

***HydraZone Cleaning System*** ®  
Operating Guide

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# **HydraZone Cleaning System ®**

## **Operating Guide**

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### **Introduction**

Congratulations on your purchase of *HydraZone*! *HydraZone*, when combined with an ultra violet or ozone system is designed and engineered to be a stand alone chemical to take care of your entire spa chemical needs. Once you use *HydraZone* in your spa you will never want to go back to harmful chemicals such as chlorine. *HydraZone* is an industrial strength (35%) Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) based product. It is made out of natural products and contains no poison; it works by sterilizing the water thus preventing anything from growing.

*Non-Corrosive*  
*Non-Polluting*  
*Non-Foaming*  
*Odorless*  
*Tasteless*

*HydraZone* will extend the life of your spa equipment including, but not limited to, heaters, jets, seals, gaskets and hard covers.

To get the most from your *HydraZone* product please read this Operating Guide thoroughly.

### **Warranty**

*HydraZone* comes with a complete 30-day money back guarantee.

### **Safety Issues**

*HydraZone* is by far the safest and easiest chemical you can use in your spa. However, it is a strong oxidizing chemical and care must be used when using the product. If you spill *HydraZone* on you, in a few seconds your skin will start to sting and turn white where contact was made. The "treatment" is to quickly wash the area off with water. Your skin will continue to sting for a few minutes and will turn light yellow or white where there was contact. Within 30 to 60 minutes, skin color will return to normal.

Like all liquid chemicals, concentrated hydrogen peroxide can damage eyes. Unlike other chemicals that are not water based, flushing the eyes with water not only is the treatment, but water also dilutes hydrogen peroxide to a safe concentration level.

*HydraZone* will not burn or explode. If spilled on the ground where plants grow, spray it with water to reduce the concentration and it will benefit the plants and grass. Gardeners and farmers use hydrogen peroxide for house plants, gardens and commercial farming to oxygenate the soil and kill harmful micro-organisms.

The only safety issue of highly concentrated hydrogen peroxide is to avoid splashing it on yourself or in your eyes, and to store it away from children or incompetent adults. Carry it in your trunk if moving it. Keep the *HydraZone* container in a secure place. Keep away from open flames. Keep out of reach of

children. Never use *HydraZone* for any personal or medical reasons. Always read and follow all use and care directions, safety statements and warnings on the product label before attempting product use.

**All Chemicals should be kept dry and out of reach of children and pets.  
NEVER MIX CHEMICALS.  
Add chemicals to water... NOT water to chemicals.**

**Safety Comparison**

Once *HydraZone* is diluted in your spa, there are exactly ZERO safety issues. When diluted, all danger vanishes. *HydraZone* contains no poisons or toxins or any harmful substance. It is water and oxygen. Using *HydraZone* as the water treatment in your spa will not harm you. Once in the spa, it is 100% safe, completely non harmful and only beneficial to your health.

**Understanding Ozone and Ultraviolet Light**

*HydraZone* used in conjunction with Ultraviolet or Ozone provides the most powerful health conscious water disinfection available for your spa. Ozonators and Ultraviolet (UV) are very strong oxidizers, and instantly destroy any bacterial or organics it comes in contact with. Both systems are excellent devices for helping to maintain good spa water quality and purity, but they are not standalone sanitizer systems. Ozone or UV work in conjunction with the *HydraZone* sanitizer system to improve and purify the spa water by oxidizing organics. Organics are what normally cause odors, foam and cloudy water. By oxidizing these organics, foul water problems are eliminated; leaving crystal clean and beautiful water.

***Results – clean, odor free, bacteria free water – consistently!***

**Spa Usage and Costs**

The cost difference makes *HydraZone* highly attractive if all actual costs are figured. While *HydraZone* can cost more than other spa chemicals, if you add the numerous support chemicals, testing, and frequency of draining the spa to total comparison makes *HydraZone* less costly.

*HydraZone* will eliminate the bad smells that come from untreated spa water, but also have none of the chemical smell of spa treatment chemicals.

*HydraZone* will make you fall in love with your spa again and you'll never go back to chlorine, bromine or other spa chemicals.

