HOW TO PROLONG THE LIFE OF YOUR HOT TUB

There are some simple steps you can take to prolong the life of your hot tub. Please follow the guidelines listed below to ensure the most trouble free and enjoyable use of your spa.

Rinse your feet
Please remember to rinse your feet before getting into the hot tub. This will help prevent sand and dirt from entering the plumbing system where it can clog valves and filters.

Use a suction sock
Please also use a suction sock to further reduce the amount of debris that can enter the plumbing system.

Maintain your valves
If one of your valves begins to feel hard to turn, please remove the valve and rinse it. To remove the valve, please turn the power off to the spa and remove the handle for the valve. Turn the top portion of the valve cap counter clockwise to expose the valve insert. Using the valve stem, please pull straight up on the insert. Rinse the valve and put back the insert into the sleeve and then replace the cap and handle. If the valve is scratched, it is a good idea to use a fine grit sand paper to smooth the valve insert before reinstallation.

Keep the cover on
Always keep your hot tub cover closed when the spa is not in use. This helps prevent unwanted debris from entering the hot tub and prevents sun exposure that could damage the surface and the jets of the hot tub. For full warranty coverage, please note the spa must remain covered at all times when not in use.

Keep the water clear and balanced
Water chemistry is another important part of spa ownership. Please be sure to use only factory recommended products. In addition, please make sure you maintain proper pH and sanitizer levels. Drain and refill your hot tub with fresh water every 3 to 4 months. On a regular basis, please use a spa vacuum to remove dirt and sand that can be seen on the floor of the hot tub.

WEEKLY MAINTENANCE
Removing Debris
Remove any debris and leaves from the Vortex skimmers and suction guard(s) on the inside of the spa. Blocked intakes can impede the flow of water through the jetting system.

Water Level
Replenish the water level if necessary so that it is approximately two-thirds up the Vortex skimmer opening. (See STARTING YOUR SPA.) Low and high water levels can damage your spa. It is important to check your water level often.
MONTHLY MAINTENANCE

Filter Care
We cannot stress enough the importance of a clean filter for proper water filtration. Dirty filters can restrict water flow, cause hazy water, and prevent your chemicals from working properly. Dirty filters can also cause low flow from jets, poor water clarity and sensors to activate error codes. It is important to clean filters regularly. Many water treatment products clear or clarify the water by clumping microscopic particles and minerals together so that these larger particles can be effectively trapped in the filter. A filter clogged with debris and calcium deposits does not trap particles properly. Soak your filter cartridges in Filter Cleaner monthly.

Removing the Filter
Twist lock the filter basket counter-clockwise and lift filter out.

Reinstalling the Filter
Repeat above directions.

CAUTION: Overtightening of the filter can cause the filter or filter housing to crack. Tighten filter until it is just snug.

NOTE: Filters and filter lids do not qualify for labor coverage. These parts can be purchased or exchanged under warranty at your authorized Marquis® dealer.

Leakage Detection
Open the equipment door and check for signs of water leakage around the pump(s). Pump seals wear out over time, especially with improper water chemistry. Early detection of pump seal failure can significantly reduce repair costs. Pump seals, heater gaskets and pump gaskets must be checked each month to ensure they are not leaking. Further damage caused by a leak from any component is not covered under the warranty.
EVERY THREE TO FOUR MONTHS

Draining and Filling the Spa
The average spa needs to be drained every three to four months. After months of continually adding chemicals to the water and introducing body oils and lotions, the water can be difficult to manage and chemicals are not as effective as usual. You may also notice excessive foaming. More frequent draining may be required depending on use.

Draining the Spa
1. Turn off the power to the spa.
2. Open the equipment compartment (see EQUIPMENT DIAGRAM). Remove the hose bib cap from the connection and attach a hose.
3. Open the drain valve. Gravity causes the water to drain out of the hose.
4. When the spa is empty, close the drain valve and remove the hose. Reinstall the hose bib plug.

NOTE: Keep the drain valve closed at all times except when draining the spa (do not rely on the cap to stop the flow of water). Not doing so could result in damage to the drain valve due to freezing water.

Replacing the Mineral Cartridge
The In-line mineral cartridge should be replaced every three to four months. You may still feel the “spent” minerals inside, but they are no longer effective and need to be replaced. (See ADJUST THE MINERAL CARTRIDGES, Blue Mineral Cartridge.)

Clean the DuraShell® Interior
Once the spa is drained, clean the DuraShell interior thoroughly – especially at the water line. We suggest the Glove Sponge to clean without scratching.

Marquis® Gloss & Guard or Spa Brite is the recommended cleaning agent for DuraShell – other products should be avoided except as stated below.

To maintain the high gloss and elegant look of DuraShell®, just follow these simple steps: For normal care and cleaning use a soft cloth or sponge and water. Rinse well and dry with a soft, clean cloth. Never use abrasive cleaners. Do not allow your acrylic surface to come into contact with products such as ammonium (Windex) ketones or esters such as acetone or ethyl acetate (nail polish remover), Wintergreen oil (methyl salicylate), nail polish, dry cleaning solution or other chlorinated organic solvents, lacquer thinners, gasoline, aromatic solvents, citrus cleaners, pine oil, etc. Remove dust and dry dirt with a soft, damp cloth. Clean grease, oil, paint and ink stains with diluted isopropyl (rubbing) alcohol (do not let alcohol pool or remain on acrylic). Dry with a clean, soft cloth. Avoid using razor blades or other sharp instruments that might scratch the surface.

