

Tankless Flush Kit Flushing Instructions

For Use With Paloma, Rheem, Richmond and Ruud Tankless Water Heaters

This kit is designed to flush a tankless water heater for mineral scale build-up using virgin food grade white vinegar. Do not use any other flushing solution.

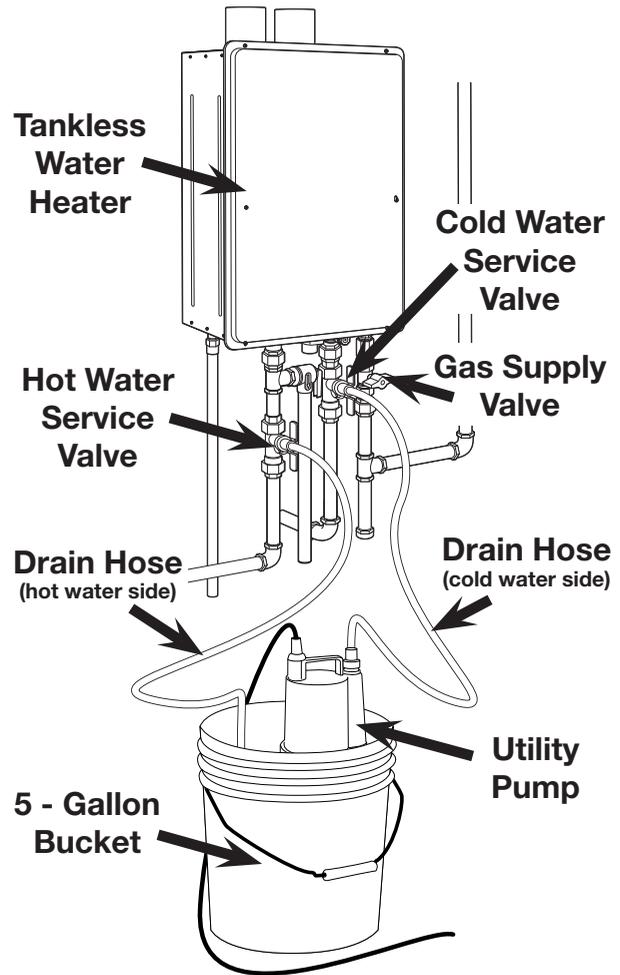
These instructions assume that a set of isolation or service valves have previously been installed at the water heater. If there are no service valves present, then a plumbing professional should be consulted.

This kit includes:
(1) 5 gallon bucket
(1) Utility Pump
(2) Hoses
These Instructions

You will need:
2 gallons, white virgin vinegar

Section 1 - Steps to flushing the tankless

1. The entire process can take up to an hour or more to complete.
2. Turn OFF the gas and both the hot and cold water supply to the tankless water heater. The gas must remain OFF during the flushing process.
3. To properly flush the heater the electronic bypass valve inside the heater must be closed. Follow these steps to do this: At the remote control, turn OFF the power and wait 10 seconds. Turn ON the power at the remote control, wait 10 seconds, and disconnect the water heater from the electrical source.
4. Leaving the water OFF to the heater, connect the two drain hoses, (provided with this kit), to the hose connections on the service valves under the tankless water heater.
5. Place the loose ends of the hose into a 5 gallon bucket.
6. Open the service port valve on each side, (hot and cold valves), to allow the heater to drain. Connect the hose for the cold water side to the outlet of the utility pump and place the pump on the bottom of the bucket.
7. Pour two gallons of vinegar into the bucket, and plug the pump into an electrical source.
8. Allow the pump to circulate the vinegar for 45 to 60 minutes. Depending upon the mineral build up and hardness of the water some regions may require a longer circulation time.
9. After completing the circulation time, disconnect the power to the pump and loosen the hose from the pump. Allow the vinegar from the heater to drain from the heater into the bucket.
10. Close the service port on the cold water side and disconnect the hose from the cold side service valve.
11. Remove the hot water side drain hose from the bucket and route it to a suitable drain, use a second bucket if needed.
12. Follow the instructions in the Use and Care Manual, (supplied with the heater), to clean the cold water inlet filter.
13. ONLY turn ON the cold water supply to the heater, NOTE: DO NOT TURN ON THE HOT WATER SUPPLY TO THE SYSTEM AS VINEGAR IS STILL IN THE HEATER. Water will begin to flow through the heater, this will rinse out any remaining vinegar from the water heater. Allow the water to run for about 5 minutes to thoroughly out the vinegar.
14. After 5 minutes, close the hot water service port and disconnect the drain hose from the hot water side service valve.
15. Open a hot water fixture, such as a tub, and turn ON the hot water supply to the system. Allow the water to flow for a minute to ensure no air remains in the system, then turn OFF the fixture.
16. Reconnect power to the water heater and turn ON the gas supply. At the remote control turn on the power to the heater.
17. Run a couple of hot water fixtures to ensure the heater is operating properly.



AP14429-2 (07/12)