

There are two methods of winterizing your Prime Time RV – the compressed air method and the RV antifreeze method. We will talk about both.

For the Compressed Air Method, you will need a special adapter that connects your air compressor to your Prime Time RV water lines. You will also need approximately 2 gallons of approved RV, non-toxic anti freeze. Do not use automotive style anti freeze. Automotive anti freeze is poisonous and not for use in potable water systems. Both of these items are available at your local Prime Time dealer.

If your RV has a black tank flush, connect the adapter to the black tank flush inlet and use the compressor to blow out any water in the black tank flush water line. It's very important to not exceed 30 PSI of air pressure during this procedure.

Next, you need to start draining the water:

- Open the valves or remove the drain cap on the low point drains and the fresh water tank to allow them to drain.
- Turn on all faucets both hot and cold inside your unit. Leave them in the ON position.
- Turn on both the hot and cold at your outside shower if equipped. Leave them in the ON position.

Verify that the Water Heater is turned OFF in both gas and electric modes.

Remove the drain plug on the water heater and open the pressure relief valve to let air enter the tank and allowing it to drain.

Empty all waste water holding tanks into an approved waste water dumping station.

Turn the water heater bypass valve to the bypass position so the compressed air is not diverted into the water heater. The bypass valve is positioned directly behind the water heater in all models. Typically, the water heater is under a kitchen cabinet or a bunk bed on a Prime Time travel trailer. Often you will have to remove an access panel to reach the water heater bypass valve. With most Prime Time fifth wheels, the water heater is located in the pass-thru storage area and will require the removal of the mid-deck riser panel to access the bypass valve.

After all of the water is drained from the fresh water tank, turn on the water pump for 30 seconds to clear out any water in the suction line and water pump.

Using the adapter, connect the adapter hose to the city water fill connection and blow compressed air into the plumbing system. It's very important to not exceed 30 PSI of air pressure during this procedure. Allow the compressed air to blow out the system until no water can be seen coming out the faucets and low point drain lines. Hold open the toilet valve until the water has cleared from the toilet supply line. Hold open

the diverter valve to clear the water from the shower hose and head. Don't forget to check that the outside shower lines have cleared if equipped.

Pour about 1 cup of RV anti-freeze into all of your drains and p-traps. In the toilet, pour 1 quart into the black tank and then leave a small amount in the bowl to maintain the air seal.

If your unit is prepped for a washer/dryer hook-up, be sure to blow out your water lines and pour 1 cup of anti-freeze down the drain tube.

Once the water has been removed from the water lines, water tank, and water heater, make sure to close the drain valves or reapply the drain caps and plugs. This will prevent insects from getting into your plumbing system.

Congratulations! You have winterized your Prime Time RV with the compressed air method.

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For the RV anti-freeze method, you will need up to 6 gallons of RV approved non-toxic anti freeze.

If your RV has a black tank flush, use an air compressor to blow out any water in the black tank flush water line. It's very important to not exceed 30 PSI of air pressure during this procedure. As an alternative, you can purchase a small hand pump from your local RV dealer to manually pump anti-freeze into the black tank flush inlet. Each floorplan will vary but pumping in 1 quart of anti freeze into the black tank flush inlet will suffice.

Next, you need to start draining the water:

- Open the valves or remove the drain cap on the low point drains and the fresh water tank to allow them to drain.
- Turn on all faucets both hot and cold inside your unit. Leave them in the ON position.
- Turn on both the hot and cold at your outside shower if equipped. Leave them in the ON position.

Verify that the Water Heater is turned off in both gas and electric modes.

Remove the drain plug on the water heater and open the pressure relief valve to let air enter the tank and allowing it to drain.

Empty all waste water holding tanks into an approved waste water dumping station.

Turn the water heater bypass valve to the bypass position so the anti freeze is not diverted into the water heater. The bypass valve is positioned directly behind the water heater in all models. Typically, the water heater is under a kitchen cabinet or a bunk bed on a Prime Time travel trailer. Often you will have to remove an access panel to reach the water heater bypass valve. With most Prime Time fifth wheels, the water heater is located in the pass-thru storage area and will require the removal of the mid-deck riser panel to access the bypass valve.

After all of the water is drained from the fresh water tank, turn on the water pump for 30 seconds to clear out any water in the suction line and water pump.

Make sure all of the water has drained from the low point drains and close the low point drain valves or reinstall the drain caps.

At this point, it's important to close all faucets including the outside shower.

All Prime Time RVs are equipped with a water pump bypass which consists of a siphon hose and two bypass valves located on the supply side of the water pump. Locate the loose end of the siphon hose and place it in the jug of anti-freeze. Turn the bypass valve handle on the siphon hose so that it is in line with the siphon hose. Turn the bypass valve handle on the supply line so that it is perpendicular to the water line.

Turn on your water pump switch and open the cold water side of your faucets one at a time until anti-freeze comes out. Once anti freeze comes out, immediately close the valve. Then repeat for the hot water side. Hold open the diverter valve to allow anti-freeze to flow into the shower lines and head, then close. Don't forget to do the same for the outside shower. Flush the toilet until anti-freeze appears in the bowl thru the water supply line. Allow 1 quart to flow into the black tank and then leave a small amount in the bowl to maintain the air seal.

Pour about 1 cup of RV anti-freeze into all of your drains and p-traps.

If your unit is prepped for a washer/dryer hook-up, be sure to run your faucets until anti-freeze appears and pour 1 cup of anti-freeze down the drain tube.

Make sure to close the drain valves or reapply the drain caps and plugs on your water heater and fresh water tank. This will prevent insects from getting into your water system.

You have now winterized your Prime Time RV with the Anti Freeze Method.