

# Installation Instructions

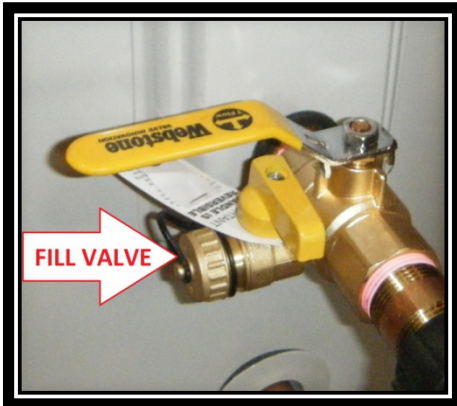
1. Ensure that all parts have arrived together. If any of the parts are missing, call (660) 288-2202 to have the missing parts shipped directly to you.
  - a. Storage Tank
  - b. Condenser Unit
  - c. 2 black 1" Hoses with quick Connects
  - d. Literature Packet
2. Set Storage Tank on a firm, level surface near the area of use, preferably inside the wash rack area.
3. Set the condenser on a firm, level surface within 10' of the Storage Tank on the exterior of the building.
4. Connect 1" hoses to the tank and the condenser. One hose is the supply water, the other is the return water. The supply hose connects to the condenser on the top port and to the lower port on the Tank. The return hose connects to the lower port on the condenser and to the upper port on the storage tank.



5. Have a certified electrician connect the condenser to a electrical disconnect so it can be switched or turned off when not in use.
6. Turn the 1" "Return" valve on the storage tank to the "open" position. The valve handle will be "inline" with the hose in the open position, and will be at a right angle to the hose in the "closed" position. Leave the 1" "Supply" valve in the "closed" position at this time.
7. Open the  $\frac{3}{4}$ " valve on the top of the tank that has the red ring around it. Do not connect a hose to this port at this time. This is to vent the air out of the tank while filling it. You will want to make sure that it is not directed towards a person or personal property that cannot get wet



8. Connect the supply water hose from your hydrant to the fill valve on the bottom 1" outlet on the tank. This is a specialty valve that is used for filling operations only.



9. Turn the fill valve on and let the storage tank fill. The purpose for filling in this manner is that the water is entering the system at the lower 1" valve, flowing out and through the condenser, and returning to the tank via the top 1" hose. This is to ensure that 100% of the air is removed from the condenser.
10. When tank is full, water will come out of the valve on the top of the tank that was opened in step 7. When water starts to come out of this valve, shut it off. After valve is shut, connect the 5/8" water hose that is used to rinse (preferably 25' long or less). Turn the valve back on and ensure that all of the air is out of the tank by spraying water out of the rinse hose for 3 to 5 minutes.
11. When tank is full, shut of the 3/4" fill valve at the bottom of the tank and disconnect the water hose that you used to fill the system. Attach this water hose to the top of the tank to the valve with a "blue" ring around it.



12. Turn on the two 3/4" valves on top of the storage tank (red and blue), and the two 1" valves on the side of the storage tank (return and supply). The valve handles will be in the open position, which means that the valve handles will point in the same direction as the hoses or the flow of the water.
13. Double check to ensure that all valves are open except the fill valve. Also ensure that 100% of the air is vented from the tank by spraying water out of the "rinse" hose.
14. Turn power on to the condenser.
15. The system will turn on and start cooling on its own. Wait approximately 15-20 minutes for tank to completely cool on initial start-up.
16. Once condenser cycles off, it is ready for use. Use your spray hose as usual. The system will automatically cycle on and off to maintain the water temperature.
17. When you are finished using the system, shut the power off.