

S I M P L E S P A C A R E[®]



LEISURE TIME

Spa Care Guide

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Congratulations

on the purchase of your new spa or hot tub.

It's time to start relaxing. As a new spa owner, you now have the pleasure of escaping from day-to-day stress while soaking in hot bubbling water.

In order to enhance your spa experience, Leisure Time has prepared this Spa Care Guide to provide you with general information on how to care for your spa and spa water.

Once your spa has been filled and treated, you will be able to enjoy it with minimal maintenance using our quick and easy 10-minute-a-week Simple Spa Care® program.

Now relax and enjoy your spa with Simple Spa Care® from Leisure Time.



Visit LeisureTimeSpa.com for valuable information on the complete line of Leisure Time products, an online water test, a glossary of spa water care terms and a comprehensive troubleshooting guide.



GETTING STARTED

Before filling your spa, you need to know the chemical makeup of the source water, the water you're using to fill your spa. To do this, simply take a sample of the water to your local spa retailer to have it professionally tested, or test the water using Leisure Time **Spa & Hot Tub Test Strips**. If testing your spa water yourself, you can get instant answers online about what to do using the Water Analysis program at LeisureTimeSpa.com.

Find your nearest Leisure Time dealer at LeisureTimeSpa.com. Test results will identify what levels of metals and minerals exist in the water and determine if any adjustments are needed to properly adjust your source water once the spa is initially filled.

It's important to understand that a spa is not simply a small swimming pool. In a spa, the water is heated to between 98-104° F, a temperature which is much warmer than a swimming pool, and the water is more turbulent. The ratio of people to the amount of water is also much greater in a spa. It is because of these factors that spa water needs to be treated differently than pool water.

Leisure Time products are specifically formulated for spas and need to be used to avoid common hot water problems arising from residual soaps, deodorants, perfumes, natural body oils and other cosmetics.

FILLING YOUR SPA

Recommended Products:

Fast Gloss (included in kits)

Metal Gon (included in kits)

- 1 If you have an acrylic or fiberglass spa, it is best to protect the finish with **Fast Gloss** before adding any water. This will help reduce fading from UV rays or any reactions on the spa surface from chemicals.
- 2 Fill your spa half way up the skimmer. If you're using a garden hose to fill the spa, remember to run the water for several minutes to flush out any bacteria that might have accumulated in the residual water of the hose.
- 3 As you fill the spa, add one bottle of **Metal Gon**. This is a sequestering agent that will prevent minerals such as calcium, iron, copper and manganese from staining the spa surface or damaging the heater and plumbing.
NOTE: If you are using the Leisure Time Free™ Sanitizing System, add **Control** instead of **Metal Gon**.

Proper treatment when first filling your spa will not only prevent later problems and spa down time, but will reduce the time and expense required to fix problems.

BALANCING THE WATER

Recommended Products:

Spa & Hot Tub Test Strips

(included in kits)

Spa Up (included in kits)

Spa Down (included in kits)

Defender (included in kits)

Alkalinity Increaser*

pH Balance / pH Balance Plus*

Calcium Booster*

**Sold individually at your local Leisure Time Dealer.*

Before filling your spa or hot tub, you should have your source water either tested professionally or by using Leisure Time **Spa & Hot Tub Test Strips**. It's also important to test your water regularly using test strips. By keeping your spa water balanced, you will avoid many problems that can occur with spa water. The three most important factors in balancing spa water are pH, total alkalinity and calcium hardness.



pH

It is critical that the pH of your spa water stay within the range of 7.2 – 7.8. Any fluctuations above or below this range can cause spa water to be corrosive or scale forming. pH is easily adjusted by using **Spa Up** or **Spa Down**. For added convenience, use **Liquid Spa Up** or **Liquid Spa Down**.

Total Alkalinity

Total alkalinity acts as a buffer to prevent the pH level from changing as additional chemicals or other substances are added to the water. Any fluctuation above or below the recommended range of 80-120 ppm (parts per million) may cause the pH to be unstable which can lead to corrosion, cloudy water or scaling. When the total alkalinity needs adjusting, use **Spa Up**, **Spa Down** or **Alkalinity Increaser**.



