



Armstrong® Water Temperature Control - Recirculation Systems

Thermostatic



- +/- 5°F Temperature Stability to fixture (Return Limiter)
- Accuracy at Low Flow Rates
- Maximum Temperature Locking Feature
- Single Replacement Cartridge

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Water Temperature Control - Recirculation Systems - Thermostatic features four individual Thermostatic Mixing Valve assemblies and two packaged systems designed for use in pumped recirculating hot water systems.

The complete range has been designed to offer accurate temperature control in applications where there are diverse flow requirements up to 288 gpm (1,090 lpm).*

All valves and valve packages designed for recirculation system control are identified with the suffix R.

Sizing

To size, simply match the required flow rate on the charts below with the pressure drop that the existing system can accommodate or the new system design specifies. Armstrong refers to the Modified Hunter Curve, where applicable, when determining system flow requirements.

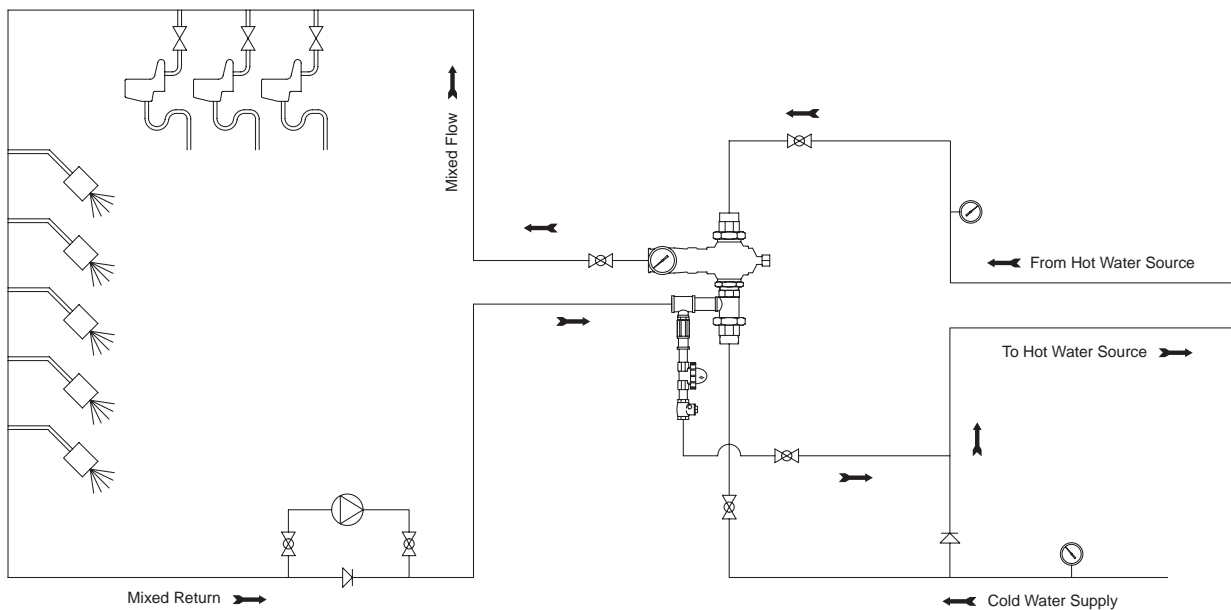
* Consult factory for customized Rada packages for flow requirements in excess of 288 gpm (1,090 lpm).

Rada Thermostatic Mixing Valves (gpm)

Model	Pressure Drop (psi)				Min. System Draw-off	Maximum Flow @9'/sec.	C _v
	5	10	15	20			
320R	8	11	13	15	0	16	3.4
425R	15	22	27	31	0	26	6.9
40R	36	51	62	72	0	58	16.0
50R	49	70	85	98	0	98	22.0

Rada Packages (gpm)

Model	Pressure Drop (psi)				Min. System Draw-off	Maximum Flow @9'/sec.	C _v
	5	10	15	20			
50R-50R	97	137	168	193	0	193	42.4
50R-50R-50R	144	204	250	288	0	288	63.6



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