

## SWITCHING TO MINERAL SPA

**If You Ever Used BaquaSpa™:** Soak your filter 1-2 days in Baqua filter cleaner or a solution of ½ oz. **Crystal Clean** per gallon of water. If your hot tub water still has **BaquaSpa™** in it; drain the spa and refill with clean water.

### All Spas:

**BEFORE DRAINING;** Rinse filter clean and put back in spa. Add 4 oz. or more **Crystal Clean** for every 100 gallons.

**Crystal Clean** may get hard in the jar - Remove lid and hold open jar in front of spa jet with pumps on - dissolves in seconds! It won't hurt you or your spa!

Raise water level above any scum or scale lines. Open all jets. Let **Crystal Clean** work for 2-3 days, but no more than 6 days.

Run jets and air on high frequently. If the water gets cloudy as **Crystal Clean** cleans your spa do not use the spa as you may have high levels of toxins in the water.

Drain the spa—While draining, run fresh water from hose into the filter inlet and hold hose end up against each jet to force clean water through all the plumbing.

If a white film remains clean with Lime Away®, CLR® or similar calcium remover, or refill and repeat **Crystal Clean**.

Note: If water gets cloudy, has fishy odor or orange grunge at water line in the following weeks add 1 Tbl Potassium shock per 100 gal every day and clean filter.

If that does not solve the problem add a jar of **Crystal Clean**, clean the filter again, and drain in two to three days.

### FILLING YOUR SPA

**DO NOT WAX THE INSIDE OF YOUR SPA!** - It causes cloudy water  
**CITY WATER:** Use a clean hose, fill spa and turn on pump.

**Sanitize** new water with 10ppm **Chlorine**, (3oz. Regular Bleach or 1/3 ounce spa Chlorine granules per 100 gallons of water). This destroys chloramines, algae and tannins.

**NOTE:** You may skip this step if using carbon filtered water. When you can't smell the chlorine anymore - usually after 2 to 3 days - add 3 oz. of **Mineral Spa** for every 100 gallons.

**SOFT WATER:** Fill spa, shock with only 3ppm Chlorine, (1 1/2 oz. bleach per 100 gallons water), wait a day, then pour in the proper amount. ENJOY!

**HARD WATER (>15gr):** Add Stain & Scale Control after Chlorine is gone. Use 1 oz. per 500 gallon water.

If **pH is above 9:** Lower with vinegar or pH Down on fill.

**WELL WATER:** Adjust pH to 6.8 to 7.2 before adding 15 ppm Chlorine. If water clouds increase Chlorine daily. When the water stays clear stop adding Chlorine. When you can not smell the Chlorine anymore turn on circulating pump and add the **Mineral Spa**.

**POUR IN 3OZ OF Mineral Spa FOR EVERY 100 GALLONS.**

The water may immediately turn color as **Mineral Spa** mixes with your water. The next day your spa may have a thin dusty film on all the surfaces; With filter pump running brush the film away and into the filter. Clean filter when finished, and daily until no more film remains.

**FILTER CARE:** Rinse the filter well with a high pressure nozzle on your garden hose as needed.

Recommendation: Rinse filter after 1 bather use per 2 sq. ft. of filter size. Most filters are 35 to 45 sq. ft. (Google the number on your filter to find out the size), so 2 to 3 weeks.

You can tell when the filter needs cleaning when the jets lose power, the heater doesn't come on, or your control screen indicates low flow.

Deep Clean: Soak the filter 4 hours in a solution of Crystal Clean or automatic dishwashing detergent or filter cleaner. **Wash your filter in your dishwasher with heat turned off!**

Stains: add 1 cup bleach per 5 gallons of water and soak for 4 hours or more.

**DO NOT USE** regular detergents; They cause extensive foaming for several days.

**COVER CARE:** Clean with Oil Soap (Murphy's). Soak for up to 20 minutes, and then scrub lightly with soft brush. Protect with a vinyl treatment with UV screen like **Formula 303**. On the underside use bleach solution or a bathroom cleaner like **Lysol**. For severe stains and odors flip cover over and wash with bleach solution, then let the sun shine on underside for a day or longer.

### DRAINING AND CLEANING YOUR SPA:

Before you drain add 4 ounces of automatic dishwashing detergent per 100 gallons of water .

Open all jets and run pumps on high.

Remove and rinse filter clean.

Run pumps on high 2-3 more times.

Drain after 4 hours or the next day.

## OZONE

WE HAVE ONE FOR YOUR SPA!

FOR SPARKLING CLEAR WATER

NO MORE SHOCKING!

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Most spas are ozone ready – just plug it in and go!



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## NORMAL MAINTENANCE

Run filter pumps for 6 hours or longer and air blowers for 1 minute or more daily. Run pumps on high for 20 minutes each day or, (minimum), during or after each use. The more you use your spa the longer you should filter the water. Do not drag dirt, grass or plant debris into spa.

**Mineral Spa** needs no other chemicals or care to keep your water healthy, safe and clean!

### Mineral Spa works with Natural Spa!

Start with new water; Add the Chlorine Bleach, wait a day or two then add 2 oz. **Natural Spa** per 100 gallons water.

Next day add 2 oz. **Mineral Spa** per 100 gallons water.

Then add one tablespoon Mineral Spa and 1 ounce Natural Spa after every 8 - 10 bather uses for the highest quality water, softer water and softer skin.

Use 1—2 tablespoons Chlorine-Free Shock if needed after heavy use.

## THINGS TO KNOW

After large groups using your spa run pumps on high for several cycles; add Potassium shock if necessary.

