



**Precision Plumbing Products**

*"Specify with Confidence - Install with Pride"*®

**LEAD FREE**

**THERMOSTATIC  
MIXING VALVE ASSE 1070**

www.pppinc.net



**Features:**

- Positive shut-off of mixed flow with cold water failure.
- Provides stable mixed hot and cold water temperature.
- Tamper-proof temperature setting.
- Check valves included on 1/2" and 3/4" connections.
- Factory tested.

**PART NUMBER:**

- PTMV - 50070 - 1/2" Sweat with Check
- PTMV - 75070 - 3/4" Sweat with Check



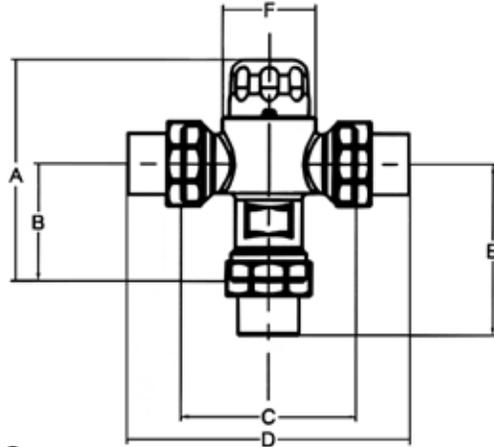
## PRODUCT SPECIFICATIONS

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Outlet temp. range: 95-120°F (35-48.9°C)  
 Temp. hot supply: 120°F - 180°F (48.9°C- 82.2°C) Max.  
 Temp. cold supply: 39 - 80°F (3.9-26.7°C)  
 Temp. stability: +/-3°F(1.7°C)  
 Working pressure: Max. 145 psi (1,000 kPa)  
 Flow rate, minimum 0.34 gpm (1.3 L/min)  
 Flow rate, maximum 11 gpm (42 L/min)

### MATERIALS

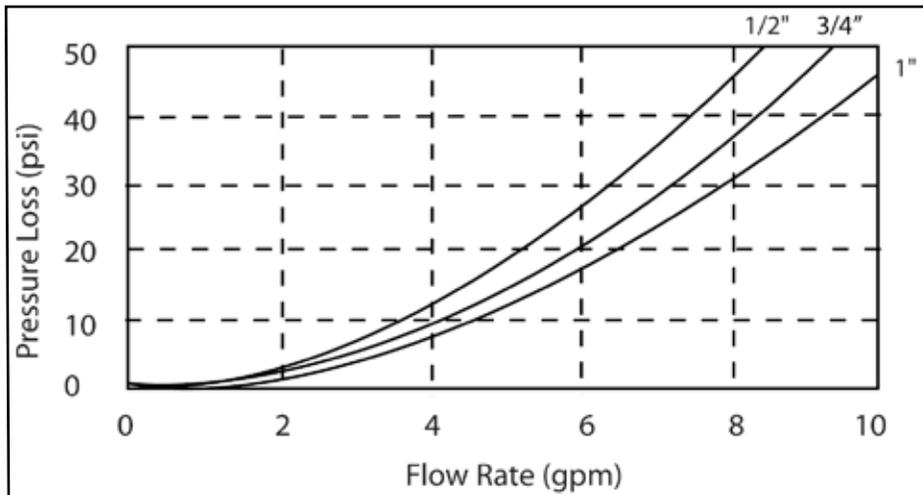
BODY: DZR Brass  
 SEALS: EPDM  
 PISTON: Engineered Polymer  
 SPRINGS: Stainless Steel  
 FITTINGS: Copper Sweat  
 INTERNAL CAP: Brass



### DIMENSIONS

Dimensions	A	B	C	D	E	F
Base Valve	3.9 (98)	2.0 (52)	3.0 (76)	*	*	1.6 (41)

### FLOW CHARACTERISTICS

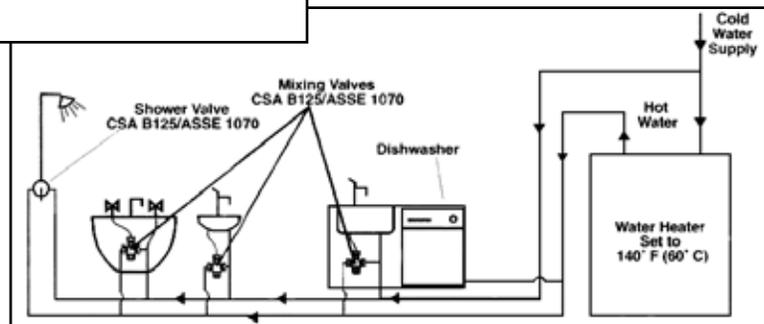


### OPERATION FEATURES

- High Flow
- Adjustable
- Low head loss
- Shut down on cold water failure
- Constant water temperature
- Dual purpose mixing or diverting valve
- Energy saver

### INSTALLATION

The high performance Thermostatic Mixing Valve is designed to deliver mixed water to a single outlet. It may also be used to supply multiple outlets. It makes allowances for any change in supply conditions to ensure that the outlet water temperature remains constant.



## Precision Plumbing Products

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