

PRODUCT SUBMITTAL 400

Product: **Thermostatic 3-Way Mixing Valves**
Date: **02 October 2012 (supersedes 03 June 2009)**



Article No.	Nominal Connection Size	Connection Type	Cv	Temperature Range	
				Fahrenheit	Celsius
234037	3/4 in.	NPT	1.9	85 to 160°F	19 to 71°C
234047	3/4 in.	Compression	1.8	95 to 140°F	35 to 60°C
260068-001	1 in.	Compression	4.1	95 to 140°F	35 to 60°C

TECHNICAL DESCRIPTION

Material	All parts fabricated of corrosion-resistant material; brass body
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FUNCTIONAL DESCRIPTION

Thermostatic mixing valves control supply water temperature for small-sized radiant heating systems. Sensing element, a wax/copper compound mounted within the valve body, provides rapid stabilization of supply water temperature. Temperature is adjusted with the knob located at the top of the valve body. For feedback on temperature adjustments, place a thermometer (Art. 260957, 260967) downstream of the valve. Compression-type fitting for copper distribution piping or NPT type for threaded pipe. Size valve based on Cv rating (GPM @ 1 psi pressure loss, 2.3 feet head loss).

Specifications:

- Maximum input temperature: 195°F (90°C)
- Regulated output temperature range: As listed
- Maximum working pressure: 145 psi (10 bar; 1 MPa)
- Regulation accuracy: +/- 3.6°F (2°C) at a minimum flow of 0.5 GPM (2 l/m)
- Material: All parts fabricated of corrosion-resistant material; brass body

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