

Hot Tub Directions for Setting Up and Water Changes

Dear Hot Tub Enthusiast,

You want to enjoy your hot tub naturally without comprising your health and so do we...

Because this is an all natural chemical free product, you may need to make adjustments to the weekly dosage of Spa Drops or be patient while the water is going through it's molecular changes to get the results that you are looking for. If you needing assistance please give us a call, we're happy to help.

Purging and cleaning the spa with Spa Prep

The cleaner your spa is when you start, the easier it is for the enzymes to purify your water and keep it clean going forward.

1. Remove all spa filters during the purge time to prevent filters from clogging due to debris coming out of the pipes which could restrict the water flow.

If you spa is brand new, you will still need to purge, but you don't need to remove filters and you can drain the spa after just 1- 2 days.

If your manual says that removing the filters voids your warranty then just leave them in and keep an eye on them to prevent build up and water restriction flow.

2. Open and center all spa jets and air valves

3. Add Spa Prep to your existing water. If your spa is empty, fill it up with water right out of the hose. Do not use Hose Pre-Filter for this part because you are going to drain it soon.

Add entire bottle of Spa Prep to spa for first time users, large spas, old and dirty spas...

If spa is around 250 gallons or less use 1/2 bottle of Spa Prep.

It's okay to use the spa during this time if the water looks safe and inviting enough.

Spa may foam up, this is normal with some types of water.

Be sure spa is on a maintenance cycle of at least **4 hours a day** and run your jets at least 10 minutes per day during this purge time.

4. Leave the Spa Prep in the water for 2 to 7 days depending on how old and dirty your spa is. If spa is brand new, 1-2 days is enough.

If you want or need to use a cleaning agent, we recommend a mixture of white distilled vinegar and water, using a ratio of your choice.

After Spa is Purged

1. Drain all the water out of the spa and run a hose into where the filters go, run water until you see it coming out into the bottom of your spa to flush out the plumbing. Rinse and clean spa thoroughly.

2. Reinstall clean filters. (If filters are more than 2 years old replace them.) Clean your old filters with a mixture of 5 cups of white distilled vinegar to 5 gallons of water and soak overnight. Or, 1/4 cup of bleach to 5 gallons of water and soak for about 2 hours.

Installing Micron Sleeves

Simply tie the Micron Sleeve around your main filter. If you have more than one filter, the dirtiest filter is usually the main one. If the strings don't reach around the filter, add extra string to them. If the Micron Sleeve is too big, it's okay to cut it to fit. Only 1 Micron Sleeve is needed per spa though you can use more if you wish.

If the Micron Sleeve interferes with water flow or is too tight to allow water flow, do not use it.

Filling your spa with new water using the Hose Pre -Filter

1. Attach the Hose Pre Filter to any garden hose and let it flush out onto the ground for about 1 minute.
2. If you have hard water, fill the spa up with softened water from the house if available.
3. Place the Hose Pre Filter directly into where the filter screws into and begin to fill. This allows all the plumbing to become full of water minimizing air bubbles.
4. If the water looks dirty in the spa while filling it up, stop filling scoop out the dirty water and start again.
5. Our Hose Pre Filters are designed to go with our products and are good for 1 to 2 fills and topping off in-between water changes depending on the quality of water that is being filtered.

Adding Spa Drops to Spas 250 gallons or larger

1. Follow the directions on the bottle.
2. The first dosage is twice the amount than the following weekly dosages of Spa Drops.

Adding Spa Drops to Spas under 250 gallons, Soft Spas and Inflatable Spas

Start off using 1/2 dosage for both the initial dosage and the weekly dosage thereafter. Due to the reduced circulation of water flow and aeration, we suggest complimenting the enzymes by adding some 12% or 35% hydrogen peroxide either weekly or biweekly depending on usage to help keep the water clean. Adjust amount as needed to your particular situation.

Milky white cloudy water

If, during the first initial dosage of Spa Drops in the first week, the water becomes an obvious milky white cloudiness (as if someone poured a cup of milk into the water) add another full dose of Spa Drops right away. This white cloudiness is caused by the water going through molecular changes and is in need of an extra one time boost.

Weekly and Monthly Maintenance Schedule

Once a Week: Thoroughly rinse filters and Micron Sleeve and add Spa Drops as directed.

Once a Month: Clean filters and Micron Sleeves with either a solution of 5 cups of white distilled vinegar to 5 gallons of water, soak overnight then rinse thoroughly, or use 1/4 cup of bleach to 5 gallons of water and soak for 2 to 3 hours then rinse thoroughly before reinstalling into the spa.

Water Changes

Can be done every 6 to 12 months depending on your preference, not a necessity like chemical treatments.

Use Spa Prep with each water change going forward. Put in 1/2 bottle Spa Prep in 1-2 days before you are going to drain the spa. No other products are needed.

Under-dosing with the Spa Drops

If you detect a **sour, gym sock or dirty washcloth smell** when you lift the cover of your hot tub you have an under dose and you should immediately add another initial dose of Spa Drops and increase your weekly dosage by 1/3 to 1/2. Wait until this smell is gone before you enter the spa.

