



# Autosave™ safety spa cover Owner's Manual

This spa cover has been installed with the following features:

- Auto-Shutoff (Instructions included separately)
- CoverLink™ Control Pad (Instructions included separately)
- Automatic Chlorinator (Consult your pool company for use)

*Please read operation instructions for these features.*

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## PLEASE READ AND FOLLOW ALL INSTRUCTIONS!

**WARNING:** When installing and using this electrical equipment, basic safety precautions should always be followed, including, but not limited to the following.

1. To reduce the risk of injury, do not permit children to operate this product.
2. Remove and safely store the key after covering or uncovering your spa.
3. Turn off the electrical breaker when the cover will not be used for extended periods of time or as an added layer of protection against unauthorized operation. Always turn off the breaker before servicing the cover.

### INSTALLATION SAFETY CHECKLIST

For your benefit, please double check the following items with your installer/representative to aid in your understanding of the use of your cover.

	YES	NO
1. Has a representative from the company who installed your Autosave cover explained to you the proper operation of the system?	_____	_____
a. Roll-up adjustment	_____	_____
b. Chemical application as it affects the cover	_____	_____
c. Authorized operation	_____	_____
d. Proper maintenance	_____	_____
e. Placing the cover pump in position when the cover is closed.	_____	_____
2. Did a representative offer you assistance on how to maintain a safer pool and spa area?	_____	_____
3. Did you receive drowning prevention information?	_____	_____

Please take the time with your representative to go over this list to be sure that you understand the importance of the proper use of your spa cover.

## ⚠ WARNING ⚠

### AVOID DROWNING RISKS

- REMOVE STANDING WATER - CHILDREN CAN DROWN ON TOP OF THE COVER
- REMOVE THE COVER (S) COMPLETELY BEFORE ENTRY OF BATHERS; ENTRAPMENT IS POSSIBLE.
- NON-SECURED OR IMPROPERLY SECURED COVERS ARE A HAZARD.
- DO NOT WALK ON THE COVER EXCEPT IN AN EMERGENCY.
- FAILURE TO FOLLOW ALL INSTRUCTIONS MAY RESULT IN INJURY OR DROWNING.

MEETS ASTM F 1346-91 CLASS PCS WHEN USED AS INSTRUCTED.

### PROTECT YOUR INVESTMENT

**GENERAL:** Your automatic cover is designed to perform reliably throughout many years of daily use. Since the automatic cover is easy to use, some people allow anyone to operate it. Our experience shows that service requirements increase with the number of people who operate the cover without having received instruction. **DO NOT ALLOW ANYONE TO OPERATE THE COVER UNLESS THEY HAVE BEEN PROPERLY INSTRUCTED. NEVER ALLOW CHILDREN TO OPERATE THE COVER.**

**WARNING:** Do not walk on the cover except in the case of an emergency. Playing or walking on the cover unnecessarily can cause injury and increases the risk of damage to the cover. The standard aluminum lid over the cover housing is not strong enough to walk on; to prevent damage or injury, avoid stepping on the lid. Lids may be slippery when wet. Before operating the cover, remove all objects from the spa and cover, including toys, spa cleaners, cover pumps and hoses. Be sure you have full view of the spa area when operating the cover. Do not leave a spa partially covered.

## OPERATING INSTRUCTIONS

**COVERING:** Remove any objects from the spa.

Turn the key in the cover direction until the spa is completely covered. For the optional Coverlink digital control pad, enter the four-digit PIN and push “cover” until the spa is covered.

**FOR UNDERTRACK SYSTEMS**, release the key or control pad a few inches before the end of the spa, let the cover coast to a stop, then turn key to close or press “close” until the front of the cover taps the end of the spa. This method of a “soft stop” will add to the life of the cover and its components rather than over-running to the end of the spa under full motor torque and having the cover hit the end.

