

Winterization Instructions

This system must be winterized to ensure that it does not freeze up at low ambient temperatures. If the system does freeze, it will ruin the system and make it inoperable. It is the owners responsibility to ensure that it is properly drained and stored in a manner that will prevent it from freezing. We recommend that if the outside air temperature is below 40 degrees Fahrenheit, the system should be winterized.

It is very simple to winterize the unit. After the winterization process has been completed, the initial startup instructions should be used to restart the system. If you do not follow the proper procedure to refill the system, you will have air in the system and it will not operate correctly and you will have a lack of performance due to air in the system.

Steps for winterization

1. Shut off water supply
2. Turn off power to the condenser
3. Shut all valves on the top of the tank and on the side of the tank.
4. Disconnect all hoses, the two 1" hoses and the two water hoses connected to the top of the tank
5. Open the tank drain at the bottom of the tank, with a straight screwdriver to turn the handle
6. After the tank has started draining, open the valve with the "red" ring around it on the top of the tank to allow the tank to drain faster.
7. Allow the tank to drain completely out of the tank drain valve. Leave this valve open while storing the tank during low ambient conditions to ensure that there is no pressure build up or any residual water left in the tank.
8. Lift the two black hoses by the middle section of the hose and lift over your head. This will allow all of the water to drain out of the hoses. Wrap the hoses up and store on top of the tank so that they will be available when you restart the system.
9. The condenser is the most important part of the winterization process. By disconnecting the hoses and shutting off the power, you have drained 90% of the water out of the unit. It is very important to get the rest of the water out of the condenser.
10. Use an Air compressor with a blow nozzle on the end of it and stick it in the upper 1" quick connect on the side of the condenser. Use an old rag to help seal up the space around the air nozzle and the inside of the 1" quick connects. Blow air into the heat exchanger. Do not exceed 100 psi of air. This will blow the residual water out of the condenser. Continue blowing air until all of the water is out of the condenser.
11. We recommend disconnecting the power from the disconnect and moving the condenser to a storage facility area that does not freeze. This will help ensure that the system will be protected from freezing while not in use.
12. If you have any questions on how to winterize your system, do not hesitate to call technical service at (660) 288-2202.