

Model P6900-TMV-1

Aqua-Gard Thermaostatic Mixing Valve



Certified to NSF/ANSI 61
Section 9-G

FEATURES

Sizes: ☐ 3/8"

Chrome Plated

Outlet Temp. Range

Temperature Hot Supply

95-115°F(35-46°C)

120-195°F max.

(49-90.5°C)

Temperature Cold Supply

40-75°F(4.4-23.8°C)

Set Temperature Accuracy

+/- 3°F(1.78°C)

Max. Working Pressure (inlet)

145 psi

Temperature must be field set

Max. Pressure Differential is 15 psi between Hot & Cold inlets

Flow rate @ 45 psi pressure loss 3.10 gpm

Min. Flow Rate 0.5 gpm

Integral check valves and strainer screen on hot and cold supply

APPLICATION

Ideal for use where lead free* valves are required. The Zurn Model P6900-TMV-1 Thermostatic mixing valve is designed to be installed at the point of use under sinks and sensor faucets to assist in the prevention of scalding. The valves rapid response and precise temperature control meet the stringent standards of ASSE 1070 listed for fixtures, sinks, lavatories or bathtubs. The P6900-TMV-1 will mix hot and cold water from the distribution system to a final safer temperature outlet range of 95-115F (35-46C). The 3/8" compression fittings make this valve ideal for residential and commercial applications.

STANDARDS COMPLIANCE

- ASSE® Listed 1070
- CSA® Certified
- NSF® Listed-Standard 61, Section 9, Annex G

LEAD PLUMBING LAW COMPLIANCE

*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

- Lead Plumbing Law Certified by IAPMO R&T
- Annex G Certified by NSF International

MATERIALS

Body

Bronze JIS H5120

CAC902 w/Chrome Plating

ASTM B 456 Service Condition #2

ASTM B 927 UNS C27450

Polysulfone

Noryl GFN2

300 Series Stainless Steel

Viton

Acetal Co-Polymer

Internal brass

Piston

Guide Tube

Spring

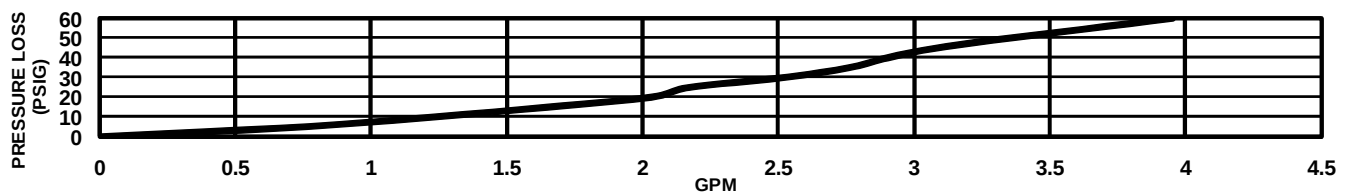
Seals

Checks

DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE		MODEL	DIMENSIONS (approximate)												WEIGHT	
			A		B		C		D		E		F			
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg.
3/8	9.5	P6900-TMV-1	4 27/32	123	4 3/16	106.3	5 55/64	149	2 1/32	52	2 27/32	72.2	2 1/2	64	1.2	0.6

MODEL P6900-TMV-1

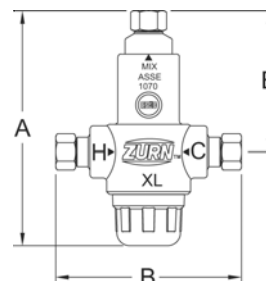


PIPING INSTRUCTIONS

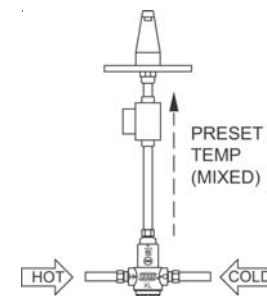
The device is designed to be installed at a single outlet. It may be used to supply individual outlets when there is sufficient supply pressure. It is suggested to use ball valves on the hot and cold inlet supplies.

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SINGLE
USE
P6900-TMV-1