



Armstrong® Rada® Single Point & Zoned/Group Control Systems

Rada 215

Rada Thermostatic Mixing Valve of “sealed for life” replaceable cartridge construction. Compact design is ideally suited to recessed enclosure, plumbing chase and mechanical room installations or as console, deck or wall mount unit for tub fill and shower applications. Complete operating mechanism of valve is enclosed in a durable disposable polymer cartridge for ease of maintenance. Powerful internal movement of the hot and cold water proportioning assembly ensures resistance to high mineral content water. Capable of close temperature control at full (12 gpm/45 lpm) and reduced (.5 gpm/1.9 lpm) flow rates. Unit is designed for surface mount installation and is supplied as standard with a tamperproof single temperature “locking” shroud **and** variable temperature control trim set.*

* Use of the trim set allows for full temperature control to within 5°F (2°C) of either inlet supply along with an integral maximum temperature limit stop and single temperature locking option.



Rada 215 Offers:

Safety. Integral check valves to prevent cross connection. A maximum temperature limiting feature and automatic shutdown in the event of an inlet supply failure.

Economy. New technology and state-of-the-art materials reduce cost. Single “no spare parts” replaceable cartridge design reduces field maintenance and parts stocking requirements.

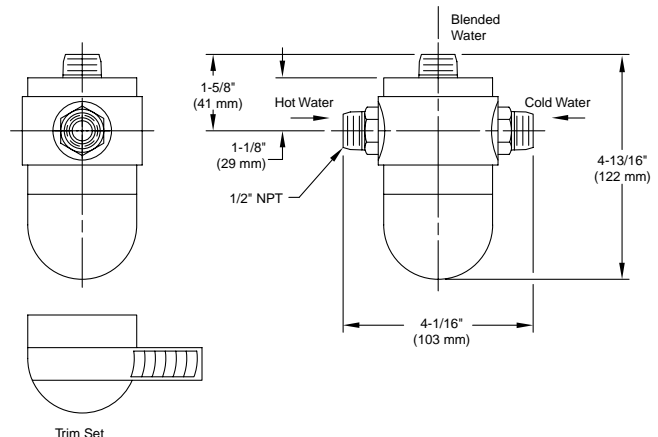
Comfort. Maintains a steady outlet temperature by constant internal monitoring and correcting of inlet supply temperature and pressure fluctuations.

Technical Specifications

- 1/2" (15 mm) NPT inlets and 1/2" (15 mm) NPT outlet
- DZR brass/stainless alloy/polymer construction
- Operating pressures
 - Maximum: 150 psi (10 bar)
 - Minimum: 10 psi (.7 bar)
- Maximum pressure loss ratio: 10 to 1**
- Flow coefficient (C_v) 1.74
- Integral inlet check valves and strainers
- Shipping weight 4 lbs (1.8 kg)

** Ratio of inlet pressures accounting for restrictions on valve outlet (minus back pressure)

For a fully detailed certified drawing, refer to CDLW #1057.



Water Heating and Mixing

Rada Thermostatic Mixing Valves (gpm)												
Model	Pressure Drop (psi)										Min. Flow	C _v
	5	10	15	20	25	30	35	40	45	50		
110	—	.75	—	1.25	—	1.75	—	2.25	—	2.5	.5	.25
215	4	5	7	8	9	9	10	11	11	12	.5	1.7
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
40	36	51	62	72	—	—	—	—	—	—	2	16.0
50	49	70	85	98	—	—	—	—	—	—	2	22.0

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