Once both your pH and alkalinity levels are in their ideal ranges, Leisure Time recommends adding **pH Balance Plus** to the circulating water to lock the pH and alkalinity levels in place for the next three months. This product is available at your local retailer. Please note that when using **pH Balance Plus**, your total alkalinity reading may no longer be in the range of 80-120 ppm, but no adjustment is needed because it has special buffers that are doing the work for you.

Calcium Hardness

Spa water requires some calcium to be present. The recommended range for calcium is between 150-400 ppm. Calcium levels outside this range can cause scale buildup, foaming or corrosion of equipment and plumbing. To raise the calcium level, use **Calcium Booster**. The only way to lower the calcium level is to drain part of the water and replace it with softer water. Using a sequestering agent such as **Defender** will prevent calcium and scale formations by chemically bonding with the calcium to keep it in solution.

Once you've determined the readings for pH, total alkalinity and calcium hardness using Leisure Time **Spa & Hot Tub Test Strips**, you will need to adjust your water so that the levels fall within the normal ranges. Testing your spa water regularly will make you aware of any changes in water balance. If your spa water does not fall within the recommended ranges and remains unbalanced, problems such as cloudy water, scaling, equipment corrosion and skin irritation can occur.

Refer to the Troubleshooting Guide on page 20 if you are experiencing any of these or other problems. You can also visit LeisureTimeSpa.com to find answers to your questions or use the online water analysis.

RECOMMENDED RANGES FOR BALANCED WATER

pH	7.2-7.8
Total Alkalinity	80-120 ppm
Calcium Hardness	150-400 ppm
Metals	None
Total Dissolved Solids	Not more than 2000 ppm
Water Temperature	Not hotter than 104°F

ADDING A SANITIZER

Using an effective sanitizer to control and prevent bacteria growth is the most important start-up procedure in our program. Using a sanitizer properly controls and prevents bacteria in your spa, which keeps the water clean and fresh. No matter which sanitizing system you use, spa water must be maintained at a sufficient sanitizer level to keep the water safe and sanitary. The following pages outline the application directions for each of the sanitizers Leisure Time offers.

Recommended Products:

Brom Tabs *(included in kits)*

Sodium Bromide *(included in kits)*

Free™ *(included in kits)*

Reserve *(included in kits)*

Spa 56 Chlorinating Granules

(included in kits)

Spa Minerals*

**Sold individually at your local Leisure Time Dealer.*

CHLORINE SANITIZING

The most commonly recognized sanitizer is chlorine. However, the effectiveness of chlorine depends heavily on the pH level of the spa water. In order to get the most effective and economical benefit of chlorine, a pH range of 7.2 to 7.8 is recommended. The best form of chlorine for spa use is **Spa 56 Chlorinating Granules**, a fast-dissolving granular that is virtually neutral in pH and therefore doesn't upset water balance. A disadvantage of using chlorine is that when chlorine combines with bather waste and other contaminants in the water, not only does it lose its sanitizing ability, it can cause odors and irritate eyes and skin.



APPLICATION

- 1 To begin, add half an ounce of **Spa 56 Chlorinating Granules** for every 500 gallons of water while the water is circulating.
- 2 Wait 10 minutes and test the water with a test strip to ensure the spa's pH and alkalinity levels are within proper ranges. Your spa water should have a pH between 7.2 – 7.8, a total alkalinity between 80 – 120 ppm, a calcium hardness level between 150 – 400 and the sanitizer level should read between 3 – 5 ppm.
- 3 Once the water is balanced, the last step is to shock the spa water. During normal use, body oils, lotions and other organic contaminants can enter the water. When these build up, the water can become cloudy. To destroy these impurities, it is critical to shock your spa water. This can be accomplished by using **Renew®** granular or **Renew® Tabs**. Be sure to shock your water on a routine basis, preferably after each use and no less than once a week. Regular shocking will rid your spa of residual soaps, oils and other organic materials that can collect from normal use. To shock the water, keep the jets running and add **Renew®** according to the directions on the label.



