

**AQUAVITASPAS**

# EZCarePlus Spa Manual

First Edition

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## On-Site Service

You work hard so you can enjoy your free time in Steamboat Springs.

That's why Aqua Vita offers seamless, behind-the-scenes servicing of your home spa - meaning more bubble time for you and your loved ones, and less time worrying or tinkering!

Aqua Vita's added value comes from a combination of in-store and on-site Spa Service Packages.

### Exclusive Spa Service Packages

Aqua Vita offers this exclusive line of Spa Service Packages:

- Aqua Vita FilterCare™ - unique process using proprietary equipment that makes soiled filters look and perform like new.
- Aqua Vita EZCarePlus - a complete spa care manual takes the guesswork out of spa maintenance. More than 45 pages crammed with details to answer all your questions as a spa owner!
- Aqua Vita AnalyzePlus™ - Our in-store water analysis lab, delivers effective solutions to every water chemistry concern.
- Aqua Vita SpaCare™ Services - our professional Spa Experts, with fully equipped vehicles, do it all: water maintenance programs, water changes, start-ups/shut-downs, cleaning and conditioning services, and much more.

### These on-site services include:

**Water Maintenance** – daily, weekly, monthly

You enjoy your spa, and we'll take care of the water. Leaving town for awhile? Aqua Vita will take care of your spa while you are gone. We have a Water Maintenance Program to meet every need.

### Start-Up

Your hot water oasis is only a phone call away. Just let us know when you are coming and we'll make sure your spa is hot and ready-to-go when you get here.

### Seasonal Shut-Down/Winterization

If you do not intend to use your spa for an extended period of time, these services are a must. Why create problems when it is so easy to prevent them? Avoid costly repairs and the health hazard of water mold resulting from an improper shut-down or winterization – all you need to do is call Aqua Vita.

### Filter Cleaning

Drop your dirty filter into a plastic bag and hand this chore over to the 'Filter Cleaning Experts' at Aqua Vita. Your professionally deep-cleaned filter will work better and last longer.

### **Cover Cleaning and Conditioning**

A well cared for spa cover is a thing of beauty in its own right. Regular use of our Cover Cleaning Service will not only make your spa look better, it will last longer too.

### **Cabinet Cleaning and Protection**

Nothing impacts the beauty of your spa more than the condition of the spa cabinet. Order this service with our Cover Cleaning and Conditioning Service, and your spa will look good, all the time.

### **Jet Cleaning, Maintenance and Lubrication**

Can't adjust your adjustable jets? Spin jets won't spin? Then it's time to order this service.

### **Drain, Clean, Refill, Test and Balance**

Regular draining, cleaning and refilling are a normal part of spa maintenance. But, no time? No problem. This is our most popular on-site service. Leave it to the spa experts.

### **Mechanical Inspection and Report**

What's going on inside your spa cabinet? This 15-point visual inspection will check your spa's essential components. Well maintained equipment will last longer, perform better, and provide a more enjoyable spa experience.

## **Additional Services**

### **Other service features from Aqua Vita Spas include:**

- Parts for all makes and models of spas.
- Certified spa mechanics that can repair any make or model.
- Full financing by GE Retail Sale Finance (easy application, fast approvals).

## **Finally, Let's Not Forget Our Spa Lineup**

Coleman Spas - the line we exclusively offer to Steamboat Springs and the Yampa Valley - combines the legendary spa heritage of California Cooperage, the expertise in insulation and plastics of the Coleman Corporation, and the significant confidence that comes from being part of an overall corporation of more than 3,600 employees, 26 plants, and 13 distribution centers across North America. With Coleman Spas, you can rely on a reputation for quality, reliability, and design excellence. To visit the Coleman Spas website, please [click here](#).

The Aqua Vita Service Promise: We do it right. Every time. And we make it easy for you.

Question or comment? Want to know more?

Call Aqua Vita Spas at 970.879.4390

# SoftSoak

## Water Care Guide

BY AQUAVITASPAS

Spa water care is relatively easy, as long as you know what to do. By following this water care guide and by using **SpaGuard** products you can achieve and maintain **CLEAN, CLEAR** and **COMFORTABLE** spa water!



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## Start-up Guide

- Install new or clean filter.
- Balance the following factors according to the guidelines found in this Water Care Guide or the recommendations of the AnalyzePlus™ water analysis from Aqua Vita Spas. Balance these factors in the order shown below.
  - ➔ Total Alkalinity
  - ➔ pH
  - ➔ Calcium Hardness

**STOP!** DO NOT PROCEED UNTIL PH IS BETWEEN 7.2-7.6

- With jets on high speed and air controls off, add the following in the order shown below:

- ➔ Add \_\_\_\_\_ ounces of SoftSoak Waterline Control \*
- ➔ Add \_\_\_\_\_ ounces of SoftSoak Stain & Scale Control
- ➔ Add \_\_\_\_\_ ounces of SoftSoak Spa Shock

**➔ IMPORTANT! IMPORTANT! IMPORTANT! ⬅**

Before proceeding to the next step, be sure to circulate water continuously for 30 minutes after adding SoftSoak Spa Shock.

- ➔ Add \_\_\_\_\_ ounces of SoftSoak Sanitizer
  - Before proceeding to the next step, be sure to circulate water continuously for 30 minutes after adding SoftSoak Spa Shock.