**FOR UNIVERSAL TRACK SYSTEMS**, run the cover up to within two to three inches of the end of the track and stop. Do not attempt to close the cover completely against the pulley castings at the end of the tracks. A convenient way to judge this is to place a stop mark on the cover, which will align with a stop mark placed on the tracks at a place where you can see it from the control.

After closing remove the control key from the key switch, then store it in a secure location to prevent unauthorized operation of the cover. The CoverLink digital control will deactivate after 20 seconds without input.

Put the cover pump on the cover at this time. Keep the pump on the cover whenever the spa is covered.

**UNCOVERING:** Remove the cover pump and any debris that may damage the cover.

Insert the key and turn it towards “uncover,” or if you have a CoverLink control, enter the PIN and press “uncover.” Continue to uncover the spa until the cover is within a few inches of the end of the spa. Let the cover coast to a stop, then operate the cover until the spa is completely uncovered. Do not retract the spa cover too closely to the end of the tracks.

In most cases the leading edge in undertrack models should rest half way across the spa end wall. On universal track models, the leading edge should stop before the mechanism housing.

**NOTE:** By stopping the cover briefly before hitting the spa wall or track ends, you can add life to the cover components.

## WATER ON TOP OF THE COVER

Standing water on top of your cover poses as great a hazard as an open spa. You have been provided with a submersible pump that has an automatic on/off switch, designed to reduce this hazard. The pump should be placed on the cover anytime your spa is covered.

To place the pump on your cover, you can set the pump at the side of the spa, then push it into place with a pool brush. Or, if someone is available to assist you, stand at the motor end of the spa and place the pump on the cover as it closes.

Be aware that water accumulation on top of the cover can come from holes or leaks in your cover or from overspray and misdirected sprinklers while watering, not just from rain or snow. Obviously a cover that is covered by water is a hazard.

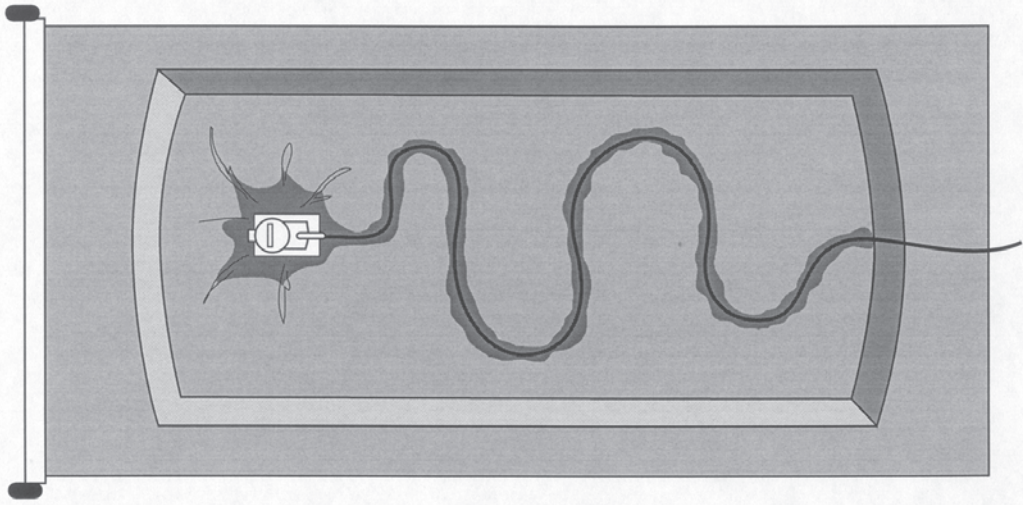
Isolated puddles tend to migrate toward a depression. A young child can create a depression great enough to collect a dangerous amount of water.

**Caution:** Never attempt to run the cover with water on it. Damage can occur to the fabric and mechanism.

After your pump has stopped and most of the water has been removed, the pump itself should create enough of a depression to allow continual consolidation of water. This consolidation can be enhanced by snaking a long discharge hose over as much of your cover as possible to create a natural channel for water to flow back to your pump (see diagram). The water will be removed as it is channelled back to your pump. Due to different shapes and construction styles of pool or spas, the occurrence of isolated puddles of water will be specific to your cover. After you become familiar with where the puddles usually occur, you should be able to position your discharge hose so you can remove nearly all the water on your cover.