Another sign of a beginning under dose is the beginning of an **oily scum line forming** at the water's edge.

Over-dosing with the Spa Drops Using too many Spa Drops in your spa is the most common error. Everyone's water is different and spa usage can vary to a large degree. In some cases you need to adjust the dosage accordingly. The more frequent you use the spa, the more drops you may need. On the other hand, if

you are not using the spa for a week or so, you don't need to add any drops at all. It's best to start off with the recommended dosage on the bottle.

If you notice a **brown gooey substances beginning to develop along with a musty smell** that doesn't go away; this is a sign of overdose. Skip a week or two or until water balances and the brown build up no longer is there, then cut your weekly dosage down by 1/3 going forward.

Adjusting the pH (7.5-7.8 is normal with our products) Normally, you don't need to adjust the pH with our system very often. You can use any standard pH down to lower the pH and any pH up to raise it. If you pH is really high, we recommend using a standard pH down. You will need to experiment to determine how much you may need to use. We suggest adjusting your pH slowly as to not over correct. If you're not getting the water clarity and quality after the first month, check the pH and adjust accordingly.

Circulation and Filtering Adequate circulation and filtering in your spa is the most important thing you need in order to enjoy pristine spa water. The water in your spa needs to be moving and passing through your spa's filter for at least **4 hours a day**. This is a healthy, living body of water and must be oxygenated! We can't state it enough that adequate movement and filtering is paramount in order for the Clear Choice system (and indeed any spa maintenance system) to work properly. The circulation and aeration of the water allows the Clear Choice enzymes to adequately break down organic contaminants and ensures that the spa water is oxygenated, thus deterring the growth of pathogenic organisms. Adequate filtration ensures that organic matter is trapped and removed from the water.

Circulation Very important to have at least **4 hours of circulation a day** to help the enzymes complete the purification process.

Spa Filters If you have had your spa filters for over two years, it's time for a new ones. We have had people struggling to maintain clear water, astounded by the difference they see after they have invested in a new filters.

To thoroughly clean your filters

Use a regular garden hose attachment that has a jet spray. As you spray the filter, try and get into each pleat and remove built up hair and other material.

The Clear Choice system works best with regular white pleated filters. Filters with a very fine weave, like Microban or Sundance Micro Clean filters do not work well.

Do not use any special filter cleaning agents on the market for this process.

Patience These are completely natural organic products. Sometimes it may take a few weeks to a month for the water to go through the necessary molecular changes before you get the clear conditions you can expect from using our products.

Leaving home for Vacation: We advise turning down your spa's temperature to the minimum setting and reducing the spa's filtration time to two hours per day. Add one full week's dose of Spa Drops, and ensure that your spa's cover is securely locked down. Your spa will be ready to use upon your return no matter what length of time you are away.

Ozonators and UV Lighting

Clear Choice products are compatible with these additions to your spa though not necessary for our products to work correctly and effectively.

Compatibility with other Products

Clear Choice products are compatible with just about everything except Baqua Spa products. All other products should be added after the initial set up and the water has stabilized. Add any additional products slowly to see how they affect your particular water.

Light Musty Odor

This is normal for new customers during the first to fourth week as the natural spa water sets up. During that time odor (trapped Co2 gas) should only be noticeable when you first open your spa cover and release the steam. This could also be the beginning of an overdose of Spa Drops. If you suspect an over dose skip a week of Spa Drops and see if the musty smell diminishes. If it does, lower you're weekly Spa Drops by at least 1/3 going forward.

Green or Brownish Tint

This can be due to a number of factors. Phosphates in your source water will create a green tint which is harmless and should disappear with time. Metals like copper or nickel oxidizing in the water can turn slightly green. Iron oxidizing will result in a brownish tint.

Algae growing in your spa can also cause a greenish tint. This is mainly due your spa water being exposed to excess sunlight, which occurs if you are not covering the spa with a lid. If you suspect this is the case make sure that you cover the spa at all times when not in use and treat the water with a shock dose of chlorine to 5ppm. Refrain from using the spa until the chlorine level is 2ppm or less. The chlorine shock will not interfere with the Clear Choice system.

You can also bleach out your water with a chlorine shock to get the desired effects. Just follow the directions on whatever shock product you are using.

Cloudy Water

When first starting with Clear Choice, occasionally for a one to three week period, when water is softening and changing molecularly you could see some cloudiness. Try to be patient as the water goes through these changes.

Cloudy spa water can also be due to heavy use. With enough time your spa water will return to its original state, to speed things up a little, give your spa filter a good cleaning, and then run the spa pump for 5 -6 hours. If the water is really cloudy, you may need to hose out your filter a couple of times during this process.

If the water is still cloudy, you may need to treat it with some chlorine, 12-35% hydrogen peroxide or non-chlorine shock like MPS to more quickly break down organic matter. The shock dose will dissipate from your spa water fairly rapidly; so don't worry if you occasionally need to resort to a shock. Cloudy water beginning to appear past the first couple of weeks could be a sign of overdose. Skip a week or two of adding Spa Drops and if this fixes the problem reduce your weekly dosage of Spa Drops by 1/3.

