



**SOFT-Turn**

## Lead-Free Tankless Water Heater Isolation Valve

New lead free compliant tankless water heater isolation valve featuring a smooth bi-directional turn knob for a drip tight seal.

### Certifications & Approvals

- FPT connection to water lines
- Rated pressure : 125 psi
- Burst pressure : 500 psi
- Rated supply temperature : 160°F
- Maintains maximum water flow





## Applications

Boilers

## Benefits

### Hassle free quarter-turn purge & drain valve

Easy two-step installation of your tankless water heater 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.

### Integrated Drain Valve

with independent, 1/4 turn operation

### Built-in Port for PR Valve

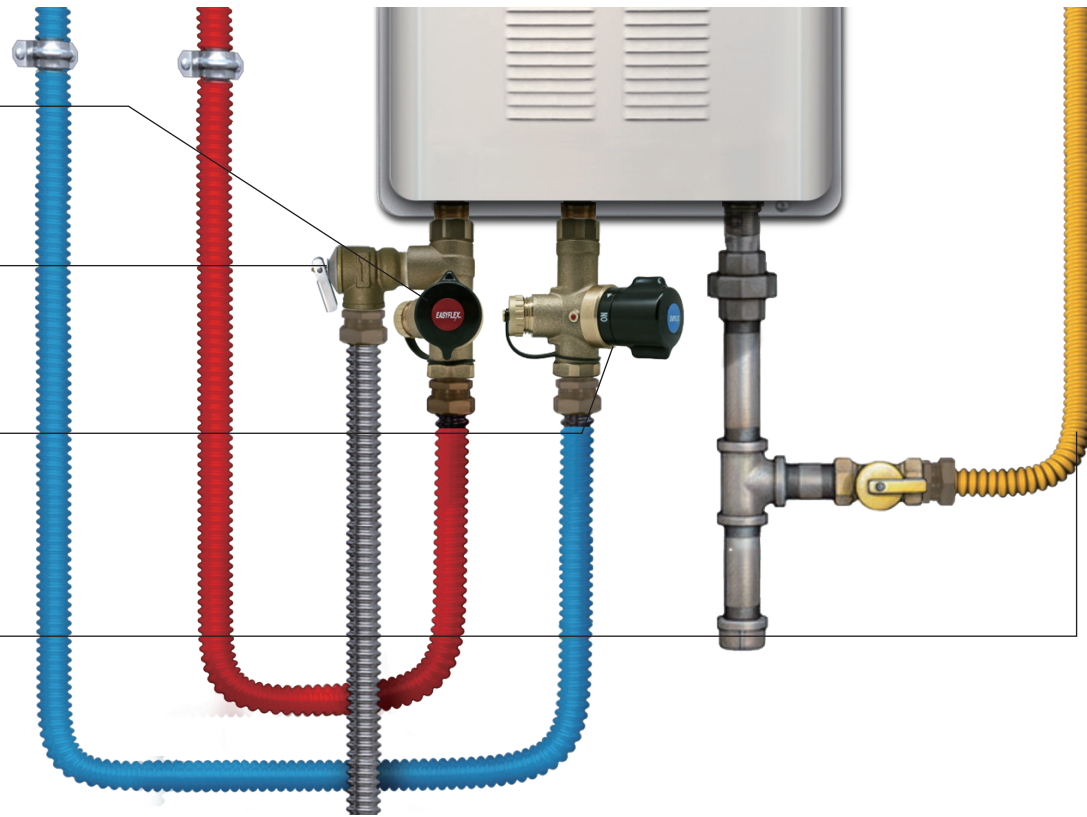
reduces the number of connections required

### Right Sized Handles

color coded and great for tight installations.

### Gas Connector

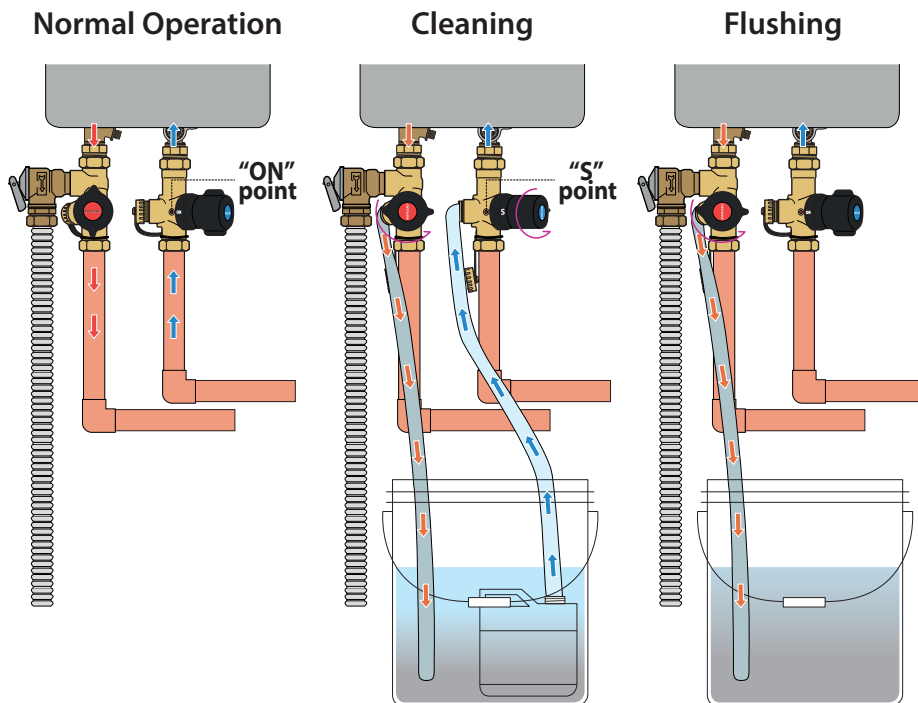
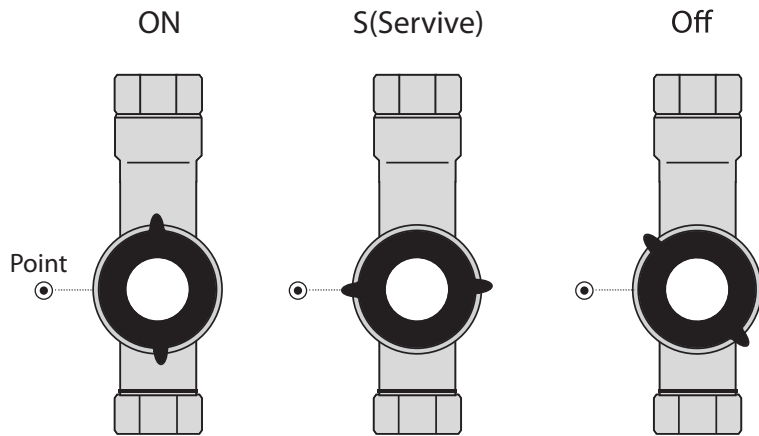
with Epoxy corrosion resistant coating



## Specification

- Complies to ASME A112.18.1-2012/CSA B125.1-12
- Complies to NSF 61 and 372
- FPT connection to water lines
- Rated pressure: 125 psi
- Burst pressure: 500 psi
- Rated supply temperature: 160° F
- Maintains maximum water flow





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