

HOT TUB WATER CARE SHEET

1st: Use a test strip Daily (to check the chemical levels), at least until you become familiar with your water.

Bromine or Chlorine (sanitizer) should always be in the OK range. If your sanitizer level falls below the OK range, bacteria will double every 15 minutes @ 104 degrees F. This will cause your water to get foggy and smelly. The best way to fix that is to change your water. If the sanitizer level exceeds the OK range, this will have a strong chemical smell which will burn your eyes, nose and skin and ruin your spa eventually.

The PH & Alkalinity levels are best kept at the high of the OK range but not to exceed the limit. Spa Down can be used to keep the PH & Alkalinity levels from exceeding ranges. *(Note: If the PH & Alkalinity levels start to plummet, it's time to change the water.)*

2nd: 2nd: Add 1-2 oz./week approximately of Defender (stain & scale).

3rd: Change your water every 1-2 months and do a complete cleaning including scrubbing the water line, rinsing the filter and cover.

TIPS & TESTS

- Monthly: Rinse filter and top off your water levels. Water levels generally are half way up the filter compartment intake or at the bottom of the pillows. Usually you want to cover all of the jets except the neck jets. Low water levels are serious and can cause problems with your spa.
Rinsing your filter and topping off your water are very important.
A plugged filter and low water levels are the most common

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This is only intended to be a guideline.
The information on this sheet pertains mostly to above ground hot tubs.

- causes of Flo errors which cause the spa to stop heating. The best technique for rinsing a filter is to use a high pressure, large volume stream of water to get deep into the folds of the filter where the debris collects. Start at the top of each fold and rinse downward. Go all the way around, then flip the filter and start at the top and go all the way around again.
- Set a flat weight on the corners of the cover if they bounce when you tap them. This will prevent heat loss and water evaporation. A 1" x 1' paver works perfect.
 - LESS IS MORE!! – When adding chemicals, add a tsp. at a time. You can always add more.
 - Turn off pumps when turning diverter valves to relieve pressure in valve so it turns easier.
 - **Never store your chemicals in temperatures over 85 degrees. High temps ruin their effectiveness.**

CHEMICAL LIST

- Bromine or Chlorine tablets for Spas (place in filter basket or floater)
- Bromine or Chlorine test strips (test daily – add accordingly)
- Chlorinated Shock Granules - For quick sanitizer adjustments
- Non-Chlorine Shock - For Oxidizing without raising Sanitizer levels
- Defender (Stain & Scale) – 1-2 Oz./week
- Spa Down (Reduces PH/Alkalinity)
- Metal Gone (add every time you change water)
- New filters (rinse regularly, change when they don't rinse white)
- Small Floater - For maintaining Sanitizer levels over long periods

MISCONCEPTIONS

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- It doesn't cost \$30.00 to fill a hot tub (\$2.00-5.00, Average 400 gal.)
- Old water takes more chemicals to maintain than fresh water. The benefits of fresh water far outweigh the added cost in having to try and treat old water with excessive chemicals. Your spa will have less problems and use less chemical and ultimately, save you money with regular water changes.

SPA DOCTOR ADVANTAGES

- Over 35 years experience in the field of Spa Service
- Rick is A Sole Proprietor and the only technician to work on your spa
- Strictly a service company where the focus is on what is best for the customer
- Direct communications with tech. No long office delays
- Desire to educate the customer on Spa use and Water Care
- Fast and courteous

DRAINING/FILLING YOUR SPA

- Turn off the power first. Connect a garden hose to the faucet and put the other end on the bottom of the spa. Turn on the water to run the air out of the hose, then turn off water and disconnect the hose from the faucet and place the hose on the ground or drain if available. The lower you place the hose the faster it will siphon (drain).
- When filling your hot tub up again, place the hose into the filter intake to prevent air lock in the pump and dry firing your heater. Never turn on the power until the spa is completely filled. The water line is generally below the pillow line or above the wall jets. Another level indicator is about half way up the filter skimmer.

