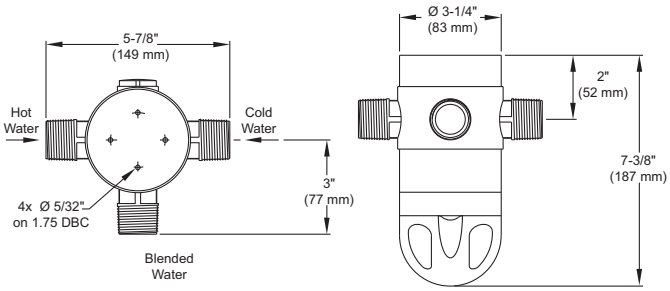
Thermostatic

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 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 CDLW #1061.

Rada Thermostatic Mixing Valves (gpm)

Model	Pressure Drop (psi)										Min. Flow	C_v
	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
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.

Thermostatic

Rada 320D

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

Complete operating mechanism of valve is enclosed in 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.

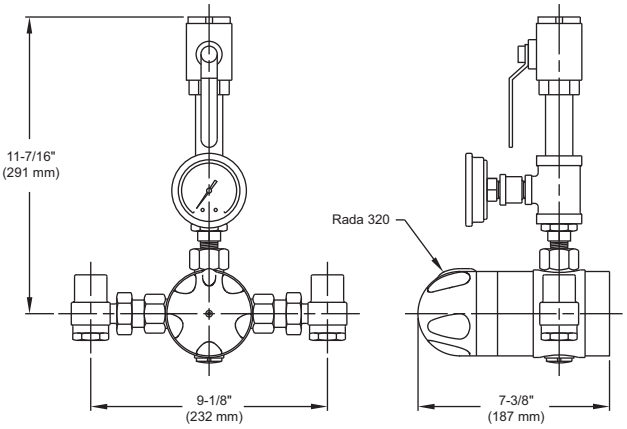
Operational Specifications

- 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” NPT inlets and 3/4” NPT outlet
- Chrome-plated DZR brass/polymer construction with self-finish brass and bronze components (320D) or with nickel-plated components (320DC)
- Operating pressures
  - Maximum: 150 psi (10 bar)
  - Minimum: 10 psi (.7 bar)
- Integral combination inlet check stop/union/strainers
- Outlet thermometer and outlet flow control valve
- ASSE 1017 and CSA B125 certified
- Shipping weight 10 lbs (4.5 kg)

For a submittal drawing, refer to CDLW #1102.



Rada Thermostatic Mixing Valves (gpm)												
Model	Pressure Drop (psi)										Min. Flow	C_v
	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
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.

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armstronginternational.com

Thermostatic

Rada 320-FMC

Rada Thermostatic Mixing Valve for remote/secure cabinet mount “dead leg” group fixture control. Rada 320 is ideal for this application due to its low service, single “sealed for life” disposable cartridge construction, low inlet to outlet temperature differential requirement and low flow single fixture control capability.

Rada 320-FMC is supplied as standard* fully assembled and pressure tested in an 26” x 30” x 10” stainless steel recessed cabinet with a 2” flange. Cabinet has a polished stainless steel piano-hinged door with a keyed cylinder lock.

Rada 320-FMC is supplied as standard under this model number for top inlet hot and cold water supplies and a top outlet with a left hand hinged door as indicated in adjacent drawing.

Rada 320-FMC can be specified/ordered with the following piping configurations under the following model numbers:

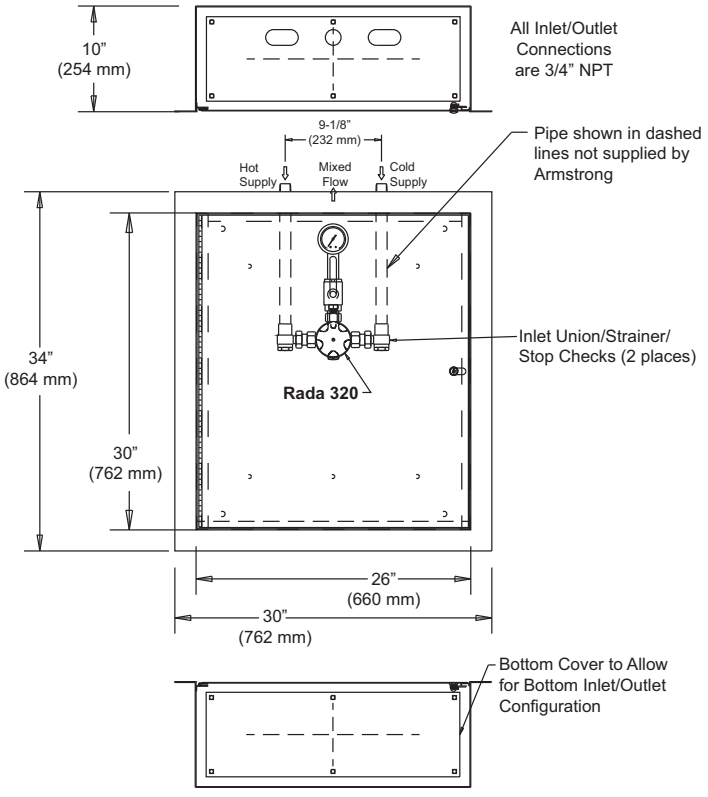
Top inlets/bottom outlet	320-FMC-TB
Bottom inlets/bottom outlet	320-FMC-BB
Bottom inlets/top outlet	320-FMC-BT

Technical Specifications

- 3/4” NPT inlets and 3/4” NPT outlet
- Cabinet construction: 18 gauge #4 finish stainless steel
- Cabinet options:
  - Premium: Stainless steel 14 gauge #4 finish
  - Baked Enamel: White enameled steel 18 gauge
- Cabinet outer flange 2”
- Integral thermometer
- Integral check stop/strainer/unions
- Refer to Rada 320, page 19, for mixing valve operational and technical specifications.
- Outlet stop valve
- Shipping weight 58 lbs (22 kg)

NOTE: Available as above in a Surface Mounted Cabinet of the same size and specification, less recess flange, under model number 320-SMC.

For a submittal drawing, refer to CDLW #1070.



White enameled steel 18 gauge available upon request.

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