Slippery sides to your Soft Tub or Spa

This is a temporary issue due to the enzymes breaking down the manufacture's coating on the vinyl or an overdose of Spa Drops (Not to worry, our enzymes will considerably extend the life of your vinyl!). The slipperiness will dissipate with time either from the enzymes breaking down this coating or the lowering of your dosage. If you notice a brown goeey build up or strong musty smell then it is an overdose issue.

Foamy Water

Foamy water is always caused by detergents being introduced into the water from bathing suits, etc... There is nothing in the Spa Drops that will cause foaming. Best to let it dissipate than add de-foaming products if you can.

Spa Prep can cause foaming during the purge which is normal

Rough Surface Deposits

Sometimes soft or hard deposits will form on the spa shell. This can be a result of some final chlorine or bromine salt deposits being flushed from your spa's plumbing or extra calcium in the water. Normally, these deposits will break down and disappear within two weeks. If deposits remain, reduce your pH levels to 7-7.2 and rinse your filters more frequently until the problem is resolved. Once the issue disappears, you can allow the pH to rise back up to 7.8 on it's own.

White or Brown Floating Flakes

Brown flakes in the water are a non-toxic buildup from the spa's plumbing that has been loosened by the enzymes in Clear Choice. Your spa's filter will eventually remove these flakes from the water. You should hose out your filter more often until the flakes are gone.

Another great way to get the flakes out of your water is to put a women's nylon bootie over the spa's intake grills located about ankle height in the spa foot well. (Noticeable suction when pumps are running) This will collect the flakes which can be removed by rinsing the nylon booties often.

White Flakes

This is mineral build up in the system. Try lowering your pH to 7-7.2 till they are gone then allow the pH to rise again on its own. You may also want to shock the water with chlorine, MPS or hydrogen peroxide.

Slippery Feel

Clear Choice contains positively charged ions and your spa surface has a negative charge. Occasionally a bond between these two charges will occur resulting in a slight film that may develop on the spa walls. Simply wipe the surface with your hand or a cloth to break this bond.

Adding other products to your spa

If you want to add mineral salts or other health supportive ingredients to you spa water, it's best to wait for 4 to 6 weeks for your spa water to balance out with the enzymes then proceed to add any new products to the water slowly gaging how the spa water reacts and then adjust accordingly. We prefer to use just a drop of your favorite essential oils per use rather than loading the spa water up with a large supply of any scented product.

Skipping Steps

If you're having issues and you skipped some of our outlined steps, please back up and start again using our tried and true process for a happy, clean hot tub experience.

My spa is already filled with fresh water, do I need to drain it again for the purge?

If you're adamant about not wasting water by doing the purge, we recommend that you proceed with the Spa Drops and see what happens. If you run into problems, you will need to backtrack by adding the bottle of Spa Prep to your existing water, then draining it after so many days that are needed and refill with the Hose Pre Filter before you begin adding Spa Drops. If you Spa is brand new, we highly recommend flushing it out for one or two days with the Spa Prep then draining and starting fresh due to unknown substances that may still be in the lines from manufacturing or storage of your spa.

Is Clear Choice Safe?

Most of our customers are looking for an alternative to the harsh chemicals of chlorine and bromine. Exposure to these chemicals can cause skin rashes, red eyes, dried-out skin, respiratory irritation, and other health problems due to their corrosive and toxic nature. Many of our customers are chemically sensitive or dealing with serious health issues that make soaking in a chemical hot tub disastrous for their health.

Clear Choice is not a sanitizer; it does not kill "all" organic matter indiscriminately like chlorine and bromine. Our products work as Mother Natures does. Our perfectly safe, natural enzymes break down the organic matter so rapidly that the food chain for bad bacteria is removed. Circulation and oxidation (through aeration) completes the process.

Our products are a "Water Purification System" not a sanitizer. Your skin will be softer, feel nourished and your immune system will not be compromised. Our most sensitive and health-challenged customers love our products and are happy to be able to enjoy their hot tubs, swim spas and pools again!

If you have concerns about not using a sanitizer, please complement our products with 12% – 35% hydrogen peroxide, MPS, or anything else you'd like except the Baqua Spa products. You will want to experiment with dosages for your particular situation, water type and usage.

Heavy bather load or difficult water conditions

Occasionally, some customers have heavy bather usage or difficult water conditions making it challenging for the enzymes to keep up in providing you with the water clarity you should expect. It is okay to compliment our products with small dosages of shock treatment. Whether it is chlorine or non chlorine products such as MPS or using 12%-35% strength Hydrogen Peroxide (which is our favorite choice). Start off by using 1/2 what is recommended on the bottle with whatever you are using then experiment with dosages. Allowing our enzymes to do most of the work, even when a little extra help is needed, is a positive and healthful alternative to returning to a total chemical approach.

12% through 35% Hydrogen Peroxide is a great shocking agent. Add as directed on the bottle.

If you use Peroxide along with our products, you may need to reduce that amount of your weekly Spa Drops since the Peroxide is now doing some of the work.

If there is ever a question regarding the healthiness of the water, please shock it with Hydrogen Peroxide and once the levels of the shock have dropped, continue on with the Spa Drops.

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