

# Addendum

## Winterizing

### Using Non-Toxic Antifreeze

#### 2008 Diplomat® & Knight®



**M O N A C O**

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 in the 2008 Diplomat® & Knight® Owner's Manual's, Section 6 - Water Systems. Please utilize the information provided henceforth.

©Monaco Coach Corporation. All rights reserved. Diplomat®, Knight® and Monaco Coach® are registered trademarks of Monaco Coach Corporation. 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.

The following information supersedes the information in **Section 6 – Water Systems** of the 2008 Diplomat® and Knight®.

### ***Using Non-Toxic Antifreeze***

Approximately five to eight gallons of FDA approved antifreeze will be required to winterize the motorhome.

#### **WARNING**

**It is recommended that a qualified RV service technician familiar with motorhomes, such as an authorized dealer, do this procedure.**

#### **WARNING**

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

#### **NOTE**

**Freeze damage is not covered under warranty.**

1. Empty and flush the holding tanks.
2. Disconnect the water line connections on either side of the water filter bowl head. Connect the bypass hose to the water lines. Unscrew filter bowl, remove old cartridge and empty any remaining water in the bowl. DO NOT screw filter bowl back onto filter head (see “Water Filter.”).
3. Drain the fresh water tank by opening the fresh water tank drain valve.
4. Open fresh water tank low point drain valve, winterization valve, low-point drain valves, water pump shut-off valve and allow water to drain.
5. If equipped, open secondary ice maker drain valve.

#### **CAUTION**

**Some appliances such as washer/dryer and ice maker require special winterizing instructions not covered in this section. Refer to the specific appliance OEM manual for instructions and recommendations.**

6. Turn the water pump on for 30 - 60 seconds and allow it to run so all water is cleared out of the pump and fresh water tank. Turn the pump off.
7. Open the water heater exterior access panel. Open the high temperature/pressure relief valve to vent water heater. Remove water heater drain plug to allow water heater to drain.

#### **WARNING**

**Before opening the high temperature/pressure relief valve and water heater drain plug, turn off power to the water heater and allow it to cool. Hot water can result in burn injuries.**

8. After the water is drained place water heater bypass valve to BYPASS position.
9. Replace the water heater drain plug and close the pressure relief valve.
10. Close all faucets.
11. Close fresh water tank low point drain valve, hot and cold water low-point drain valves, fresh water tank drain valve, and water pump shut-off valve.
12. Open winterization valve.
13. If equipped, open secondary ice maker drain valve.

### **CAUTION**

**Ensure the fresh water tank is completely drained. Antifreeze will not enter the fresh water tank.**

14. Connect a hose to the Winterization connection and place the other end into the container of antifreeze.
15. Turn ON the water pump.
16. Open all faucets, one at a time, hot and cold starting with the faucet farthest from the pump. Turn faucet off when a small amount of antifreeze appears.
17. Hold the toilet flush mechanism open (flush toilet) until antifreeze appears.
18. Use a soft cloth to wipe out the sinks and shower to protect surface from antifreeze stains.
19. Exterior faucet and shower should be opened and closed using the same procedures as the interior faucets.
20. Turn water pump off.
21. Disconnect the power supply line affecting water pump operation.

### **WARNING**

**When draining the low water drain lines and the water heater be sure the water is not hot. Hot water from the lines can burn or injure skin.**

### **NOTE**

**Clean up antifreeze spills immediately to prevent permanent staining.**

### ***De-winterization***

1. Drain the fresh tank.
2. Close fresh water tank low point drain valve, hot and cold water low-point drain valves, fresh water tank drain valve, and winterization valve.
3. Open water pump shut-off valve.
3. Fill the fresh tank with water.
4. Connect the power supply line for the water pump.
5. Turn water pump on and operate all faucets, one at a time, until clear water is present.
6. If applicable, cycle ice maker several times until fresh water is present and reconnect valve outlet line.
7. Install new water filter cartridge.
8. Disconnect bypass hose on water filter and reconnect water lines to filter bowl head.

### **CAUTION**

**The first two trays of ice from the icemaker may contain contaminants. Discard and replenish the icemaker as needed.**



**MONACO®**

**Monaco Coach Corporation**

91320 Coburg Industrial Way

Coburg, OR 97408

800-634-0855

[www.monacocoach.com](http://www.monacocoach.com)

Warranty/Technical Support

Toll Free 877-466-6226