



7-200
TempControl 7 Series
Specification Submittal

Coordinating Model Numbers		Specification
☐ HTA-100	High temp audio/visual alarm system	TempControl thermostatic mixing valve made from lead free** metal components. Features serviceable integral check stops (see table 1 for flow rates). Temperature control range: 70°F - 150°F (21.1°C - 65.6°C) Approach temperature: 5°F (-15°C) **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”
☐ T-425-200	3” bimetal dial thermometer	
☐ BV-200	Volume control shut off valve	
☐ SV-200	Solenoid valve	
☐ TF-200	Tee fitting	
☐ WHA-1	Water hammer arrestor	
Configurations		Compliance
☐ A	Valve and piping assembly	-ASME A112.18.1/CSA B125.1 -CSA B125.3 -ASSE 1017 -CA 116875 (AB 1953) -NSF 372 -US S.3874  C LLC US
☐ B	Valve and piping in cabinet	
☐ BW	Valve and piping in cabinet with cold water bypass	
		Warranty
		5 Years - for commercial installations. Refer to www.symmons.com/warranty for complete warranty information.
Note: Append appropriate suffix to model number.		



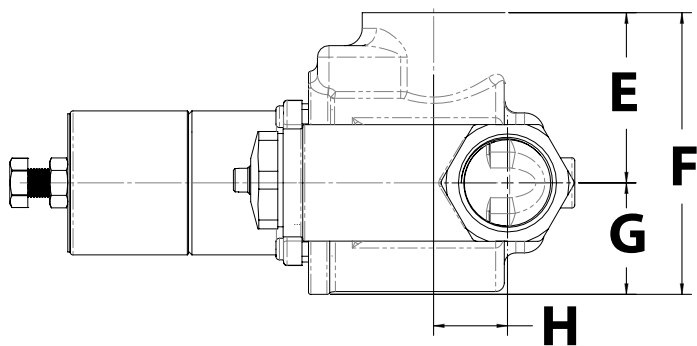
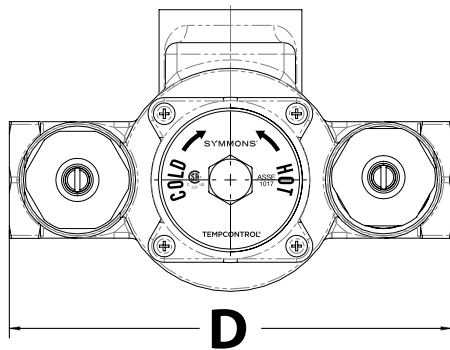
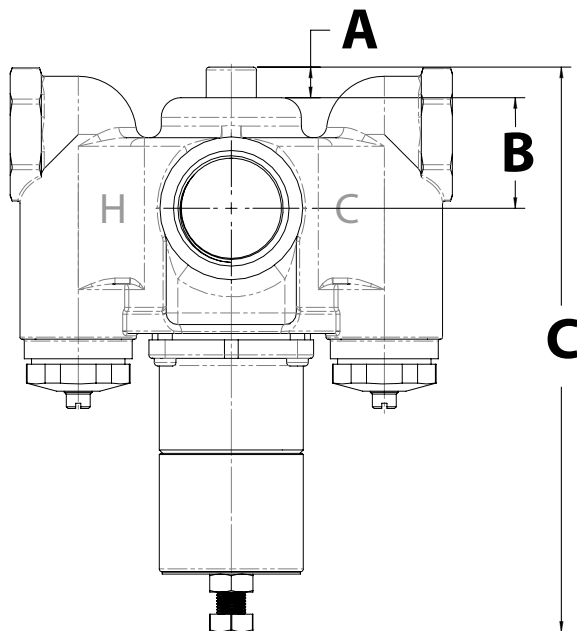
Note:
Append appropriate suffix to model number.

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.

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Dimensions



TempControl Valve Sizes		
Model No.	Inlet	Outlet
7-200	3/4"	3/4"
Measurements		
Dimension	7-200	
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 are subject to change without notice.