

5121 Lead-Free Mixing Valve

The compact 5121 mixing valve is certified to ASSE 1070, CAS B125.3, NSF 61 and is listed by ASSE, CSA and IAPMO. The ASSE 1070 listing allows for point of use applications within homes, hospitals, schools, nursing homes, public facilities, etc. where a 1070 valve is required.



ASSE 1070
Certified



Certified to
NSF/ANSI/CAN 61
& 372



Submittal Data Information 5121 Lead-Free Mixing Valve

Submittal Data # 101-180
Supersedes: 06/01/16

Effective: 04/07/22

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

Approvals/Listings

ASSE 1070
cUPC
CSA B125.3



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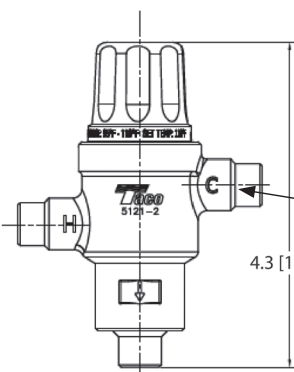
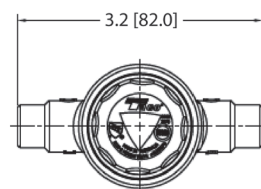
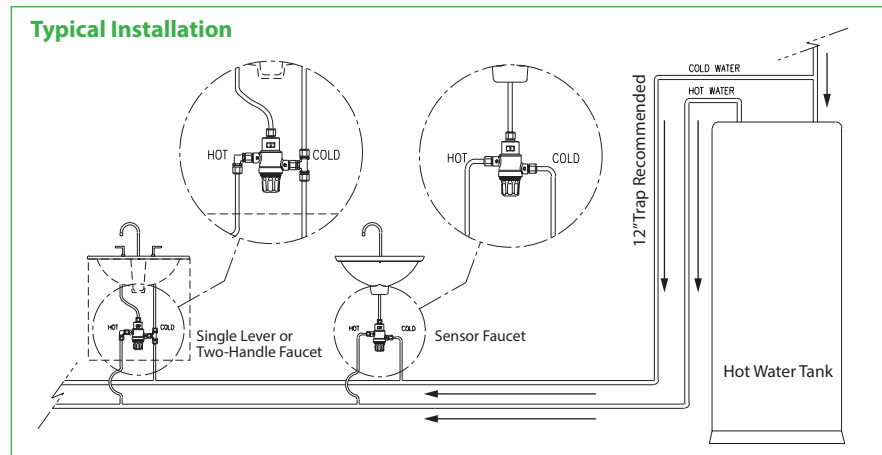


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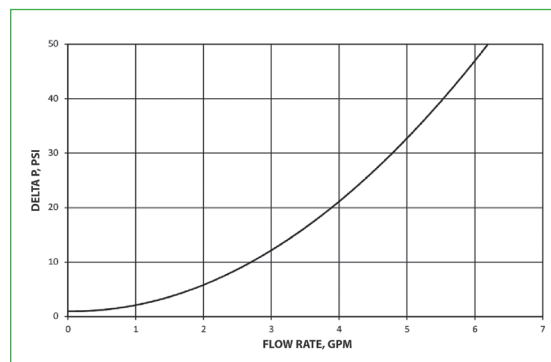
Application:

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



Dimensions for reference only



9/16 - 24 UNEF
use for 3/8" flexible
hose connection

Model Numbers:

5121-F2 No Fittings

5121-L2 Includes Tee and Elbow



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