



Location:

TempControl®



7-200 Thermostatic Mixing Valve Specification Submittal

| | |
|---|---|
| <p>Specification</p> <p>TempControl thermostatic mixing valve made from lead free** metal components. Features serviceable integral check stops (see table 1 for flow rates).</p> <p>Temperature control range: 70°F - 150°F (21.1°C - 65.6°C)</p> <p>Approach temperature: 5°F (-15°C)</p> <p><small>**According to US Senate bill S.3874, the term "lead free" is defined as follows: "not more than a weighted average of 0.25 percent lead when used with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures"</small></p> | <p>Modifications</p> <ul style="list-style-type: none"> <input type="checkbox"/> -NI Rough nickel finish <input type="checkbox"/> -P Polished chrome highlight finish <input type="checkbox"/> -W Wall mounting bracket <p>Note: Append appropriate -suffix to model number.</p> <hr/> <p>Coordinating Model Numbers</p> <ul style="list-style-type: none"> <input type="checkbox"/> T-425-200 3" bimetal dial thermometer <input type="checkbox"/> BV-200 Volume control shut-off valve <input type="checkbox"/> SV-200 Solenoid valve <input type="checkbox"/> TF-200 Tee fitting <input type="checkbox"/> WHA-1 Water hammer arrestor |
| <p>Compliance</p> <p>-ASME A112.18.3/CSA B125.3-12 -ASSE 1017 -NSF/ANSI 61.9, NSF/ANSI 372</p> | <p>Warranty</p> <p>Limited Lifetime - to the original end purchaser in consumer/residential installations. 5 Years - for industrial/commercial installations. Refer to www.symmons.com/warranty for complete warranty information.</p> |

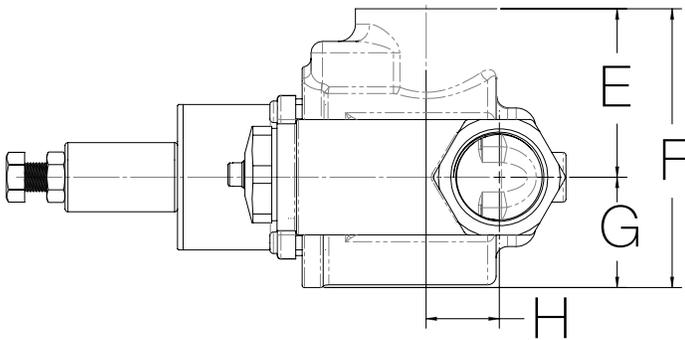
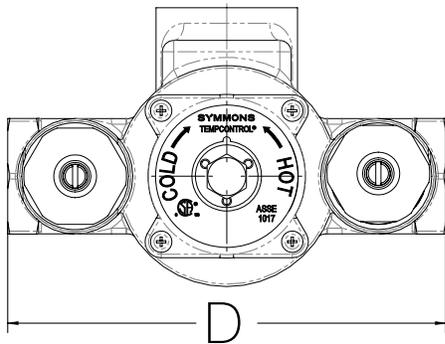
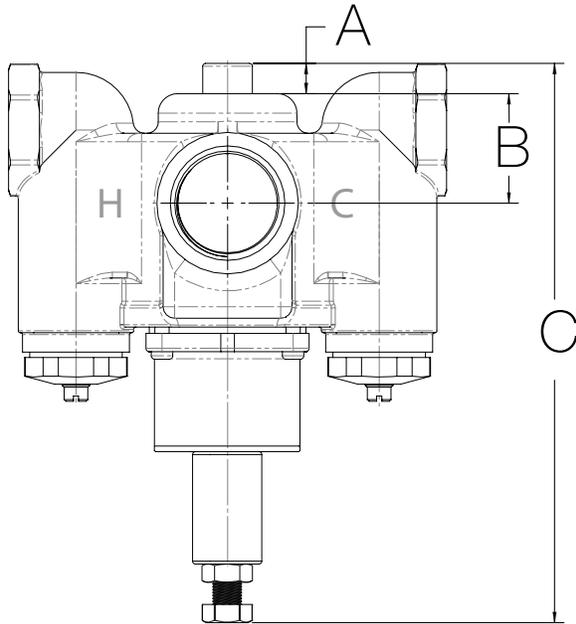


Flow Rate Chart

| TABLE 1: FLOW RATE - gpm (L/min) | | | | | | | | |
|----------------------------------|---------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| VALVE MODEL | MIN. FLOW RATE* | MIN. FLOW RATE | PRESSURE DIFFERENTIAL - psi (kPa) | | | | | |
| | | | 5 psi (34 kPa) | 10 psi (69 kPa) | 20 psi (138 kPa) | 25 psi (172 kPa) | 30 psi (207 kPa) | 45 psi (310 kPa) |
| 7-200 | 0.5 gpm (1.9 L/min) | 5 gpm (19 L/min) | 7 gpm (27 L/min) | 12 gpm (46 L/min) | 18 gpm (68 L/min) | 21 gpm (80 L/min) | 23 gpm (87 L/min) | 27 gpm (102 L/min) |

*Minimum flow rate when valve is installed at or near the hot water source with recirculated tempered water and continuously operating circulating pump.

Dimensions



| TempControl Valve Sizes | | |
|-------------------------|------------------|--------|
| Model No. | Inlet | Outlet |
| 7-200 | 3/4" | 3/4" |
| Measurements | | |
| A | 1/2", 13 mm | |
| B | 1-7/8", 46 mm | |
| C | 8-15/16", 226 mm | |
| D | 5-15/16", 150 mm | |
| E | 2", 51 mm | |
| F | 3-5/16", 84 mm | |
| G | 1-5/16", 33 mm | |
| H | 11/16", 17 mm | |

Note: Dimensions subject to change without notice.