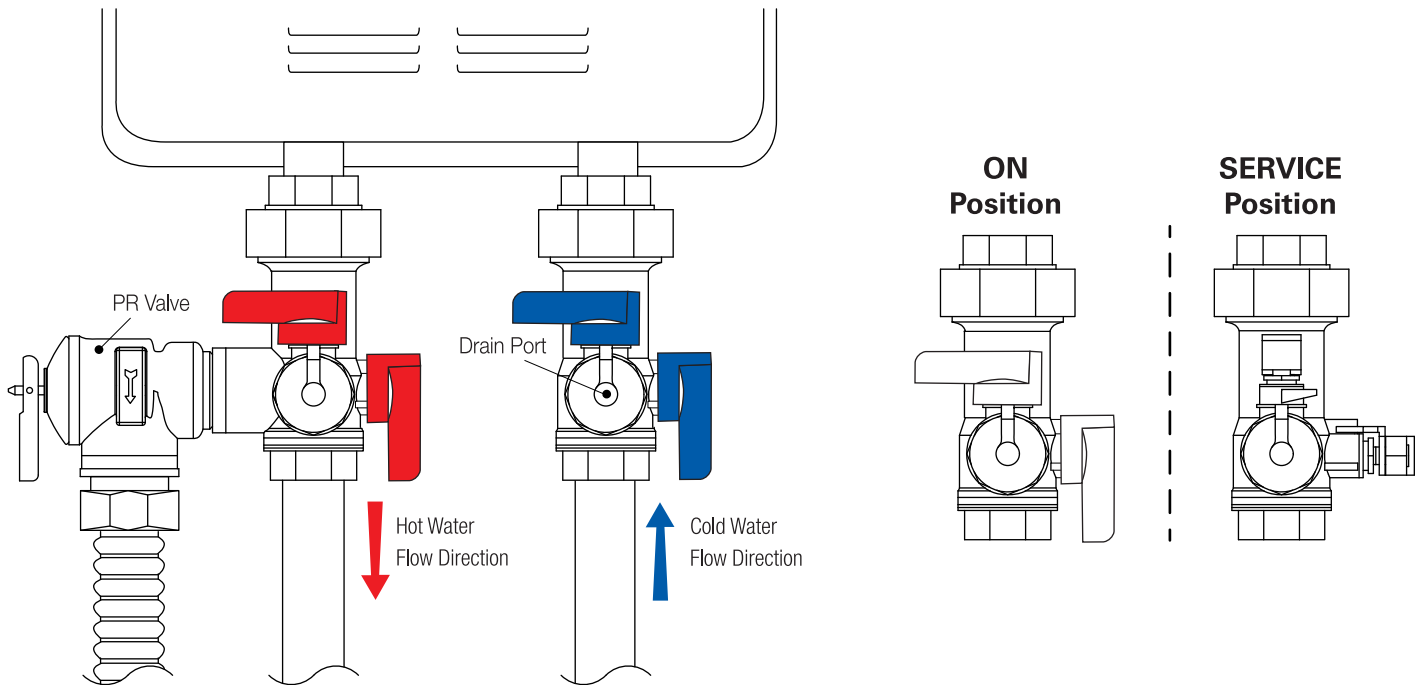


Tankless Water Heater Isolation Valve Kits

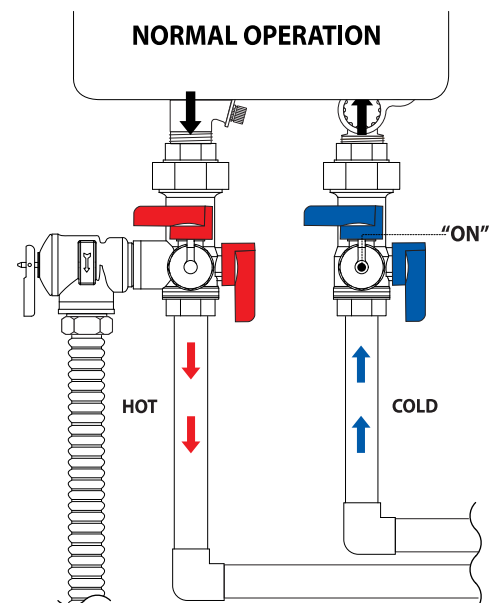
New Lead-Free compliant tankless water heater isolation valve featuring a smooth quarter turn knob for a drip tight seal.



