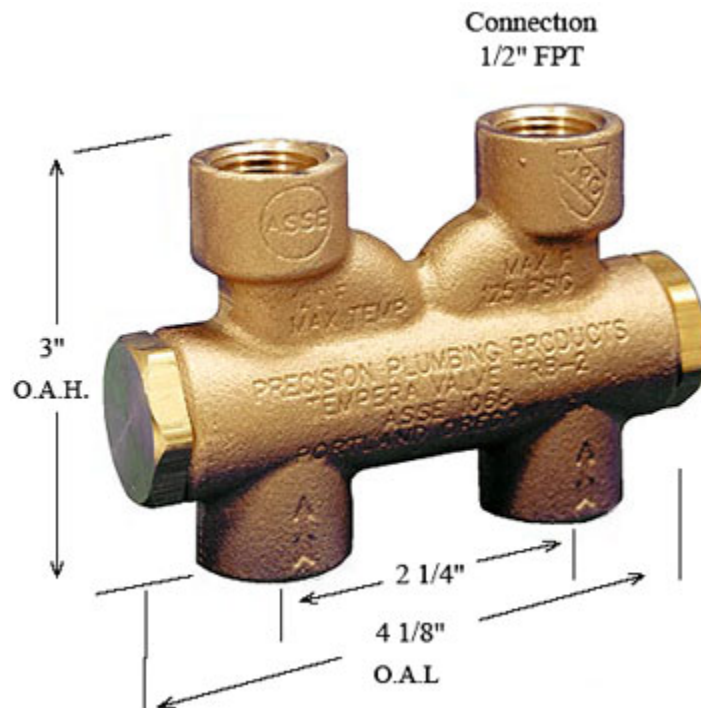


# INSTALLATION FOR SS-PB50 REMOTE PRESSURE BALANCING VALVE (For Shower Systems)

**Note:**

- Check valves are strongly recommended to be installed on both inlets. Not provided.



**Features:**

- AUTOMATIC PRESSURE COMPENSATING, PREVENTING THERMAL SHOCK
- CAN BE USED WITH SINGLE OR TWO HANDLE MIXING VALVE ASSEMBLIES
- HOLDS A SELECTED WATER TEMPERATURE TO WITHIN + 3° F DEGREES REGARDLESS OF PRESSURE CHANGE FULLY PORTED VALVE WITH MINIMAL PRESSURE DROP
- SAFE AND POSITIVE BECAUSE IT IS A PRESSURE BALANCING VALVE, NOT A THERMOSTATIC MIXING VALVE
- MEETS A.S.S.E. STANDARD 1066 INDIVIDUAL IN-LINE PRESSURE BALANCING VALVES

**ADVANTAGES:**

May be installed at any convenient, accessible point on the supply lines in any position or angle May be in-stalled in either exposed or concealed locations (Access door is required). Chrome plated models are available for exposed installations.

**INSTALLATION:**

Install the pressure balancing unit before the fixture and control valve. It may be installed on 1/2" water supply line at any angle or position. It is not necessary that the SS-PB50 Valve be mounted level. The SS-PB50 Valve may be mounted concealed or exposed (access doors required) - a chrome plated model is available for exposed installations.

**OPERATION:**

Fully automatic - no manual controls, regulating or adjustments are needed. With only one moving part, the SS-PB50 Valve is designed to equalize the hot and cold supply line pressures. The change in water pressure will not affect the preset temperature.

ASSEMBLED IN ACCORDANCE WITH ANSI/ASME A112.1.2 AIR GAP IN PLUMBING SYSTEMS STANDARD

**CONSTRUCTION DETAILS:**

**EXTERNAL:** Red-Bronze cast body containing over 85% ingot copper. ASTM # B584 and Alloy# C84400

**INTERNAL:** Stainless steel (# 303) is used in the piston and sleeve.

**MAINTENANCE:** A minimum is required, other than occasional flushing of foreign deposits. Of the SS-PB50 Valve's four parts, only the balancing piston moves. This simple, compact design minimizes wear and mechanical failures

