlorine and UV.

Solar covers have a limited life and will only last around 50-125% of their life span, depending on the amount of care given by the owner.

The environment in a pool is created by:

1. The amount of UV rays produced by the sun.
2. The volume of swimming pool chemicals (such as chlorine) in the pool water.
3. The chemistry parameters that balance the pool water such as pH (potential of Hydrogen), CH (Calcium Hardness) and TA (Total Alkalinity).
4. The heat of the pool water (while the cover is on the pool).
5. The heat generated in the pool cover (while the cover is off the pool water).
6. A combination of all the above factors.



SUMMARY: A swimming pool with a high volume of chlorine / unbalanced water will reduce the lifespan of a pool cover, and speed up the process of degradation.

By following a few simple rules of pool cover maintenance, you can ensure that your pool cover has a longer service life. Here are a few tips:

- **ALWAYS FOLLOW THE WRITTEN RECOMMENDATIONS ON THE MANUFACTURER'S INSTRUCTIONS.**

Reading and following the instructions will greatly increase the lifespan of your pool cover.

- **MAINTAIN IDEAL CHLORINE LEVELS.**

Remove the pool cover from the pool when you chlorinate the pool water to prevent chemical damage.

The manufacturer does not warrant chemical damages.

Ensure that the pool water is pH-balanced.

- **POTENTIAL HYDROGEN (PH)** ideal range: 7.2 to 7.8. If the pH is too low, the water becomes very corrosive. If the pH is too high, scaling will occur.
- **CALCIUM HARDNESS (CH)** ideal range: 150 - 400 ppm. If the CH is too low, the water becomes corrosive. If the CH is too high, scaling will occur.
- **TOTAL ALKALINITY (TA)** ideal range: 80 - 120 ppm. If the TA is too low, the water becomes corrosive. If the TA is too high, scaling will occur.

Do not allow the FC (Free Chlorine) level to exceed 4.0 ppm (4 parts chlorine to 1 million parts water, which is 4 ml per litre). The ideal ppm range is between 1.0 - 3.0 ppm. The ideal CC (Combined Chlorine) level is 0 ppm and should not exceed 0.2 ppm

These levels provide a guideline of recommended ranges for safe bathing. Consult your water treatment supplier for further information.

When a pool is "shock-dosed" with chlorine, ensure that the pool cover is completely removed from the water surface area and replaced only when the chlorine level is back to normal.

High chlorine levels and an unbalanced pool water will increase the corrosive effect on the pool cover and can lead to premature aging, bleaching, discolouration and crystallization of chemical residues on the surface of the pool cover.

Chlorine in its natural state is a gas. When it is added to the pool water (solid, liquid or gas), it automatically reverts back to its natural state (a gas) and rises through the water then dissipates into the atmosphere through evaporation. When a pool cover is installed on a pool, this evaporation does not occur and the chlorine re-circulates through the water, a movement created by the pool pump and filtration equipment. This action will sanitize the water. The volume of chlorine in the pool will increase when the pool cover is installed. To avoid a higher concentration of chlorine, the level and input of chlorine must be reduced between 30 - 60%. Turn down the controls on your automatic dispenser or salt-water chlorinator. If physically adding, reduce the quantity to obtain the correct chlorine levels and water balance.

Ensure that your pump and filtration system is operating during the hot part of the day (10am to 4pm) while a pool cover is installed on a pool. The sun heats up the water, penetrating through the pool cover or absorbs heat through heat-retention pool covers. Warm water rises together with chlorine gas, while the water beneath remains cool. The heat needs to be released and get the chlorine moving throughout the water again.

This will mix and circulate the concentrated level of chlorine, warm water and cool water, and will keep the build-up of chlorine away from the pool cover. All of this will gain the best benefits for the pool cover and will help in prolonging its life.

Protecting the Solar Cover

If the pool cover is being used on a pool that has solar heating, temperatures should not exceed 40° Celsius, as this will reduce the life of the material. When not using the pool cover, keep it out of direct sunlight. Overheating the pool cover can damage the air cells. You can use the white plastic sheeting provided or a white fabric to cover the pool cover when not in use, or remove the pool cover from sun exposure. The manufacturer does not warrant overheating damages.

All pool covers must be stored in a shaded area out of direct sunlight. Never leave it under direct sunlight while folded or wound onto a roller. The heat generated by the sun will be magnified many times, causing the degradation of the material. The results may not be immediate, but they can be very serious.

The effects will be that of very high heat being concentrated inside the cover material, leading to the air in the bubbles expanding and forcing apart the laminated area. It will cause the bubbles to join together, making strips of bigger bubbles. This in itself is not dangerous unless repeated constantly. The pool cover can also become so hot that it will glue itself together, destroying itself, or lines of degraded wrinkled bubbles can appear across the pool cover. These can cause the pool cover to shrink.