Your spa is now ready to enjoy as often as you'd like. Just remember to shock your spa with **Renew®** or **Renew® Tabs** after every use to keep the water clean, clear and inviting.

BROMINE OR OZONE SANITIZING

Sanitizing with bromine has become increasingly popular. Whereas chlorine can sometimes cause offensive odors and skin irritation, bromine is less likely to do so. Additionally, unlike chlorine, when bromine combines with bather waste and other contaminants in the water, it remains a very effective sanitizer. Bromine is also far less pH-dependent than chlorine. Leisure Time **Brom Tabs** are applied through a floater that gradually releases the bromine and maintains a constant level of bromine in the water. When using **Brom Tabs**, you will also need to use **Sodium Bromide** when first filling your spa to ensure a fully bromine-based sanitizer system.



APPLICATION

- 1 To begin, add half an ounce of **Sodium Bromide** for every 100 gallons of water to establish an initial bromide reserve in the water. For your convenience, your spa care kit includes a floater already filled with **Brom Tabs**. Follow the directions on the floater for the correct application.
- 2 Next, test the water with a test strip to ensure the spa's pH and alkalinity levels are within proper ranges. The pH should be between 7.2 – 7.8, the alkalinity should read between 80 – 120 ppm, the calcium hardness should range from 150 – 400 ppm and the sanitizer level should read between 3 – 5 ppm.
- 3 Once the water is balanced, the last step is to shock your spa water using **Renew®** or **Renew® Tabs**. During normal spa use, body oils, lotions and other organic contaminants can enter the water. When these build up, the water can become cloudy and hazy. To destroy these impurities, it is critical to shock your spa water on a routine basis, preferably after each use and at least once a week. To do this, keep the pump running and add **Renew®** or **Renew® Tabs** according to the directions on the label.

Your spa is now ready to enjoy as often as you'd like. Just remember to shock your spa with **Renew®** or **Renew® Tabs** after every use to keep the water clean, clear and inviting.

REMEMBER

Always circulate spa water for at least 10 minutes after adding a sanitizer.

SPA MINERALS



There is an additional sanitizing option available from Leisure Time called **Spa Minerals**. These cylindrical cartridges are placed inside the filter and slowly release unique metallic ions into the water that help your sanitizer control contaminants. Used in conjunction with chlorine, bromine and ozone, its unique combination of minerals naturally treat bacteria for up to four months when used with a minimal sanitizer residual and will enhance the effectiveness of your sanitizer. If you have a kit that includes **Spa Minerals**, insert it after you've completed the start up procedures.



REMEMBER

Additional information on all Leisure Time products, including a comprehensive troubleshooting guide, a list of frequently asked questions and our interactive online water test, can be found at LeisureTimeSpa.com.

RESERVE & RENEW®

The **Reserve® & Renew®** sanitizing system eliminates the need for a float, a brominator or the handling of dry chlorine. **Reserve** is a bromide salt that remains neutral in the spa water until the shocking agent **Renew®** is added. The two products react with each other to form active bromine. With proper maintenance and the regular addition of **Renew®**, this system is virtually maintenance-free.

APPLICATION

1 Add 4 ounces of **Reserve** for every 250 gallons of water. Wait 10 minutes and then add 4 ounces of **Renew®** granular for every 250 gallons of water. **Renew®** will create a bromine residual and shock your water in one easy step.

2 Next, test the water again with Leisure Time's **Spa & Hot Tub Test Strips** to ensure the spa's pH and alkalinity levels are within proper ranges. Remember an ideal pH level is between 7.2 – 7.8. The ideal total alkalinity is between 80 – 120 ppm. The proper calcium level is between 150 – 400 ppm and the sanitizer reading should be between 3 – 5 ppm.



3 Once the water is balanced, the last step is to shock your spa water. During normal spa use, body oils, lotions and other organic contaminants can enter the water. When these build up, the water can become cloudy. To destroy these impurities, it is critical to shock your spa water. This can be accomplished by using **Renew®** or **Renew® Tabs**. Be sure to shock your water on a routine basis, preferably after each use. To shock the water, keep the pump running and add **Renew®** or **Renew® Tabs** according to the directions on the label.

