



Water Temperature Control - Groups of Fixtures

Thermostatic

Model 425R

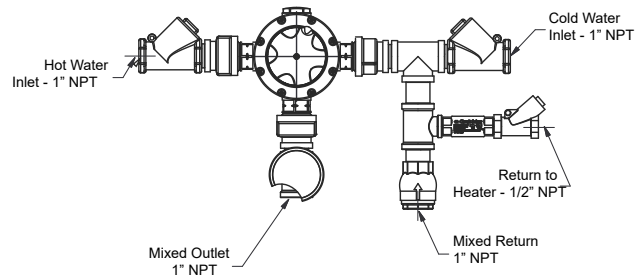
Thermostatic Mixing Valve is designed specifically to be installed as the primary control valve within a pumped recirculation system. Capable of maintaining safe, accurate water temperatures during both peak and zero-demand "idling" periods. With a Model 425R installed as the primary temperature controller within a pumped recirculation system, there will be a zero minimum blended water flow rate/draw-off requirement. The Model 425R features a unique integral thermostatic return limiter that maintains recirculating water temperatures within the circuit. Thermostatic return limiters eliminate the requirement for a fitted aquastat and reduce cycling wear and tear on the circulating pump.

Operational Specifications

- Dual thermostatic elements provide redundancy in the event of individual thermostat failure
- Typical system temperature control $\pm 5^{\circ}\text{F}$
- Adjustable maximum temperature limit stop
- Single temperature locking feature

Technical Specifications

- 1" MNPT inlets and 1" MNPT outlet
- **Lead Free compliant**
- Operating pressures
 - Maximum: 150 psi (10 bar)
 - Minimum: 10 psi (.7 bar)
- Integral thermometer
- Integral check valves and strainers
- Integral thermostatic return limiter
- ASSE 1017 and CSA B125 certified
- Shipping weight 29 lbs (13 kg)



For a submittal drawing, refer to:
 D76003 Temps $\leq 125^{\circ}\text{F}$
 D76004 Temps $> 125^{\circ}\text{F}$

Thermostatic Mixing Valves (GPM and PSI)						
Model	Pressure Drop (PSI)				Min. Flow	C_v
	5	10	15	20		
425R	15	22	27	31	0	6.9

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit armstronginternational.com for up-to-date information.

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