



OPERATION INSTRUCTIONS

For Tankless water heater valve kit

1. Inspection and Maintenance

a. See tag attached to pressure relief valve for details.

WARNING: Hot water may be present in the system, use extreme caution when servicing tankless water heater. Hot water can cause personal injury, death and/or property damage.

2. Drain/Flush Operation

Note: The following are suggested instructions for the use of the service valves during draining and flushing of the tankless water heater. Please refer to the water heater owner's manual for specific instructions.

a. Disconnect the power supply to the water heater.

b. Close the main water valve handles on the cold water valve (blue handle) and the hot water valve (red handle) by rotating each until they are perpendicular with the respective valve body. This shuts off the incoming cold water to the water heater and isolates the water heater from the hot water piping within the rest of the home.

c. The purge valve on the cold water valve (blue) is used as the flushing inlet and the purge valve on the hot water valve (red) is used for the flushing outlet or drain. Ensure that the purge port is closed (perpendicular to the purge port valve body) before removing the purge port valve cap.

d. Slowly open the drain caps on each purge port valve. Ensure that the rubber washer stays in the cap.

e. Continue with the manufacturer's recommendations for attachment of the lines and for specific draining and flushing instructions. To open the purge port valves, the slots are rotated so that they are parallel to the purge port valve body.

f. When flushing is complete and before the lines are removed, ensure that the purge port valves are closed.

Remove the lines and reinstall the purge port valve caps, ensuring that the rubber washer is in the cap, and tighten.

3. Diagnostic & Testing

Note: Diagnostic and testing of the water heater can be performed using the purge port on the hot water valve. Diagnostic testing such as flow rate, firing rate and temperature testing can also be performed. Please refer to the water heater owner's manual for the manufacturer's

specific testing instructions and specifications. All testing must be done in accordance with manufacturers'

recommendations. Purge port valve flow rate data is provided in the graph below. Refer to this data during diagnostic testing of the tankless water heater.

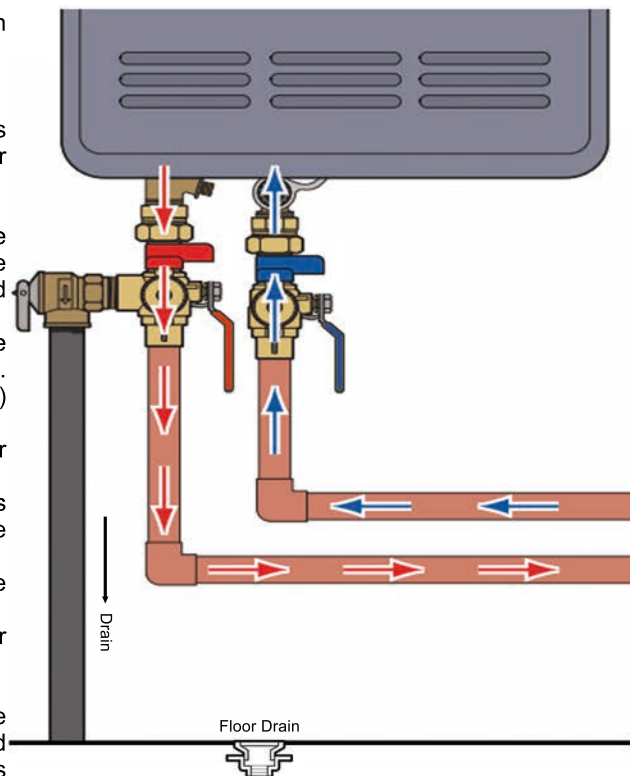
a. Close the main water valve handle on the hot water valve (red handle) by rotating until it is perpendicular with the valve body. Ensure that the hot valve purge port is closed (perpendicular to the purge port valve body) before removing the purge port cap.

b. Slowly open the hot valve purge port cap. Ensure that the rubber washer stays in the cap. Attach the drain line and confirm that line is run to a safe and acceptable area for discharge of hot water.

c. Continue with the manufacturer's recommendations for diagnostics and testing.

d. When testing is complete and before the drain line is removed, ensure that the hot valve purge port valve is

closed (the tee handle should be perpendicular to the purge port valve body). Remove the drain line and reinstall the purge port valve cap, ensuring that the rubber washer is in the cap, and tighten.



ATTENTION INSTALLER: After installation, please leave this Instruction Sheet for occupant's information.
IMPORTANT: Inquire with governing authorities for local installation requirements.

WARNING

For valves with CPVC or PEX end connections do not exceed the tubing manufacturers pressure and temperature ratings. Refer to the tubing manufacturers product specifications for that information.

Limited Warranty: HYDRO MASTER SUPPLY warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

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