

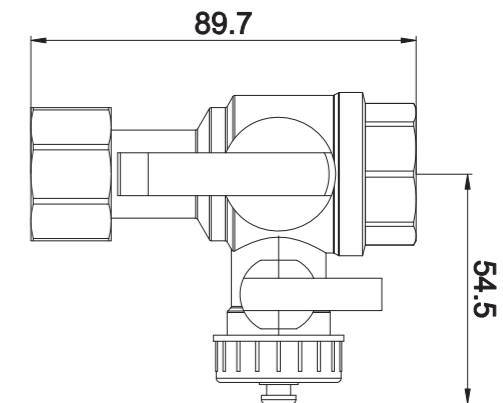
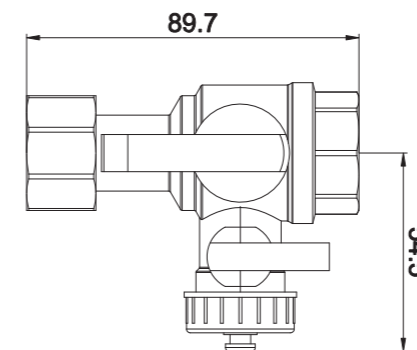
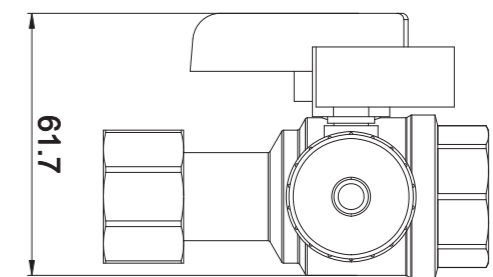
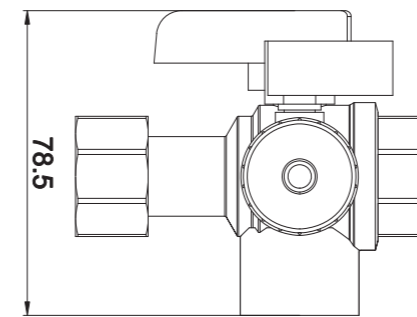
INTRODUCTION

WARNING

Please follow these installation instructions carefully in order to avoid a safety hazard and/or injury.

- Before connecting any components, be sure to read all of the tankless water heater manufacturer's installation instructions. Failure to follow instructions below can result in serious injury, death, and/or property damage.

VALVE DIMENSIONS



**HOT VALVE
(RED handle)**

**COLD AND RECIRCULATION VALVE
(BLUE handle)**

Navien Plumb Easy Valve Set (V2) Includes:

- One (1) Hot Water Service Valve with Red Handle Plug
- One (1) Cold Water Service Valve with Blue Handle Plug
- One (1) Recirculation Water Service Valve with Yellow Handle Plug (3-Valve Kits Only)
- One (1) Pressure Relief Valve certified to ANSI Z21.22

ATTENTION

After installation, please leave this Instruction Sheet near the water heater or boiler for future reference whenever maintenance or service is required.

IMPORTANT

Check with governing authorities for local installation codes and requirements.

PREPARE FOR INSTALLATION

- Identify all components and orientations before starting the installation.
- Before attaching any components to the tankless water heater, attach the PRESSURE RELIEF VALVE to the HOT WATER SERVICE VALVE.
 - Apply thread sealant to the exposed threads of the pressure relief valve.
 - Thread the pressure relief valve into the 3/4" port on the side of the hot water valve and hand tighten. Using a wrench, tighten the pressure relief valve until the discharge on the pressure relief valve is positioned downward on the isolation valve, as shown in Figure 1.

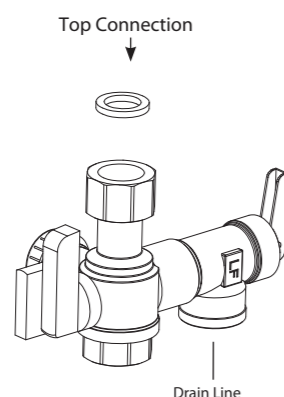


Figure 1: Hot Water Service Valve
(with Pressure Relief Valve)