**INSTALLATION INFORMATION:**

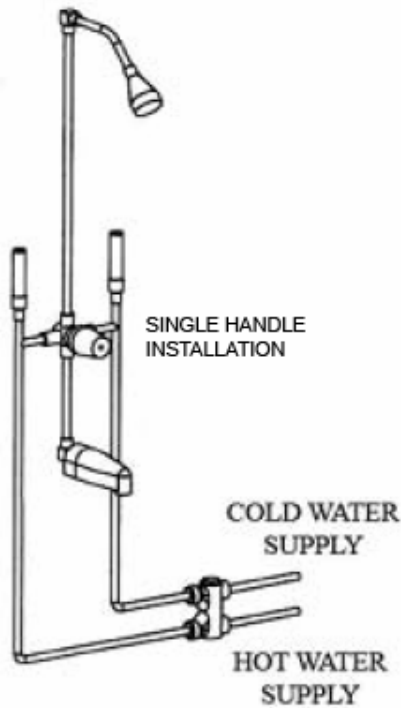
- The SS-PB50 Remote Pressure Balancing Valve is a piston-actuated valve. It is necessary to Flush all supply lines leading to the valve prior to installation.
- We require only Teflon tape to be used when connecting this valve to the water system. The use of pipe dope or liquid thread sealant will affect the proper operation of this valve and void the warranty.
- Install the SS-PB50 valve in line with the shower control valve. It is not necessary to install the SS-PB50 valve close to the shower control valve, as long as discharge lines are dedicated.
- Install the SS-PB50 valve with the flow arrows in the proper direction with respect to flow. It is not necessary to maintain any particular geometric position for this valve.
- The SS-PB50 valve is a mechanical device, which may require maintenance.
- Remember to place this valve in an accessible location.
- Failure to follow these instructions will make void any product warranty

**CAUTION: MODEL PLUMBING CODES REQUIRE HOT WATER NOT TO EXCEED 120°F.**

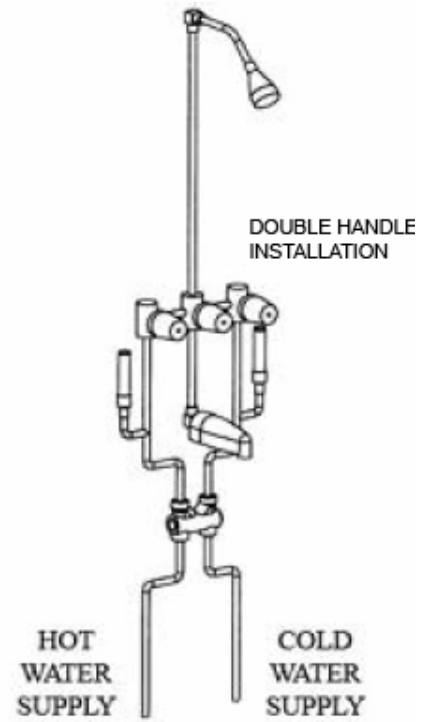
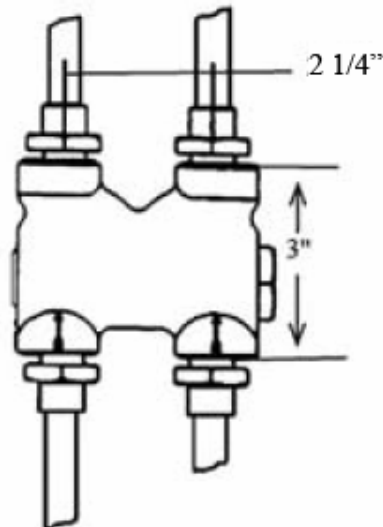
**FOR TECHNICAL SUPPORT PLEASE CALL 718-257-2800**

# SS-PB50 REMOTE PRESSURE BALANCING VALVE (For Shower Systems)

## INSTALLATION DIAGRAM



WATER HAMMER ARRESTORS  
OPTIONAL TO ELIMINATE THE  
POSSIBILITY OF WATER HAMMER



Temperature Limit  
Stop (Max 120°F.)

