



PROTOCOL[®] RV Antifreeze

GUIDELINE FOR WINTERIZING YOUR RECREATIONAL VEHICLE

Materials needed:

- 1.) RV Antifreeze
 - 2.) Pump (hand)
 - 3.) Blow-out plug
 - 4.) RV Pump converter kit (winterizing)
- If it's a trailer, raise the front of your vehicle as high as possible by cranking the coupler jack all the way up allowing the trailer to drain. After draining, return the trailer to the level position.
 - Open all faucets in the vehicle.
 - Open the drain on the water tank and water heater and allow the water to drain out.
 - Close all faucets and drains on the cold water tank...but leave the hot water tank drain valve open.
 - Using an air pressure hose...thoroughly blow out the lines and check each faucet, one at a time, to ensure that no water remains in the faucets or lines. If you have a demand system, you will have to use a blow out plug on the city water hook-up.
 - Close all faucets and drain valves. Close water heater drain valve or plug.
 - Install RV Pump converter kit.
 - Hook-up the hose from the pump winterizer converter kit into the RV Antifreeze container.

Cold water side only

- 1.) Open the cold water faucet furthest away from the pump.
- 2.) Turn on the pump and leave the faucet open until the antifreeze is visible.
- 3.) Do the same for the tub, sink, toilet, and outside shower (cold side only).

Hot water side only

- 6.) Remove the hose from the pump winterizer kit and kit and put the cap back on.
- 7.) Take the hand pump and put the hose over the kitchen faucet outlet, turn on the faucet.

- 1.) Open up the hot side of the tub and pump the RV Antifreeze until it is visible in the tub.
- 2.) Close the tub faucet and open the sink faucet. Pump in the RV Antifreeze until it is visible.
- 3.) Close the sink faucet and pump the RV Antifreeze through the remaining hot water faucets.
- 4.) Remove the hand pump from the kitchen faucet and pour the remaining RV Antifreeze down all traps.
- 5.) Empty your holding tank and fresh water tanks
 - *Ice makers and water filters are not included in this process.*

Winterizing your RV with a Hot Water by-pass

➤ **Materials needed:**

1. RV Pump Converter Kit (winterizing)
 2. 2 Gallons RV Antifreeze (3 gal. if over 30')
- Install RV pump converter kit between the water tank and the pump (leave in line permanently).
 - Drain water heater. Leave valves in the summer position.
 - Hook-up air to city connection and make sure all faucets are closed inside.
 - Apply air to the system...blowing out the water heater.
 - Disconnect the air.
 - Open the cap on the converter kit and install the hose into the RV Antifreeze container.
 - Turn the pump on.
 - Turn the faucets on one at a time...starting with the one furthest away from the pump. Leave them open until the antifreeze is visible. Do the same with the toilet and outside shower.
 - When all of the outlets are showing RV Antifreeze, shut-off the pump. Place the cap back on the winterizer converter kit.
 - Take remaining RV Antifreeze and pour down all traps. Noting to empty holding tanks and fresh water tanks.
 - Place by-pass valves back in the proper position.