Most manufacturers and suppliers of pool covers have light, opaque, coloured reflective storage covers that will help protect the pool cover against the harmful rays and heat of the sun.

Storing the Solar Cover

Solar cover rollers make handling the cover much easier and can help prevent accidental damage or tearing. Without a roller, it takes at least two people to carefully install and remove the pool cover.

The best way to store your pool cover is with a roller, or a pool cover roller. The pool cover is attached to the roller with straps, and is rolled up when the cover is not in use. Most rollers have wheels that can be used to store the cover and roller when it's party time or when you just don't want it around. However, you do not need a pool cover roller. Most pool covers come with a large white bag for storage. You must put the white over-cover (supplied with the roller) over the pool cover every time you roll up the cover, even if bathers only swim for only 10 minutes, as this is actually enough time to destroy the pool cover.

You can also just pull the pool cover off of the pool, fold it and put it in the shed or garage. A pool cover should be stored in a covered and protected area below 45° Celsius.

When storing your pool cover for the winter, use a swimming pool cover cleaner. Do not leave the pool cover out in the open during winter unless it is on the pool, being used.

Be sure to fold any flaps on the pool cover before rolling it up. This will ensure that you don't put any excessive force on the pool cover and also allows it to be moved more easily.

Before storing the cover, you must ensure that it has been washed on both sides with fresh water. This does not apply if you are replacing the cover within 24 hours. This prevents the chlorine residue from burning the cover.

When putting the cover back onto the pool, you must roll the cover out slightly, fold one corner over onto itself (to create a bow effect), pick up the other corner and walk slowly towards the side of your pool.



Cleaning the Solar Cover

When the cover is installed on the pool, dust and debris will be less prone to settle into the pool – most will be blown away by the wind. (Without the cover, debris will get waterlogged and sink). Airborne dust and debris can be swept to one area of the cover then removed, or with the pool filtration running, hose the debris towards the skimmer basket.

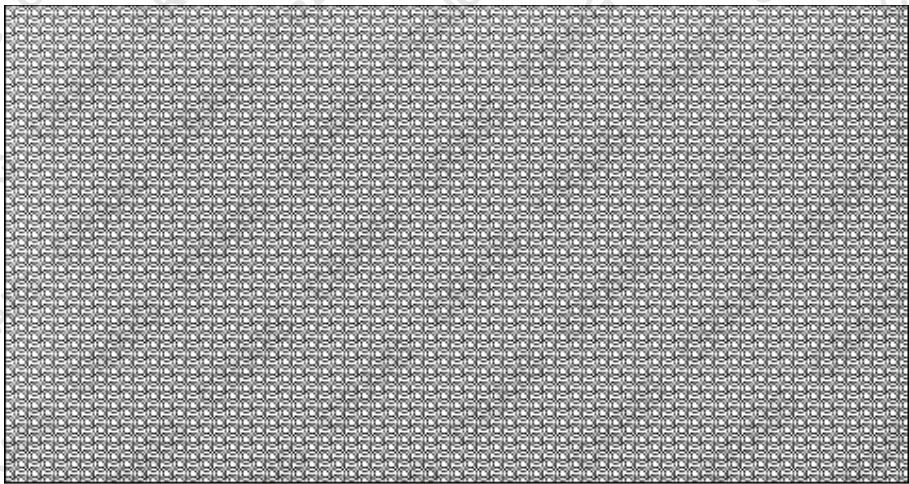
The best way to clean your pool cover is to use a pool cover cleaner. Wet the pool cover and use your telescoping pole and your pool brush. Squirt the pool cover cleaner on the pool cover and scrub it. You can do this with the pool cover right on the pool if you want to. When you are done, get a hose and hose the dirty water into the skimmer opening. It may be easier to remove the pool cover from the pool and spread it out on the lawn. If you have a slope you can spread the pool cover on it, as this will make rinsing easier. For quick cleaning, you can just hose off the pool cover while it is on the pool. Hose the debris right into the skimmer opening or into the corner and use your leaf net to remove the debris. You should allow the cover to dry before rolling it up.

Caring for the Solar Cover

To prevent any damages to your pool cover, do not drag the cover over abrasive pool decks, coping, or any sharp, ragged surfaces. This is why it is important to place your roller as close to the end of the pool as possible. On pools with curved ends, there is less drag when the roller sits over the widest part of the pool.

Even with the best care, most pool covers will last for only a couple of years due to constant exposure to sunlight on one side and pool chemicals on the other. Nevertheless, the benefit of using a pool cover is well worth the cost, even if you have to replace it after just a couple years. The savings you earn from warming the water and preserving the heat your pool heater produces will add up to hundreds of dollars per swim season.

Specifications



950cm

500cm

Blue Solar Cover Pool Cover

9.5 x 5m

Weight

20kg



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

