

# ***Winterizing***

**2004**

**Safari**

**Zanzibar**

**Cheetah**

**Sahara**

**Trek**

The information printed here reflects product design, fabrication, and component parts at the date of printing. The manufacturer reserves the right, at any time, to make changes in product design or material or component specifications as its sole option, without notice. This includes the substitution of components of a different brand or trade name, which will result in comparable performance. All information printed in this document is subject to change after the date of printing. Due to product improvements, changes during the model year and/or transcription errors that may occur, information represented within the owner's manual and/or this document may not be accurate at the time of your purchase. Please confirm any information with your dealer.

The following information supersedes the information published in the 2004 Safari Owner's Manual Please utilize the information provided henceforth.

**©Monaco Coach Corporation. Safari Motor Coach. All rights reserved. All other trademarks or registered trademarks are property of their respective holders. Brand name products of other companies mentioned in this addendum are not endorsed by Monaco Coach Corporation.**

## WINTERIZATION

The water, plumbing and sewer systems will need to be winterized when the motorhome is placed in storage. Winterization is an easy process that only takes a few minutes if the proper equipment is used. Two basic methods may be used, or combined to winterize. The use of compressed air to evacuate all liquids, and replacing all liquids with FDA approved RV antifreeze.

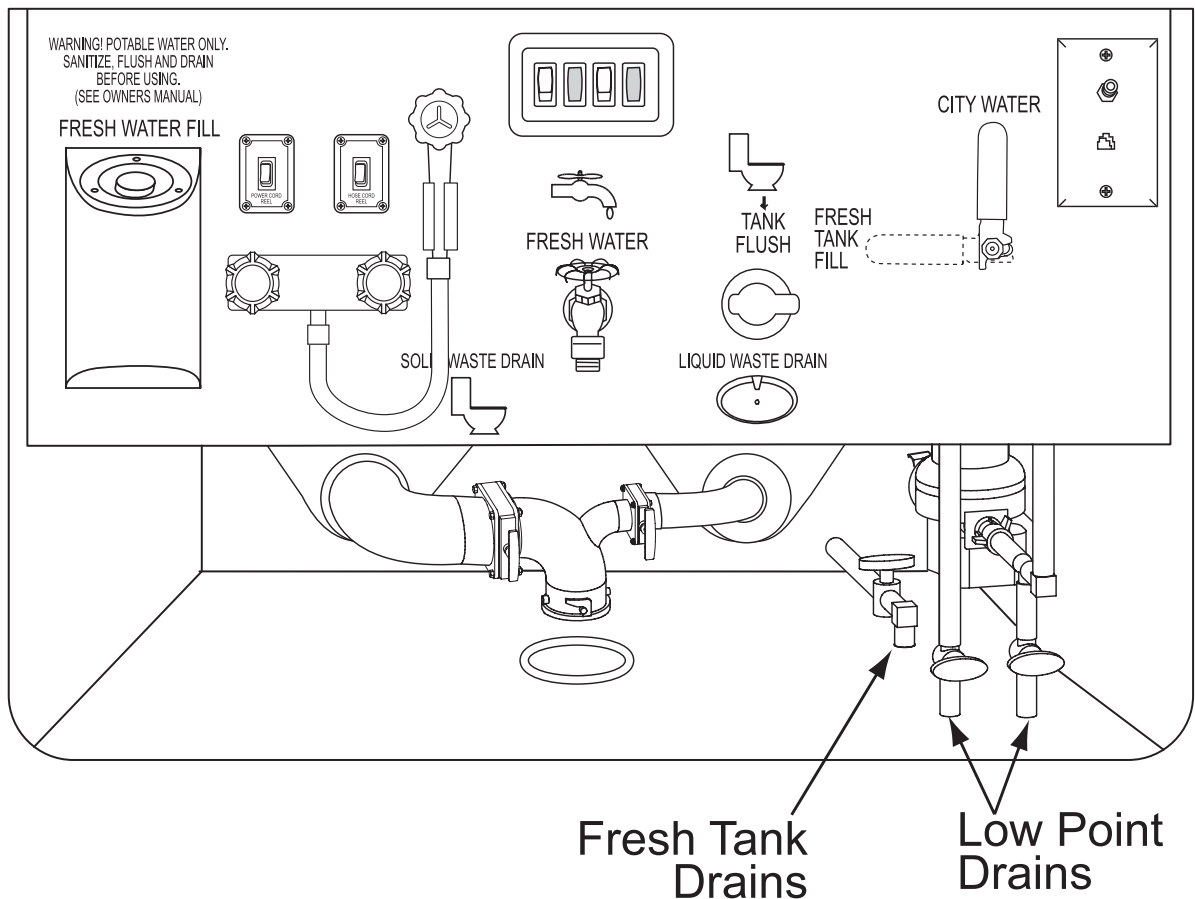
The recommended method of winterizing the motorhome is using air pressure to remove liquids that may freeze causing damage to the various systems and appliances. The lines can then be left empty or filled with an FDA approved RV antifreeze. Antifreeze is not necessary and the decision to use it is left to the customer.