Using SoftSoak Test Strips, test the sanitizer and pH levels. Record test results. If pH and sanitizer levels are within range, your spa is ready for use.

If pH adjustment is necessary, adjust the pH level according to the guidelines found in this Water Care Guide.

If sanitizer adjustment is necessary, add SoftSoak Sanitizer according to the following recommendations. If pH adjustment was necessary in the proceeding step wait 30 minutes before adding SoftSoak Sanitizer.

- If Sanitizer is 0-15ppm      Add \_\_\_\_\_ ounces of SoftSoak Sanitizer.
- If Sanitizer is 15-30ppm      Add \_\_\_\_\_ ounces of SoftSoak Sanitizer.

\* Clouding may occur when SoftSoak WaterLine Control is added to water below 90°F. Clarity will be restored when water is circulated and heated to above 90°F.

Always Add Chemicals With Jets On High

## Water Balance

### Total Alkalinity

Maintaining the proper level of total alkalinity in spa water is very important. If the total alkalinity is low, the pH can change rapidly and maintaining the proper pH level will be difficult. In addition, spa water with low total alkalinity can be uncomfortable, and corrosive to the spa's mechanical equipment. If the total alkalinity is too high, it will be very difficult to adjust the pH and scale will form on the walls of the spa and in the equipment. The total alkalinity should be adjusted to the proper level BEFORE adjusting the pH.

#### ⌘ **Maintain Total Alkalinity Between 125-150 ppm.**

Using a [SpaGuard SoftSoak Test Strip](#), determine the amount of total alkalinity in your spa water.

If the total alkalinity is below 125 ppm, refer to the chart on the SpaGuard [Total Alkalinity Increaser](#) product label to determine the amount of SpaGuard [Total Alkalinity Increaser](#) needed to raise the total alkalinity to 150 ppm.

If the total alkalinity is significantly above 150 ppm, a water analysis may be needed to determine the proper corrective action.

### pH

Properly balanced pH is essential to bather comfort, water clarity, sanitizer efficiency, the condition of spa surfaces, and the service life of equipment.

#### ⌘ **Maintain pH Between 7.2-7.6**

For best results, wait a minimum of one hour after balancing the total alkalinity to test and balance the pH.

Using a **new** [SpaGuard SoftSoak Test Strip](#), determine the current pH level of your spa water.

If pH is below 7.4, refer to the chart on the SpaGuard [pH Increaser](#) product label to determine the amount of SpaGuard [pH Increaser](#) needed to raise the pH to 7.2-7.6 range.

A pH level above 7.6 may result in chemical deposits on spa equipment and surfaces, cloudy water, heavy waterline deposits, and the need to clean the filter more often.

To lower the pH, refer to the chart on the SpaGuard [pH Decreaser](#) product label to determine the amount of SpaGuard [pH Decreaser](#) needed to lower the pH to 7.4-7.6 range.

**➡ ALWAYS ADJUST TOTAL ALKALINITY BEFORE ADJUSTING THE PH ⬅**

## Calcium Hardness

Calcium hardness below 100 ppm can cause spa water to be corrosive. Corrosive water will damage spa surfaces and equipment. On the other hand, if the calcium hardness is too high, it will have a tendency to form scale on the spa plumbing, equipment, and interior surfaces.

### ⌘ **Maintain Calcium Hardness Between 100-200 ppm**

Using a new test strip or the test results obtained while testing the pH, determine the current calcium hardness level in your spa water.

If the calcium hardness level is below 100 ppm, refer to the chart on the SpaGuard **Calcium Hardness Increaser** product label to determine the amount of SpaGuard **Calcium Hardness Increaser** needed to raise the calcium hardness level to 150 ppm.

## **Sanitation**

Spa users and windblown dust and dirt introduce micro-organisms into the spa water. Micro-organisms are living creatures too small to be seen by the naked eye, some are harmless to humans but some are disease and infection causing. Protecting the health of spa users requires killing or inactivating these micro-organisms. To do this, the proper use of a sanitizer is needed.

### SoftSoak Sanitizer

SoftSoak Sanitizer kills and inactivates micro-organisms while maintaining clear comfortable water.

### ⌘ **Maintain SoftSoak Sanitizer Between 30-50 ppm**

Test sanitizer level weekly with SoftSoak Test Strips. Add **SoftSoak Sanitizer** as recommended in the Quick Reference Guide found in this section.

- Avoid Creating Problems- **DO NOT ADD** SoftSoak Sanitizer to spa water until 30 minutes after the addition of any other chemicals.
- High levels of SoftSoak Sanitizer can cause spa water to foam.

### Ozone Sanitation

Some spas are equipped with an ozone generating device. This device produces a highly effective sanitizer that improves water quality, while reducing over-all chemical consumption. Ozone sanitation works in conjunction with SoftSoak Sanitizer. An ozone generator automatically adds ozone to spa water during normal equipment operation. To check for proper ozone operation, an annual inspection is required.

## Oxidization

Bather waste and other undesirable organic contaminants are introduced into the spa water through normal use. A build-up of these contaminants can irritate skin, cause odors, and reduce water clarity. An oxidizer (or Spa Shock) can remove these accumulations from the spa water and restore water clarity and bather comfort.

