TWO PIECE LOW LEAD SOLDER END BALL VALVE
INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

INSTALLATION

1) Thoroughly clean and prepare the piping system before valve installation.
2) Remove the valve end caps if present, and inspect the valve ports and seating surfaces for cleanliness just prior to installation.
3) Support the valve to prevent unnecessary stresses induced by connecting pipe.
4) Be sure the rating of the valve is compatible with the intended service conditions
5) Operate the valve from the full open to closed position.
6) Solder end ball valves should be installed with the valve in a closed position. Extreme care must be used to prevent overheating of the valve causing damage to seats and seals. Valves shall not be installed using the brazing process due to the high heat input required. Consult solder and flux manufacturer's catalog to be certain you are complying with low lead statutes.
7) Use care to direct the flame away from the valve body. Use care to prevent the flame from making contact with the valve body as damage can occur. The use of a heat sink is highly recommended.
8) Verify the tightness of the packing nut after installation, and valve cools.

OPERATION

1) Ball valves are designed to be opened by rotating the lever handle in a counterclockwise direction, and closing in a clockwise direction. The handle indicates the ball port direction.
2) Under certain conditions, throttling flow in the near-closed position can destroy the valve seats Consult factory for throttling service.

INSPECTION & MAINTENANCE

1) Periodic inspection and preventative maintenance is not required other than adjustment of stem packing, and cycling of the valve from open to closed position.
2) If a valve develops a packing leak, adjust the packing nut to increase the pressure on the stem packing. The packing nut should be turned in a clockwise direction approximately 1/4 turn, or until leakage stops. **Do not repack valves under pressure.**
3) Repair or replacement of two piece ball valves internal parts is not recommended. Damage can occur to the body and tailpiece during disassembly that would make the valve inoperable.

REPAIR PARTS

Not available for UltraPure valves