

### SPECIFICATION SUBMITTAL SHEET



#### 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. Working Pressure (Dynamic) 1.5-70 psi  
 Flow rate @ 45 psi pressure loss 3.10 gpm  
 Min. Flow Rate 0.5 gpm

ZW3870T 3 PORT (1 Hot in, 1 Cold in, 1 Mixed out)  
 ZW3870T-4P 4 PORT (1 Hot in, 1 Cold in, 1 Cold out, 1 Mixed out.)

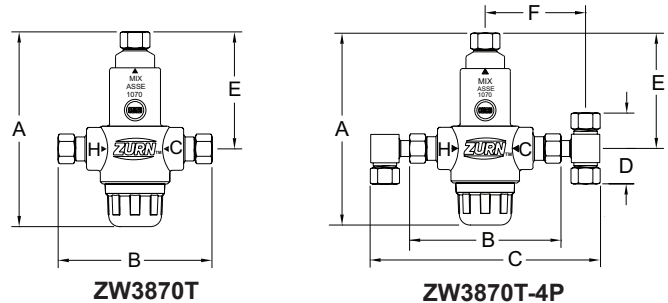
#### APPLICATION

The Wilkins Model ZW3870T 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 valves rapid response and precise temperature control meet the stringent standards of ASSE 1016-1996. The ZW3870T 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.

- ASSE® Listed 1016, 1996 edition
- ASSE® Listed 1070
- CSA® Certified

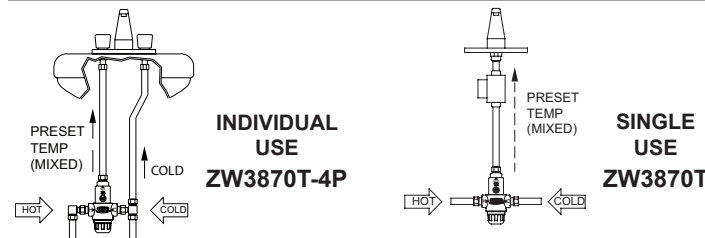
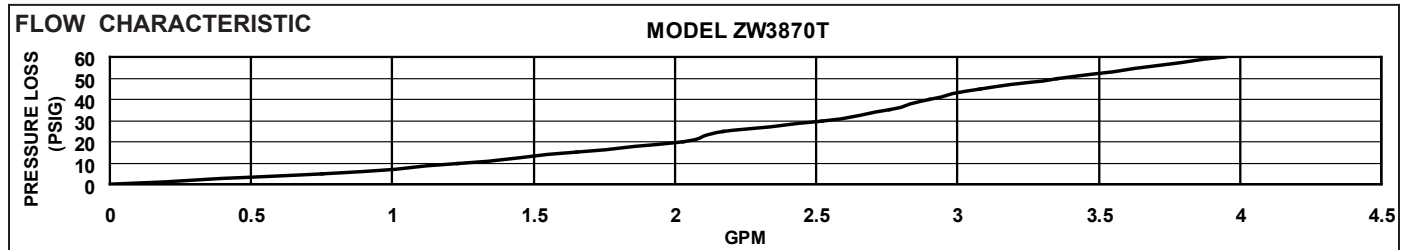
#### MATERIALS

Body Bronze ASTM B 584  
 UNS C84400 w/chrome plating  
 ASTM B 456 Service Condition #2  
 Internal brass  
 Piston Polysufone  
 Guide Tube Noryl GFN2  
 Spring 300 Series Stainless Steel  
 Seals Viton  
 Checks Acetal Co-Polymer



#### DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE	MODEL	DIMENSIONS (approximate)												WEIGHT		
		A		B		C		D		E		F		lbs.	kg.	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm			
3/8	9.5	ZW3870T	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



#### 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.