

Satellite Suites™

WINTERIZING



As temperatures fall below freezing your Satellite Suites trailer will need to be winterized, unless it is in operation and equipped with the Arctic Package (see accessories). All water must be removed from the trailer or be treated with RV Antifreeze (propylene glycol). RV Antifreeze is environmentally safe and therefore the only antifreeze recommended for winterizing the trailer.

Failing to follow the winterization process instructions below will likely result in costly repairs to the trailer.

There are two methods to winterize your trailer. One method is to use compressed air and a minimal amount of RV Antifreeze. The other method is to pump RV Antifreeze throughout your entire water/plumbing system.

Winterizing with Compressed Air – To use this method you will need an air compressor and air hose with a $\frac{3}{4}$ inch treaded hose fitting at the end to connect to the water intake valve on the trailer. If your air hose does not have a $\frac{3}{4}$ inch threaded fitting on the end, remove one from the end of a garden hose and attach it with a hose clamp. An operator should run a small amount of RV antifreeze through his pump(s), since even running dry still leaves some water inside the plumbing and tanks. To begin winterizing your trailer, drain the trailer's fresh water tank, water heater and water pump. There is a drain on both the fresh water tank and water heater. **NOTE: Some trailers do not have water heaters and therefore, do not need servicing.** Next, run the water pump until it is dry but stop immediately after. The system is now ready to be cleared using compressed air. Start by connecting the air compressor to the water intake valve on the side of your trailer.

Next, open the Fill Valve on the freshwater tank. Turn on the compressed air and clear the line. Close the Fill Valve when finished. Next, open the City Fill Valve and turn on the compressed air. With the compressed air on, begin opening each of the toilet and water fixtures in the trailer, beginning with the one furthest away from the air supply and working back towards the air source. Flush each toilet and urinal until there is only air escaping. Turn off the air compressor when toilets and urinals are clear. Next, make sure the ball valve on the toilet is closed and add a few ounces of RV Antifreeze. For the urinals, pour in 16 ounces of RV Antifreeze in each urinal.

The trailer's water system is now clear and ready for storage.

Winterizing using RV Antifreeze – To winterize using this method you will need an on-board water pump or external 12 volt pump along with a clear antifreeze supply hose. For trailers with a water heater, use the water heater drain and empty the unit. Now, open the bypass valve. This prevents antifreeze from flowing into the water heater.

The next step is to use the clear hose and connect it to the intake of the water pump. Once complete, put the end of the clear hose into a gallon of RV Antifreeze. Turn on the pump to begin pumping antifreeze into the system.

Starting at the fixture furthest from the water pump, open the fixture and run until only pure antifreeze is visible. Do this for each toilet, sink and urinal.

Also, if you are using an on-board pump to distribute the antifreeze, be sure to open the City Fill Valve and External Shut-Off Valve at the City Water Connection. Run until pure antifreeze is visible.