### SoftSoak Spa Shock

SoftSoak Spa Shock is a non-chlorine oxidizer that removes bather waste and other organic contaminants from spa water. To remove any accumulation of these, use SoftSoak Spa Shock as part of your weekly maintenance program.

#### ⌘ Add SoftSoak Spa Shock Weekly

Add **SoftSoak Spa Shock** as recommended in the Quick Reference Guide found in this section.

- Always add SoftSoak Spa Shock with jets on high speed.
- Add SoftSoak Spa Shock by broadcasting measured dose across water surface.
- Allow oxidation off-gases to escape into the atmosphere by leaving spa cover off for 15 minutes after adding SoftSoak Spa Shock to spa water.
- Avoid contact with skin.

## Weekly Maintenance Chemicals

### SoftSoak Stain and Scale Control

Due to the dynamic nature of spa water chemistry, the metals and minerals commonly found in spa water can become de-stabilized. Should the de-stabilization of minerals occur, they may begin to build-up as scale on spa surfaces, plumbing, equipment, and jet fittings\*. Should the de-stabilization of metals occur, they may begin to stain and discolor spa surfaces and jet fittings. Weekly additions of SoftSoak Stain & Scale Control will prevent metals and minerals from staining and scaling spa surfaces.

#### ⌘ Add SoftSoak Stain & Scale Control Weekly

Add **SoftSoak Stain & Scale Control** as recommended in the Quick Reference Guide found in this section.

\*Scale build-up on hydrotherapy jets is a common cause for their premature failure.



## SoftSoak WaterLine Control


Spas using SoftSoak Sanitizer may periodically experience a build-up of deposits at the waterline. These deposits occur when SoftSoak Sanitizer is forced out of solution by various factors related to water balance. Weekly additions of SoftSoak WaterLine Control are needed to prevent this. The ability of SoftSoak WaterLine Control to hold the SoftSoak Sanitizer in solution greatly depends on proper pH control. A pH level above 7.6 will breakdown SoftSoak WaterLine Control. When this happens, waterline deposits will form. In order for SoftSoak WaterLine Control to prevent waterline deposits from forming, test the pH regularly. Lower the pH as necessary with SpaGuard pH Decreaser.

### ⌘ Add SoftSoak WaterLine Control Weekly

Add [SoftSoak Waterline Control](#) as recommended in the [Quick Reference Guide](#) found in this section.

#### REMEMBER:

- Spa water pH levels constantly drift upward.
- Test pH level regularly and often. Adjust as necessary.
- Measure SoftSoak WaterLine Control accurately.
- Add SoftSoak WaterLine Control weekly. Do not overdose.
- The success of the SoftSoak system depends on proper pH control.



## Problem Solving For Dull, Cloudy, Hazy, Foamy or Foul Smelling Water

Improper filtration, an accumulation of bather waste, Total Dissolved Solids above 1500 ppm, and/or high pH are the most common causes of dull, cloudy, hazy, foamy, or foul smelling water. To bring your spa water back to a clean, clear, and safe to use condition check the following.

### STEP 1: Total Dissolved Solids (TDS)

The chemical saturation point of spa water is measured as Total Dissolved Solids (TDS). Your monthly AnalyzePlus™ water analysis from Aqua Vita Spas indicates the level of TDS in your spa water. Total Dissolved Solids of 1500 ppm or higher inhibit the ability of water maintenance chemicals to maintain clean, clear spa water. Properly maintained spa water can last up to 4 months before reaching 1500 ppm TDS. If your spa water has reached a level of 1500 ppm TDS, it is time for a Drain, Clean and Fill or a Water Change to be performed. Refer to the SpaCare™ section of this manual for step by step instructions for these procedures. After re-filling, follow the Start-Up instructions found in this section.

If the Total Dissolved Solids are below 1500 ppm proceed to the next step.

### STEP 2: Filtration

Achieving and maintaining spa water clarity is largely the result of proper filtration. If your spa water is dull, cloudy, or hazy check the following items that can affect filtration:

- ➔ Is the spa filled to the proper water level?
- ➔ Has the filter been chemically cleaned within the last 4-6 weeks?
- ➔ Is the filter cartridge older than 12 months? (The service life of a properly maintained filter cartridge is approximately 12 months.)
- ➔ Does the filter cycle duration match the typical bather load of your spa?
- ➔ Are the plumbing line valves fully opened?
- ➔ Is the skimmer free from obstructions?
- ➔ Are the bottom suction screens clean and free from obstructions?

If your filtration system appears to be working properly, proceed to the next step.

### STEP 3: High pH

Maintaining pH at the proper level (7.2-7.6) is critical to the SpaGuard SoftSoak Program. If your spa water is dull, cloudy, or hazy; it may be due to high pH. To restore the water to a clean, clear condition perform or re-perform all of the steps outlined in the Weekly Care portion of the Quick Reference Guide found in this section.

If pH is at the proper level, proceed to the next step.

### STEP 4: Bather Waste

Bather waste is introduced into the water during normal spa use and needs to be eliminated. If bather waste is allowed to accumulate, the water will become dull, cloudy, hazy, foamy, or foul smelling. To restore the water to a clean, clear condition perform or re-perform all of the steps outlined in the Weekly Care portion of the Quick Reference Guide found in this section.

