

Hot Tub Maintenance

For the most accurate water test results, bring a water sample into the retail store to be tested. Snyder Pools recommends bringing in a water sample once every month.

Initial Startup or Water Refill (with Leisure Time® Spa 56 Chlorinating Granules* and Nature²® Spa):

1. Install the cartridge filter.
2. Fill the hot tub. You may start step 3 while the hot tub is filling.
Note: If you purchased or own an ecoone® hose filter, you can skip step 3. The ecoone® hose filter purifies water by removing organic and metallic contaminants from both city and well water.
3. Add an entire bottle of Leisure Time® Metal Gon for every 500 gallons of fresh water. Let the hot tub run for at least 30 minutes. Snyder Pools recommends waiting 24 hours before adding any other chemicals.
Note: For ecoone® customers with a high concentrations of metals or hard water, it is still recommended to add the Leisure Time® Metal Gon to ensure any remaining metals will be sequestered, and will not interfere with the sanitizer you will be adding.
4. Test the water with test strips for pH and total alkalinity levels.
5. If the pH of the water is 6.8 or below, add 2 oz. (4 tbsp.) of Spa Up for every 500 gallons of water. If the pH is between 6.8-7.2, add 1 oz. (2 tbsp.) of Spa Up for every 500 gallons of water. Let the hot tub run for 1-3 hours; retest the water after 3 hours. If the pH is still below 7.2, repeat step 5. A low pH reading (below 7.2) can cause equipment corrosion or scale formation. Ideal pH is between 7.2-7.8, and total alkalinity levels should be between 80-120 ppm to increase the effectiveness of the sanitizer.
6. Test the water again for calcium hardness. If the calcium hardness is not between 150-400 ppm, add Leisure Time® Calcium Booster; 1 oz. (2 tbsp.) of Leisure Time® Calcium Booster will raise the calcium hardness 7 ppm for every 500 gallons of water. Let the hot tub run for 1-2 hours; retest the water to ensure the proper level has been reached. If the calcium hardness is still low, repeat step 6. Water containing low calcium will etch plaster, corrode equipment, and may cause foaming.
7. After the water is balanced, remove your cartridge filter and insert the Nature²® Spa stick into the filter. Install the cartridge filter back into the hot tub.
8. Add ½ oz. (1 tbsp.) of Leisure Time® Renew® for every 250 gallons of water. Circulate the water for 15 minutes with the cover off. Test the water with an MPS (MonoPeroxySulfate) test strip. If the strip indicates the level is below the “OK” range, repeat step 8. Enter the hot tub only after the test strip indicates a sufficient level of MPS. Used as a shock oxidizer, Renew® will effectively reduce odor-causing ammonia and chloramines, as well as soaps and oils.
9. Add ¾ oz. (1.5 tbsp.) of Leisure Time® Spa 56 for every 250 gallons of water. Let the hot tub run for 5 minutes; retest the water. If the chlorine residual is not at least .5 ppm, repeat step 9.
10. Let the hot tub run at least 6 hours a day (refer to topside control operating guide).

Congratulations! Your hot tub is now ready for use. Please refer to the “Regular Maintenance (with Leisure Time® Spa 56 Chlorinating Granules* and Nature²® Spa)” section to maintain the hot tub over the next 4 months until the water needs to be drained and refilled.

**For initial startup or water refill instructions for customers using bromine products like Leisure Time® Brom Tabs and Leisure Time® Sodium Bromide, refer to the manufacturer’s instructions on the back of the containers.*

Regular Maintenance (with Leisure Time® Spa 56 Chlorinating Granules* and Nature²® Spa):

1. Test the hot tub before each use and at least once a week when not in use.
2. If the pH of the water is 6.8 or below, add 2 oz. (4 tbsp.) of Leisure Time® Spa Up for every 500 gallons of water. If the pH is between 6.8-7.2, add 1 oz. (2 tbsp.) of Spa Up for every 500 gallons of water. Let the hot tub run for 1-3 hours; retest the water after 3 hours. If the pH is still below 7.2, repeat step 2.
3. If the pH of the water is above 7.8, add ¼ oz. (1 ½ tsp.) of Leisure Time® Spa Down for every 500 gallons of water. Let the hot tub run for 30 minutes; retest the water to ensure the proper level has been reached. If the pH is still above 7.8, repeat step 3.
4. If the calcium hardness is not between 150-400 ppm, add Leisure Time® Calcium Booster; 1 oz. (2 tbsp.) of Leisure Time® Calcium Booster will raise the calcium hardness 7 ppm for every 500 gallons of water. Let the hot tub run for 1-2 hours; retest the water to ensure the proper level has been reached. If the calcium hardness is still low, repeat step 4.
5. Add ¾ oz. (1.5 tbsp.) of Leisure Time® Spa 56 for every 250 gallons of water once a week, when chlorine is at a 0 ppm reading, and to remedy problems, such as cloudy water, which may occur when bathing loads are high.
6. Add ½ oz. (1 tbsp.) of Leisure Time® Renew per 250 gallons of water once weekly or when MPS (MonoPeroxySulfate) test strip indicates the level is below the “OK” range. Enter the hot tub only after the test strip indicates a sufficient level of MPS.
7. Let the hot tub run at least 6 hours a day (refer to topside control operating guide).