Your spa is now ready to enjoy as often as you'd like. Just remember to shock your spa with **Renew®** or **Renew® Tabs** after every use to keep the water clean, clear and inviting.

FREE™ SYSTEM

Leisure Time designed the **Free™ System** for bathers who have sensitive skin or who otherwise choose not to use traditional sanitizing methods. This 100% chlorine- and bromine-free system is gentle on eyes, hair, skin and swimsuits. It's also virtually odor-free and controls bacteria longer than chlorine or bromine. And because it doesn't affect pH levels, the **Free™ System** requires less maintenance than traditional sanitizing systems, leaving you with more time to enjoy your spa.



APPLICATION

- 1 Once you've cleaned the surface of the spa, filled it with water and added **Control** to prevent staining and scaling, it's time to add **Boost**. Boost is an oxidizer specially designed to keep spa water sparkling clear. Add 3 ounces of **Boost** for every 150 gallons of spa water. Be sure that you have added the proper amount of **Control** before you add **Boost**.
- 2 Once **Boost** is added, circulate the water for at least 15 minutes on high speed. Next add the **Free™** sanitizer and circulate the water again for 15 minutes.
- 3 Finally, test the water with Leisure Time **4 Way Spa & Hot Tub Test Strips** to ensure you have achieved the proper water balance. Your pH should read between 7.2 – 7.8. The alkalinity should be in the range of 80 – 120 ppm and the calcium hardness should range between 150 – 400 ppm. Your sanitizer level should be between 30 – 50 ppm.

Your spa is now ready to enjoy as often as you'd like. Just remember to shock your spa with **Boost** after every use to keep the water clean, clear and inviting.



FREE™ SYSTEM DOSAGE CHARTS

Free™ Start-Up Dosage Chart

Spa Volume (gallons)	Control	Boost	Free™
100	1.0	2	2/3
150	1.5	3	1.00
200	2.0	4	1.25
250	2.5	5	1.50
300	3.0	6	1.75
350	3.5	7	2.00
400	4.0	8	2.50
450	4.5	9	2.75
500	5.0	10	3.00

All measurements are in liquid ounces. Rinse scoop or measuring cup thoroughly after each use.

Free™ Weekly Maintenance Dosage Chart

WEEKLY*				AS NEEDED	
Spa Volume (gallons)	Control	Boost (Normal Use)	Boost (High Use**)	Free™ (if level is 16-30 ppm)	Free™ (if level is 1-15 ppm)
100	0.50	1.0	2	1/3	2/3
150	0.75	1.5	3	0.50	1.00
200	1.00	2.0	4	0.75	1.25
250	1.25	2.5	5	1.00	1.50
300	1.50	3.0	6	1.00	1.75
350	1.75	3.5	7	1-1/3	2.00
400	2.00	4.0	8	1-1/3	2.50
450	2.25	4.5	9	1.50	2.75
500	2.50	5.0	10	1.50	3.00

All measurements are in liquid ounces. Rinse scoop or measuring cup thoroughly after each use.

*If using an ozonator, test Free™ level every four days and adjust as necessary.

**Use high dosage rate if spa is used three or more times per week.

SIMPLE SPA C

Like any luxury item, whether it is a car, a boat or even a second home, you must maintain it in order to enjoy it. Even though maintenance is important, you bought your spa to relax. That's why Leisure Time developed the quickest and easiest-to-follow weekly spa care program available. Best of all, these steps only take 10 minutes to complete!

For best results, follow these steps on the same day every week. Refer to each product's label for dosage amounts. To ensure the adequate distribution of chemicals, ensure that jets are on when adding product to the water.

DAY 1

On the first day of the three-day program, test your spa water. Use Leisure Time **Spa & Hot Tub Test Strips** to measure the pH and total alkalinity. If they fall outside the proper ranges, adjust the water with **Spa Up**, **Spa Down** and **Alkalinity Increaser** as needed.