## Important Notes

- Read product labels for detailed information on application and use.
- Always add chemicals with jets on high.
- Spa gallonage MUST be known in order to properly apply water maintenance products.
- Save time and chemicals by using an accurate measuring device. Measure accurately.
- DO NOT re-use AnalyzePlus™ water analysis. Spa water, well water, and city water compositions change regularly.
- Do not attempt to clean filter cartridges by using a dishwasher or dishwasher detergent. This is ineffective, and leaves behind unwanted residuals that interfere with normal spa water chemistry.
- Do not use high pressure spray (such as at a car wash) to clean (or attempt to clean) filter cartridges. Maximum garden hose pressure is sufficient.

## AnalyzePlus™ Water Lab Policy

Our AnalyzePlus™ Lab Service is offered as a way to help you maintain your spa water in a clean, clear, and safe condition.

As a spa or chemical customer of Aqua Vita Spas, you are welcome to bring a water sample in once a month for a complimentary AnalyzePlus™ test. This complimentary service is reserved for those that observe the following conditions.

- AnalyzePlus™ is for testing spa water only. NO EXCEPTIONS!
- You are maintaining your spa water chemistry with SpaGuard Spa Products purchased from Aqua Vita Spas.
- You do NOT add a significant amount of chlorine, bromine, or spa shock to your spa water within 12 hours of drawing a water sample to be tested.
- Sample water must be in liquid form when brought to the lab.
- If you desire to use our AnalyzePlus™ lab service more than once per month, or you purchased your spa elsewhere, a lab fee will be charged. Lab fees must be paid at the time of service. Lab services cannot be billed to an account.



## Test Strip Instructions

### **Step 1:**

Dip test strip into water for 1 second and remove. Hold test strip level for 15 seconds. Compare the calcium hardness pad (closest to thumb), to the color chart on the test strip bottle. Continue to compare pH pad at 20 seconds, and total alkalinity pad at 30 seconds.

### **Step 2:**

RE-DIP test strip. Rapidly move it back and forth under water for 30 seconds. Compare the sanitizer pad (far end) to the color chart on the test strip bottle.

- For accuracy, test strips must be used by the expiration date shown on bottle.
- Test strips are **NOT** reusable.

NOTE: An incorrect sanitizer reading may occur if the test strip is not moved back and forth under water for a full 30 seconds.

IMPORTANT: Keep cap on tight between uses. Store at room temperature.

## Glossary

### Bather Waste

Bather waste refers to organic compounds that enter spa water via the bather. A build-up of organic compounds will cause spa water to become dull, hazy, or cloudy. To illustrate how quickly organic compounds can build-up in spa water, consider that the average size person will introduce up to a pint of perspiration into the water for every 15 minutes of spa use. Perspiration is the main source of organic compounds that are introduced into spa water. Other sources of waste matter include expectorate, nasal discharge, fecal matter, body oil, deodorants, microscopic skin particles, make-up, and other body care products.

### Bromine

A chemical sanitizer that kills and inactivates micro-organisms, and eliminates bather waste.

### Calcium Hardness

A measure of the calcium salts dissolved in water.

### Chlorine

A chemical sanitizer that kills and inactivates micro-organisms, and eliminates bather waste.

### Chlorine, total

A mathematical expression of both the free available chlorine and combined chlorine.

### Chlorine, free

The chlorine residual present in spa water that is free (uncombined with bacteria or bather waste) and available to act as a sanitizer and has the strength to kill bacteria and oxidize bather waste. At levels of up to 10-20 ppm, free chlorine has no detectable taste or smell and causes no irritation. The acceptable free chlorine level for spas is 1-3 ppm.

### Chlorine, combined

The obnoxious compound formed when free chlorine combines with ammonia waste from bathers. Combined chlorine is the source of the characteristic "chlorine odor" and can cause eye and mucous membrane irritation. Such irritation can be noticed at levels as low as 0.2 ppm. Combined chlorine is ineffective as a sanitizer.

### Oxidation

The action of a sanitizer that "burns up" or converts organic compounds into dissolved solids and, in some cases, into gases, such as nitrogen.



## Ozone

A gaseous molecule composed of three atoms of oxygen (O<sub>3</sub>). For additional information, refer to Aqua Vita Spas [Ozone: Questions and Answers](#) guide.

## pH (potential Hydrogen)

A measurement that indicates the acidic or basic nature of spa water. Measured on a scale from 0 to 14, the ideal spa water pH is 7.4-7.6. A pH of 7.0 is neutral. A pH below 7.0 is acidic. A pH above 7.0 is basic.

## ppm

An abbreviation for, parts per million. A unit of measurement used in measuring chemical application.

## Shock Treatment

The addition of significant amounts of chlorine, bromine, or spa shock for the destruction of nitrogenous and other organic contaminants (bather wastes).

## Total Alkalinity

A measure of the water's ability to resist changes in pH. Total alkalinity " buffers" spa water from wide pH swings. Without the proper amount of total alkalinity, the pH can fluctuate dramatically simply by normal spa use and needed chemical additions.

## Total Dissolved Solids (TDS)

The accumulated total of all solids that are dissolved in the water. Total Dissolved Solids of 1500 ppm and higher can interfere with the sanitizer's ability to combat bacterial growth.

# Quick Reference Guide

## WEEKLY CARE

Using a SoftSoak Test Strip, test the pH, total alkalinity, calcium hardness, and sanitizer level of your spa water. Write down the results.

