



Precision Plumbing Products

*"Specify with Confidence - Install with Pride"*

**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
- PTMV - 100070 - 1" Sweat



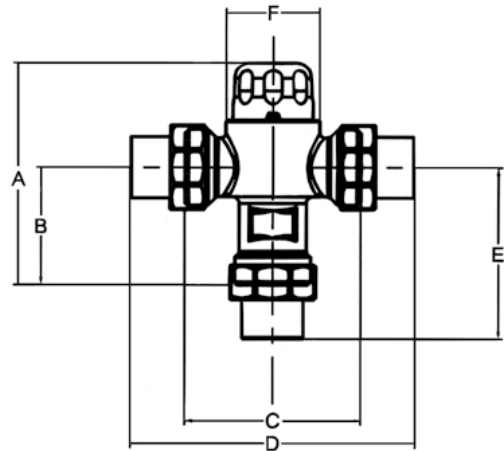
## PRODUCT SPECIFICATIONS

### SPECIFICATIONS

Outlet temp. range:	95-115°F (35-46°C)
Temp. hot supply:	195°F (90°C) Max.
Temp. cold supply:	40 - 80°F (4-27°C)
Temp. Stability:	+/-3°F(1.7°C)
Working Pressure:	Max. 145 psi (1,000 kPa)
Flow rate, minimum	1 gpm (4 L/min)
Flow rate, maximum	11 gpm (42 L/min)

### MATERIALS

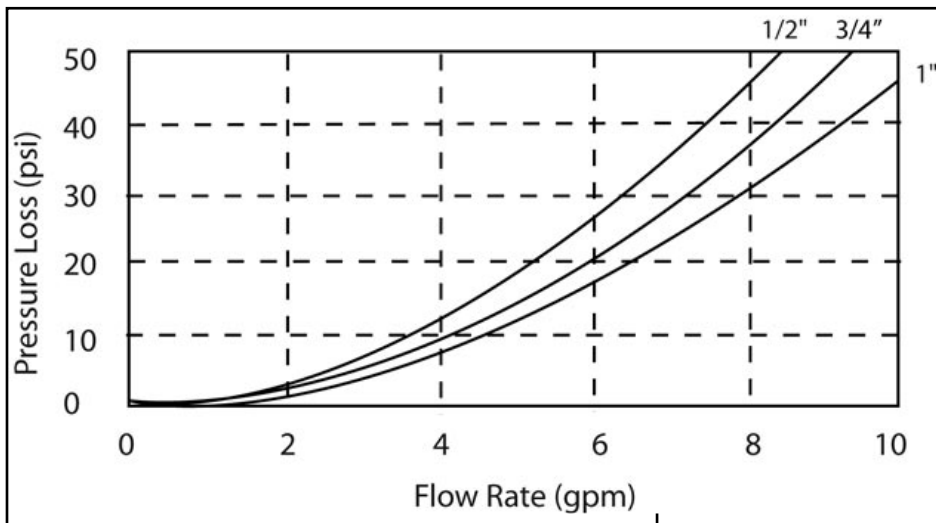
BODY:	Cast bronze, nickel plated
SEALS:	Nitrile elastomer
PISTON:	Polysulfone, polymer
SPRINGS:	Stainless steel
FITTINGS:	Brass
INTERNAL COMPONENTS:	Brass



### DIMENSIONS

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

### FLOW CHARACTERISTICS

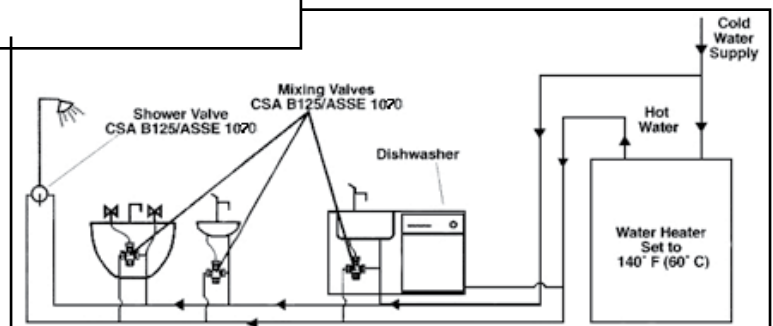


### OPERATION FEATURES

- 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

Division of JL Industries, Inc.

802 SE 199th Ave  
Portland, Oregon 97233

T (503) 256-4010  
F (503) 253-8165

www.pppinc.net