If you plan on being away from your spa for a long period of time, you should find a neighbor or friend to check your cover frequently to make sure all standing water has been removed. Your pump can be left on the cover all winter. The pump will freeze into the ice without damage and it will activate itself as the ice melts during the winter. Make sure you keep power on to the pump and that the discharge hose is free of kinks.

## PUMP PLACEMENT ON SPA COVER



**NOTE:** Cover-Pools supplies a variety of pumps depending on the size of your cover and region you live in. Carefully follow the instructions that have been supplied with your pump.

**WARNING!** — Your pump is an electric appliance and caution should be used when handling your pump and electric cord around water. Do not use extension cords. If your pump or cord becomes damaged, replace the pump immediately. Plug the pump into a GFCI-protected outlet only. Place the pump on the cover first then plug in the pump second. DO NOT stand on a wet surface while using the pump. Avoid contacting accumulated surface water on your cover when the pump is on the cover. Electric shock is possible. Your pump should *not* be used for any other application other than specified in these instructions. Your pump has been provided with a stabilizer plate so it remains upright. DO NOT allow the pump to tip over: the automatic on/off feature will not work which creates a drowning risk. Keep the pump clean and in a well-maintained condition at all times.

## ADJUSTMENTS AND MINOR REPAIR

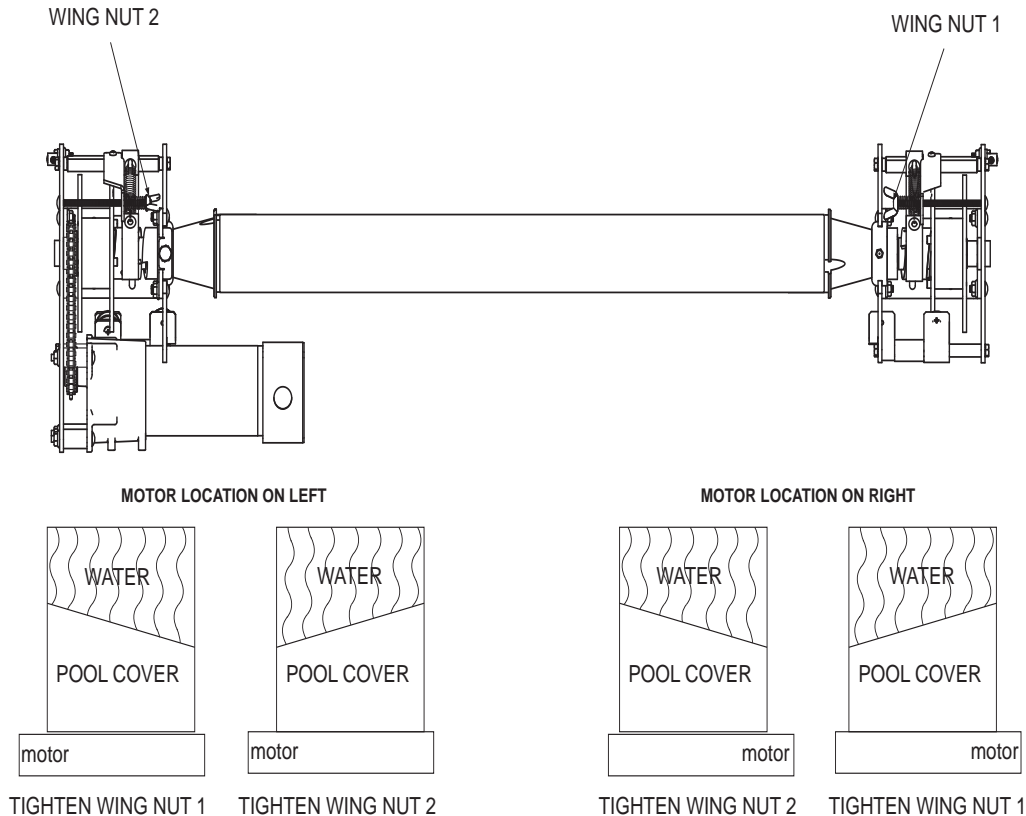
If your cover stops running during operation there is something creating resistance, such as water on the cover, dirt or contamination in the tracks, or something damaged on the system. Remove any excess water or debris and try reversing the direction. If the cover moves, then proceed with operating the cover. If the cover will not move further in the intended direction, call your service technician.