- ➔ Balance Total Alkalinity between 125-150 ppm
- ➔ Balance pH between 7.2-7.6
- ➔ Balance Calcium Hardness between 100-200 ppm
- With jets on high speed and air controls off, add the following in the order shown below:
  - ➔ Add \_\_\_\_\_ ounces of [SoftSoak Waterline Control](#).
  - ➔ Add \_\_\_\_\_ ounces of [SoftSoak Stain & Scale Control](#).
  - ➔ Add \_\_\_\_\_ ounces of [SoftSoak Spa Shock](#)- Weekly bather load: 0 to 3 times / week.
  - ➔ Add \_\_\_\_\_ ounces of [SoftSoak Spa Shock](#)- Weekly bather load: 3 to 7 times / week.

**➔ IMPORTANT! IMPORTANT! IMPORTANT! ⬅**

Before proceeding to next step, be sure to circulate water continuously for 30 minutes after adding SoftSoak Spa Shock.

- ➔ Balance Sanitizer between 30-50 ppm

If sanitizer adjustment is necessary, wait 30 minutes after any other product has been added before adding SoftSoak Sanitizer.

- If Sanitizer is 0-15 ppm Add \_\_\_\_\_ ounces of [SoftSoak Sanitizer](#).
- If Sanitizer is 15-30 ppm Add \_\_\_\_\_ ounces of [SoftSoak Sanitizer](#).
- Circulate water continuously for 30 minutes.

## Monthly

As a spa or chemical customer of Aqua Vita Spas, you are welcome to bring a water sample in once a month for a complimentary AnalyzePlus™ test. Should you need or desire more than one test per month, a \$5.00 lab charge will apply.

## Every 4-6 Weeks

Exact Frequency Will Depend on Spa Usage

### Clean Filter(s) and First Filter

- Use SpaGuard [SoftSoak Filter Cleaner and Degreaser](#) to remove body oils and minerals.
- Refer to Aqua Vita Spas [Filter Care](#) guide or product label for instructions.

## Every 3-4 Months

Exact Frequency Will Depend on Spa Usage

- Drain (clean) and fill spa according to the [Drain, Clean and Fill](#) or [Water Change](#) instructions found in the [SpaCare™](#) section of this manual.
- After refilling, refer to start-up instructions.

### Seasonally

- Protect spa cover vinyl from UV breakdown by applying **303 Protectant** three to four times per year. Avoid the use of silicone or alcohol based cleaning products. For detailed step by step instructions refer to the Cover Care guide found in the SpaCare™ section of this manual.

### Yearly

- Wood and synthetic cabinets should be maintained at least once a year. For detailed step by step instructions refer to the Cabinet Care guide found in the SpaCare™ section of this manual.
- Replace filter cartridge. A properly maintained filter cartridge can have up to a 12 month service life.

### As Needed

- If foaming should occur add 1-2 teaspoon(s) of **SpaGuard Anti-Foam** directly to spa with jets running. **SpaGuard Anti-Foam** will temporarily suppress the foam.
- Remove accumulations of body oil and minerals at the waterline with an oil absorbing cleaning mitt such as **Scum-Mitt** or **DuraMitt**.

### Dull, Cloudy, Hazy, Foamy or Foul Smelling Water

- Is your spa water 3 months old or older? If so, your spa is ready for a Drain, Clean and Fill or Water Change. If not, proceed to next step.
- Check Filter. For more detailed instructions refer to page 6 of the SoftSoak Water Care Guide.
- To restore the water to a clean, clear condition perform or **re-perform** all of the steps outlined in the Weekly Care portion of this Quick Reference Guide.

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### Measuring Guide

1 Teaspoon = 1/3 Tablespoon  
1 Tablespoon = 3 Teaspoons  
2 Tablespoons = 1/8 Cup  
4 Tablespoons = 1/4 Cup  
8 Tablespoons = 1/2 Cup  
16 Tablespoons = 1 Cup

1 Cup = 1/2 Pint  
2 Cups = 1 Pint  
2 Pints = 1 Quart  
4 Quarts = 1 Gallon  
1 Fluid Ounce = 2 Tablespoons  
16 Fluid Ounces = 1 Pint

**AQUAVITASPAS**

Spa Gallonage:

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## Cabinet Care

### For Synthetic Cabinets

Nothing impacts the beauty of your spa more than the condition of the spa cabinet. Maintaining its original beauty can be done quickly by following these easy steps.

- Regularly remove dirt and dust from the spa cabinet by rinsing with water at garden hose pressure.
- To remove stubborn dirt, grime, and mild discoloration follow these steps:
  1. Rinse loose dirt and dust from spa cabinet with water at garden hose pressure.
  2. With a clean cloth or sponge apply generous amounts of [SpaGuard Surface Cleaner](#) to a small area of one cabinet panel. Work from bottom to top. Allow [SpaGuard Surface Cleaner](#) to work on stubborn deposits for one minute, then re-scrub with cloth or sponge. Do not allow cleaner to dry on surface.
  3. Thoroughly flush cleaned area with clear water. Repeat cleaning procedure until all panels are clean and thoroughly rinsed.
  4. Dry cabinet panels with soft, clean cloth.
- For added protection and beauty apply [303 Protectant](#). Working one cabinet panel at a time, liberally apply 303 Protectant to a small area. Wipe with clean, absorbent cloth.

