

## Bullfrog Winterization (No use for over six weeks)

When you are not planning to use the spa for six or more weeks, or when someone is not able to maintain the spa on a weekly basis, you should winterize the spa. To winterize, follow these steps:

**WARNING:** Prior to winterizing your spa, it will be necessary to Super Sanitize the spa water as per the instructions in the Water Chemistry section. This procedure will help prevent the growth of bacteria, algae and fungi in any areas of plumbing that may not be fully free of water after you drain your spa for its period of winterization.

**Step 1:** Drain the water.

**NOTE:** For Sport X Spas or Bullfrog Spas made before 2013 skip to Step 4

**Step 2:** For A or R Series spas. Open all lower valves to allow the water to drain from each pak as you drain the spa. Once the water is completely out of the spa then close each JetPak valve before starting step 3.

**Step 3:** Use a wet shop vacuum to vacuum the plumbing lines by placing the vacuum nozzle over each of the lower jet faces in the spa. Lower jets are any at or below the bench seat area.

**Step 4:** Remove the drain plug from the pump(s), loosen all PVC pipe unions, and pump air-bleed valves in the equipment compartment. Do not replace the plugs, tighten the unions or close the air-bleed valves until the spa is de-winterized.

**Step 5:** Remove JetPaks and attempt to drain any remaining water in them. Clean both front and back of each pack. Shop vac any water behind JetPaks and reinstall them.

**Step 6:** Clean the entire spa.

**Step 7:** Remove filter cartridge(s) and clean. Do not reinstall until they are completely dry.

**Step 8:** Secure the cover to the spa utilizing the tie downs and locking system. Clean cover and apply 303 protectant. In areas where heavy snow is anticipated, place a large piece of plywood (or its equivalent) on top of the spa cover to assist in supporting the cover with the added weight of the snow. Remove snow off the cover following each snow storm.

**WARNING:** To avoid water from becoming trapped between the floor suction fitting and the filter pipe. Use a wet/dry vacuum to remove the remaining water out of pipe by placing the vacuum end over the filter hole. In a two-pump spa, first plug off one filter using a tennis ball then vacuum out the water. Or pour ½-1 gallons (5-9 liters) of RV antifreeze into the filter hole. NOTE: RV antifreeze is nontoxic and does not require evacuation at start up.