**WARNING: NEVER ATTEMPT ANY ADJUSTMENT TO ELECTRICAL COMPONENTS WITHOUT FIRST TURNING OFF THE CIRCUIT BREAKER PROVIDING POWER TO THE COVER.**

**SERVICE:** Some service, such as adjusting the cover alignment and patching holes, is simple enough that you might want to do it yourself. Other service is much more complex than it first appears, and we recommend that an owner leave repairs to their local authorized service technician. We advise you to call Cover-Pools at 800-447-2838 for advice before you undertake any serious service project on your own.

**WARNING!** Never adjust the cover or try to perform any other maintenance while the cover is running. Keep hands, clothing, etc., away from mechanism while operating.

**IF THE COVER RETRACTS UNEVENLY:** Once your cover is installed it is unlikely that it will require any adjustment. However, it is possible for extreme changes in the cover condition to cause the cover to run unevenly. Our exclusive brake adjustment is simple enough to adjust yourself, thus avoiding a service call. You should always determine which adjustment to make by observing the evenness of the cover as it is coming off the spa. Adjusting the cover is accomplished by tightening or loosening the wing nut on the brake mechanism (see illustration). Make sure the cover is stopped and the key or power is in the "off" position. Adjust the cover by tightening the wing nut on the side that consistently comes back first. Add only a little brake at a time to avoid applying too much tension. When possible, take the brake off the side coming back slowest by loosening the wing nut on that side. Please note that a little brake must be left on both sides at all times to prevent the rope from becoming tangled due to backlash.



**MOTOR:** The motor we provide is waterproof and capable of withstanding short-term submersion. However, you should not allow the motor to be submersed for periods longer than a few hours. Your system housing should have adequate means of drainage for below-deck or recessed installations. Make sure any drain provided remains clear. Your motor has an internal thermal overload switch. If the motor overheats to the point where the switch activates, it will reset automatically when cool.

**WATER LEVEL:** The ability of your cover to support any weight is completely dependent upon your maintaining the spa water at normal operating level. In many cases, the cover will not even support itself if run over a low or empty spa. **Severe damage to the cover may occur and a great hazard may develop if your water level is not maintained properly** (see winterizing instructions).

**TRACK CLEANING:** The track may collect dirt and debris over a period of time. A buildup of dirt and debris can affect the operation and adjustment of your cover. If the channels in your cover track are not cleaned when necessary, the edging on your cover and the protective anodized coating on your track can wear out prematurely. To clean the track, you should retract the cover, then squirt water under pressure into the track. The water will flush out debris if squirted the full length of the track at close range.

**MECHANISM CLEANING:** Over time, dried chemicals and dirt can build up on your mechanism. If these components are not rinsed off, the buildup can become so excessive that damage can occur. If you have a salt chlorination or mineral type sanitizing system, you will need to check your mechanism several times during the season. We recommend rinsing the components as soon as you see a noticeable residue. (See Salt In Spa Water section). The metal components of your spa cover should be rinsed off with fresh water only. The frequency will vary with the usage of the spa cover. When in doubt, it is better to rinse too frequently, than not frequently enough. When rinsing the mechanism, turn off all electricity to the cover. Make sure you have adequate drainage in your cover housing. The motor will withstand direct spray at low force. NOTE: Improper chemical balance can rapidly affect your system as well as the cover fabric. Check your water regularly to be sure it is balanced properly. Please review the rest of this manual for proper chemical balance recommendations.

