



Clearwater Spas

QUICK START UP INSTRUCTIONS

Important! Please read these instructions carefully before use!

Items included with the Total Purity System:

- Pre-stage garden hose filter
- Copper testing Kit
- Four-in-one Test strips (alkaline, pH, calcium and chlorine)
- Bacteria test kit
- Bottle of Alkaline Up, pH Up, and pH Down
- Spa chlorine granulars

FIRST VISIT (1st Day):

1. Connect the pre-stage garden hose filter attachment provided, and fill your Hot tub with water to the appropriate level (check your spa manual for reference).
2. Test the Alkalinity, pH, and Calcium levels using the test strips provided. Adjust the water if necessary using the provided products.
3. If the TA (total alkalinity) and pH both need adjusting, correct the TA first. Reference the test strip to determine the levels. Plan to adjust the pH at the next visit. Your water should read as follows:

pH: 7.2-7.4

TA: 80-120 ppm

CH: 150-300 ppm

4. Setting the copper level: Run the ion unit on setting 50 (see the operation manual for details). Test the water, with the copper test kit provided. Ideal level should read 0.25-0.3 ppm. When the desired level is reached, turn ion unit setting down to 10 on the controller. **IMPORTANT!** Never let the copper level exceed 0.3ppm before adjusting the ion unit to a lower setting.
5. Bacteria Test: Once the copper has reached optimum level, test water for bacteria by following the directions on the bacteria test kit provided. Use the bacteria test strips, and repeat as needed. **IMPORTANT!** Test for bacteria a minimum of once per week. **THE TOTAL PURITY SYSTEM IS DESIGNED TO WORK IN CONJUNCTION WITH LOW LEVELS OF CHLORINE.** A minimum of .05 to 1 ppm is recommended. Check the sanitization levels regularly. **IMPORTANT!** Do not use bromine or chlorine tablets.

If your spa tests positive for bacteria, immediately super-chlorinate your spa using spa chlorine only.

Your spa comes with an ozone system (an oxidizer) which burns up organic material (body oil, urine, etc.). Potassium Monopersulfate (spa shock) may also be needed as an oxidizer if bather load is unusually heavy. Two ounces of spa shock for every 6-8 people or 6-8 uses is recommended.

SECOND VISIT (2nd day):

1. Check the pH and TA using the provided four-in-one test strips. Once your levels are set correctly, continue to **check your levels weekly.**
2. Check the copper level using the provided copper test kit. Once your levels are set correctly, continue to **check your levels weekly.**

THIRD VISIT (week one):

1. Check the pH and TA using the provided four-in-one test strips. Once your levels are set correctly, continue to **check your levels weekly.**
2. Check the copper level using the provided copper test kit. Once your levels are set correctly, continue to **check your levels weekly.**
3. Test for bacteria with kit provided as often as once per week depending on bather load.

GENERAL GUIDELINES:

A good guideline is to check filters after every 6-8 people have soaked in the tub, or every 6-8 uses. Use granular chlorine and/or spa shock as needed.

NOTE: Your system has a UVC germicidal bulb that needs to be replaced every 12-18 months. Check with manufacturers manual for details.

NOTE: Copper electrodes may need to be cleaned periodically depending on varying water conditions. See operation manual for details.