

## **Chlorine Start Up Procedures:**

1. To fill up the spa: Remove one of the filter cartridges and place hose inside of the hole and fill the tub to cover the highest set of jets.
2. Plug in the tub or turn power on to start circulating the water. Allow water to heat up to at least 80 degrees before adding any chemicals.
3. Add 2 oz. of Stain & Scale. Let this circulate for 30 minutes.
4. Add 2 oz. of Granular Chlorine. Let this circulate for 30 minutes with the cover of the spa open.
5. Add 8oz. of Calcium Hardness Increaser. Only add 2 oz. every 20 to 30 minutes. Water with appropriate calcium levels foam less, sparkle better and the water is less aggressive towards metals and plastics.
6. Wait approximately 24 hours and bring in a water sample to be tested for any chemical adjustments.
7. Add 1 oz of granular chlorine per person after each use

Appropriate Levels • Chlorine: 3-5 ppm • pH: 7.2-7.8 • Alkalinity: 80-120ppm • Calcium Hardness: 200-500

**\*Helpful Hints\*:** • Always run the spa jets when adding chemicals. • Leave spa cover open or off for 20-30 minutes after adding chlorine or non-chlorine shock – the impurities need to off-gas • Wash the area above the waterline with spa water weekly after adding chlorine to clean this surface

### **Every 2 to 3 Days:**

Test Chlorine level – add chlorine to keep level between 3-5ppm.

### **Weekly Maintenance Procedures:**

1. Test water with test strips and adjust levels, as necessary. If you are unsure, bring in 4-6 oz of spa water to Pettis for a computerized water test.
2. Add 1 oz. of Stain & Scale. Let this circulate for 30 minutes before adding your normal weekly chemicals as directed above.
3. Add 2 oz. of Granular Chlorine if chlorine has not been added in the last 3-4 days. Let this circulate for 30 minutes with cover off.
4. Wash the area above the waterline with chlorinated spa water to clean this surface or use spa surface cleaner.
5. Add 2 oz of Non-Chlorine Spa Shock. Let this circulate for 30 minutes with cover off.

### **Every two weeks:**

1. Rinse filter cartridges to remove any debris. Inspect for discoloration which means the cartridges need to be chemically cleaned.
2. Make sure the water level is up and covering the highest jet. Topping up the water level is a regular occurrence.

### **Monthly:**

1. Chemically clean the filter cartridge(s) with a Spa Filter Cleaner.
2. Bring in a water sample to Pettis Pools for a computerized water test.

\*Reminders: • Always leave the spa cover open after adding non-chlorine shock or chlorine. • Always close air-injector knobs when not using the spa. • Spa water needs to be drained and refilled every 4 months. • Clean the underside of the spa cover occasionally with bleach water to prevent odors.