



HOT TUB MAINTENANCE INSTRUCTIONS

- ✓ Initial filling of water: allow floor and staves to soak up the moisture. Total sealing of tub may take 2-3 days or less.
- ✓ After 2-3 days of tub pulling up tight, check colour of the water: you can dump initial water, refill and add chemical in.
- ✓ Clean cartridge filter at regular intervals.
- ✓ Use spa and cartridge cleaner available from pool shops.
- ✓ Water maintenance is most important in keeping water clean.
- ✓ Regular filtration 2-3 hours daily is required.
- ✓ We recommend granular Bromine to disinfect your spa.
Watch for any signs of white hair-like strands on the interior. Do NOT use chlorine because it will cause breakdown of cell wall material - the source of the cloudy look / same with too acidic water.
- ✓ Never add bath oils, bath salt, soap or detergents to the water.
- ✓ Use an anti foam agent to rid water of foam.
- ✓ Proper PH of water is essential. 7.2 to 7.8 is good.
- ✓ Above 7.8, water is too alkaline and should be corrected by adding acid.
- ✓ Water too high in PH may reduce efficiency of your Bromine Disinfectant as a deterrent to algae and bacteria growth.
- ✓ Below 7.2, water is too acidic and should be corrected by adding soda ash.
- ✓ Water too low in PH may cause eye burn or skin irritation also it may cause breakdown in cell walls of wooden tubs.
- ✓ Do not run pump while adding chemicals.
- ✓ Blower can be turned on to help dissipate chemicals quickly.
- ✓ Keep chemicals in a locked area out of reach of children and always read labels before using.
- ✓ We recommend scrubbing walls and all areas of tub inside at regular intervals.
You should never let your tub go empty and in hot, dry periods it should be kept full.
- ✓ After draining tub, hose out the interior – taking care to wash and scrub all areas around seats, jets, skimmer etc.
- ✓ If this condition appears, drain the tub; allow some time to dry, then sand smooth – first with an orbital sander and then by hand.
- ✓ Once corrected the process can be kept under control through careful maintenance of water quality.
- ✓ You may treat the exterior of your tub with decking oil preservative.
- ✓ Never apply any sealers to the interior of your tub.



RUNNING COSTS

- Costs for running your 131 Spartan LPG Gas Heater = Costs per mega joule for your gas x 120 mega joules per hour:
 - Example 1c per Mega joule for gas x 120 mj per hour = \$1.20
 - 1 H/P Pump = Approx 14c per hour
 - 7 Amp Blower = 27c per hour
 - 6 k/w heater = 1.02 per hour
 - Based on 17c k/w hour cost for Electricity
- ✓ For first heat up from cold it may take 20 to 24 hours depending also on the outside temperature. After you can run the pump for 30-minute morning and 30-minute evening.

MISCELLANEOUS

- ✓ It is the responsibility of the customer to contact their local council about rules and regulations and to comply with them.
- ✓ We recommend pavers or concrete base to sit your tub on.
- ✓ You will need a hose to fill the tub.
- ✓ Gas heater is an outdoor appliance: **never** put it under a deck. Never put a blower near a gas heater.
- ✓ Gas Heater Versus Electric Heater:
If you want to keep the water warm all the time → the best is the Electric Heater.
If you want to warm the water just for the weekend → the Gas Heater is the best because it will warm the water quickly. Gas heats the water faster however the gas heater is larger than the electric heater and needs ventilation.
- ✓ When you connect the pump there is no indication that it will work. Start the pump, allow sufficient time for all air to be purged, advance the thermostat setting to full on. The test device should now indicate heating.
Stop/Start pump several times until you are happy that the heating is switching on and off consistent with the pump running.
- ✓ **ALWAYS read the manual carefully before using new appliance.**