**Scum or foam:** Wipe away scum into water to be caught in the filter or dispose of it. Remove any foam and dispose.

**Do not use clarifiers or de-foamers:** Clarifiers cause foam. De-foamers cause cloudy water. These products leave residues inside the plumbing.

**pH:** Should be between 6.0 and 8.5. Municipal water is normally in this range.

**To lower pH:** White vinegar will temporarily lower pH, use pool acid for permanent results. Dilute 1 oz. pool acid into a bucket of water, then add. Check after 4 hours.

**pH facts:** A pH between 6 and 7 helps kill bacteria, gives the water a sparkle and leaves your skin squeaky clean. High pH is not harmful. Adjusting pH can cause cloudy water.

**To raise pH:** Add *pH UP* or baking soda, 1/2 ounce at a time. Allow at least 4 hours before testing and adding more.

**Alkalinity:** Should be between 40 and 280.

**To raise alkalinity:** Use baking soda; 1 ounce at a time.

**To lower alkalinity:** Use pool acid or *Easy Acid*.

*Note:* Wait at least 4 hours after adding any chemical before testing to see what effect it has had on the water.

**Stain & Scale Control:** Recommended if your local water is very hard or high in metal or minerals.

**Water Changes:** Change your water after 5 to 7 weeks of use for every 100 gallons of water:

200 gallon Spas: Drain after 2 - 3 months of use

320 gallon Spas: Drain every three to five months

## POTASSIUM SHOCK

THE CURE FOR ODORS, HUE AND HAZY WATER!  
USE ONLY IF NEEDED / AS NEEDED: ADD 1 tablespoon POTASSIUM SHOCK - up to 1 oz. per 100 gallons water - two minutes before use for fresher scent or after use - eliminates odors and clears water.

May lower alkalinity and pH - adjust with baking soda.

## SIMPLE PROBLEM SOLVING

**HAZY or CLOUDY WATER:** The water often gets hazy when the **Mineral Spa** first conditions your water, and after heavy use. The minerals bond to contaminants, causing them to clump together until big enough to be filtered out. Run the jets and clean the filter to clear the water. Or, add Potassium Shock (1 to 4 tablespoons) daily until clear.

## OZONE CURES HAZY WATER!

**GRAY/GREEN WATER:** When you quit using Chlorine or Bromine the water will no longer be bleached clear - it may develop a natural brown, gray or greenish tint.

**SLIPPERY FILM:** If you get a dusty film on the spa walls; brush the film off into the water and run the jets, then clean the filter as needed. This is a common occurrence after adding a treatment of **Mineral Spa**.

**BRIGHT GREEN WATER:** This indicates low alkalinity. Add baking soda to raise alkalinity; 1/2 oz. at a time.

**SLIGHT ODORS:** Slight odors may develop as contaminants break down and gas off. They should go away in 1 - 2 days. Ozone eliminates these odors! For quicker results add 1—4 tablespoons Potassium shock and run the pumps on high with all air jets open for 15 minutes after use.

**PINK MILDEW causes odors:** Check underside of cover and inside filter area for brown or pink mildew. Clean area with bleach, Lysol® Bathroom Cleaner or other mold killer.

**SEVERE ODORS, ALGAE, CLOUDY WATER: If Potassium Shock and running the jets do not solve the problem then it's time to start over:** Clean filter. Add 1 ounce spa chlorine or 10 oz. regular bleach for every 100 gallons of water. Run the pumps on high with all air jets open for 15 minutes. Run again a few times daily.

Double the amount of Chlorine every day until the spa and the water is clear, (even if still a little green).

Add Automatic Dishwashing Detergent, 3 oz. per 100 gallon water, then drain the spa after 4 hours, then refill.

Shock new water with 10 - 15ppm Chlorine. When you can no longer smell the Chlorine (2-3 days) add a new treatment of **Mineral Spa**.

**FOAM:** Do not use 'Foam Down' type products. Scummy foam means it's time for a new treatment of **Mineral Spa**.

A lot of foam usually means detergents got in your water. Scoop out the foam, and dispose of it.

**WHITE FLAKES, SANDY CRYSTALS,** Chalky build up around jets, or **WHITE FILM** coating surface of the spa:

Caused by Hard Water, High pH, and Chemical Residues

This can be avoided by treating new water with Stain & Scale Control and adding **Mineral Spa** on a regular schedule and according to instructions.

**A scale preventer will not cure the problem - Crystal Clean will do the job in no time!**

Turn on all circulating jets and add **Crystal Clean** to water; Use 4oz. or more for every 100 gallons.

When all the film or crystals have dissolved the jets should move easily in their sockets.

You should add **Clarity Stain & Scale Cure/Control** to new water to keep this problem from coming back. Use only 1 oz. per 500 gallons to prevent scale and stains.

**IRRITATION or RASH:** Check your pH and alkalinity - They may be too low and you may be sensitive to slightly acidic water. A pH of 6.8 - 7.4 should cause you no irritation.

If rash or irritation returns this means you either still have toxic Bromine residues in your spa, ( add Crystal Clean, drain and refill), or you have a Staph infection. See your Doctor; you may need antibiotics to cure the rash.

**BACTERIA OR ALGAE:** Drain and refill. Shock new water with 20 ppm chlorine, (1 oz. spa chlorine granules or 1 1/4 cups bleach per every 200 gallons of water). Wait until you can't smell the chlorine anymore, and then add a new treatment of **Mineral Spa**.

We Have the Best Whole House Filters and Fluoride Filters. Enjoy Clean, Chemical Free Water Throughout Your Home!