*HydraZone helps you save water by reducing the need for frequent water changes and lowers costs by reducing the chemical, heating and maintenance*

## Getting Started with the *HydraZone* Cleaning System

**Drain Your Spa.** Completely drain all of the water out of your spa. After all of the water has been removed, flush the jets with your garden hose at half speed for two to three minutes per jet. After you have completed flushing out the jets, remove all the water and sanitize the spa by wiping with a clean cloth with water and a bleach solution. The bleach solution consists of ten parts water and one part bleach.

**Installing the Filter.** Clean Filters are imperative with this product. If your filter is dirty you will use more *HydraZone* than necessary. Clean your filters every three weeks to start, you may go longer, but do not exceed eight weeks between filter cleanings.

**Install a Clean Dry Filter.** We recommend a new filter, however you can clean your old filter with *HydraClean* filter cleaner and high pressure filter cleaning nozzle.

The spa filter catches the dirt and oils that make your spa water cloudy or smell. Since *HydraZone* is always cleaning and disinfecting your spa water, your filters will need to be cleaned more often.

The *HydraClean* Filter Cleaner is mandatory to use with the *HydraZone* product. ***This filter cleaner is the only cleaner that is guaranteed not to contaminate your water.*** Soak your filters in *HydraClean* Filter Cleaner every other time you clean them, the other times you can clean your filters with high pressure water and the filter nozzle. ***Take your time when cleaning your filters. The most common reason for cloudy water is a dirty filter, so it is very important to have clean filters in your spa.*** After the filters are thoroughly cleaned with *HydraClean* Filter Cleaner they are ready to install.

Fill your spa with water. After you have completely cleaned and disinfected your spa and installed a clean filter, fill your spa with water to its proper operating level.

**Adding *HydraZone* to Your Spa.** *HydraZone* is added to your spa twice a week. In order to determine the correct amount of *HydraZone* your spa requires, you will need to know the approximate capacity of the spa and use a ratio of 1 ounce of *HydraZone* to 100 gallons of water and round up to the next full ounce.

For example, a 350 gallon spa will use 4 ounces of *HydraZone* per day, or 14 ounces twice a week. Formula: 350 gallons x 1 ounce = 3.5. Rounded up = 4 ounces. 4 ounces per day x 7 days = 28 ounces per week, divided by twice a week equals 14 ounces. It is recommended that you add *HydraZone* every 3-4 days (i.e. Sundays and Wednesdays).

**Adding the Initial Dosage of *HydraZone*.** When using fresh water you will need to build up a reserve of *HydraZone*. To do this, simply add ½ more than your normal three-day supply. In the case above, you would add 21 ounces of *HydraZone* to the fresh water, to build that reserve. (Formula: 14 ounces + 1/2 of 14 = 7. 14 ounces + 7 ounces = 21 ounces).

NEVER use any other chemicals in your hot tub except *HydraZone* or the shocking solution. Always keep a constant water temperature if possible.

*Tip: If you have more people than normal in your spa add 1-2 ounces of *HydraZone* prior to soaking to compensate for the extra body oils in the spa.*

## Soaking and Cleaning your Filters

At least every 3 to 4 months, and with EVERY water change, your cartridge should first be pre-rinsed with the garden hose then soaked overnight or a minimum of four hours with your *HydraClean* solution according to packaged directions.

1. You will need a 10 gallon plastic container tall enough to have 1” to 2” of cleaner above the top of the filter. Plastic garbage cans work well. Keep one available to use only for your filter cleanings.
2. Fill garbage container with 5 gallons of hot water.
3. Add 8 ounces of *HydraClean*
4. Insert your dirty filters
5. Add 8 ounces of *HydraZone*
6. Soak overnight or a minimum of 4 hours
7. Rinse the filters using the filter nozzle included with the *HydraClean* with maximum water pressure.
8. Make 2 complete revolutions around the filter and turn the filter over and make two more complete revolutions ensuring that the deep part of the pleats on the filter is clean.
9. Allow filter to dry before inserting into spa.

## Rotate your Spa Filters



Use the filter rotation method-- while cleaning your dirty filter; swap it with a clean dry spare. With this system you'll never have to wait to use your spa, and your filters will last longer. Allowing filters to dry completely after cleaning will help destroy any resident microorganisms.

## Dealer Information

Please contact us with any questions.

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