



Precision Plumbing Products

"Specify with Confidence - Install with Pride"

LEAD FREE

**TEMPERA VALVE
AUTOMATIC PRESSURE COMPENSATING**

**ONLY ONE MOVING PART!
SUCCESSFULLY COMPLETED 100,000 CYCLE TESTING!**

www.pppinc.net



Part Number TRB-2
Part Number TCP-2

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 $\pm 3^{\circ}$ 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 ASSE 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 installed 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. Specify the Tempera Valve for use in homes, schools, gymnasiums, hotels, photographic darkrooms, barber shops... wherever a close control over water temperature is required.

OPERATION:

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

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



Precision Plumbing Products

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U.S. PATENT NUMBER 4,926,897
CANADIAN PATENT NUMBER 2,011,457

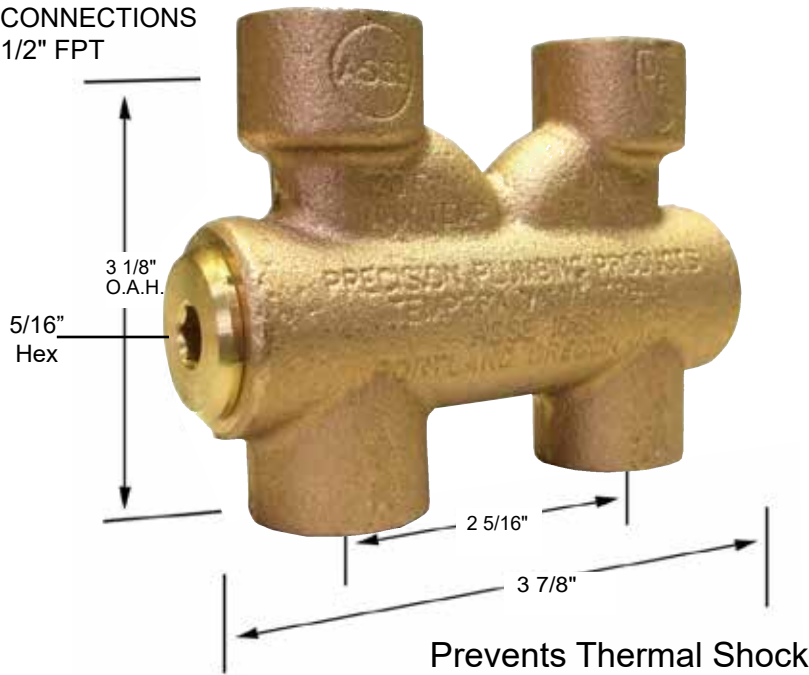




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TEMPERA VALVE

CONNECTIONS
1/2" FPT



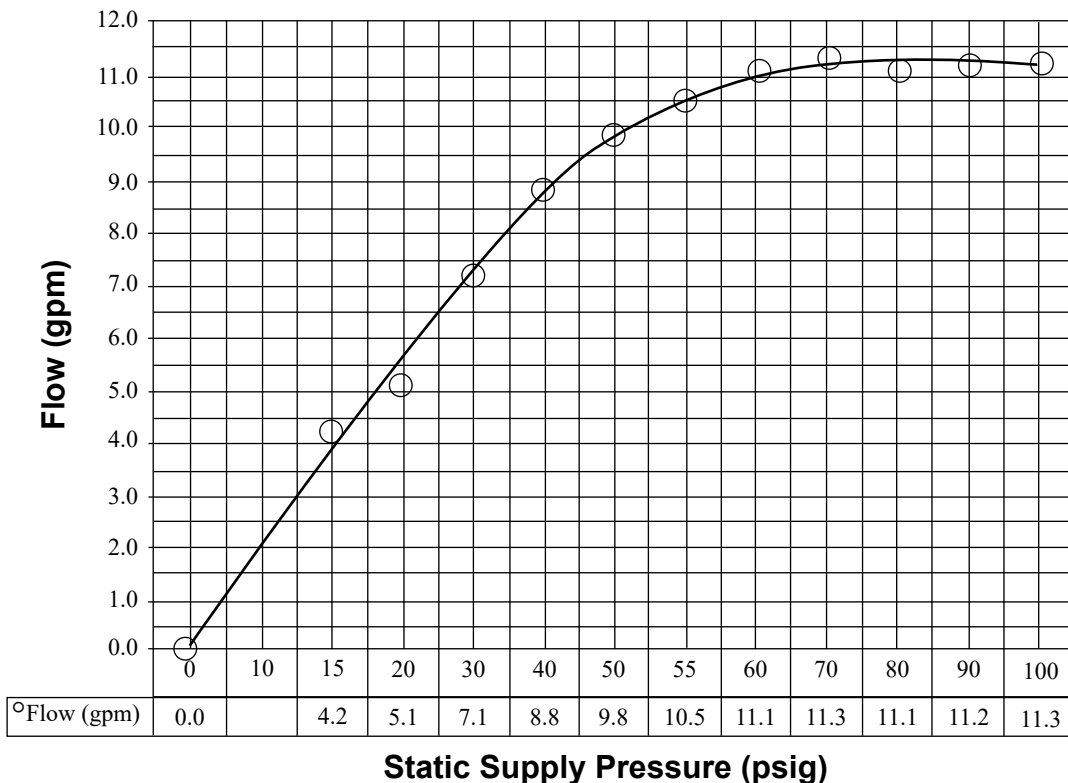
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The Tempera Valve is a highly sensitive pressure balancing valve that holds a selected water temperature to within one degree. It responds instantly to all line pressure loss on either the hot or cold side.

Tempera Valves may be installed in any position or at any angle. They must be installed ahead of the control valve(s). The flow pattern is indicated by arrows imprinted in the valve body.

Tempera Valves should be provided with some type of access for servicing if necessary.

Tempera Valve Flow Rate



Avoid high temperatures in direct contact with the valve body.

The internal parts of the **Tempera Valve** are stainless steel with only one moving part. The pressure differential sensing piston is constantly responding to any system pressure changes.

We require only Teflon tape be used for the female NPT pressure connection. Pipe dope and liquid thread sealants will affect the balance valves operation. Failure to follow these instruction will void any product warranty.

The Tempera Valve was cold water supply failure tested and reduced flow to 0.5 gpm in one (1) second.