

**7-225, 7-230 Series
Maxline
Specification Submittal**

Model Numbers		Specification
☐ 7-225-CK-MS	<i>Connections: 1/2" male NPT 1/2" female sweat</i>	Water temperature limiting valve including integral checks and dual stainless steel strainers for double protection against suspended particles in supply lines. Valve made from lead free* metal components (see table 1 for flow rates). Temperature control range: 60°F - 140°F (15.6°C - 60°C) Minimum supply pressure: 20 psi (138 kPa) Maximum supply pressure: 125 psi (862 kPa) Inlet to outlet temperature differential: 10°F (5.55°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"
☐ 7-225-CK-F	<i>Connections: 1/2" female NPT</i>	
☐ 7-225-CK-PEX	<i>Connections: 1/2" PEX</i>	
☐ 7-230-CK-M	<i>Connections: 3/4" male NPT</i>	
☐ 7-230-CK-FS	<i>Connections: 3/4" female sweat</i>	
Modifications		Compliance -ASME A112.18.1; CSA B125.1 -ASSE 1017; CSA B125.3 -ASSE 1070; CSA B125.3 -CA 116875 (AB 1953) -NSF/ANSI 61.9; NSF/ANSI 372 -US S.3874 
☐ -B	<i>Wall cabinet in white enamel finish including wall mounting bracket</i>	
☐ -NI	<i>Nickel plated</i>	
☐ -T	<i>Stainless steel cabinet in place of standard white cabinet</i>	
☐ -W	<i>Wall mounting bracket</i>	
☐ -X	<i>Separate Stops (7-225-CK-MS only)</i>	
Note: Append appropriate -suffix to model number.		
Warranty		
5 Years - for commercial installations.		
Refer to www.symmons.com/warranty for complete warranty information.		

Table 1: Flow Rate - gpm (L/min)

Valve Model	Size Connection	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)
7-225-CK-MS	1/2" Male NPT	0.5 gpm (1.9 L/min)	4.5 gpm (17.1 L/min)	7.0 gpm (26.6 L/min)	9.5 gpm (36.1 L/min)	10.5 gpm (39.9 L/min)	12.0 gpm (45.6 L/min)	14.0 gpm (53.2 L/min)
	1/2" Female Sweat (13 mm)							
7-225-CK-F	1/2" Female NPT (13 mm)	0.5 gpm (1.9 L/min)	4.5 gpm (17.1 L/min)	7.0 gpm (26.6 L/min)	9.5 gpm (36.1 L/min)	10.5 gpm (39.9 L/min)	12.0 gpm (45.6 L/min)	14.0 gpm (53.2 L/min)
7-225-CK-PEX	1/2" PEX (13 mm)	0.5 gpm (1.9 L/min)	3.5 gpm (13.3 L/min)	5.5 gpm (20.9 L/min)	8.0 gpm (30.4 L/min)	8.5 gpm (32.3 L/min)	9.5 gpm (36.1 L/min)	12.0 gpm (45.6 L/min)
7-230-CK-M	3/4" Male NPT (19 mm)	0.5 gpm (1.9 L/min)	5.0 gpm (19.0 L/min)	7.0 gpm (26.6 L/min)	10.0 gpm (38.0 L/min)	11.0 gpm (41.8 L/min)	12.0 gpm (45.6 L/min)	14.0 gpm (53.2 L/min)
7-230-CK-FS	3/4" Female Sweat (19 mm)	0.5 gpm (1.9 L/min)	5.0 gpm (19.0 L/min)	7.0 gpm (26.6 L/min)	10.0 gpm (38.0 L/min)	11.0 gpm (41.8 L/min)	12.0 gpm (45.6 L/min)	14.0 gpm (53.2 L/min)

