

Submittal Data Information

5121 Lead-Free Mixing Valve

100-180

Effective: April 7, 2022

Supersedes: June 1, 2016

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM NO.	MODEL NO.	

Features

- ≤ .25% lead
- ASSE 1070 Listed
- Compact Design
- Suitable for use in Potable Water
- Mounting Bracket
- Connects to 3/8" Flexible Hose or Compression 3/8" OD Tube
- Check Valves Included
- Inlet Strainers Included
- Tamper Resistant Cap

Performance

Max. Flow: 5.8 GPM (22 L/min)¹
¹Flow should never exceed standards for pipe size

Min. Flow: .34 GPM (1.3 L/min)¹

Hot Supply Temperature:
120-180°F (49-82°C)

Cold Supply Temperature:
39-85°F (4-29°C)

Max. Inlet Pressure:
230 psi (15.8 Bar)

Max. Variation in Supply Pressure: 20%

Min. Temperature Differential
Between Hot Supply and Mixed:
10°F (5.6°C)

Outlet Temperature Range:
95-118°F (35-47.8°C)

Factory set to: 110°F (43.3°C)

Accuracy of Outlet
Temperature: (±) 3° F (2° C)

Materials

Body: Forged Brass

Internal Components:
≤ .25% lead Brass, Noryl GFN2

Seals: Viton

Spring: Stainless Steel

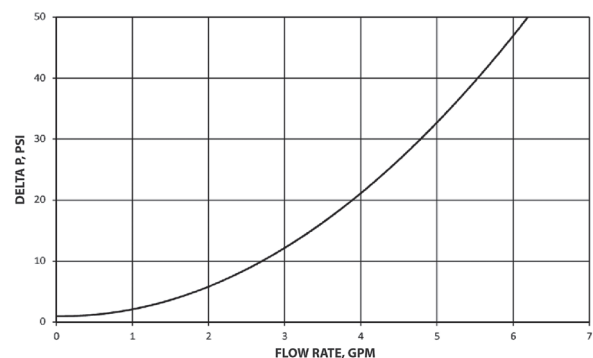
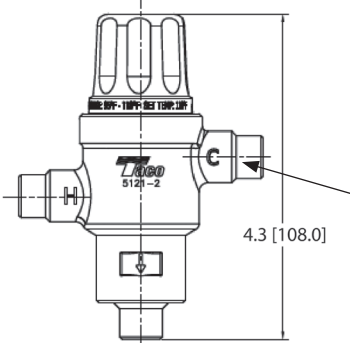
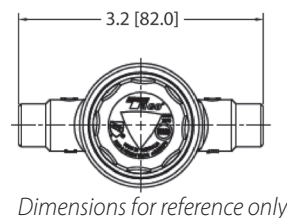
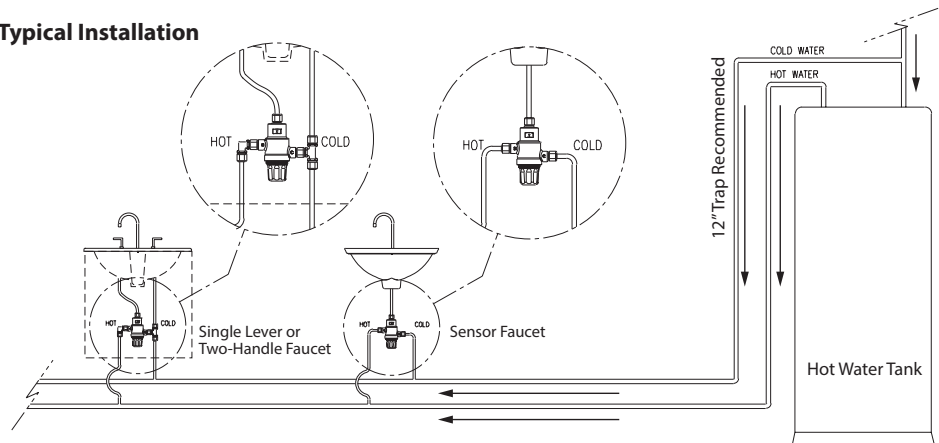
Piston: Engineered Polymer

Gaskets: EPDM

Application:

The 5121 Mixing Valve is a compact thermostatic valve designed to deliver tempered water at constant temperatures. It is specifically intended for use with individual faucets whenever an ASSE 1070 valve is required. The valves design and advanced thermostatic element ensures a stable mixed water temperature throughout the valves adjustable range and when used within the valves specifications.

Typical Installation



Approvals/Listings

ASSE 1070
cUPC
CSA B125.3



Model Numbers:

5121-F2 No Fittings
5121-L2 Includes Tee and Elbow