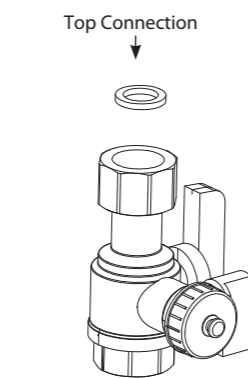


Figure 2: Cold Water Service Valve

INSTALLATION

- The tankless water heater must be positioned at the top connection point as shown in figures 1 and 2.
 - When assembling the cold water service valve onto the cold water inlet of tankless water heater, the packing must be installed between the valve and the inlet properly.
 - Position the cold water service valve beneath the cold water inlet, and using a wrench, securely tighten the connection nut of the cold water service valve onto the inlet.
 - Install the HOT WATER SERVICE VALVE onto the hot water outlet of the tankless water heater.
- ⚠ WARNING:** Do NOT install a shutoff valve between the tankless water heater and pressure relief valve.
- Repeat the steps used to complete the installation of the COLD WATER SERVICE VALVE.
 - Connect the water supply line and pressure relief drain line.
 - Attach the HOT water supply line to the 3/4" threaded connection on the HOT WATER VALVE using thread sealant on the threads of the water fitting.
 - Attach the COLD water supply line to the 3/4" threaded connection on the COLD WATER VALVE using thread sealant on the threads of the water fitting.
 - Attach the drain line to the pressure relief valve and run the piping per local code requirements.
 - Start-up & Normal Operation
 - Before turning on the supply water to the heater, make sure that all valve handles on both the hot & cold valves are closed (perpendicular to the main valve bodies) and ensure that the purge port valve caps are tightened down. **NOTE:** THE VALVE CAP WILL NOT STOP EXCESSIVE WATER FLOW.
 - For water heater start-up, refer to the Navien water heater owners' manual.
 - During normal operation, the main water valves are open when the main valve handle is parallel with the main valve body and closed when the main valve handle is perpendicular to the main valve body.
 - For the purge port valves, the purge port valve is open when the slot is parallel with the purge port valve body and closed when the slot is perpendicular to the purge port valve.

INSPECTION AND MAINTENANCE

- See tag attached to the pressure relief valve for details.
- ⚠ WARNING:** Hot water may be present in the system. Use extreme caution when servicing the water heater. Hot water can cause personal injury, death, and/or property damage.

LIMITED WARRANTY

- Navien, Inc. warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, Navien will, at its option, replace or recondition the product without charge.

DO NOT REMOVE THIS WARNING TAG

- ⚠ WARNING**
FAILURE TO FOLLOW INSTRUCTIONS BELOW CAN RESULT IN SERIOUS PERSONAL INJURY, DEATH AND/OR SEVERE PROPERTY DAMAGE
This Relief Valve is a Safety Valve designed to discharge water in the event of unsafe pressure build up.

INSTALLATION

In Accordance with ANSI Z21.22

No valve is to be placed between the safety relief valve and the tank. A discharge line shall be connected to the outlet of the valve and shall pitch downward from the valve. Discharge line shall terminate through plain (unthreaded) pipe with at least a 6" (152mm) air gap from building drain or other approved location where any discharge will be clearly visible. In no case may a discharge line be directly connected to a sewer line. No reducing coupling or other restriction shall be installed in the discharge line. The discharge line shall be installed to allow complete drainage of both the valve and the line. Discharge line material must conform to local plumbing codes or ASME requirements. Excessive length over 30' (9.14m), use of more than four elbows, or reducing discharge line size will cause a restriction and reduce the discharge capacity of the valve.

INSPECTION/MAINTENANCE

- At least once per year the water heater Owner must manually operate this valve to ensure waterways are clear.
- Before lifting the lever, check to see that the discharge line is securely attached and properly installed to prevent injury or property damage.
- AVOID CONTACT WITH THE HOT WATER DISCHARGED DURING THE TEST TO PREVENT PERSONAL INJURY
- If no water flows when the lever is operated, TURN OFF THE WATER HEATER (see water heat instruction manual) and CALL A PLUMBER IMMEDIATELY
- At least every three years this valve should be inspected by a licensed plumbing contractor or qualified service technician and replaced if necessary.
- If discharge occurs during normal operation CALL A PLUMBER IMMEDIATELY. Discharge indicates an unsafe temperature or pressure condition or a problem with this valve.
- Repair or alteration of this valve by anyone is prohibited by national safety standards/local codes.