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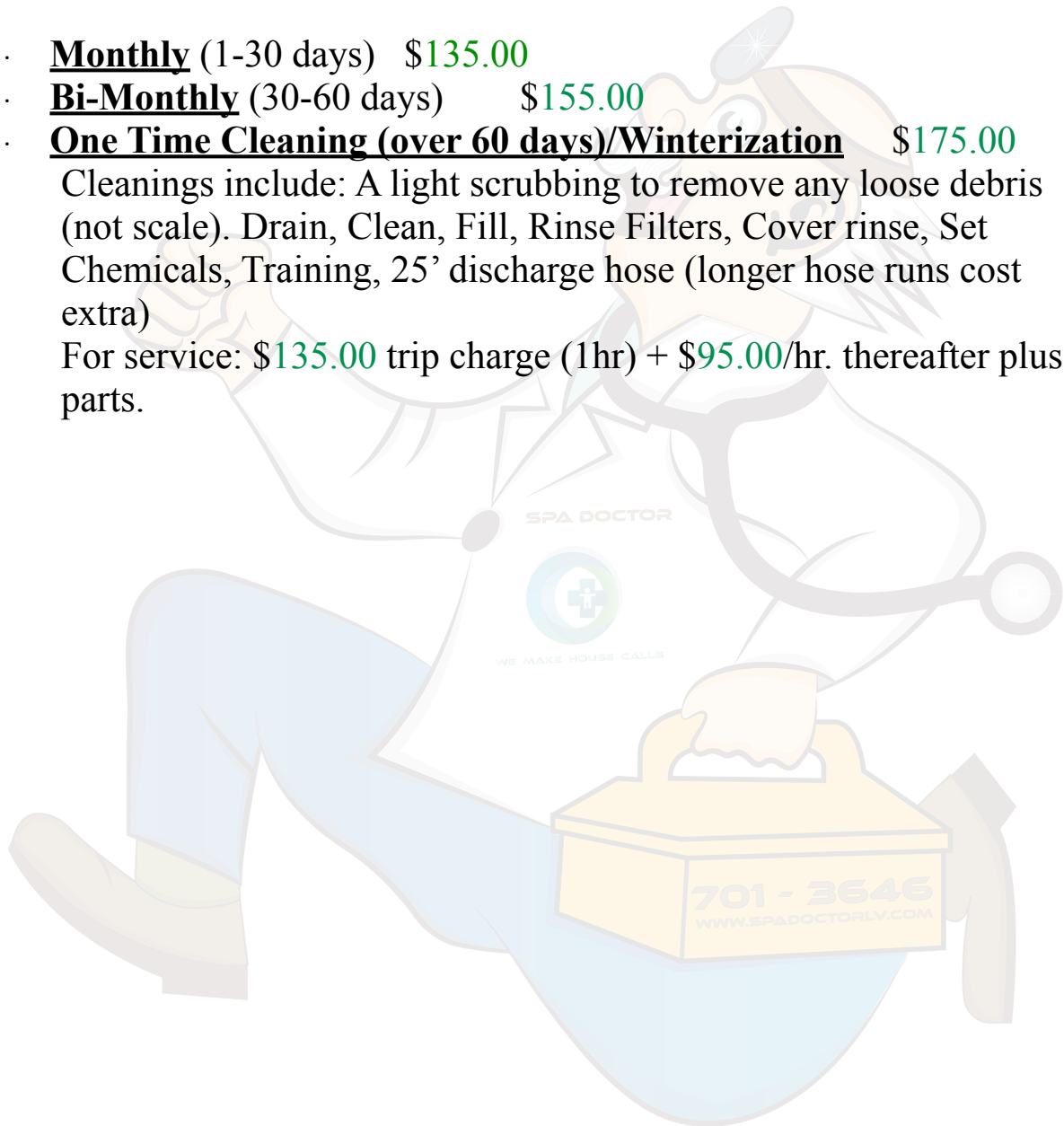
- *Put moth balls* inside your spa in motor compartment to prevent mice from entering.

WATER CHANGING RATES

- **Monthly** (1-30 days) \$135.00
- **Bi-Monthly** (30-60 days) \$155.00
- **One Time Cleaning (over 60 days)/Winterization** \$175.00

Cleanings include: A light scrubbing to remove any loose debris (not scale). Drain, Clean, Fill, Rinse Filters, Cover rinse, Set Chemicals, Training, 25' discharge hose (longer hose runs cost extra)

For service: \$135.00 trip charge (1hr) + \$95.00/hr. thereafter plus parts.



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