

## **Maintenance Guidelines**

# **ACE Salt Water System**

\*\*Always activate jets when adding water care products, unless noted otherwise\*\*

#### FRESH FILL (start-up)

- 1. Check and balance total alkalinity (125-150ppm)
  - Adjust as needed with SpaGuard Total Alkalinity Increaser or SpaGuard pH Decreaser.
- 2. Check and balance pH (7.4-7.6)
  - Adjust as need with SpaGuard pH Increaser or SpaGuard pH Decreaser.
- 3. Check and balance calcium hardness levels (25-75ppm)
  - Adjust as needed with **SpaGuard Calcium Hardness Increaser** or **Vanishing Act Calcium Remover** (if Calcium hardness is less than 100ppm DO NOT USE **Vanishing Act**).
- 4. Check and balance chlorine levels with **SpaGuard Chlorine Concentrate** (3-5ppm)
- 5. Enter Output Level. An initial OUTPUT level of 3-6, depending on size of spa, is recommended to start with.
- 6. Install Silver Ion Cartridge onto the adapter.
- Activate the Clean button and slowly add the directed amount of Spa Salt to the filter compartment, one cup at a time, until the recommended start up dosage is added.

### 24-HOUR CHECK (only after initial fill, it is recommended to test daily for the first week of operation)

- 1. Spa must be between 90-104F before retesting.
- 2. Add **Spa Salt** ONLY if necessary! If the salt level is in the recommended range (1750ppm), SKIP STEP.
- 3. Check and balance pH (7.2-7.6) and Total Alkalinity (125-150ppm)
- 4. Confirm that the calcium hardness levels are in range. Adjust if needed (25-75ppm)
- 5. Check and balance chlorine levels with **SpaGuard Chlorine Concentrate** (3-5ppm)

#### **WEEKLY CHECK**

- 1. Check & balance pH (7.4-7.6) & Total Alkalinity (125-150ppm)
- 2. Check & balance chlorine. Adjust Output Level to increase or decrease chlorine output:

Adjust the Output level up if the chlorine level is low (<1ppm),

or down if the chlorine level is high (>5ppm). This may take several weeks to determine the correct Output level.

## 30-DAY CHECK (Monthly, or when the water icon is flashing)

- 1. Every 30 Days: Bring in your water to any Georgia Spa location and get your water tested to check your levels.
- 2. Check and balance calcium hardness levels (25-75ppm)
- 3. Confirm Output Level.
- 4. In the ACE Menu, test conductivity (Test Button); if out of range, manually test salt before adjusting Salt amount.
- 5. Manually flush the plumbing by increasing the chlorine to 5ppm using SpaGuard Chlorine Concentrate

#### **3 TO 8 MONTH MAINTENANCE**

- 1. Every 3 months, clean the salt cell with ACE Cell Cleaner. Follow directions in the ACE Saltwater Manual.
- 2. Every 4 months, replace the Silver Ion Cartridge.

## **AS NEEDED**

- 1. If the spa is being used more often than usual, it may be necessary to add more chlorine to the water by activating the **BOOST** button in the ACE System. Manually add **SpaGuard Chlorine Concentrate** if your Output level is set to the max and your chlorine levels still read low (below 1ppm)
- 2. If combined chlorine and free chlorine do not equal each other, shock the spa with SpaGuard Spa Shock.
- 3. Replace water annually. This changes based on many factors, may require changing sooner than recommended.

#### MEASUREMENT KEY

3 teaspoons = 1 tablespoon

1 tablespoon = 0.5 ounce

8 ounces = 1 cup