

# Winterization Tips for HBE

***Your HBE has been winterized prior to shipping from factory.***

***No matter what time of year it ships***

**To Winterize your HBE , you will need the following items:**

- the factory supplied winterization tube/hose that comes with each camper
- keys to the fresh water fill cap
- block of wood
- plumbers antifreeze – typically sold in 4L or 1 gal jugs
- drain hose for galley sink or a 5 gal pail
- rags and/or paper towel
- Have read the aqua go manual and OEV manual for valve locations and other information

## **Directions to Winterize the camper:**

1. Remove seat cushion and access panel to gain access to the water valves
2. Attach the winterization tube/hose to 3-way brass valve by removing the hand tight brass cap and then turning the valve handle in line with this capped end of the valve
3. Bypass the Truma Aqua Go Water heater – using the brass bypass valve located behind the interior control panel (this will remain bypassed until water has been reintroduced in the spring, see next set of instructions - reintroducing water to the camper)
4. Remove sink discharge cap on the driver side exterior of camper, attach hose or have a bucket under outlet
5. Place opposite end of hose into **RV Plumbing Antifreeze** jug (this process typically takes 2L or 1/2 gal of antifreeze)
6. Start water pump
7. Open the cold water until pink antifreeze appears, then switch to hot until pink antifreeze appears, then close (ensure this valve is left in the **DOWN POSITION** to avoid opening during travel)
8. Go to the outside shower and connect the outside shower spigot and cycle both hot and cold separately until antifreeze appears, then disconnect hose
9. Shut off water pump

10. Remove winterization hose from antifreeze jug, then disconnect this hose and stow away in a zip lock bag, **put cap back on 3-way brass valve hand tight and leave it lined up to the capped end of the valve** (this will prevent back flow of antifreeze into the fresh water tank)
11. Drain water tank via orange handled ball valve, turn handle in line with the drain line, then leave in this open position
12. On the exterior side of the Truma Aqua Go:
  - a. Remove the filter by pulling down on the yellow drain trough and pulling out the filter assembly, then store filter in a zip lock bag
  - b. Allow water to drain, flip open the Pressure Relief Valve to allow all water to drain (you may want to park the vehicle on a few pieces of wood for the rear PS tire to create an offset to allow for complete drainage)
  - c. After water stops, put trough in upright position and close the Pressure Relief Valve
13. Wipe out sink to avoid staining due to the antifreeze
14. Replace cap on the external sink drain

## **Reintroducing water to the camper for use:**

1. Ensure that the aqua go is bypassed, *it should be from previous winterization process*
2. Ensure the winterization brass 3-way valve is still in line with the brass cap on the valve, *it should be from previous winterization process but if it isn't, there may be antifreeze in the water tank which is undesirable and should be flushed out – see flushing out water tank instructions*
3. Remove seat cushion and access panel to gain access to the water valves
4. Close the water tank orange handled ball valve – *it should have been left open from the winterization process*
5. Unlock and open fresh water cap located on the drivers side exterior
6. Fill tank to desired level using a potable white RV water hose or bottled water, at least 25% for this process
7. Remove sink drain cap on the exterior driver side, connect to it a hose or place a 5 gallon pale under to catch water/plumbers antifreeze or let it go wherever
8. Start water pump
9. Turn brass 3-way valve to line it up to the suction of the water pump – *it should be found lined up to the brass cap position from the previous winterization process*
10. Open the cold water faucet on the sink and let it run until the antifreeze clears or is no longer present, switch the faucet to hot and let it run until the antifreeze clears or is no longer present, switch to cold and then back to hot one or more times to ensure the antifreeze is no longer present in the lines then close faucet valve to the down position for travel
11. Retrieve the outside shower hose and connect it to the outside shower connection, select cold and ten hot until the antifreeze is no longer present, then disconnect once satisfied
12. Shut off water pump
13. With the antifreeze eliminated from the water system, you are now safe to realign the bypassed Truma aqua go valve to the appliance

14. Remove the exterior Truma aqua go cover and pull down the yellow trough to reinstall the water filter assembly
15. Close the pressure relief valve on the aqua go
16. Start pump
17. Open the galley sink hot water to ensure you have filled up the aqua go, it may spit/sputter until continuous flow is established, once satisfied, close faucet in the down position for travel
18. Turn off the water pump

### **Flushing the Fresh Water Tank:**

1. This done if the water tank has become contaminated with antifreeze or dirt/debris
2. Please ensure that the galley sink valve is always left in the down position and the pump is shut off for/in travel.
3. Remove seat cushion and access panel to gain access to the water valves
4. Check that the 3 way brass valve located between the fresh water tank and the water pump valve handle is lined up to the capped end of the valve
5. Drain the fresh water tank by turning the orange handled ball valve located adjacent to the fresh water tank to line up with the water line, this will allow the tank contents to drain, then leave in the open position until you are ready to use the tank
6. Close the orange handled valve tank drain valve
7. Remove the water fill cap
8. Fill with potable water
9. Open orange handled valve and allow to fully drain
10. Repeat steps 5- 8 until the tank is cleared of antifreeze and/or debris
11. Leave tank drain open when finished