**REPLACING A PULLEY:** At the end of each track is a pulley. A worn pulley can cause cover adjustment problems and eventually lead to a broken rope. Pulleys usually last about three years. If a pulley in the end of the track causes a noticeable clicking or grinding sound, it is worn. You should contact your local dealer for replacement as soon as possible.

## INSPECTION PROCEDURE FOR WEAR AND DETERIORATION

You should give the components of your automatic cover a thorough inspection at least two to three times a year.

**1 - VINYL COVER:** The vinyl cover material is constructed with a tough combination of vinyl and a polyester mesh. Over the years, depending on your cover's exposure to chemicals, heat and sun, the vinyl will become brittle and eventually begin to crack. When this occurs the polyester mesh will be exposed and begin to change the capability of your cover to hold weight. Inspection for this kind of deterioration should begin with an examination for leaks. If you have leaks, patch the hole immediately. Check the area around the hole to see if it has become brittle or stiffer than the rest of the cover. Any change in the feel of the vinyl where it begins to seem brittle or stiff can indicate a problem. If the normal square pattern you see in your cover from the polyester mesh changes so that the mesh pattern appears to be more pronounced than the other parts of the cover, it could be an indication of the vinyl becoming weak. In areas where your cover is pulled over your deck or coping it is possible to gradually wear the vinyl away from the reinforcing mesh. Once the mesh is exposed it can begin to deteriorate or break. Have the cover repaired immediately if you notice this problem.

Last, you should inspect the sewing where the vinyl is attached to the webbing (edging) along the side of your cover by your tracks. If any threads are broken or if the webbing has begun to tear or fray, the strength of your cover will be compromised.

**2 - TRACK:** Since your track is the main means of anchoring your cover to your spa, inspection of the fasteners used to hold your track to the spa sides is as important as inspecting the cover. Make sure that all screws are tight and replaced if missing. Some track is contained in a channel with shims. Be sure to replace missing shims. The channel or opening that your webbing slides in can wear over the years. If you feel there is marked difference in any of the items we have asked you to inspect, please contact your spa cover service technician immediately for a detailed inspection.

## WINTERIZING YOUR COVER

There is a limit to how much water, snow, and ice a spa cover can support. Each gallon of water on the cover weighs eight pounds and a few inches of rain can quickly result in a ton of water. Without the support of water underneath the cover, tracks may pull off, the cover may tear, or other damage could occur to the spa that may create a hazardous situation. **It is important to maintain the same water level all year.**

**Make at least monthly inspections of the water level under the spa cover.**

**FALL MAINTENANCE:** It is important to keep all water pumped off your cover as freezing weather approaches so you can go through the winter with as little weight as possible on the cover. Your pump can be left on the cover through freezing weather. Follow instructions as described in the section "WATER ON TOP OF THE COVER."

**WINTER MAINTENANCE:** Inspect the water level in the spa at least once a month and add water if necessary. (One method is to add water via the skimmer.) Please note that your water level may appear to be normal if there is ice or snow on the cover. The weight on top of the cover displaces an equal volume of water under the cover and the spa water may be much lower than it appears. Adding water will float the ice or snow on the cover upward, thus relieving stress on the cover. As the ice or snow melts the cover pump will turn on to remove it. Your cover will survive the winter if these procedures are followed.

**DRAINAGE:** Any drain in the housing should be kept free of debris to allow water to drain freely. The lid covering the housing should always be kept in place to avoid the hazard of someone stepping into the housing area and to prevent rain from directly entering the housing.

If it is not possible to keep your spa full during the winter, then the cover should be left off the spa and other safety precautions should be taken.

