

# **ThomsonTec**

## **SPA START-UP INSTRUCTIONS**

### **Site Inspection and Installation.**

1. *Balance water. If the TA and pH both need adjusting, correct the TA first. Adjust the pH at the next visit.*  
pH 7.2-7.4  
TA 80-120 ppm  
CH 150-300 ppm  
TDS 200-800 ppm
2. *Each spa differs as to size, bather load and filter cycle. Most spas come with ozone (oxidizer) which burns up organic material, body oil, urine, etc. **Potassiummonopersulfate** (non-chlorine oxidize) can also be used as an oxidizer.*
3. *Install unit.*
4. *Run Ion unit for 2-4 hours on setting 50 while spa is on a filter cycle. Test water with test kit provided, for copper level (0.25-0.3 ppm). After the desired level is reached, turn ion unit down to setting 10 on controller.*
5. ***Never let copper level exceed 0.3 before adjusting to lower setting.***

### **Second Visit (2<sup>nd</sup> day).**

1. *Check pH and TA (pH 7.2-7.4, TA 80-120 ppm).*
2. *Check copper (0.25-0.3 ppm).*
3. *Leave output control setting at 10, if copper is 0.25-0.3 ppm.*

### **Third Visit (1 week).**

1. *Check pH and TA (pH 7.2-7.4, TA 80-120 ppm).*
2. *Check copper (0.3-0.4 ppm).*
3. *Adjust output control, if necessary.*
4. *Give Owners Manual and Warranty Card to customer with instruction to complete and mail in the Warranty Card.*
5. *Instruct the customer how to correctly test the copper and instruct them to keep the pH balanced.*
6. ***Test copper level once a week (0.3-0.4 ppm) and adjust accordingly.***

- NOTE:**
- a. Testing for copper should be done on a weekly basis.*
  - b. Check anodes for scale build-up when water is changed.*