**IMPORTANT:** Be sure cabinet is completely dry before applying 303 Protectant.

**Never Use Abrasive Cleaners On Synthetic Spa Cabinets**



## Cover Care

Why keep your spa cover cleaned and conditioned? Dirty vinyl can dry out and become brittle. Not only does it look bad, but dry and brittle vinyl can tear at the seams and stress points.

Proper cover care is easy. Once a season, clean and condition your cover by following these simple steps:

- With cover on spa, rinse thoroughly with clean water.
- Using a clean terry towel apply generous amounts of [SpaGuard Surface Cleaner](#) to cover top and side skirt.
- Allow the [SpaGuard Surface Cleaner](#) to work on deposits for one minute, and then re-scrub with towel. A soft bristle brush may also be used.
- Thoroughly flush cleaner from cover, spa cabinet, and deck with generous amounts of clean water.
- Dry cover with clean, absorbent cloth.
- Condition and UV protect your spa cover with [303 Protectant](#). Working one small area at a time, spray an even layer of 303 Protectant onto cover top and side skirt. Using a clean, absorbent cloth work 303 Protectant into vinyl until dry and shiny.

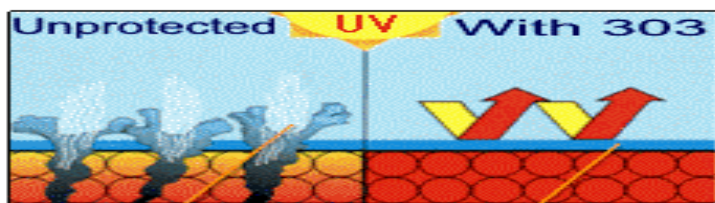
NOTE: To prevent hazing, spa cover must be completely dry before applying 303 Protectant.

### Spa Cover Tips

- Maintaining proper water chemistry will extend the life of your cover.
- Tree sap may be removed from cover vinyl by using lighter fluid (NOT charcoal lighter fluid but the type used in cigarette lighters). USE SPARINGLY! Immediately apply [303 Protectant](#) to the cleaned area.
- If water begins to puddle on your cover, unzip the vinyl encasement and turn over the foam core.

Certain vinyl cleaners should NEVER be used! These products contain oil that can cause immediate blistering of spa cover vinyl on hot sunny days. Also, prolonged use of these products will cause the vinyl to become brittle and begin to crack. Please contact Aqua Vita Spas for more specific information concerning these cleaners.

In addition, avoid vinyl treatment products that contain any type of oil, have an oily or greasy feeling, contain petroleum distillates, or leave a coating that dries like wax. If a product label says "flammable" or "contains petroleum distillates", do not use on vinyl.



Without 303 Protectant plasticizers  
escape, vinyl fades & cracks

Protected topcoat...  
vinyl remains supple.

## Cover Care - Mildew Removal

Avoiding the growth of mildew on or inside spa covers is difficult. You can reduce the possibility of mildew growth by maintaining proper water chemistry. What should you do if you find mildew on or inside your spa cover?

- Clean your cover according to the Cover Care instructions found in this manual. DO NOT apply [303 Protectant](#).
- Mix 1 Tablespoon of [SpaGuard Surface Cleaner](#) with 1 gallon water and 1 cup household bleach.
- Thoroughly scrub the UNDERSIDE of cover with a soft bristle brush and the cleaning solution.
- Rinse thoroughly with water.
- Remove foam cores from vinyl encasement. This procedure is best performed by a two person team.
- Thoroughly scrub the INSIDE of the encasement with a soft bristle brush and the cleaning solution.
- Using a terry cloth towel, wipe down both sides of each foam core with cleaning solution.
- Rinse the inside of the encasement and foam cores with generous amounts of water at garden hose pressure.
- Allow the encasement and foam cores to dry completely. WARNING! DO NOT put foam cores in the sun to dry- they can melt!
- Once the encasement and foam cores are thoroughly dry, spray them with a mildew inhibitor, such as Pine-Sol.
- Allow Pine-Sol to dry completely.
- Inspect the plastic covering the foam cores for damage. Small holes and rips must be repaired. Contact Aqua Vita Spas for repair procedures.
- If foam cores have become bowed, position the bowed side up before carefully inserting foam cores into encasement. Avoid damaging the plastic covering on the foam cores! Make sure zippers are fully closed and zipper flaps are properly positioned.
- Place cover onto spa and apply [303 Protectant](#) according to the Cover Care instructions found in this manual.

# Cover Care Tips For Winter

Spa covers require special care and handling when subjected to winter conditions. Following these simple guidelines will go a long way in extending the service life of your cover.

1. Do not use shovels or other sharp tools to remove accumulations of snow from spa cover.
2. Use a soft bristle broom to remove snow from spa cover. Avoid puncturing the vinyl at all cost!
3. Do not pry off ice that has frozen to the cover. Prying may remove the ice, but may also damage the cover.
4. ALWAYS REMOVE SNOW FROM COVER BEFORE OPENING. Failure to remove accumulations of snow from cover before opening will stress the cover hinge and foam cores and may also damage the cover removal system.
5. Spa cover vinyl is rated to -20° Cold Crack. Cold vinyl does not stretch, so handle the tie down straps and handles with care.
6. If cover clips become frozen shut, they can be freed by splashing cool tap water on them.
7. Be sure to clean and condition your spa cover before the first snow. For this process, please refer to the Cover Care instructions found in this section.