**For regular maintenance instructions for customers using bromine products like Leisure Time® Brom Tabs and Leisure Time® Sodium Bromide, refer to the manufacturer’s instructions on the back of the containers.*

Optional Maintenance Steps (with Leisure Time® Spa 56 Chlorinating Granules* and Nature²® Spa):

1. Add 1-2 fl. oz. (2-4 tbsp.) of Leisure Time® Spa Algaecide for every 500 gallons of water once weekly to keep the hot tub free from algae growth.
2. Add 1 fl. oz. (2 tbsp.) of Leisure Time® Enzyme for every 250 gallons of water to avoid buildup at the water line once weekly. This product is a blend of natural enzymes that will break down oil, lotion, and organics that cause unsightly scum lines and odors. Enzyme reduces the need for maintenance of cartridge filters and hot tub surfaces.

**For optional maintenance steps for customers using bromine products like Leisure Time® Brom Tabs and Leisure Time® Sodium Bromide, refer to the manufacturer’s instructions on the back of the containers.*

Things to Remember to Do:

1. Take the cartridge filter(s) out at least once a month to be cleaned. The cartridge filter(s) can be cleaned by rinsing first, then soaking in a filter cleaner. Prepare Leisure Time® Filter Clean by adding 16 oz. solution to 4 gallons of water in a large plastic bucket or garbage barrel. This solution concoction will treat up to 2 cartridge filters. Allow the cartridge filter(s) to soak for at least 3 hours, however, soaking overnight is ideal. Remove the cartridge filter(s) from the cleaning solution and rinse before returning back to the hot tub. If using Pleatco Spa Filter Wash™, rinse the cartridge filter(s) then add one tablet to a bucket filled with water. Each tablet cleans up to 2 cartridge filters. Allow the cartridge filters(s) to soak for 25 minutes; if you have tall/large cartridge filters, allow them to soak for an additional 25 minutes. Rinse the cartridge filter(s) before returning to the hot tub¹.
2. Before changing water, remove the cartridge filter and clean separately (using the instructions above). Then, add a bottle of Leisure Time® Jet Clean. Let the hot tub run for 15 minutes. Turn the hot tub off and let it sit for 1 hour. Turn the hot tub back on and let it run for 15 minutes. Drain the hot tub using a submersible pump and hose, then clean.
3. To clean the interior of the hot tub, spray Leisure Time® Citrabright (shake well before using) on the hot tub shell and wipe clean with a damp sponge or towel. Citrabright is formulated with the natural power of citrus and uses a spray-and-wipe formula to remove even the toughest grease and grime.
4. Once the hot tub shell is completely dry, apply Leisure Time® Fast Gloss (shake well before using) to the surface using a dry cloth. Spread it evenly to one area at a time with a circular overlapping motion. Allow the Fast Gloss 10-15 minutes to dry before wiping off the residue with a new dry cloth. If the desired glossiness has not been reached, repeat step 4.
5. Replace the Nature² Spa® stick every 4 months.
6. Change the water every 4 months; refill using the “Initial Startup or Water Refill (with Leisure Time® Spa 56 Chlorinating Granules* and Nature²® Spa)” instructions.
7. After a power loss, reset temperature and filter cycle (refer to the operating guide provided by the manufacturer).

¹**Fun fact:** Cartridge filters can also be cleaned in the dishwasher using a granular detergent.

For Cloudy or Dirty Water:

1. Check how many hours your hot tub is running on your topside control. Increase the filtration time to run 24 hours a day until water is clear (refer to your operating guide).
2. Add 6-8 fl. oz. (12-16 tbsp.) of Leisure Time® Spa Algaecide for every 500 gallons of water for visible algae growth or slimy interior. Let the hot tub run; wait at least 15 minutes prior to entering the hot tub. Repeat this process daily until water is clear.
3. Add 1 fl. oz. (2 tbsp.) of Leisure Time® Enzyme for every 250 gallons of water. Let the hot tub run until the water is clear. Repeat this process daily until water is clear.
4. Add 2 fl. oz. (4 tbsp.) of Leisure Time® Bright & Clear for every 800 gallons of cloudy water (use 4 fl. oz. (8 tbsp.) for hot tubs with over 800 gallons) and let the hot tub run until the water is clear. Repeat this process daily until water is clear. Hot tub water can become cloudy when millions of small, suspended particles accumulate. These particles are too small to be filtered out. Leisure Time® Bright & Clear causes the small particles to bind together, forming larger clusters that can easily be trapped by the cartridge filter to improve water clarity.
5. Add 2 fl. oz. (4 tbsp.) of Leisure Time® Defender to up to 800 gallons of cloudy water (use 4 fl. oz. (8 tbsp.) for hot tubs with over 800 gallons) then let the hot tub run for 1 hour. Repeat this process daily until the water is clear. Leisure Time® Defender is designed to help prevent scale formation, aid in the removal of existing scale, and help prevent precipitation of dissolved solids in the hot tub.
6. Take out the filter cartridge to be cleaned by soaking in Leisure Time® Filter Clean overnight or in the dishwasher with a granular soap.
7. If you tried all of the above or would like a professional opinion, bring a sample of the hot tub water to the retail store to get tested.

For Foamy Water:

1. Add ½ oz. (1 tbsp.) of Leisure Time® Foam Down (shake well before using) at a time to foamy water. Repeat as necessary. Foam Down is a concentrated blend of non-oil anti-foaming agents that stops and prevents foaming.

Quick Measurement Conversion Guide

2 oz. = 4 tbsp.

1 ½ oz. = 3 tbsp.

1 oz. = 2 tbsp.

¾ oz. = 1.5 tbsp.

½ oz. = 1 tbsp.

¼ oz. = 1 ½ tsp.