

The following document for:

UNIVERSAL DOCKING CENTER

Pertains to the following brands:

- Landmark
- Bighorn
- Big Country
- Cyclone
- Road Warrior

This document is effective for product manufactured in the 3rd quarter of 2011 and forward.



UNIVERSAL DOCKING CENTER OPERATION INSTRUCTIONS

SELECTOR VALVE OPERATION:

Normal (Dry camping): Pumping from on-board tank with the on-board pump.

City: Diverting water pressure from a hose connected to the inlet backflow preventer to the fixtures in the RV.

Tank Fill: Diverting water pressure from a hose to the on-board fresh water holding tank.

Sanitize/Winterize: drawing water, sanitizer, or RV grade winterizer from a container through a hose connected to the inlet backflow preventer using the on-board pump and diverting this flow to the fixtures.

WATER HEATER BY-PASS OPERATION:

For normal water heater operation, the by-pass valve (#1) should be in the "Normal Flow" or "Side" position.

To by-pass the water heater, turn the by-pass valve (#1) to the "By-Pass" or "Up" position.

TO WINTERIZE THE COACH:

1. Turn the by-pass valve (#1) to the "By-Pass" or "UP" position.
2. Turn the selector valve (#2) to the "Sanitize/Winterize" position.
3. Drain the water heater by first opening the pressure relief valve, and then remove the anode rod. Allow the water heater to drain completely.
4. Drain the potable water tank by opening the tank drain valve, and leave in the open position.
5. Place a hose into a container of **NON-TOXIC** anti-freeze, then connected to the inlet backflow preventer using the on-board pump and diverting this flow to the fixtures.
6. Turn the pump on, anti-freeze will now be drawn from the container instead of the potable water tank.
7. Open each faucet individually, (both hot and cold) until anti-freeze is visibly flowing, and then close. Repeat this operation at each fixture including the toilet, the low point drains, and the outside shower if so equipped. It is important to monitor the anti-freeze level in the container during this step to prevent air from being introduced into the system.
8. After winterizing each fixture turn the pump off, remove the anti-freeze inlet hose from the container,

FLUSHING THE BLACK WATER HOLDING TANK:

1. Connect the sewer hose to the termination point, and place the other end into the dump station inlet.
2. Open the black water tank gate valve. (#4)
3. Connect a standard garden hose to the tank flush inlet (#3). **Important! DO NOT** turn the water on until you have verified that all connections have been properly made.
4. After verifying that all connections have been properly made, turn the water on, and allow the tank to be flushed until you are satisfied that the tank has been thoroughly rinsed.
5. Turn the water off, remove the garden hose from the tank flush inlet (#3), close the gate valve, and remove the sewer hose.

