

INTECH PLUMBING WINTERIZATION GUIDE

Maintenance



Follow the steps in this guide if your trailer is equipped with a plumbing system and you are storing your trailer for the winter.

- Never drain the water heater when it's hot or under pressure. Allow the tank to cool before draining and remove any pressure from the system. Make sure that there is no city water hooked up and the water pump off. Open a hot-water faucet to remove any pressure built up in the system.
- Always use RV antifreeze to winterize your trailer. Automotive antifreeze is toxic if consumed, RV Antifreeze is not harmful when ingested so any residue that is left behind when you reverse the process and flush out the RV antifreeze in the spring will not be dangerous.

If you do not feel comfortable doing any of these steps most RV repair facilities and or service centers offer winterizing service for a nominal fee.

1. If you have any inline water filters, remove and bypass before starting. Drain the fresh-water holding tank. Drain and flush the gray- and black-water holding tanks. We recommend draining the black tank first and then the grey water tank. This will help to clean the drain line of any remaining solids that may have collected when draining the black tank. If the RV doesn't have a built-in flushing system, clean the black tank out with a wand. Drain the water heater. Open the pressure relief valve and remove the drain plug.
2. Open all hot and cold faucets; don't forget the toilet valve and outside shower if equipped. Locate and open the low point water drain lines. Use the water pump to force most of the water out of the system, but turn it off as soon as the system is drained, to prevent damaging the pump. Recap all drains and close all faucets.
3. Bypass the water heater. If you do not have a bypass kit installed, the water heater will fill up with RV antifreeze before it goes through the water lines, which might require an additional 6 or 10 gallons of unneeded RV antifreeze.
4. Shut off the inlet valve (the line coming from the fresh-water holding tank) and insert the draw tubing from the bypass inlet into a 1-gallon jug of RV antifreeze.
5. Turn the water pump on and pressurize the system. Starting with the closest faucet to the pump, slowly open the hot and then cold valves until the red-colored RV antifreeze appears. Replace the RV antifreeze gallon before it is emptied as often as needed to complete this step for each faucet. Repeat on all faucets from the closest to the farthest away. Don't forget the outside shower if equipped.
6. Flush the toilet until RV antifreeze appears. Pour a cupful of RV antifreeze down each drain, so that each P-trap has RV antifreeze in it. Pour some RV antifreeze in the toilet and flush it into the holding tank to prevent any water in the tank from freezing. If your water heater has an electric heating element, turn it off. This will protect the element if the unit is plugged in while in storage. Make sure all faucets are closed. You have now safely winterized your plumbing system.

For more information on how our trailers are wired please refer to the [Motorsports Electrical Schematic](#).

For replacement parts during OEM Supplier warranty periods, please refer to the [Important Contact Numbers](#) section on our website.

For replacement parts outside of OEM Supplier warranty periods (most typically 1 year), please contact inTech Trailers for pricing, lead times and availability of parts.