

ECOsmarte Spa System

Startup Guide



STARTUP

1. Fill Spa with Water
 - DO NOT use "softened" water
2. Turn on spa, **be sure pumps are primed**, check for any leaks
3. **Turn all pumps (jets button) on high speed and keep there anytime while making water adjustments**
4. Add Calcium Hardness Increaser (1-2 pounds for hot tubs, 5 pounds for swim spas)
 - Be sure all the calcium dissolves
5. Wait 30 minutes
6. Test Calcium Hardness
 - If less than 300 ppm, then go to step 4
7. Test pH
8. Adjust pH to 7.0 - 7.2
 - Always premix in separate container before introduction into spa
 - Use granular pH Up for upward adjustment (as directed on product container)
 - Use granular pH Down for downward adjustment (as directed on product container)
 - If equipped with CO2 injection, press "Test"/"Override" button on control 2-3 times
9. Wait 30 minutes
10. Repeat test for pH
 - If greater than 7.2, go to step 8
 - If less than 6.8, wait until next day to adjust
11. Turn ECOsmarte Control Box switches to "High" and "Ionize"
 - Be sure filter pump (pump1 or circulation pump) is on and ECOsmarte control is on
12. Wait 30 - 45 minutes
13. Test Copper Level
 - If not in range of 0.2 - 0.3, wait 15 minutes and repeat step 13
14. Turn ECOsmarte Control Box switches to "Oxidize" and "High" for hot tubs and "Low" for swim spas (Normal Operating Mode).
15. Proceed to "First Week Maintenance"

FIRST WEEK MAINTENANCE

- Check pH every day. Adjust pH to 7.0 – 7.2 (Refer to step 8)
- Check Copper level every 2 days. Turn on "Ionize" and "High" for 10-15 minutes if it is below 0.2

ROUTINE MAINTENANCE

- Check pH once per week. Adjust pH to 7.0 – 7.2 (Refer to step 8)
- Check Copper level once per week. Turn on "Ionize" for 10-15 minutes if it is below 0.2
- Remove spa filter(s) once per week and rinse off thoroughly. Rendezvous Minute Rinse is recommended.
- Replace spa filter(s) once per month with spare filter(s) and regenerate old filter(s) by cleaning with a non-sudsing filter cleaner. Rendezvous Filter Fresh is recommended. Rinse filters and allow to dry completely
- Check ECOsmarte chamber once a year to insure integrity and cleanliness of bars
 - Chamber can be removed if necessary and cleaned using diluted Muriatic Acid and Cleaning Caps.