



**Roberts Hot Tubs**

## **Maintenance**

---

Contact information

510-234-7920

[www.rhtubs.com](http://www.rhtubs.com)

[benny@rhtubs.com](mailto:benny@rhtubs.com)

## **General Maintenance**

A grey, slimy, or fuzzy tub indicates improper water chemistry or over sanitation. Whenever adding chemicals make sure water is circulating.

### **Sanitizer**

- Use only 'Sodium Di-chlor' type granular chlorine in wooden hot tubs.
- Chlorine should be added after each use, or a minimum of 3 times per week.
- Add approximately 1 tsp, pre-dissolved into a bottle of water, per 250 gallons of water. Half if using ionizer.
- Testing water 20 minutes later should show a reading of between 1ppm and 3ppm.

### **Total Alkalinity (Ignore during wood break in period)**

- Test to every one to two weeks.
- Adjust total alkalinity before pH.
- Reading should be between 80ppm and 120ppm.
- If high, lower with sodium bisulfate (dry acid or spa down).
- If low, raise with sodium bicarbonate (spa up or baking soda).

### **pH**

- Test every one to two weeks.
- Reading should be between 7.2 to 7.8
- If high, lower with sodium bisulfate (dry acid or spa down).
- If low, raise with sodium carbonate (soda ash).

### **Copper Ionizer**

- Test every one to two weeks.
- Keep set to "ion action" and set to 100 to increase copper levels. Lower to about 6-10 once you reach 0.1-0.3ppm.

### **Hydroxyl Injector**

- If you have a hydroxyl injector, please decrease chlorine use to 1 tbsp per 500gal every week to every other week.

### **Tub**

- Empty your tub every 3-6 months depending on usage.
- You may gently rub the sides down with a plastic bristle brush or rough side of a sponge.

## **Filter**

- Clean filter cartridge every 1-3 months depending on usage.
- It is recommended that you use a filter cleaner.
- Filter cartridge should be replaced about every 1-2 years.

## **How to Clean Your Filter**

1. Turn off the power to the equipment.
2. If your tub is filled with water, close both valves that isolate your equipment from the tub.
3. Open the bleeder valve on the top of your filter.
4. Open the filter canister and take out the filter cartridge.
5. Clean the filter cartridge by spraying it down with a hose. We recommend you also use a filter cleaner like filter blaster to help break down the oils in the pores.
6. Replace the cartridge and close the canister.
7. Open both valves.
8. Fill your tub with water if it was empty.
9. Close bleeder valve once water starts coming out of it.
10. Turn power back on.

## **Wood Break-In Periods**

- Western red cedar: 1 year
- Alaskan Yellow cedar: 3 months
- Teak: 6 months
- During wood break in periods water will need to be drained more often before returning to regular scheduled drainage.
- Western red cedar: drain after 1-2 weeks and another after 1 month.
- Alaskan yellow cedar: after 1-2 months
- Teak: after 2-4 weeks