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Checklist for **Chlorine** Water Care

For more detailed water care, refer to your **owner's manual**.

Start up: Drain and fill spa and **replace Mineral** stick every 4 months

- Add 16 ounces of Metal Protect
- Add 2-4 ounces of Chlorine after spa reaches 84 degrees
- After water has reached full temperature...Test for Chlorine, PH, Alkalinity, and Hardness. Adjust as necessary. Optimal PH 7.6, Alkalinity 100, Hardness 300

Regular Maintenance Checklist

- ✓ Test for PH, Alkalinity, and Hardness weekly. Adjust as necessary
- ✓ Add (min) 2 ounces of Chlorine weekly (bathing load will determine if more is necessary)
- ✓ Add (min) 2 ounces of Oxidizer weekly
- ✓ Spray/Clean filter(s) every 2 weeks
- ✓ Deep Clean Filter(s) with Filter Clean every 3-4 months (can be done more often if needed)
- ✓ Add 2 ounces of Scale Defense once a week
- ✓ Wipe off water line with Clean and Perfect

Additional Maintenance Tips

- With heavy usage add 1-2 tablespoons of Chlorine after each use
- Spa Perfect (enzymes) are available to reduce waterline ring and foam from lotions, oils, soaps, etc
- Use Spa Flush once a year before draining to clean internal plumbing.
- Treat your vinyl cover with Cover Treat or 303 every 3 months
- Use Aromas, foam gone, additional chlorine, etc. as desired or needed

Why PH and Alkalinity important

If the PH is low, it will cause skin and eye irritation and can damage the equipment. If PH is high, it can cause cloudy water and scale. Both high and low PH will cause poor sanitation. Correct Alkalinity helps keep your PH stable.

Trouble Shooting

If you properly maintain your spa you should avoid water problems, but if a problem arises in your water, try the following products to solve them.

Problem	Cause	Product/Solution
Cloudy Water	Organic Contaminants or Lack of sanitizer	Spa Shock Extra or Oxidizer
	Un-filterable buildup	Spa Brite 2 ounces
	Alkalinity or PH is off	Ph up and Ph down Alkalinity Up
	Dirty Filter	Deep clean with Filter Clean
White scale Deposits	Calcium too high	Add 2 oz Stain and Scale Weekly
	High Mineral Content	Use Stain and Scale Weekly
Cloudy Green Water	Water out of Balance	Test and Balance PH and Alkalinity
	Low Sanitizer Level	Add Spa Shock Xtra. Test and Adjust sanitizer level
Clear Green Water	Dissolved copper or iron	Add Metal Protect. Check PH level
Brown Water	High iron or manganese	Add Metal Protect. Check PH level
Odor	High level of organics Contaminants	Spa Shock Xtra or Oxidizer. Check and adjust sanitizer level
Eye/Skin Irritation	Total PH/Alkalinity is out of Balance	Test and adjust Alkalinity and PH
	Chloramines or excessive organic contaminants	Spa Shock Xtra or Oxidizer
Scum deposits on Waterline	Oils, lotions, detergents have caused buildup	Use Spa Perfect on a weekly basis
Foaming Water	Buildup of body oils, make up and detergents	Use Foam Down, Oxidizer and Spa Perfect
	Calcium Hardness is low High Amounts of Total Dissolved Solids	Test and adjust with Hardness UP Change Water and Clean Filter