Hassle free quarter-turn purge & drain valve. Easy two-step installation on your tankless water with unsurpassed safety, features and benefits. This is a complete inlet/ outlet valve system that provides everything you need for a secure installation, including full port testing and flushing of the system with easy-to-install union connections.

INSTALLATION INSTRUCTIONS

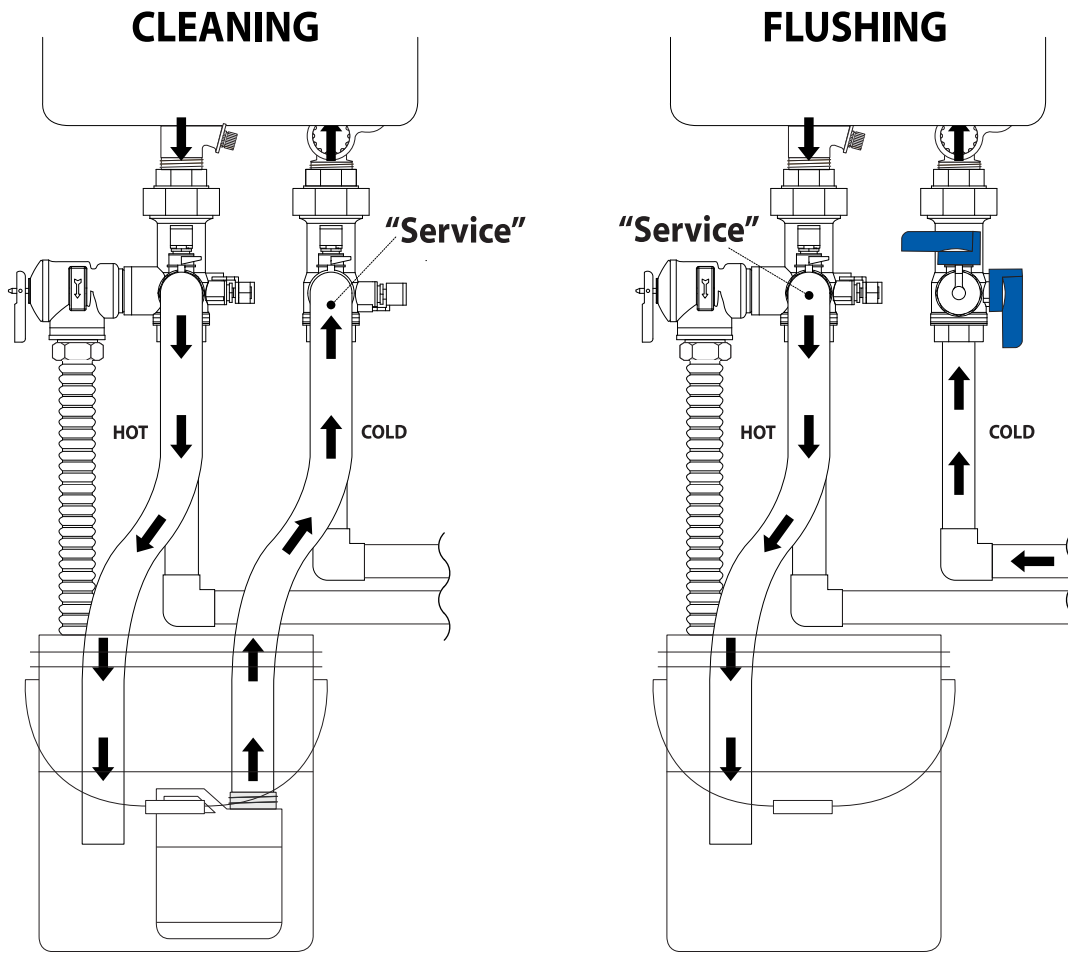
1. Apply PTFE tape to the thread of approved pressure relief valve and both end of water inlet and outlet male connection.
2. Attach the pressure relief valve to the HOT water service valve.
3. Connect swivel nut of each Hot & Cold water service valves on the tankless water heater.
4. Connect the inlet on the Cold water valve to the main source of the water supply.
5. Connect the outlet on the Hot water valve to the hot water plumbing system.
6. Ensure both drain port are fully closed.
7. Test for any leak before use.





