

5120 Series Low Lead Mixing Valve

This NSF 61 approved mixing valve provides the ultimate performance for domestic hot water installations. The 5120 Series allows for domestic hot water storage at temperatures high enough to kill harmful bacteria and still be delivered at a safe 120°F or less.



Submittal Data Information 5120 Series Low Lead Mixing Valve

Submittal Data # 101-147

Effective: 07/30/10

Supersedes: New

Features

- ≤ .25% Lead
- NSF 61 Certified
- Suitable for use in Potable Water
- Available ½", ¾", 1"
- High Flow
- Snap on Protective Cover
- No Routine Maintenance Required

Performance

Cv:	½"	2.12
	¾"	1.63
	1"	1.37
Max. Flow:	½"	17 gpm
	¾"	18.5 gpm
	1"	20 gpm

Hot Supply Temperature:
104-210°F (60-100°C)

Cold Supply Temperature:
39-80°F (5-27°C)

Max. Inlet Pressure:
200 psi (13.8 Bar)

**Max. Differential Pressure
Between Hot and Cold:** 2:1

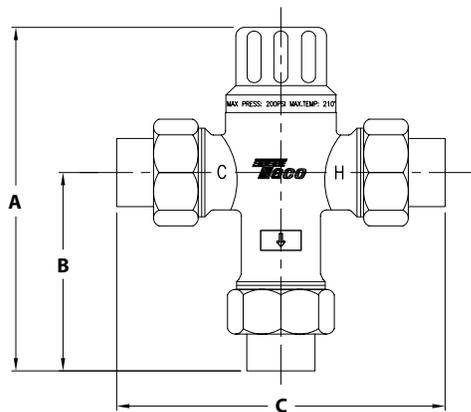
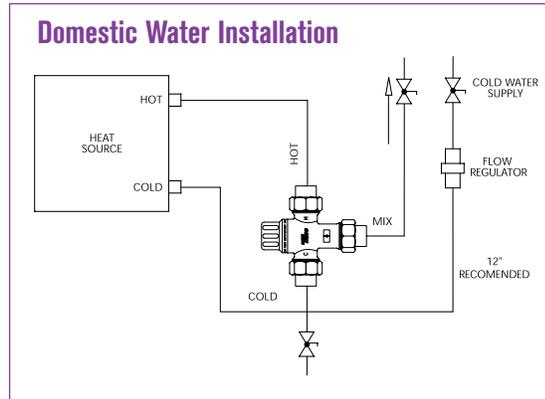
**Min. Temperature
Differential Between
Hot Supply and Mixed:** 25°F
(14°C)

Outlet Temperature Range:
95°-130°F (35-55°C)

Factory set to:
120°F (49°C)

Application:

The 5120 Series Mixing Valve is designed for use at the water heater to distribute controlled water temperatures to the domestic hot water system. The high flow, low head loss characteristics of the NSF 61 certified 5122 Series mixing valve make it ideal for use in the distribution of water through a domestic hot water system. The valve's unique design and advanced thermostatic element ensures a stable mixed water temperature throughout the valve's adjustable range.



DIMENSIONS FOR REFERENCE ONLY

TACO MODEL	VALVE SIZE	A	B	C
5122	½" (15 MM)	4.6 (117)	2.76 (70)	4.41 (112)
5123	¾" (20 MM)	4.85 (123)	3.00 (76)	4.88 (124)
5124	1" (25 MM)	6.03 (153)	4.17 (106)	7.24 (184)

Materials

- Body:** Forged Brass, Nickel Plated
- Internal Brass Components:** Brass
- Seals:** Viton
- Spring:** Stainless Steel
- Piston:** Polysulfone
- Fittings:** Brass, Copper (1")
- Gaskets:** EPDM

Approvals/Listings

- NSF 61
- ASSE 1017
- cUPC
- CSA125.3