This is also the time to add **Bright & Clear**. Specially designed for use in hot water, **Bright & Clear** will clear cloudy water and add sparkle.

DAY 2

On the second day of the program, add **Defender**. This is a sequestering agent that will suspend and inactivate stain and scale-causing minerals found in spa water. After a few minutes, add **Enzyme**. This natural enzyme cleaner reduces spa maintenance by breaking down oils, lotions and organic materials that cause odors, scum lines and cloudy water.

DAY 3

On the third day of the program, shock your water with **Renew®** or **Renew® Tabs** using 2 ounces for every 250 gallons of water. Remember that shocking your spa water as recommended is the best way to prevent organic and inorganic materials from causing unsightly problems.

If you are using the **Free™ System**, use **Boost** to shock the water according to the directions on the label.



ARE® PROGRAM

MONTHLY MAINTENANCE

Following the weekly spa maintenance program we've outlined will keep your spa water clean and ready to use at a moment's notice. However, there are a few things you can do on a monthly basis to keep your spa and its equipment at its best.

Keep your spa's surface shiny and inviting, clean the water line with **CitraBright**. This powerful formula removes oil, grime and scale deposits with the cleaning power of citrus.

Your spa's filter cartridge is one of its most important parts. In fact, a clean filter will remove virtually all particulate matter from the water. When there's only time for a quick cleaning, use **Instant Cartridge Clean**. This convenient spray-on solution will keep your filter performing at its best between deep cleanings.

DRAINING & REFILLING

To ensure water quality and keep the water easy to balance, Leisure Time recommends draining your spa water at least every three months or more often if the spa is used frequently.

Before you drain your spa, remove your filter and add **Jet Clean** according to the label directions. In just a few minutes, **Jet Clean** will clear your spa's plumbing of organics, dirt, oils and minerals that can build up and restrict water flow.

While you are draining and refilling your spa, it is a good time to give your filter a deep cleaning by soaking it overnight in a solution of water and **Filter Clean**. This is the best way to extend the life of your spa filter.

Before your spa is refilled with water, we recommend that you clean your spa's surface with **CitraBright** and then protect it with an application of **Fast Gloss**.

If you are using Leisure Time **Spa Minerals**, be sure to replace it with a fresh insert once you have drained, refilled and completed the spa start-up procedures.

Maintaining your spa equipment is the key to a long life for your spa. In addition to regular care, Leisure Time offers a wide variety of top quality products to handle all your spa care needs from filter cleaners to surface cleaners and everything in between. These products can be purchased at your local Leisure Time dealer.

Simple Spa Care®



S A F E T Y

A spa can be extremely relaxing and enjoyable, but it is also important that your spa experience be a safe one. Please review the following safety tips before using your spa.

- ~ Avoid alcohol consumption when using your spa.
- ~ Never heat your spa above 104 degrees Fahrenheit.
- ~ Always shower before entering your spa.
- ~ Always read label directions prior to using a product and use only as directed.
- ~ Never add chemicals to the water when people are in the spa.
- ~ Do not allow children to use the spa without proper supervision.
- ~ Keep all products out of the reach of children.
- ~ Store chemicals in a cool and dry location out of direct sunlight.
- ~ Always add products in to sufficient water. Never add water to products.
- ~ Be sure to maintain a proper sanitizer level at all times.

Leisure Time offers the highest quality products available paired with an incredibly easy spa care system. By following the program we've outlined, you will maximize your spa enjoyment with very little effort. Our goal is to ensure that maintaining your spa is as simple and enjoyable as using it.

Thank you for choosing Leisure Time spa care products.



SPA FRAGRANCES AND MOISTURIZERS

As a spa owner, you know the best part of owning a spa is simply relaxing in it. Leisure Time not only wants you to understand how to care for your spa and spa water, we want you to enjoy your spa to the fullest with fragrances and moisturizers.

EsScents® from Leisure Time offers 12 scents available in three fragrance categories to ease your mind and senses while your body is relaxing:

AROMA THERAPY

Aroma Therapy provides a special blend of scents specially designed to reduce stress and induce relaxation.



