

SPECIFICATION SUBMITTAL SHEET



Certified to NSF/ANSI 61 Section 9-G

APPLICATION

Ideal for use where lead free* valves are required. The Wilkins Model ZW3870XLT Aqua-Gard 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 valve's rapid response and precise temperature control meet the stringent standards of ASSE 1070 listed for fixtures, sinks, lavatories or bathtubs. The ZW3870XLT will mix hot and cold water from the distribution system to a final safer temperature outlet range of 95-115°F (35-46°C). 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

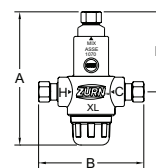
MATERIALS

Body	Bronze JIS H5120 CAC902 w/chrome plating
Internal brass	ASTM B 456 Service Condition #2
Piston	ASTM B 927 UNS C27450
Guide Tube	Polysufone
Spring	Noryl GFN2
Seals	300 Series Stainless Steel
Checks	Viton Acetal Co-Polymer

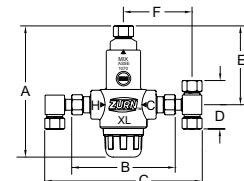
FEATURES

- Sizes: □ 3/8"
- Chrome Plated
- Outlet Temp. Range: 95-115°F (35-46°C)
- Temperature Hot Supply: 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

- ZW3870XLT 3 PORT (1 Hot in, 1 Cold in, 1 Mixed out)
- ZW3870XLT-4P 4 PORT (1 Hot in, 1 Cold in, 1 Cold out, 1 Mixed out.)



ZW3870XLT



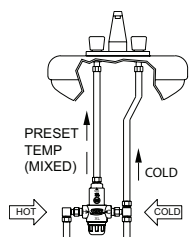
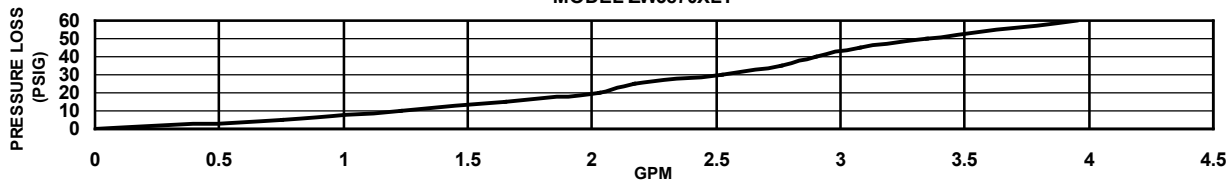
ZW3870XLT-4P

DIMENSIONS & WEIGHTS (do not include pkg.)

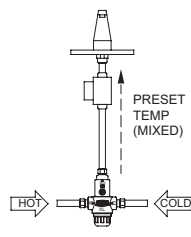
SIZE		MODEL	DIMENSIONS (approximate)										WEIGHT			
in.	mm		A		B		C		D		E		F		lbs.	kg.
3/8	9.5	ZW3870XLT	4 27/32	123	4 3/16	106.3	5 55/64	149	2 1/32	52	2 27/32	72.2	2 1/2	64	1.2	.6

FLOW CHARACTERISTIC

MODEL ZW3870XLT



INDIVIDUAL USE
ZW3870XLT-4P



SINGLE USE
ZW3870XLT

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.