



This Guide is Intended for Spas Using Bromine Tablets

~ Based on spa volume of 400 to 500 gallons ~

Start Up Procedure

1. Fill the spa with hard water
2. Once the water level is high enough, turn on breaker to power up the spa
3. Add 2 oz of unique
4. After the spa has reached 80 -100°, test and adjust the PH, Total Alkalinity (TA) and Calcium Hardness (CH)
5. Add 2 oz of bromine concentrate (to establish a bromine base)
6. Add 1 oz of oxidizer shock (a non-chlorine shock, also called MPS)
7. Add bromine tablets to a floating dispenser, adjust dispensing rate (try #2 first) and place in spa.

Weekly Maintenance

Once per week

- Test and adjust PH, TA & sanitizer (sanitizer is bromine level)
- Add 1-2 oz of oxidizer shock (a non-chlorine shock)
- Add 2 oz of Unique
- Check floating dispenser and add new tablets if needed
- Rinse the filter with fresh water

Once per month

- Soak filter cartridge(s) overnight (or at least 8 hours) in a bucket of water mixed with a filter cleaner

Pro Tips:

Balancing PH, Total Alkalinity (TA), and Calcium Hardness (CH)

- When testing PH/TA, if one is high and the other is low, always adjust the lower reading first.
- Wait at least 30 minutes (and no more than a few hours) after each PH and/or TA adjustment before retesting.
- It is not out of the ordinary to have to make several, or many, adjustments to bring PH and TA into balance.
- PH in newer water tends to rise on its own. Having to continually decrease PH for the first month or so is normal.
- If clumps form in your bottle of PH reducer, dissolve them in a small container with water before adding to spa.
- Calcium Hardness is important. If you use softened water then you will need to test/maintain Calcium Hardness.

Bromine and Oxidizer Shock

- To increase bromine level, adjust floating dispenser (to higher number) or add Bromine Concentrate followed by a non-chlorine oxidizer shock.
 - Using a non-chlorine shock will convert the bromine concentrate into active bromine
- Maintain a bromine level of 4-5ppm; 2-3 ppm if using an ozone system or a Spa Frog mineral cartridge; 1 ppm if using both
- Oxidizer shock should be added more than once per week for frequent (3-4 times/week) or heavy (party) use.
- Wait 15 minutes before entering the spa after adding oxidizer shock (this eliminates the chance of irritated skin).
- If possible, leave the spa cover open for 15 minutes after adding oxidizer shock (this allows off-gassing to occur).

General Maintenance

- Add chemicals by broadcasting them over the middle of the spa; run the pump(s) for more efficient mixing.
- Cloudy water is usually caused by inadequate sanitation. To cure it, increase bromine level, shock & clean filter.
- Skin breakouts from spas are usually caused by low sanitation or low PH, not by too much chlorine or shock.
- After soaking filter(s), rinse and allow filter to dry before placing back into spa. Replace filters after 1 year.
- Drain and refill your spa at least twice per year (3-4 times per year for daily or almost daily users).
 - Use a spa flush solution to flush out the plumbing before each draining.