



WaiWela tankless installation valves (TIV) are designed to save installation time while assuring that the installation is completed in a professional manner. The long term benefit is ease of maintenance and the ability to do the maintenance yourself if you desire.

Features of the WaiWela TIV:

- Hot water valve is color coded **RED**
- Cold water valve is color coded **BLUE**
- Union assembly connects to water heater for easy removal
- **Hot** side valve includes a female NPT port to receive pressure relief valve
- Both valves include a drain and flush port with an isolation ball valve that terminates with a capped threaded male hose fitting
- Designed to work with WaiWela descaling kit
- TIV's are available in either Thread or Sweat

WaiWela TIV installation instructions:

Hot water side:

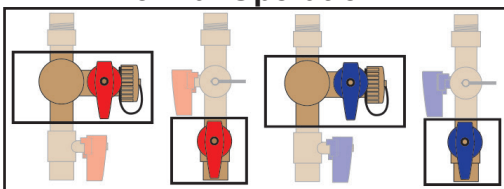
1. TIV **hot** water valves are color coded with **red** handles and incorporate a FNPT port to receive a 3/4" male threaded pressure relief valve. To install **hot** side valve, first identify the 3/4" MNPT **hot** water outlet on the tankless water heater, loosen the union assembly on the TIV and attach to the top 3/4" FNPT portion of the union to the water heater outlet using approved thread sealants.
2. Install the TIV **hot** valve onto the union end already attached to the water heater. You are able to rotate the valve while the union is loose to select the best valve position considering the pressure relief valve to the discharge port. Once you have properly adjusted the valve, tighten the union nut to secure the valve to the heater. Because we are using a gasket, it is not necessary to use excessive force to tighten the union nut.
3. Install the pressure relief valve into the FNPT port on the **red** coded **hot** water valve using approved sealants. Take proper care to ensure a positive threaded seal while maintaining the desired orientation of the pressure relief valve (check with local codes regarding relief valve installation).

Cold water side:

4. The TIV **cold** water valves are color coded with **blue** handles. To install cold side valve, first locate the **cold** water 3/4" MNPT **cold** water inlet fitting on the tankless water heater. Loosen the union assembly on the valve and attach the top 3/4" FNPT portion of the union to the water heater inlet using approved thread sealants.
5. Install the **blue** coded **cold** valve onto the union end already attached and adjust the valve position to the desired position before tightening. Access to the valve handles should be considered when installing the valve. Once properly adjusted, tighten the union nut to secure the valve to the water heater.

Please note: Sweat tankless valves can be damaged by overheating the valves during the process of soldering. To avoid damage, open the main valve and the drain valve and remove the drain cap. Using a minimal amount of heat, solder 3/4" copper tubing to the valves. Take care to keep heat away from the main shut off ball valve body.

Normal Operation



Maintenance Mode

