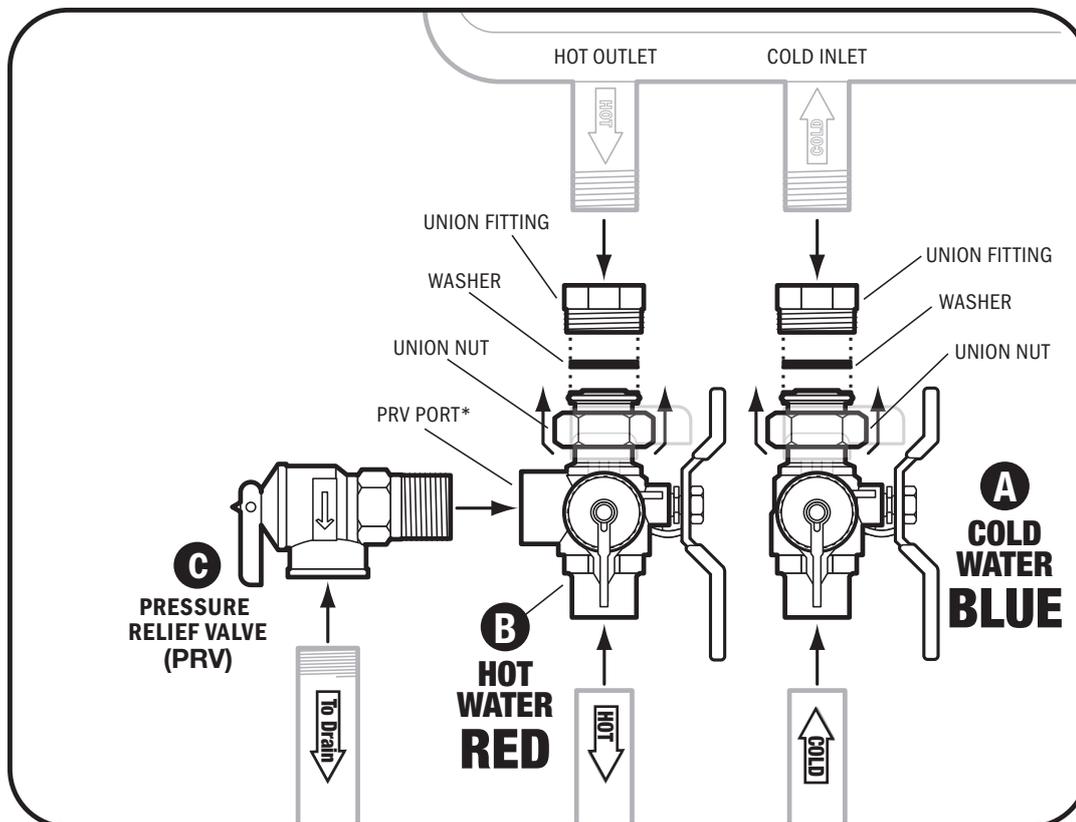


Tankless Water Heater Service Valve Kit

(Includes: Hot Service Valve, Cold Service Valve, and Pressure Relief Valve)



INSTALLATION - refer to drawing above

1. Apply PTFE tape or sealant to any threaded pipe connections.
2. For installations with Pressure Relief Valve:
Thread Pressure Relief Valve **C** into the Hot Valve **B** PRV port
3. Loosen Union Nut on Hot Valve **B** and connect union fitting to heating appliance hot outlet. If nut is removed, carefully reassemble as shown. Ensure washer or o-ring is positioned correctly and undamaged.
4. Position Hot Valve **B** as desired. Tighten union nut using approximately 15 ft/lbs of torque.
5. Repeat steps 4 for the Cold Valve **A**, connecting to heating appliance cold inlet.
6. Connect Cold Valve **A** to cold water supply.
7. Connect Hot Valve **B** to hot water piping.
8. Ensure that both drain valve lever handles are in the closed position (perpendicular to the drain portion of the body).

It is recommended that the PRV is manually operated once a year. In doing so, it will be necessary to take precautions with regard to the discharge of potentially scalding hot water under pressure. Ensure discharge has place to flow. Contact with your body or other property may cause damage or harm.

Instructions for servicing your water heater

IMPORTANT: Check with the manufacture of your heating appliance for specific guidelines and maintenance requirements for the installed tankless water heater.

CLEANING AND FLUSHING

Pump, hoses, pail, and cleaning solution not included.

1. Power down the unit, then close the fuel source isolation valve.
2. Close the Cold **A** and Hot **B** main water valves.
3. Ensure the Cold **A** and Hot **B** drain valve handles are closed (handles perpendicular to the drain spout). Slowly remove the drain caps. Retain washer.
4. Connect the pump outlet hose to the Cold **A** drain.
5. Connect a drain hose to the Hot **B** drain.
6. Pour 3 to 5 gallons of flushing/de-scaling solution into a pail (virgin food grade white vinegar or citric acid recommended).
7. Place the pump/pump inlet hose and Hot **B** drain outlet hose into the pail.
8. Open Cold **A** and Hot **B** drain valves.
9. Turn on the pump. Allow the solution to circulate for 60 to 90 minutes, depending on the amount of scale in the appliance. for heavy scale level it is possible to circulate up to 4 hours
10. Turn off the pump. Close the Cold **A** drain valve.
11. Remove the hose from the Cold **A** drain. Replace cap & washer securely onto the drain valve outlet.
12. Dispose of the cleansing solution safely and properly and replace it with cold water for flushing the appliance.
13. Put the Hot **B** drain hose end back into the empty pail or place in drain. Open the Cold **A** main water valve. Flush with at least 20 gallons. You will have to empty the pail several times.
14. Close the Cold **A** main water valve and clean unit in-line filter, if required.
15. Close the Hot **B** drain valve, remove the drain hose. Replace cap and washer securely onto the drain valve outlet.
16. Ensure that both the Cold **A** & Hot **B** drain valve handles are CLOSED.
17. Open the Cold **A** and Hot **B** main water valves.
18. Open any warm water tap and let water run for 30 seconds to make sure the unit is full with water, then restore power to the tankless water heater. Restart the unit per the power up guidelines of the manufacturer.