CLEANING AND FLUSHING INSTRUCTIONS

1. Disconnect power to the tankless water heater and close the gas valve.
2. Shut off water supply and turn the knobs on both Hot and Cold valves to Service Position.
3. Slowly remove the drain caps.
4. Drain any remaining both Hot and Cold in the tankless water heater.
5. Connect the pump hose to the cold water drain port.
6. Connect the drain hose to the hot water drain port.
7. Pour around 4 gallons of flushing solution into a pail.
8. Place both the pump hose and the hot valve drain hose into the pail.
9. Start the pump and allow the solution to circulate for around 30 minutes.
(Refer to Tankless Water Heater manufacture's manual)
10. After completion of circulation, turn off the pump and remove the pump hose from drain ports on the Cold valve and close drain port with cap tightly.
11. Open the water supply to flush out the solution with fresh water.
12. Close the water supply and remove the drain hose from the drain port on the Hot water valve.
13. Close drain port with cap tightly.
14. Slowly turn the knob on the hot and cold valves to ON position.
15. Restore power to the tankless water heater and turn on the gas supply.





Corrugated Stainless Steel

High resistance to corrosion, maximum flexibility without kink, and maintains maximum water flow.

for Water Heater Connectors



CAUTION & WARNING

- You must read and fully understand all installation instructions and warnings before the installation of easyflex water heater connectors.
- Failure to follow these instructions may cause improper Operation resulting in leaks, serious personal injury or property damage.
- Never use water connectors for gas supply. If you are installing a gas water heater, you need to purchase an easy flex flexible gas connector.
- Easyflex water heater connectors are designed to be used only in accessible locations and not for underground usage.

Required System Components	<ul style="list-style-type: none"> • Easyflex Water Heater Connectors
Required Tools	<ul style="list-style-type: none"> • Two 10" adjustable wrenches • Pipe thread sealant

- 1 Check that EPDM gasket (washer) is installed in each nut of each connector.





2 Apply 2-3 wraps of pipe thread sealant to the male thread of nipples.

Ensure fitting threads are clean and seals are undamaged.

- Avoid incorrect application.
- Avoid exposure to corrosive agents.



Some water heaters and water softeners come with pre-installed male nipples or male threaded bypass. In this event you will not need the 2 nipples. If you need to use the nipples, apply pipe thread sealant prior to the installation.



3 Bend connector slowly into approximate shape to join water supply to the inlet nipple of the water heater or inlet of the water softener bypass and connect snugly.

4 Thread nuts to each nipple. Wrench tighten all connections. Do not overtighten.

- Avoid local bending and twisting and ensure that the hose is not exposed to external stress.



- Make bend radius as large as possible in applications where there is repeated movements.
- Do not pull the water heater connectors and avoid stretching or shrinking the hose.



5 Turn on water supply and check connections for leaks.





Corrugated Stainless Steel

Complete selection of flexible connectors for gas appliance applications.

for Gas Connectors



Required System Components

- Easyflex Gas Connector

Required Tools

- Two 10" adjustable wrenches
- Pipe thread sealant
- Leak detection solution
- Cleaning rag

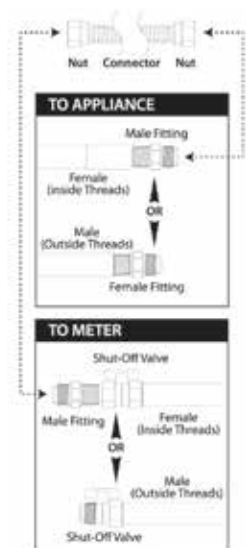
WARNING : Turn off gas supply before disconnecting old appliance. In absence of manual shut-off valve near appliance location, gas **MUST** be shut off on the main valve, near the meter.

*A shut-off valve is not included with this connector.

*Note : Fuel codes require installation of a manual shut-off valve in the same room that is within easy reach of the appliance(i.e within 6 feet).

