Thermostatic

Model 320

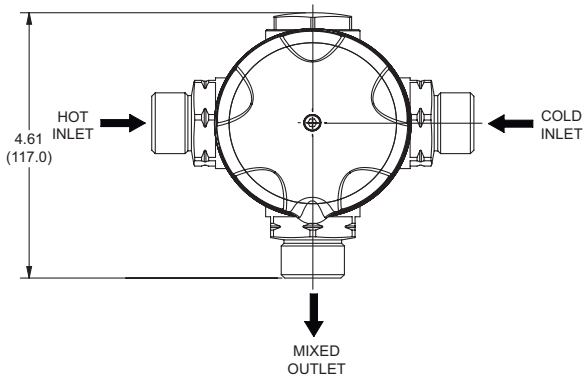
Thermostatic Mixing Valve of “sealed for life” disposable cartridge construction. Compact design with top and/or bottom blended water outlet makes the Model 320 ideal for recessed enclosure, plumbing chase and utility/mechanical room installation.

Complete operating mechanism of valve is enclosed in a durable polymer cartridge for ease of field maintenance. Powerful internal mechanism and non metallic wetted parts resist mineral deposition.

Capable of close temperature control at diverse flow rates between 1 gpm (3.8 lpm) and 24 gpm (91 lpm). Able to blend within 5°F (2°C) of either inlet supply due to “low seepage” across internal proportioning mechanism.

Operational Specifications

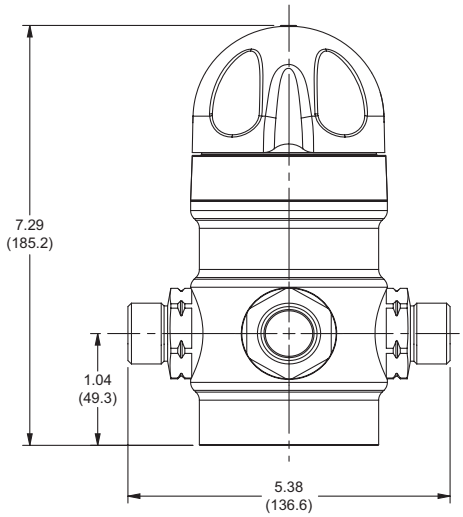
- Dual thermostatic elements provide redundancy in the event of individual thermostat failure
- Typical outlet temperature control +/-2°F
- Adjustable maximum temperature limit stop
- Adjustable single temperature lockout
- Thermal shutdown mode upon inlet supply failure



Technical Specifications

- 3/4” MNPT inlets and 3/4” MNPT outlet
- Chrome-plated brass/polymer construction
- Lead Free compliant
- Operating pressures
  - Maximum: 150 psig (10 barg)
  - Minimum: 10 psig (.7 barg)
- Integral inlet check valves and strainers
- ASSE 1017 and CSA B125 certified
- Shipping weight 10 lbs (4.5 kg)

For a submittal drawing, refer to D81520.



Thermostatic Mixing Valves (GPM and PSIG)												
Model 320	Pressure Drop (PSIG)										Min. Flow	C_v
	5	10	15	20	25	30	35	40	45	50		
GPM	8	11	13	15	17	19	20	22	23	24	1.0	3.4

Thermostatic Mixing Valves (LPM and BARG)												
Model 320	Pressure Drop (BARG)										Min. Flow	C_v
	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4		
LPM	30.3	41.6	49.2	56.8	64.4	71.9	75.7	83.3	87.1	90.8	3.8	3.4

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