- Energy
- Refresh
- Relax
- Warmth

FLORAL

- Plumeria
- Valley Flower
- Garden of Eden
- Floral Bouquet



Floral scents fill the senses with carefully selected combinations of rose, lilac, gardenia, violet and other bouquets.

TROPICAL

Tropical scents provide an exotic experience in the spa with festive combinations of mango, pineapple, coconut and ocean breezes.



- Fruit Medley
- Mango Madness
- Piña Colada
- Tropical Cherry



To smooth and soften your skin while relaxing in the spa, use **Velvet Touch** moisturizer. This unique blend of aloe extract and other moisturizing ingredients can be poured directly into the spa water without leaving oil or residue or clogging filters.

SPA TIPS

- ~ Now that you know how to maintain your spa from start-up to refill, here are a few quick tips that will make spa care even easier:
- ~ If your spa is used more than three times per week, water testing and maintenance will need to be performed more frequently.
- ~ Remember whenever you add a chemical to the water, always allow it to circulate for at least one minute with jets on prior to adding another chemical.
- ~ Remember to circulate and filter the water for at least 8 hours every day. This will ensure the proper cleansing of your spa water.
- ~ Remember, additional information on all Leisure Time products can be found at LeisureTimeSpa.com.



CLARIFIERS

Bright & Clear	Neutralizes dirt, soap, oily films and allows filter to remove particles leaving clean, fresh water.
Enzyme	Breaks down oils, lotions and organics that can cause odors, scum lines and cloudy water.
Foam Down	Quickly eliminates unsightly foaming.
Spa Algacide	Kills and prevents all types of algae.

BALANCERS

Alkalinity Increaser	Granular formula that increases alkalinity levels.
Calcium Booster	Increases water hardness levels to help prevent foaming and equipment corrosion.
Liquid Spa Up	Increases pH levels. No mixing required prior to application.
Liquid Spa Down	Lowers pH levels. No mixing required prior to application.
pH Balance	Liquid formula that locks-in pH levels between 7.2 and 7.8.
pH Balance Plus	A granular formula that works well in hard water to lock-in pH levels between 7.2 and 7.8.
Spa Up	Granular formula that raises the pH and alkalinity of spa water.
Spa Down	Granular formula that lowers the pH and alkalinity of spa water.

SANITIZERS

Brom Tabs	Slow dissolving. Sanitizes and disinfects water. Fits in most feeders.
Reserve & Renew®	A two-part bromine sanitizing system that eliminates the need for a float or brominator or handling dry chlorine. Easy-to-use and hassle-free.
Reserve	Bromide salts used in conjunction with Renew to create a bromine sanitizing system.
Sodium Bromide	Use at start-up with Brom Tabs for a complete bromine-based spa.
Spa 56 Chlorinating Granules	Effectively sanitizes and disinfects hot water.
Spa Minerals	Use in your spa filter with any sanitizing system to create softer, cleaner spa water.

CHLORINE and BROMINE-FREE SANITIZING SYSTEM

Boost™	Non-chlorine liquid shock designed for use with the Free™ System .
Cleanse™	Concentrated cleaner designed to remove build-up above the waterline. Designed for use with the Free™ System .
Control™	Dual-action formula prevents unsightly water line film, stains and scale. Designed for use with the Free™ System .
Free™	100% chlorine- and bromine-free sanitizer is odor-free and controls bacteria longer than chlorine or bromine.

T G U I D E

STAIN & SCALE TREATMENT

Defender	Prevents and inhibits calcium stain and scale buildup for protection of spa surfaces and equipment.
Metal Gon	Prevents metal staining of spa surfaces. Use when filling spa.

SHOCK TREATMENTS

Renew Tabs	Chlorine-free tablets. Rids spa of odor causing organic contaminants. Easy-to-use. No measuring.
Renew	Chlorine-free. Eliminates odors and reduces irritating contaminants. Use as a two-part system with Reserve or as a shock with Spa 56 Chlorinating Granules or Brom Tabs .