**NOTE: Use only FDA approved RV antifreeze to winterize the water systems in the motorhome.**

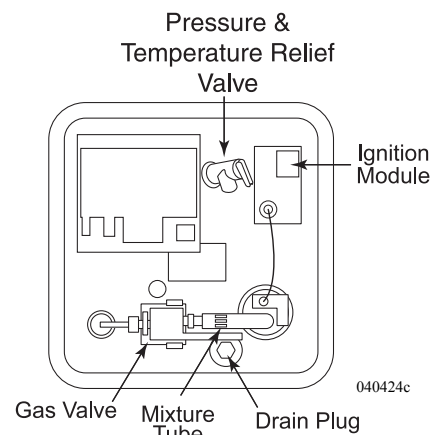
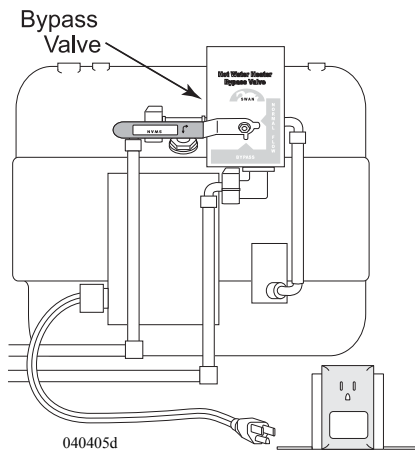
### Winterizing Using Air Pressure:

Access to an air compressor and an adapter to connect the air line with regulator to the water system will be needed. Air adapters for winterizing are available at RV supply locations. When attached to the water lines the pressure should not exceed 40 PSI. Higher pressure can damage the lines.

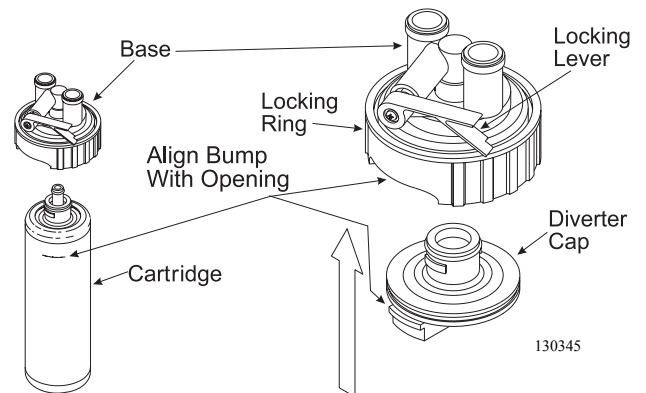


1. Empty and flush the holding tanks.
2. Drain the fresh water tank by opening the drain valve located inside the water service center of the motorhome.
3. Open all low-point drain valves. Let all the water drain.

- Drain the water heater by removing the drain plug. This will be located near the bottom, inside the access door on the outside of the motorhome. The tank will need to be vented to allow water to come out. This can be accomplished by opening the high temperature/pressure relief valve located near the top, inside the access door. Set the bypass valve to "bypass" position. When the water heater is empty replace the drain plug and close the relief valve.