## FACTS ON FABRICS

Our customers are occasionally concerned about extra slack in the spa cover. There are several factors that we use in determining slack. The width of the spa, water level drop, and the geographical area can all affect the amount of slack we use. The reasons we have slack in our spa covers are as follows:

1. The spa cover has extra slack to handle rain and snow loads. Without it, the spa cover and, in some cases, the spa could sustain substantial damage from excessive weight.
2. The spa cover fabric will shrink, sometimes as much as one percent. This may seem negligible; however, this percentage can amount to as much as a few inches on a spa cover.
3. Indoor pools are commonly heated year-round. They may shrink more than an outdoor spa cover.

Over our many years of experience we have had several examples of well-maintained cover material that has lasted beyond our expectations. The key to longevity in all cases has been proper spa chemical balance as well as regular care and cleaning of the cover.

Care of the cover begins by removing any sharp objects before opening the cover and removing leaves, dirty water, etc. before they have a chance to leave a residue on the vinyl. When the cover does become soiled from dirt, organic matter, or undissolved solids from chemicals, the cover should be rinsed off with fresh water. Indoor covers may seldom appear dirty; however, harmful chemical deposits can build up on top of the fabric, and if not rinsed off regularly, can cause premature fabric failure.

For stubborn stains, try using a soft bristle brush and scrub the cover with fresh clean water. For oils like suntan lotion or leaf stains, or anything that cannot be removed by just scrubbing, try using a small amount of non-detergent cleanser. Never use detergents on the vinyl. One of the most available non-detergent cleaners is Ivory® bar soap (not dish-washing liquid). Use the bar soap on a wet cloth and scrub the soiled area. Next, rinse well with fresh water.

For algae stains, especially black algae which may be seen on the underneath side of the cover, you may use a mixture of water and Clorox®. Use one (1) part Clorox® to nine (9) parts water. Specifically use Clorox, not just the spa's chlorine. This solution may be wiped directly on the algae.

## CHEMICALS AND YOUR COVER

The primary thing to remember regarding chemicals and your new cover is that the chemical program may be different from that of a spa without a cover. With proper use, the cover will substantially diminish the loss of chemicals. Therefore, any previous chemical programs for pools without covers may need to be adjusted to maintain proper chemical balance in your covered spa.

You must avoid a build-up in the quantity of chemicals in the spa water that can result in serious damage to spa walls and equipment. Such a build-up may also create an improper water balance which may cause deterioration of the vinyl cover. A deterioration so caused is not covered by the warranty. After adding any chemicals to your spa, allow the chemicals to circulate before closing the cover. If you are unsure if it is safe to close the cover, test the water at the surface with your test kit. **\*IF IT IS SAFE TO SWIM IN, IT IS SAFE TO COVER!**

In our testing we have found that high alkalinity or high chlorine levels can begin to break down the cover prematurely. Some pH adjusters may create harmful levels of alkalinity (high pH) if not allowed to mix with the water before the cover is closed. The same is true with chlorine shocks. Some chlorine shocks require as long as 12-24 hours to return to swimmable range. Since safety is the major reason most people purchased their cover, we recommend the use of a non-chlorine shock. With this type of shock the cover may be closed in 30 minutes or less. Please check with your spa service company for proper usage.

Making sure your water is balanced should be on top of the checklist before covering the spa for extended periods of time, such as winterizing. Double check the water after the chemicals have had a chance to mix completely. This may require checking the spa water a day or two later. When covering the spa for long periods of time turn down ozone generators and chemical feeders to their lowest level. Constant long-term build up of ozone can damage the fabric.

Patch even the smallest holes as soon as they occur with the vinyl patch kit. If water penetrates the vinyl and comes in contact with the scrim (the thread reinforcing), the thread will soak up water and carry chemicals and contaminants to the inside of the material. This will lead to stiffening and or delamination of the vinyl. Patching should be done on both sides of the hole in the cover if possible.

Please make sure your spa service company or anyone in charge of spa maintenance is aware of this information.