SURFACE & EQUIPMENT MAINTENANCE

CitraBright	Natural formula that removes grease and grime from spa surfaces. Citrus scented.
Cover Care & Conditioner	Cleans, restores and protects spa covers from weathering, fading and discoloration.
Fast Gloss	Protects, waterproofs and seals spa finish with a reactive silicone to prevent fading and oxidation.
Filter Clean	Deep cleans dirt, oil, grease and soap film from cartridge and diatomaceous earth filters. Soak overnight for best results.
Instant Cartridge Clean	Removes oil, grease, calcium and scale from cartridge filter elements in just 5 minutes. Now with color spray indicator.
Jet Clean	Keeps spa and jetted tub plumbing clear of organics, oils, dirt and minerals.
Leak Seal	Seals minor leaks in spa surfaces and plumbing.
Spa & Hot Water Test Strips	Easy-to-read strips that test for pH, alkalinity, calcium-hardness, and bromine or chlorine.
Tub Rub	A specially designed cleaning pad for dirty spa surfaces including tile, vinyl, fiberglass and more. Reusable.

ESSENTS® FRAGRANCES & MOISTURIZERS

Aroma Therapy	Available in four scents: Energy, Refresh, Relax and Warmth.
Floral	Available in four scents: Plumeria, Valley Flower, Garden of Eden and Floral Bouquet.
Tropical	Available in four scents: Fruit Medley, Mango Madness, Piña Colada and Tropical Cherry.
Velvet Touch	Softens skin while in spa or bath. Leaves no oil or residue.

PROBLEM SOLVER

Most water conditions can be resolved by the recommended solutions below. Extreme conditions may warrant draining and refilling the spa. Stains or calcium deposits may require attention prior to refilling. It is recommended that the water be changed every three months or as needed to maintain water quality.

Problem	Cause	Solution
Cloudy Water	Excessive organic contaminants or lack of sanitizer	Shock with Renew® or Renew® Tabs . If using the Free™ System , shock with Boost . Check and adjust sanitizer level.
	Buildup of unfilterable material	Use Bright & Clear .
	pH or total alkalinity out of balance	Test water and adjust pH and total alkalinity as necessary using Spa Up , Spa Down or Alkalinity Increaser .
	Dirty filter	Use Instant Cartridge Clean on a monthly basis, or deep clean with Filter Clean .
Chalky, white scale deposits (Calcium buildup)	Calcium too high	Use Defender on a weekly basis.
	High mineral content in water	Use Defender on a weekly basis.
Cloudy green water	Water out of balance	Check water balance and adjust as necessary.
	Low sanitizer level	Shock with Renew® or Renew® Tabs . If using the Free™ System , shock with Boost . Check and adjust sanitizer level.
Clear green water	Dissolved copper or iron in spa water	Add Metal Gon to sequester minerals in the water. Check pH level.
Brown water	High iron or manganese content	Add Metal Gon to sequester minerals in the water. If using the Free™ System , use Control . Check pH level.
	Excessive organic contaminants	Shock with Renew or Renew Tabs . Check and adjust sanitizer level.
Odor	Chloramines or excessive organic contaminants	Shock with Renew® or Renew® Tabs . If using the Free™ System , shock with Boost . Check and adjust sanitizer level.
Eye/skin irritation	pH or total alkalinity out of balance	Test and adjust pH and total alkalinity as necessary.
	Oils, lotions and detergents from bathers have caused buildup	Use Enzyme on a weekly basis.
Scum deposit on waterline	Buildup of body oils, cosmetics and detergents from bathers	Add Foam Down . Shock with Renew® or Renew® Tabs . If using the Free™ System , shock with Boost . Check and adjust sanitizer level.
Excessive foaming	Calcium Hardness is too low	Add Calcium Booster to obtain 150–400 ppm calcium level in the water.
	Large amount of Total Dissolved Solids	Change water.



LEISURE
TIME

LEISURE TIME

Simple Spa Care®

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Alpharetta, GA 30004

LeisureTimeSpa.com