



Build With Purpose

Installation, Operation & Maintenance Instructions for the PRIER Lead Free Small Valves

Please leave this sheet for the property homeowner

Thank you for purchasing the PRIER Lead Free Small Valve series, the finest quality plumbing brass available. They are available with or without an Internal Vacuum Breaker / (IVB) Backflow Preventer. Small Valves with an IVB will help protect the potable water system by not allowing potentially contaminated water to siphon or backflow into the potable water system. Your Small Valve will provide you years of dependable service with little or no maintenance.

INSTALLATION

Installation procedures may vary slightly depending on the seat option purchased and the installation inlet options. PRIER Small Valves are available with the following inlet options:

Inlet Specifications
1/2" MPT x 1/2" SWT
1/2" FPT
3/4" FPT
3/4" MPT
1/2" COMP
1/2" MPT x 3/4" SWT
1/2" x 3/4" SWT
1/2" SWT x 3/4" FTG SWT

1. Ensure supply piping is free of debris, solder and sealants.
2. Connect the water supply piping to the Small Valve as desired.
3. If you are planning to solder the connection, be certain the hydrant is in the fully open position to prevent seat damage from the heat.
4. Take necessary precautions to avoid damaging the inside components. When soldering cover the valve with wet rag or spray with heat absorbing gel.
5. Test for leakage by using a closed-end hose on the valve to create back pressure.

OPERATION

Operation of the IVB Small Valves are a simple process. Water flows through the valve after turning the handles counter-clockwise to the "on" position. Turn off the valve by turning the handle clockwise to the "off" position. IVB Small Valves contain a backflow preventer that operates as a check valve in the rare case that water is forced backwards into the valve. In this scenario, the valve will drain contaminated water from the hose through the weep hole by the handle. The backflow preventer has been tested to 125 PSI pressure.

**DRAIN HOSE AFTER EACH USE TO AVOID BACK-PRESSURE LEAKS
PER ASSE 1011, DO NOT LEAVE ON FOR MORE THAN 12 CONTINUOUS HOURS**

MAINTENANCE

The PRIER lead free Small Valves with internal vacuum breaker require no scheduled maintenance to provide long life.