**WARNING!** Never leave an open spa unattended. Notify anyone you allow to operate your cover of the same!

### PLEASE HAVE YOUR POOL OR SPA COMPANY FILL IN THE FOLLOWING

RECOMMENDED ALKALINITY \_\_\_\_\_

RECOMMENDED SANITIZER LEVEL \_\_\_\_\_

RECOMMENDED pH \_\_\_\_\_

SANITIZER TYPE \_\_\_\_\_

RECOMMENDED SALT LEVEL \_\_\_\_\_

SHOCK FREQUENCY \_\_\_\_\_

(Always leave cover open until water is back to swim range)

OTHER RECOMMENDATIONS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## **SALT IN SPA WATER AND GALVANIC CORROSION ON AUTOMATIC SAFETY COVER SYSTEMS**

Galvanic corrosion tends to occur when dissimilar conducting materials are connected electrically and exposed to an electrolyte (salt in water). "This can be a direct contact or secondary connection such as a common grounding path." <sup>1</sup> An example of dissimilar conducting materials is stainless-steel screws into aluminum. From 1962 to 1998, galvanic corrosion rarely occurred on aluminum components of automatic covers.

Since 1999 when Underwriters Laboratories (UL) dictated that all metal components of automatic spa covers must be bonded to the spa grid, we have seen an increase of galvanic corrosion on some components. In addition, the popularity of electric chlorinators where salt is added to the spa water has increased.

These two changes in the industry are the reason you may experience galvanic corrosion on some components. In the past it may have taken over 20 years for any noticeable corrosion. Today with bonded systems and excessive salt in the spa water, reaction can occur within two to three years.

The salt in the water acts as an electrolyte which is a non-metallic electric conductor. When removed from the spa, the cover will deposit salt water on the mechanism end casting and main tube. If there are any "stray currents picked up"<sup>2</sup> by the bonded spa grid, galvanic corrosion can occur starting where the stainless steel screws mount to the main tube and into the end casting. This corrosion will appear as a black pitting and/or a powdery white dust. The white dust is not salt: it is aluminum that has been oxidized. Salt deposits may collect on parts such as guides and in the rope weave.

What maintenance can be done to reduce galvanic corrosion?

1. Several manufacturers of salt generators have indicated that there will be limited reaction to metals if the salt level is maintained at levels below 3000-3200 ppm. They indicate that salt levels of 4500, 5500 ppm and above can be corrosive even without the generator operating. Test the level and replace spa water if the salt levels are too high. Lower ppm for salt reduces the risk of galvanic corrosion.
2. The mechanism should be washed down and brushed once a month if there is salt in the spa water. Spray down the rope reels and end castings with fresh water; with a soft brush to loosen salt particles; then hose down again.
3. On installations without a salt system, lubrication is suggested twice per season. With a salt system, lubrication and greasing should be performed every two months.

Salt in spa water and galvanic corrosion are not new to the industry. Salt generators were introduced over 25 years ago and those that were in the industry at that time recall some of the concerns and problems in conjunction with heaters, pumps, filters and even handrails. Salt generators, like many products, have positive and some negative factors; however, the most important issue is to maintain proper water chemistry and salt levels. Salt generators are convenient for spa owners, although many tend to neglect pH, alkalinity and salt levels. Regardless of the spa cover system, proper water chemistry is important to ensure the maximum life of the spa and spa equipment:

Chlorine levels: 1-5 ppm is a normal acceptable reading

Salt levels: per manufacturer's guidelines

pH levels: 7.2 – 7.8 ppm

Alkalinity levels: 80-120 ppm

There is extensive information regarding galvanic corrosion on the internet. One site, [www.corrosion-club.com](http://www.corrosion-club.com), provides information and links to other sites.

## POOL AND SPA SAFETY

Thank you very much for your purchase of a Save-T® cover. We make every effort to provide you with the safest product available and want to stress the following safety precautions.