## Drain Clean and Fill

For Coleman Brand Spas

Draining, Cleaning, and Refilling your spa is a periodic maintenance procedure that includes changing the water and cleaning the spa interior. It should be performed on an "as needed" basis. When it is time to Drain, Clean, and Refill your spa, carefully follow the steps below.

1. Turn heater off by reducing the temperature set point to the lowest possible setting. Wait 3 minutes before proceeding to step 2.
2. Turn off all electrical power to the spa.
3. Locate the external drain valve at the base of the spa below the front right or front left corner post. Remove the outer black cap and connect a garden hose to the fitting. Turn the ring on the back of the valve counter-clock-wise until it stops, then pull out to open the valve. Water will begin to flow.
4. NOTE: Chemically treated water may damage plants. Therefore, avoid discharging spa water onto lawns, gardens, or shrubbery. Do not allow discharge water to erode soil areas. If need be, diffuse discharge water from hose-end to help prevent erosion.
5. Clean spa interior according to the Surface Care instructions found in this section.
6. NOTE: To drain 100% of the spa water and to remove all rinse water from the footwell, a small submersible pump should be used. If a submersible pump is not available, a wet/dry vacuum may be used.
7. Clean all bottom suction covers by removing and rinsing them with water at maximum garden hose pressure. Replace bottom suction covers.
8. After the spa interior has been cleaned, thoroughly rinsed, and wiped dry, disconnect the garden hose from the external drain valve. Then push valve in, turn ring on the back of the valve clockwise until it stops, and replace the cap.
9. Begin filling spa.
10. Install new or clean filter cartridge. Replace skimmer basket; make sure it is properly seated into position.
11. Place new or clean **Coleman First Filter™** on top of skimmer basket and press into place.

12. Fill spa to level indicated on skimmer door.
13. Turn spa power on.
14. Set heat to desired temperature.
15. BE ABSOLUTELY sure all pump(s) are circulating water. Verify water flow visually or by placing a hand in front of a jet. Verify flow, one pump at a time, for spas with multiple pumps. If water is not flowing from jets, an airlock has developed. To break an airlock, remove the skimmer basket and filter cartridge. Insert a garden hose into the center hole of the filter housing as far as possible without using force. Hold hose in place and turn on water. Turn on pump. This should break the airlock, and as a result, water flow from the jets should be obvious. Replace filter cartridge and skimmer basket.
16. Take a sample of the water used to refill the spa to Aqua Vita Spas for a complete AnalyzePlus™ water analysis.
17. Add the recommended SpaGuard products in the order and amount determined by the AnalyzePlus™ water analysis.

NOTE: If pump(s) are not circulating water, the plumbing and equipment may be subject to damage and/or freezing.

IMPORTANT: DO NOT leave a spa that has not been winterized, (Seasonal Shut-Down) empty overnight. Residual water in pipes and equipment can easily freeze and cause damage.

## Drain Pump

Put drain water where you want it, faster.







## Jet Care

Spin jets and adjustable jets provide variety to hydrotherapy and are a pleasure to use. To keep them operating properly, we recommend these periodic maintenance procedures.

- Once a month turn ON and OFF each adjustable jet in your spa. Do this several times to each jet in order to free debris or deposits that may have built up behind the jet.
- Periodically back-flush debris or deposits from the spin mechanism of each jet. To do this, turn jet pump(s) onto low speed. Working one jet at a time, briefly insert a finger into the jet nozzle and rotate it counter-clockwise. Do not completely obstruct the water flow from the jet nozzle. This procedure is easily performed while using your spa.
- Once a year, remove each jet from its wall fitting and clean the jet barrel with a clean cloth. Flush wall fitting interior with generous amounts of clear water at maximum garden hose pressure. Re-install jet into wall fitting.

**NOTE:** Some jet barrels require that trace amounts of Teflon® lubricant be applied to specific parts of the jet barrel. Contact Aqua Vita Spas for more information.

Aqua Vita Spas offers **Jet Cleaning and Lubrication** as one of their SpaCare™ Services. Please contact us for pricing.



## Seasonal Shut Down/ Winterization

If you do not intend to use your spa for an extended period of time, we suggest that you arrange to have our **Seasonal Shut-Down Service** performed on your spa. Due to the damage that may result from a shut-down attempt performed by others, Aqua Vita Spas does not provide instructions for this procedure. Please call for pricing.

Always Keep Cover On Spa When Drained Or Not In Use!

## Surface Care

To maintain the high gloss and elegant look of the acrylic surface of your spa, just follow these simple steps when it is time to change your water.

- Drain Spa
- Working one area at a time, apply generous amounts of **SpaGuard Surface Cleaner** to spa interior with a clean cloth.
- Allow **SpaGuard Surface Cleaner** to work on deposits for one minute then re-scrub with cloth. Do not allow SpaGuard Surface Cleaner to dry before rinsing.
- Thoroughly flush spa interior and jet fittings with clear water.
- Remove rinse water from footwell. Re-rinse entire spa and remove water from footwell.
- Dry spa interior with clean, absorbent cloth.

### Important Surface Care Reminders

**Never** Use Abrasive Cleaners!

Do not allow acrylic surface to come in contact with products such as acetone (nail polish remover), nail polish, dry-cleaning solvent, lacquer thinners, gasoline, pine oil, wintergreen oil, etc.