CAUTION & WARNING

- The installation **MUST** BE complaint with the National Fuel Gas Code (ANSI Z223.1) and local installation codes.
- The installation and testing **MUST** be performed by a qualified professional. Make sure that the gas supply and gas valves of the appliances are shut off before the installation of gas connector.
- **DO NOT REUSE any connectors, fittings and valves.** They are designed for use on original installation only. Removal of connector and any additional handling may damage connector making it unsafe and unreliable for reuse.
- **DO NOT use this connector if it has been in a fire.** Fire can damage the connector making it unsafe for reuse.
- **DO NOT use this connector on appliances equipped with rollers or casters.** This connector is designed for limited movement after installation. Repeated bending, flexing or extreme vibration can cause metal fatigue and must be avoided.
- **DO NOT use connectors to make a direct connection to LP gas containers.** Connection **MUST** be made to the regulator device only.
- **DO NOT use connector on appliance in moving vehicles** such as RV's, trailers, etc. However, this product may be used in manufactured housing, like permanent residence mobile homes.
- **DO NOT use this connector with infrared radiant tube heaters.** Cyclic movement of heater may cause connector to fail.
- **Keep cleaning solvents containing ammonia or chlorine away from uncoated or damaged gas connectors. DO NOT store** these solutions near connectors or use the connectors near a swimming pool or hot tub. If exposed to these chemical products, rinse the connectors thoroughly with water.
- **DO NOT join two or more connectors to make a longer connector.**
- **DO NOT stretch connector to make it fit.** Connector should be of adequate length to reach from the gas supply line to the appliance without stretching.
- **DO NOT conceal connector or run connector through enclosed outdoor BBQ pits, walls, partitions, floors or appliance panels.** The gas outlet must be in the same room as appliance.
- **DO NOT assemble gas connector nuts directly to male pipe threads** of gas supply pipe or appliance. Install connector using the fittings provided. (See Figure 1)





Codes and Regulations Gas appliance and connector installation **MUST** comply with all local codes and regulations including municipal and state building codes, and to all local utility regulations. In the absence of local code, the installation must comply with the National Fuel Gas Code ANSI Z223.1/ NFPA 54, and/or Natural Gas or Propane Installation Code, CSA B149.1. Contact your local gas company for details.

- 1** Clean all pipe threads with a soft bristle brush and rag to ensure connections are free of any debris such as metal shavings, rust, dirt, oil or water.



- 2** Apply pipe thread sealant to the male pipe threads of connection. **DO NOT** apply grease, oil, sealant or tape to flare ends of fitting or shut-off valve. Sealant and tape will prevent this connection from sealing properly.



- 3** Thread steel fitting to manual shut-off valve and other steel fitting onto appliance regulator. Thread flare nuts of gas connector onto shut-off valve and steel fitting. Wrench tighten all connections. **DO NOT** use a pipe wrench on the connector flare nut. *If necessary, thread new manual shut-off valve onto gas supply pipe that is wrench tighten. Use a wrench only on the hex surfaces of the fittings.



- CAUTION : DO NOT stretch the connector to make it fit. Connector must be long enough to allow the appliance to be positioned at its farthest anticipated connected distance from the gas supply without stretching, twisting or bending that is smaller than a 1-1/2 internal diameter (i.e. approximately the diameter of a golf ball).
- CAUTION : DO NOT trap connector against sharp edges or corners.
- CAUTION : DO NOT kink, or bend connector sharply on right angles.



- 4** Turn manual shut-off valve on to allow gas to enter the system after installation.



- WARNING : DO NOT TURN ON APPLIANCE until all connections have been leak tested properly.
- WARNING : DO NOT USE lighters, matches, candles, open flames or other sources of ignition to leak test connections!



- 5** Test all connections with non-corrosive gas leak test solution; bubbles will indicate a leak. If a leak is detected, turn off gas supply before further tightening connections. Water rinse and towel dry connection once test is complete.



TEST

- Wait at least 10 minutes or more to be certain that all vapors have dissipated.
- If the leak test confirms connections do not leak gas and you do not smell any gas, THEN light pilot(s) and turn on appliance again.
- If you smell gas, turn off the gas at main shut-off valve and call a licensed plumber to check for leaks and fix any other problems.