Cover-Pools recommends “layers” of protection. Your cover is a reliable layer; however, you should not rely on any one layer to be fail proof.

A swimming pool or spa can provide your family with hours of entertainment and the opportunity for healthy recreation. As a pool or spa owner, be aware that you must ensure your child’s safety. There is a risk of a child drowning when around any body of water.

There is no substitute for constant adult supervision. Most drowning occurs during a five-minute-or-less lapse in supervision. By providing barriers between your child and the pool or spa, you can avoid a tragic accident should your child momentarily slip out of sight.

Don’t rely on one system—layering safety precautions provides the strongest safeguard.

Never leave a child alone—even for a second.

Maintain constant eye contact with your children when they are around the pool or spa.

Do not consider young children water-safe because they have had swimming lessons. Swimming instructions for children under three years of age are not recommended.

Instruct baby-sitters about potential hazards to young children in and around swimming pools and the need for constant supervision.

Train all caretakers in life-saving, cardiopulmonary resuscitation and first aid. No exceptions.

Install a telephone with emergency numbers posted close.

Keep toys away from the pool or spa when they are not in use. They can lure a child into the pool or spa.

Use inflatable toys only under adult supervision. They may deflate or your child may slip off.

Post and enforce rules such as No Running, No Pushing, No Dunking, and Never Swim Alone.

Make sure you have rescue devices accessible pool and spa side.

Keep all doors and windows leading from the house to the pool or spa area secure. Install self-closing mechanisms on doors.

Enclose the pool or spa with a barrier. In fact, fencing may be required in certain area. Check your local city or county building code for more information.

Install only child-proof, self-closing, self-latching gates around the pool or spa.

Vertical bars on a pool or spa fence should be no more than three-and-three-fourths inches apart. Avoid fences such as chain link that provide footholds for little climbers’ feet.

Place table and chairs well away from the pool or spa fence to prevent children from climbing into the area.

Alert your pool or spa maintenance people, utility personnel, and your neighbors to keep covers, gates, doors to the pool or spa closed and locked at all times.

Check to ensure that pool or spa covers pass minimum safety requirements set by the American Society of Testing Materials.

Never use a pool or spa with its cover partially in place since children may become trapped under it.

Beware of a free-floating pool or spa cover. A child can slip beneath one unnoticed.

Realize that a child can drown in as little as two inches of water. Drain standing water off of your pool or spa cover.

Investigate using a pool or spa alarm and/or a monitoring system that can be worn by a child.

Remove ladders and steps from above ground pools. No objects should be in the area for a child to climb on and into the water.

Inspect safety equipment regularly. Preventive devices are only effective if they are in working order.

Sources: Drowning Prevention Society; United States Consumer Product Safety Commission; National Spa and Pool Institute’s Operation Water Watch; and the American Academy of Pediatrics.

## FEDERAL AGENCY AND NATIONAL COMPLIANCE LISTINGS

Cover-Pools is committed to producing the safest and highest quality covers in the world. We are your partners in providing a reliable additional layer of safety for your pool or spa.

### UNDERWRITERS LABORATORIES INC. LISTING

The Cover-Pools Underwriters Laboratories listing number is 181T - File # E52841  
WDDJ Swimming Spa and Spa Cover Operators Electric

ASTM ( American Society for Testing and Materials)

Designation: F 1346-91 (PSC, MSC, OC)

Cover-Pools products Save-T cover, Step-Saver and Auto-Save Spa Covers have been manufactured and are in full compliance with ASTM F 1346-91 Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs.

FCC ID: P8G-50306 Save-T Cover Wireless 50305

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: This equipment has been tested and found to comply with the limits for a Class 1, Class 2, and Class 3 Radio equipment and systems under Title: ETS EN 300 683 : 97 and ETS EN 300 200-1 (RES) (EMC) (SRD) operating on frequencies between 9 kHz and 25 GHz. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, users and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on , the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

If you have any additional questions please contact Cover-Pools at 1-800-447-2838.