- Locate water filter and drain by removing filter cartridge. Install Diverter Cap.
- Connect an air hose with regulator to the city/fresh water fill connection, with valve positioned for city water. Set regulator for 40 PSI and turn on air. (Air adapters for winterizing are available at RV supply locations.)
- When water stops coming out of the drain valves, open and close the faucets one at a time hot and cold, until only air comes out. Don't forget the toilet and any outside faucets.
- Hold the toilet flush mechanism open until the water has stopped running.
- Disconnect the air hose with adapter and turn the city/fresh water valve to the tank fill position.
- Close all valves, faucets and replace plugs.
- One (1) gallon of FDA approved RV antifreeze is needed to protect various water drain lines in the Motorhome. Pour 1 pint into both the kitchen and bath shower drains. Pour 2 pints into the bath sink drain. This will protect the P-traps, with some of the antifreeze going into gray tank to protect the drain valve. Open the valve on the toilet. Pour another 3 pints into the toilet, letting the antifreeze run into the black tank to protect the drain valve located there. Use a soft cloth to wipe out the sinks, shower and toilet (after the antifreeze is poured in) to protect the surfaces from stains. Pour the last pint into the washer/dryer drain.



**WARNING: When draining the low-point drain lines and the water heater ensure the water is not hot. Hot water from the lines can scald causing burn injuries.**

### **Winterize with Antifreeze:**

Ten gallons of FDA approved RV antifreeze will be required to winterize the Motorhome.

1. Empty and flush the holding tanks.
2. It is not necessary to blow out the lines with air. Close valve located between water pump and fresh water tank.
3. Remove the drain plug from the front of the water heater. At the back of the water heater, turn the water heater by-pass valve to By-pass. Open the "high temperature/pressure valve" located near the top of the compartment.
4. Locate water filter and drain by removing filter cartridge and installing Diverter Cap.
5. Close all faucets, drain valves and low point drains.
  - a. If you have a pump for winterizing, (available at RV supply locations) attach the "out" side to the pump to the water pump line past the water pump, or winterizing connection if so equipped. The "in" side of the winterizing pump should have a hose attached and placed into the antifreeze source.
  - b. The motorhome's water pump can be used for this procedure also, by connecting the threaded end of the "siphon hose" (included with motorhome) to the city/fresh water fill, and the other end into RV antifreeze source. The City/Fresh Water Fill Valve must be in Tank Fill position.
  - c. The gravity fill can be utilized to introduce approximately 8 to 10 gallons of FDA approved RV anti-freeze into the fresh water tank.



**NOTE: The valve between water pump and fresh water tank must be in the open position for this method.**

6. Turn on the pump.
7. Turn on all the faucets, one at a time, hot and cold starting with the faucet farthest from the pump until antifreeze appears then turn it off. Be sure to do hot and cold. Don't forget the toilet in its turn as well as any outside faucets.
8. Use a soft cloth to wipe out the sinks and shower to protect surfaces from antifreeze stains.
9. Remove power wires to pump.



**WARNING: Use only specifically designed, non-toxic, FDA Approved RV antifreeze for potable water systems. NEVER use Automobile engine antifreeze. If ingested, anti-freeze can cause serious injury or death.**



**WARNING: It is recommended that a qualified RV service technician familiar with motorhomes, such as an authorized dealer, perform the winterizing procedure.**



**NOTE: Some items such as icemakers, washer/dryers and dishwashers require special instructions, which can be found in the owners manuals supplied with the motorhome.**



**NOTE: Clean up any spilled antifreeze immediately. It can stain permanently.**



**NOTE: If the motorhome is equipped with a hose reel, it may be necessary to bypass the hose when introducing the FDA Approved RV Anti-freeze using the "siphon hose" method.**



**CAUTION: Turn off water heater and let it cool before starting any winterizing procedure. Hot water can scald resulting in burn injuries.**

To de-winterize: drain and fill the fresh tank with water. Connect the power supply line for the water pump. Install drain plug to water heater and switch by-pass valve to Normal Flow. Operate all faucets, one at a time, until clear water is present.



**CAUTION: Discard the first two trays of ice from the icemaker. They may contain contaminants.**



**Safari Motor Coach**  
91320 Coburg Industrial Way  
Coburg, OR 97408  
800-634-0855  
[www.safarimotorcoaches.com](http://www.safarimotorcoaches.com)

**Warranty/Technical Support**  
Toll Free 877-466-6226