

# WINTERIZING YOUR HOT TUB

While we feel that some of the best times to use your spa can be during the colder months, we understand that there can be a need for some owners to close their tubs during the winter months.

We feel that winterization should be left to the professionals, but if done carefully using the following instructions your risk of damage from freezing can be minimized. Please note, we do not warrant against freezing damage in a tub that has been winterized, either by the owner or by a professional service center.

## THINGS THAT WILL BE NEEDED:

- 2 gallons of NON-TOXIC (R-V type) antifreeze
- a strong wet/dry vacuum (shop vac)
- a turkey-baster
- 1 or 2 light plastic bowls approximately 5" diameter
- TIME approx. 2 hours

## INSTRUCTIONS:

1. Drain your tub.
2. With the wet-vac vacuum out any water remaining in the foot-well. Then with each jet in the open position, vacuum each jet nozzle until no more water comes out. **DO NOT FORGET** the small ozone jet in the foot-well.
3. With the vacuum over the whirlpool jet nozzle(s) and plastic bowls over the suction covers in the footwell, change it to each diverter position until there is no more water being drawn out.
4. Remove your filter, clean it and place in storage until you restart your tub. Pour NON-TOXIC antifreeze into the filter canister until it runs out into the foot-well of your tub through the suction covers.
5. With the turkey-baster, squirt a small amount of NON-TOXIC antifreeze into each jet. Usually the side jets will take around one ounce, and the whirlpool jet(s) will take several ounces (about 5 squirts per whirlpool jet). **DO NOT FORGET** the small ozone jet that is located in the foot-well of your tub.
6. Place the cover on the tub, and place a tarp over the tub and cover. Making sure to securely tie down the tarp. The tarp will help reduce the amount of weather your tub is exposed to.

## A COUPLE THINGS YOU SHOULD BE AWARE OF.

When a tub is drained and left empty, o-rings and pump seals can dry out and lose their ability to seal properly. You should closely inspect for small leaks in the equipment area when you do your re-start. If you are unsure of the location of the o-rings and pump seal, contact your dealer for help. If replaced early the damage caused by these failures can be inexpensive to fix.

## RE-START UP:

When restarting your tub, you will want to fill the tub and run all of the jets on high speed for 10-15 minutes. This will help flush the residue of the antifreeze out of the plumbing. Then drain the tub, clean the sides with an approved cleaner, place your filter back into the filter canister, re-fill your tub and balance your chemicals.

You may notice slightly more foaming than normal when you first start using your tub, this can be reduced with anti-foaming agents and generally gets better over the first week or two of usage as the filter removes the anti-freeze and organic residue left behind after rinsing and cleaning.

Make sure you check your filter at least once per week and rinse it out as needed for the first few weeks. You may also find it necessary to soak your filter in a filter cleaner after a few days, depending on the level of contaminant left in the tub after the re-start.