

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

Supersedes: New

Effective: 07/30/10

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)

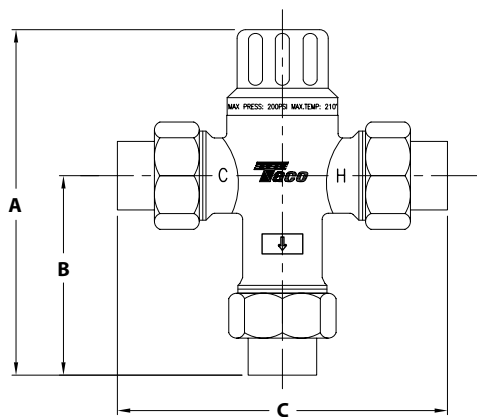
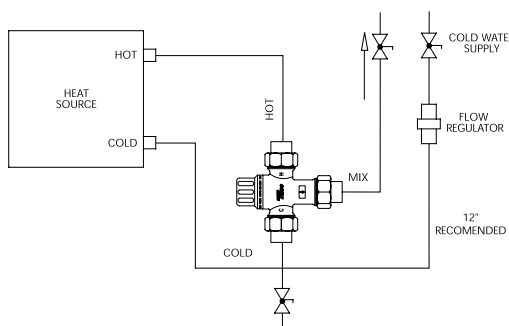
Factory set to:
 120°F (49°C)

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 valves unique design and advanced thermostatic element ensures a stable mixed water temperature throughout the valves adjustable range.

Domestic Water Installation



DIMENSIONS FOR REFERENCE ONLY

TACO MODEL	VALVE SIZE	A	B	C
5122	1/2" (15 MM)	4.6 (117)	2.76 (70)	4.41 (112)
5123	3/4" (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

