



Submittal Data Information

101-163

5123-WH Lead-Free Mixing Valve

Supersedes: New

Effective: August 27, 2013

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

ITEM NO.	MODEL NO.	

Features

≤ .25% lead
 Dual Listed for ASSE 1017 and 1070
 UPC Certified
 Suitable for use in Potable Water
 Check Valves Included
 Port for recirculation return line
 No Routine Maintenance Required
 Lockable Max. Temperature Setting
 Outlet Temperature Strip

Performance

Cv: 1.2
 Max. Flow: 12GPM (45.4 L/min)¹
¹Flow should never exceed standards for pipe size
 Min. Flow: 1GPM (3.8 L/min)
 Hot Supply Temperature: 120-180°F (49-82°C)
 Cold Supply Temperature: 39-80°F (5-27°C)
 Max. Inlet Pressure: 230 psi (15.9 Bar)
 Max. Variation in Supply Pressure: 20%
 Min. Temperature Differential Between Hot Supply and Mixed: 27°F (15°C)
 Outlet Temperature Range: 85-120°F (29-49°C)
 Factory set to: 115-120°F (46-49°C)
 Accuracy of Outlet Temperature: (±) 3° F

Materials

Body: Forged Brass
 Internal Components: ≤ .25% lead Brass, Noryl GFN2
 Seals: Viton, EPDM
 Spring: Stainless Steel
 Piston: Polysulfone
 Gaskets: EPDM

Approvals/Listings

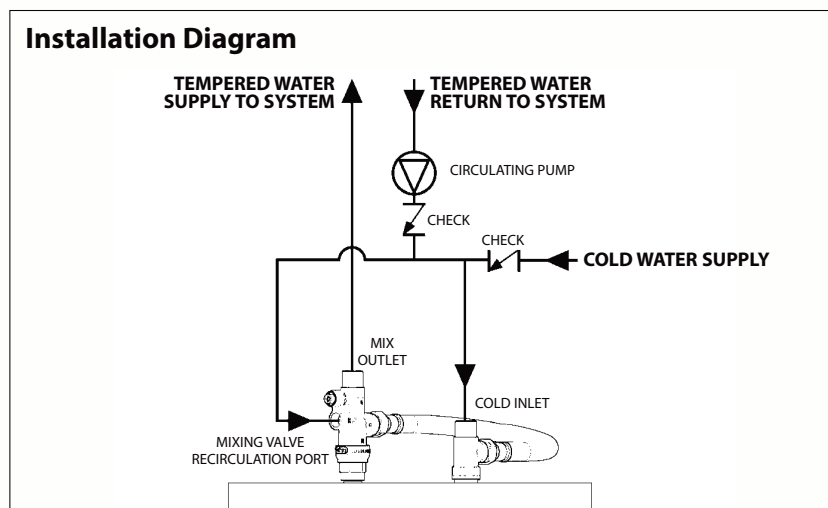
ASSE 1017, ASSE 1070
 cUPC
 CSA125.3



Application:

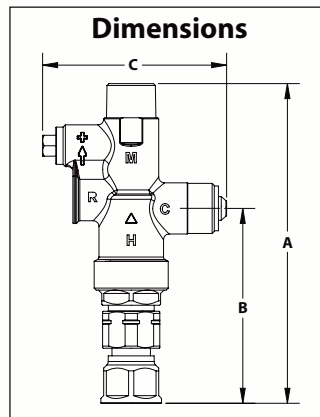
The 5123-WH is specifically designed to be mounted directly on the water heater for a fast and simple installation. Ease of installation is the goal of this mixing valve. To help to accomplish this a recirculation port is included right on the valve. This allows the return leg of the recirculation system to be connected directly to the mixing valve, eliminating a secondary connection point.

Installation Diagram

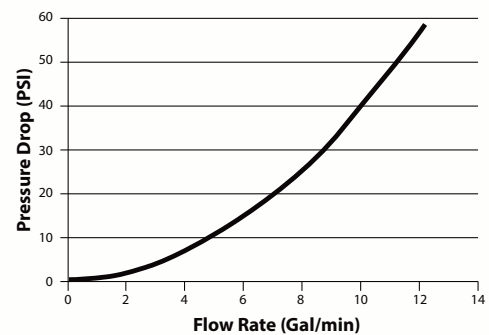


NOTE: This diagram is a guideline only. Any installation of a recirculated system should be undertaken by a qualified tradesman, and in accordance with the relevant codes and State, Provincial and Local Authority requirements. Performance of the system will be dependent on the other components specified within it.

Dimensions



Flow Curve



Taco Model	Description	A Height		B Lower Height		C Width	
		In.	mm	In.	mm	In.	mm
5123-WH-N	3/4" NPT X 3/4" NPT X 3/4" NPSH	6.6	167.6	4.0	101.6	3.5	88.9

Dimensions for reference only



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