

# Water Temperature Control - Groups of Fixtures

## Thermostatic

### Rada 320

Rada Thermostatic Mixing Valve of “sealed for life” disposable cartridge construction. Compact design with top and/or bottom blended water outlet makes Rada 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) 24 gpm (91 lpm). Able to blend within 5°F (2°C) of either inlet supply due to “low seepage” across internal proportioning mechanism.

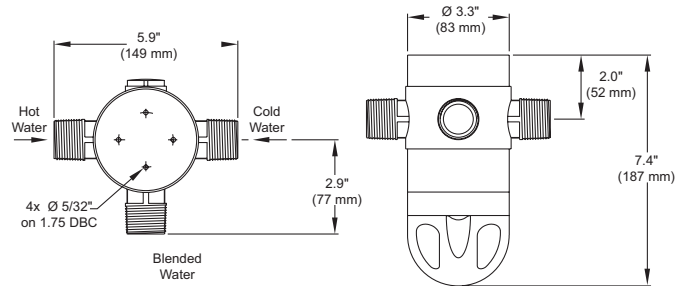


### Operational Specifications

- 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

- 1” NPT inlets and 1” NPT outlet
- Chrome-plated Dezincification Resistant (DZR) brass/polymer construction
- Operating pressures
  - Maximum: 150 psi (10 bar)
  - Minimum: 10 psi (.7 bar)
- 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 CDLW1061.

Rada Thermostatic Mixing Valves (gpm)												
Model	Pressure Drop (psi)										Min. Flow	C <sub>v</sub>
	5	10	15	20	25	30	35	40	45	50		
320	8	11	13	15	17	19	20	22	23	24	1	3.4
425	15	22	27	31	35	38	41	44	46	49	2	6.9

*All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.*