Remove dust and dry dirt with soft, damp cloth.

Clean grease, oil, paint, and ink stains with isopropyl (rubbing) alcohol. Dry with a clean, soft cloth.

Never use razor blades or other sharp instruments that might scratch the surface.

Always keep cover on spa when drained or not in use.

## Water Change

For Coleman Brand Spas

Regular draining and refilling is a normal part of spa maintenance. Over time the water dissolves and absorbs minerals, chemicals, and other soluble material. This can make the water look dull, become foamy, and develop an odor. How often you drain and refill your spa depends on how often you use it. Aqua Vita Spas can perform a test to help determine if it is time to replace your water. When it is time to replace your water, carefully follow the steps below.

1. Turn heater off by reducing the temperature set point to the lowest possible setting. Wait 3 minutes before proceeding to step 2.
2. Turn off all electrical power to the spa.
3. Locate the external drain valve at the base of the spa below the front right or front left corner post. Remove the outer black cap and connect a garden hose to the fitting. Turn the ring on the back of the valve counter-clock-wise until it stops, then pull out to open the valve. Water will begin to flow.
4. NOTE:Chemically treated water may damage plants. Therefore, avoid discharging spa water onto lawns, gardens, or shrubbery. Do not allow discharge water to erode soil areas. If need be, diffuse discharge water from hose end to help prevent erosion.
5. When flow stops, disconnect the garden hose from the external drain valve. Then push in the valve, turn ring on the back of the valve clockwise until it stops, and replace the cap.
6. NOTE:Some water will be left in the bottom of the spa. This small amount of water can be mixed with fresh water without consequence. If 100% draining is required, a small submersible pump should be used.
7. Begin filling spa.
8. Install new or clean filter cartridge. Replace skimmer basket; make sure it is properly seated into position.
9. Place new or clean [Coleman First Filter™](#) on top of skimmer basket and press into place.
10. Fill spa to level indicated on skimmer door.

11. Turn spa power on.
12. Set heat to desired temperature.
13. BE ABSOLUTELY sure all pump(s) are circulating water. Water flow can be verified visually or by placing a hand in front of a jet. Verify flow, one pump at a time, for spas with multiple pumps. If water is not flowing from jets, an airlock has developed. To break an airlock, remove the skimmer basket and filter cartridge. Insert a garden hose into the center hole of the filter housing as far as possible without using force. Hold hose in place and turn on water. Turn on pump. This should break the airlock, and as a result, water flow from the jets should be obvious. Replace filter cartridge and skimmer basket.
14. Take a sample of the water used to refill the spa to Aqua Vita Spas for a complete AnalyzePlus™ analysis.
15. Add the recommended [SpaGuard](#) products in the order and amount determined by the AnalyzePlus™ analysis.

NOTE: If pump(s) are not circulating water, the plumbing and equipment may be subject to damage and/or freezing.

IMPORTANT: DO NOT leave a spa that has not been winterized, (Seasonal Shut-Down) empty overnight. Residual water in pipes and equipment can easily freeze and cause damage.

## Drain Pump

Put drain water where you want it, faster.



# Spa Surrounds



Wrap your spa in functional beauty.

## Entry Steps

Step-up the safety of spa entry with our full line of redwood spa steps.



## Cover Lifters



Enjoy your spa more. Discover the easiest way to handle your cover with our full line of trouble-free cover lifters.

# Inspiration Spa Fragrances

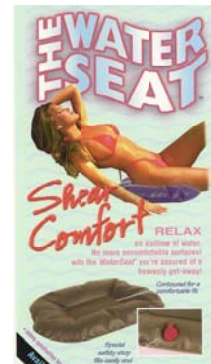


*Leaves Skin Soft and Moisturized*



## Wind Straps

Air traffic control for spa covers. Prevents spa covers from "taking off" in high winds.



Customize your spa to your body with an underwater booster seat or pillow.



## 303 PROTECTANT

Add easy, one step UV Protection to spa covers and synthetic cabinets.

**CLEANS, PROTECTS, BEAUTIFIES.**



## Rubber Ducks



A hot tubber's best friend



### Measuring Scoop

Save money by measuring chemicals accurately.



### ScumBug

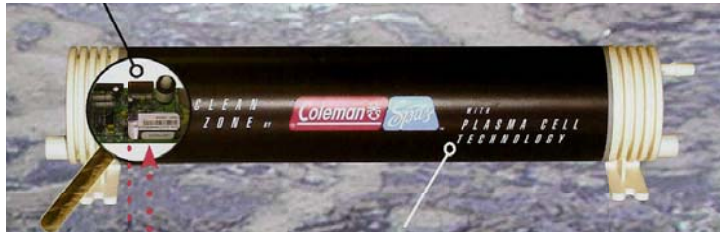
Helps eliminate the formation of a scum line. Absorbs body oils before they are deposited on spa walls.



### Cleaning Mitt

Catch waterline debris in the palm of your hand.

### CLEANZONE OZONE



Crystal clear , healthy spa water was never so easy.



### First Filter™

Removes silt and other fine particles. Adds sparkle to spa water.



**Replacement Filters**  
Annual replacement of filter helps keep water clean and clear.

### Spa Vacuums



The secret to removing underwater debris.



### Drain Pump

Put drain water where you want it, faster.