WATER CARE

OZONE & SILVER ION SYSTEM

START UP:

-Fill your Hot Tub and turn the power on

-Balance your water starting with Alkalinity, then checking pH and lastly Calcium Hardness. Install your Silver Ion Cartridge. Add 1 oz per 200 gallons of chlorine to the water then run your clean cycle or jets for 10 minutes.

AFTER EACH USE:

-Add 1tbs per 200 gallons of chlorine to the water. Run your clean cycle or jets for 10 minutes.

WEEKLY:

-Test the Alkalinity, then pH and finally Calcium Hardness and adjust as needed. Run jet pump(s) with cover off, and add Non Chlorine Oxidizer at 2oz per 200 gallons of water. Let run for 30 minutes and then shut off pumps, close cover.

MONTHLY:

-Rinse your filters and rotate.

EVERY 4 MONTHS:

-Replace your silver ion cartridge.

EVERY 6 MONTHS:

-Drain and Refill your spa. Clean your filters with a filter cleaning solution, and rinse thoroughly. (We recommend doing this in the Spring & Fall)

OTHER TIPS:

We recommend that you purge your spa annually with a purging agent. If you have well water, fill with a Clean Screen filter every time. Change your paper filters every 1-2 years depending on use. Tri-X filters should last up to 2-4 years depending on use.

(SEE REVERSE SIDE OF SHEET)

OZONE CARE

***The ozone unit in your spa depending on the unit, will last anywhere from 1 to 5 years maximum. Ozone produces nitric acid which becomes corrosive over time and requires periodic maintenance to ensure proper functioning of the ozonator. There are two different types of ozone units that are sold/installed by Hot Water Production.

* CD Ozone

* Chip Ozone

CD ozone can last on average of 3-5 years. Chip style ozone lasts 9000 hours. If your spa has a 24 hour circulation this ozonator will last approx 1 year. The benefit to this type of unit is that you can replace the chip versus the whole unit. These are sold as a renewal kit which consists of a new chip, tubing and check valve. The aftermarket CD ozonators also have the ability to replace the component that produces ozone similar to the chip.

The ozonator consists of four components: The ozone generator, the tubing, check valve and injector. The generator is what produces ozone and is an electrical component. The tubing is how the ozone travels from the generator to the injector. The injector is how the ozone is injected into the spa water. The check valve is a safety device for the ozonator. Here is how it works:

Ozone is created by the generator. When the pump is running it creates a venturi affect or suction thru the injector. This draws the ozone thru the tubing, past the check valve and into the injector which puts ozone into the water. When the pump shuts off, you lose this venturi affect, which will cause water to back up thru the injector and into the tubing. It is the check valves job to prevent this water from getting past and into the generator which can cause damage to the ozonator. It is not uncommon for the check valve to fail which will either prevent ozone from passing thru it, or can also allow water to pass thru and get into the generator. With the deposits from the ozone that is produced this can cause build up in the injector as well as the check valve. You can take apart the barbed fitting that the tubing connects to on the injector and clean this out with a paper clip or small blunt object. There is no way to clean out the check valve or the plumbing so it is recommended that you replace the check valve once a year and that you replace the tubing every 2-3 years.

*** Hot Water Productions recommends that you inspect all aspects of the ozonator every 4-6 months or just prior to your drain and refill process to ensure that it is working properly. Most people will know when there ozonator quits working when they begin to notice water clarity issues. We have test kits which allow you to properly test the ozone unit to make sure that it is working properly. Please contact a representative to acquire information about these test kits.

HOT WATER PRODUCTIONS
Serving Western Colorado Since 1985

2511 S. Townsend Ave. - (970) 249-2566 – hotwaterproductions.com