

RED-WHITE VALVE CORP.

3400 Series Tankless Water Heater Valve Instructions

Installation:

1. The 3401 or 3421 Hot Valves feature **Red** colored handles and an integral FNPT port to accept a pressure relief valve. To install, loosen the union assembly on the valve and connect it to the Hot Water Outlet of the heater using approved thread sealants.
2. Install the 3401 or 3421 Hot valve onto the union end and adjust the valve to best fit the particular installation. Access to the main valve isolation and drain valve handles as well as the orientation of the pressure relief valve port/drain should be considered when installing the valve. Once properly adjusted, tighten the union end to secure the valve to the heater.
3. Using approved thread sealants, install the pressure relief valve into the FNPT port on the 3401 or 3421 Hot Valve. Care should be taken to ensure a positive threaded seal while maintaining the proper orientation of the pressure relief valve. (consult all relevant federal, state and local codes regarding relief valve installation.)
4. The 3402 or 3422 Cold Valves feature **Blue** colored handles. To install, loosen the union assembly on the valve and connect it to the Cold Water Inlet of the heater using approved thread sealants.
5. Install the 3402 or 3422 Cold valve onto the union end and adjust the valve to best fit the particular installation. Access to the main valve isolation and drain valve handles should be considered when installing the valve. Once properly adjusted, tighten the union end to secure the valve to the heater.
6. For the 3401 and 3402 Solder End Valves: Open the main and drain valves and remove the drain cap. Using the least amount of heat possible, solder the appropriate size copper tube to the valves. Care should be taken to keep heat from the center (seats of the valve).
7. For the 3421 and 3422 Threaded End Valves: Use approved thread sealants and install the appropriate size fittings/pipe.

Operation:

Normal operation of the 3400 Series valve will be with the Main valve/T-shaped handle in the open position (parallel to the piping entering and leaving the heater). The Drain valve/L-shaped handle should be in the closed position (perpendicular to the drain port) and the drain caps should be installed. Note that when the Main valve is open, flow is supplied to the Drain. The should be closed and capped at all times except when draining or purging the system.

Maintenance:

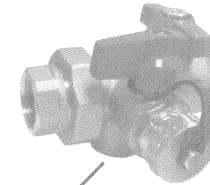
Refer to the Tankless Heater Manufacturer's instructions regarding servicing the heater.

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3401 & 3421 Hot Valves



Relief Valve Port

3402 & 3422 Cold Valves