NOTE: Due to the high-gloss, fine finish of the acrylics, imperfections in the surface texture may occur. A natural aging process in acrylic can lead to a process called crazing. Fine spider web-like lines can form on the cosmetic surface of acrylic over time after exposure to the elements and chemicals.
Crazing represents no structural weakening of acrylic and is not covered under the warranty. Fading, staining and discoloration may also occur but represent no structural degradation and are not covered under warranty.

**NOTE:** Do not leave an empty spa uncovered. Direct sunlight on the spa surface can cause severe damage or blemishing, cause fittings to discolor and can result in the voiding of any surface warranties.

**Refill the Spa**

Fill the spa with fresh water from a garden hose and balance the water as described in the Water Treatment section. The use of a *Fill Filter* is recommended when filling especially in areas of high mineral content in the water. Attach to the end of a garden hose to filter out any grit and sediment that could accumulate in the spa and potentially scratch the spa surface.

**AS NEEDED MAINTENANCE**

**Cover Care**

It is recommended that you use Marquis Cover Cleaner to keep the DuraCover™ clean and conditioned. Proper care of the cover increases the life and keeps it looking great in even the harshest conditions. **NOTE:** Do not use regular household products or products that contain silicone, alcohol, steel wool, or bleach.

1. Remove the cover from the spa and gently lean it against a wall or fence.
2. Use a garden hose to spray the cover and loosen and rinse away dirt or debris.
3. Use a large sponge and/or soft bristle brush with a very mild soap solution. Scrub the vinyl top in a circular motion. Rinse vinyl clean before a soap film has a chance to dry.
4. Scrub the perimeter of the cover and side flaps. Rinse clean with water.
5. Rinse off underside of cover with water only (no soap) and wipe clean with a dry rag.
6. Use *Cover Cleaner* to condition the top of the cover after cleaning.

**Cushioned Headrest Care**

To increase the life of your cushioned headrest, remove and replace them with care only when necessary.

**Remove Cushioned Headrest**

Slip your fingers under each end of the interior cushioned headrest part and gently pull straight towards you. Damage caused to attachments due to improper removal is not covered under warranty. Pillows and attachments are warranted to be free of defects at delivery only.

**Exterior Care**

Clean the exterior of the spa with a mild soap and water solution. Cleaners that contain alcohol or high levels of solvents, along with Acetone, Nitrobenzene, and Cyclohexanol, can dissolve and discolor the DuraWood exterior.

**Excess Debris**

Grit and debris tracked into the spa should be removed with a spa vacuum.
Water Line
To avoid buildup of oils and lotions at the water line, clean the interior weekly or when needed. We suggest the Glove Sponge to clean without scratching.

**NOTE:** Do not use the same brush or sponge to clean the exterior of the spa and the interior of the spa. Soap and other product residue used on the outside of the spa can cause foaming of the spa water and scratches to the spa surface if used on the inside of the spa.

**SUSPENDED USE OR WINTERIZING THE SPA**
If you decide to discontinue the use of your spa for any extended period of time, we suggest you follow the steps below.

**NOTE:** During long periods of inactivity, damage can occur to equipment from condensation within the equipment compartment. Failure to follow these instructions during freezing conditions will result in cracked fitting(s) and glue joints, and other damage.

1. Turn off the power to the spa.
2. Drain the spa. (See DRAINING AND REFILLING THE SPA.)
3. Remove all residual water from the seating and footwell. If necessary, bail out the remaining water then dry the spa with towels. A wet/dry vacuum is recommended for best results.
4. Using the wet/dry vacuum, place vacuum nozzle over each jet nozzle to remove water from plumbing lines, starting with the highest jet and finishing with the lowest jet. **NOTE:** The spa is equipped with a Tri-Zone control which is used to divert water between different jet zones. The valve must be “open” to the particular jets you are vacuuming.
5. Unscrew the pump plug(s) from the pump(s).
6. Again, using the wet/dry vacuum, place nozzle over the exposed pump opening(s) to remove excess water. The pump(s) should be removed from the spa and stored in a climate-controlled room.
7. Clean the spa interior.
8. Clean the filter cartridges.
9. Reinstall the DuraCover™ and lock in place. **NOTE:** Direct sunlight on the spa surface can cause severe damage or blemishing and can result in the voiding of any surface warranties.

**VACATION CARE INSTRUCTIONS**

**Short time periods: 3-5 days**
1. Adjust the pH (see WATER CARE).
2. Sanitize the water by following the shock procedures (See WATER CARE).
3. Lock your spa cover in place with cover locks.
4. Upon return, shock sanitize water.

**Long time periods: 5-14 days**
1. One day before leaving, set the temperature to approximately 80°F, 27°C.
2. Adjust pH as needed.
3. Shock sanitize water.
4. Upon return, shock sanitize water.
5. Return temperature to original setting.
6. Test water chemistry and adjust as necessary.