



## HOT TUB MAINTENANCE INSTRUCTIONS

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 Bromine to disinfect your spa.

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 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 for more than two days 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.

Watch for any signs of white hair-like strands on the interior. Prolonged exposure to excess chlorine or too acidic water will cause breakdown of cell wall material - the source of the cloudy look. If this condition appears, drain the tub, allow to dry for a day, 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.

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