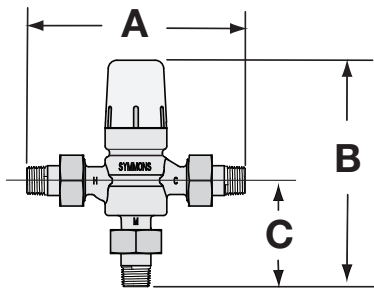
7-225, 7-230

Maxline

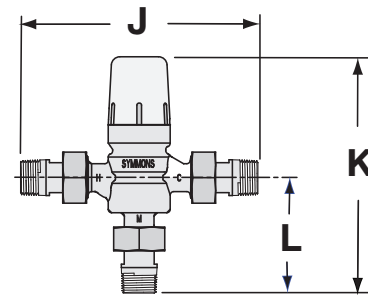
Specification Submittal

Dimensions

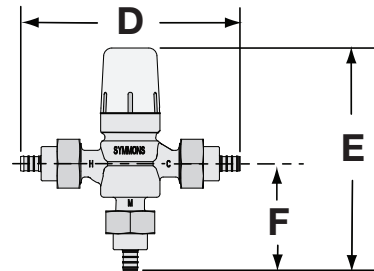
7-225-CK-MS



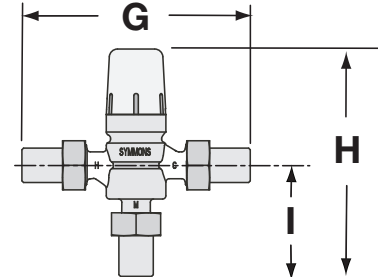
7-230-CK-M



7-225-CK-PEX



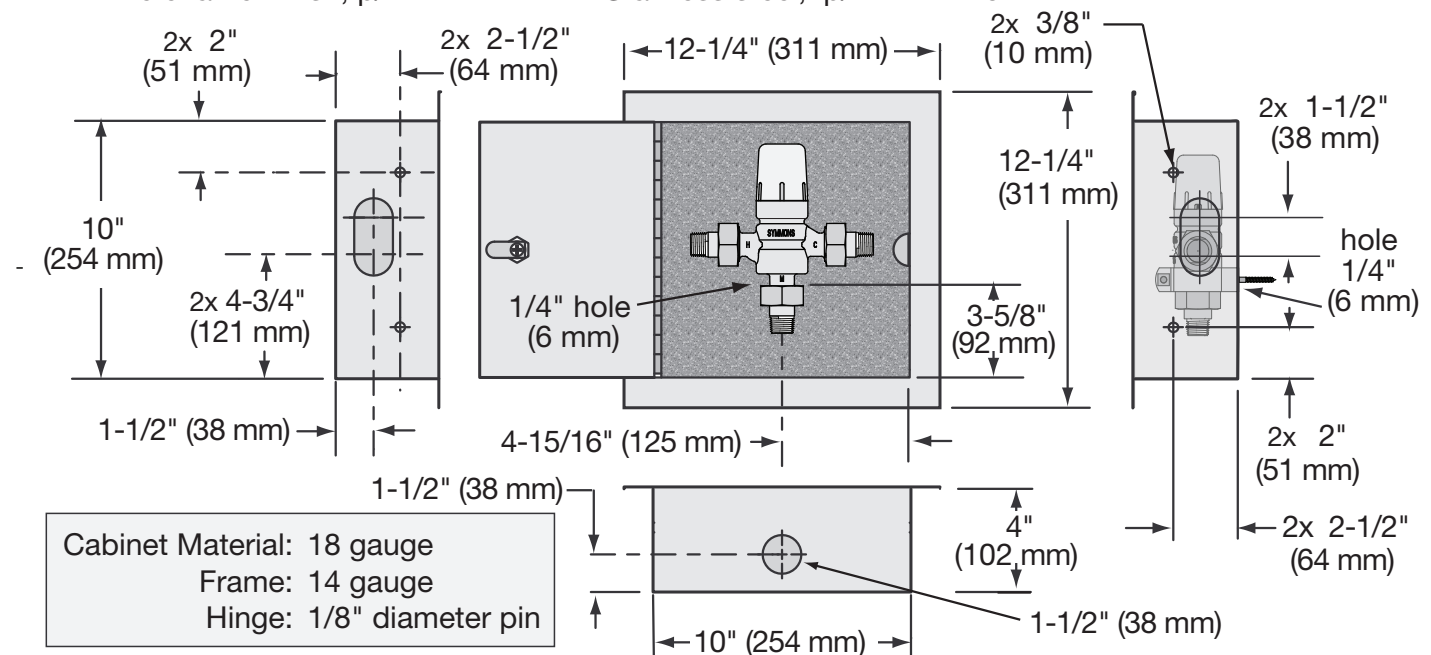
7-225-CK-F, 7-230-CK-FS



Measurements	
A	6 7/16", 164 mm
B	6 9/16", 167 mm
C	3 1/8", 79 mm
D	6 3/4", 171 mm
E	6 11/16", 170 mm
F	3 1/4", 83 mm
G	7", 178 mm
H	6 13/16", 173 mm
I	3 3/8", 86 mm
J	7", 178 mm
K	6 13/16", 173 mm
L	3 3/8", 86 mm

Wall cabinet (optional), surface mounted

- White enamel finish, p/n TMX-147
- Stainless steel, p/n TMX-148



Note: Dimensions are subject to change without notice.