



Spa Start-Up & Maintenance using Spa Frog® Mineral and Bromine Cartridge

Spa Start-Up (first time or upon drain/refill)

1. Fill spa or hot tub with water. **Please fill through Spa filter** by removing filter basket and/or skimmer.
2. Once filled, start your equipment following the manufacturer's instructions.
3. On Well Water or High PH/High Mineral Areas; **Add 1.0 oz.** Spa Guard® **Stain & Scale Control** per 300 gallons of spa water. (4 capfuls)
4. **Allow to heat up to desired temperature**, no more than 104°F.
5. **Add 2.0 oz.** Spa Guard® **Enhanced Spa Shock** per 500 gallons. Or, 1- 2 oz. Packet of **Spa Frog Quick Start** Activate high speed jets for 10-15 mins. Or initiate **"CLEAN CYCLE"**
6. Install **Spa Frog Mineral Cartridge**. Set to #6.
7. Install **Spa Frog Bromine Cartridge**. Under 300 gallons set to #2-3. 300-400 gallons, set to #3-4. Over 400 gallons, set Bromine to #4-5.
8. Using a Spa Guard® **4 way Test Strip**, test for Total Alkalinity, Calcium Hardness & pH.
9. Balance the **Total Alkalinity, Calcium Hardness & PH level** of the spa water.
10. Optional: Add 1.0 oz. Spa Guard® **Natural Spa Enzyme** per 100 gallons of spa water.

After Each Use:

- **OPTIONAL/RECOMMENDED: add 1 Tbs. of Spa Guard® Enhanced Spa Shock, per 2 Bathers.**

Weekly:

- Test and adjust **Total Alkalinity** to maintain 125-150 ppm. And **pH.** to 7.2 to 7.8.
- Test Bromine level and check **Spa Frog Bromine Cartridge** to make sure it is not empty. Bromine Cartridge life varies from 2-5 weeks depending on size of spa and bather load.
- Add Spa Guard® **Natural Spa Enzyme** and **Stain & Scale Control** following the label instructions.
- Shock your spa or hot tub with Spa Guard® **Enhanced Spa Shock**

Monthly:

- Rinse and **Clean Spa Filter** Thoroughly and Spray with Spa Guard® **Spa Filter Cleaner**, as per label instructions

Every 3 to 4 Months:

- Drain, clean, polish and refill spa or hot tub based on usage.
- Follow startup instructions and Replace **Spa Frog Mineral** and **Bromine Cartridges**