



7-225, 7-230 Series Thermostatic Mixing Valve Specification Submittal




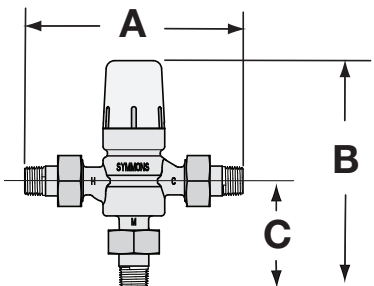
Model Numbers	Feature Highlights
<ul style="list-style-type: none"> <input type="checkbox"/> 7-225-CK-MS <i>1/2" male NPT, 1/2" female sweat</i> <input type="checkbox"/> 7-225-CK-F <i>1/2" female NPT</i> <input type="checkbox"/> 7-225-CK-PEX <i>1/2" PEX</i> <input type="checkbox"/> 7-230-CK-M <i>3/4" male NPT</i> <input type="checkbox"/> 7-230-CK-FS <i>3/4" female sweat</i> 	<p>Water temperature limiting valve including integral checks and stainless steel strainers for protection against suspended particles in supply lines. Valve made from lead free* metal components (see table 1 for flow rates).</p> <p>Temperature control range: 60°F - 140°F (15.6°C - 60°C)</p>
Options/Modifications	<p>Minimum supply pressure: 20 psi (138 kPa) Maximum supply pressure: 125 psi (862 kPa) Inlet to outlet temperature differential: 10°F (5.55°C)</p> <p>*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."</p>
<ul style="list-style-type: none"> <input type="checkbox"/> -B <i>Wall cabinet in white enamel finish including wall mounting bracket</i> <input type="checkbox"/> -NI <i>Rough Nickel finish</i> <input type="checkbox"/> -T <i>Stainless steel cabinet in place of standard white cabinet</i> <input type="checkbox"/> -W <i>Wall mounting bracket</i> <input type="checkbox"/> -X <i>Separate stops (7-225-CK-MS only)</i> <p>Note: Append appropriate -suffix to model number.</p>	
Warranty	Compliance
<p>Limited Lifetime - to the original end purchaser in consumer/residential installations.</p> <p>10 Years - for commercial/industrial installations. Refer to www.symmons.com/warranty for complete warranty information.</p> 	<ul style="list-style-type: none"> -ASME A112.18.1/CSA B125.1 -ASSE 1017/CSA B125.3 -ASSE 1070/CSA B125.3 -NSF/ANSI/CAN 61: Q<1, NSF/ANSI 372 -US S.3874 -Buy America Act Compliant  

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

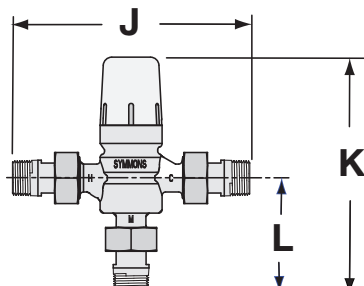
Valve Model	Size Connection	Min. Flow Rate	Pressure Differential - psi (kPa)					
			5 psi (34 kPa)	10 psi (69 kPa)	20 psi (138 kPa)	25 psi (172 kPa)	30 psi (207 kPa)	45 psi (310 kPa)
7-225-CK-MS	1/2" (13 mm)	0.5 gpm (1.9 L/min)	4.5 gpm (17.1 L/min)	7.0 gpm (26.6 L/min)	9.5 gpm (36.1 L/min)	10.5 gpm (39.9 L/min)	12.0 gpm (45.6 L/min)	14.0 gpm (53.2 L/min)
7-225-CK-F	1/2" (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" (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" (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" (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)

Dimensions

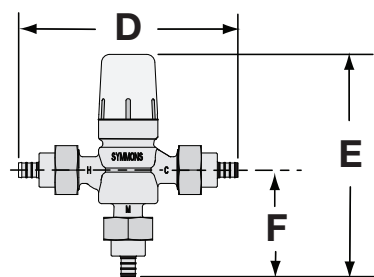
7-225-CK-MS



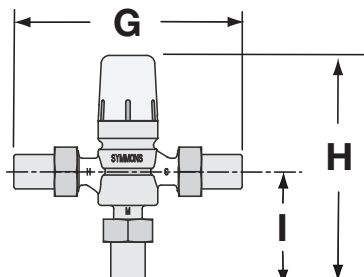
7-230-CK-M



7-225-CK-PEX



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

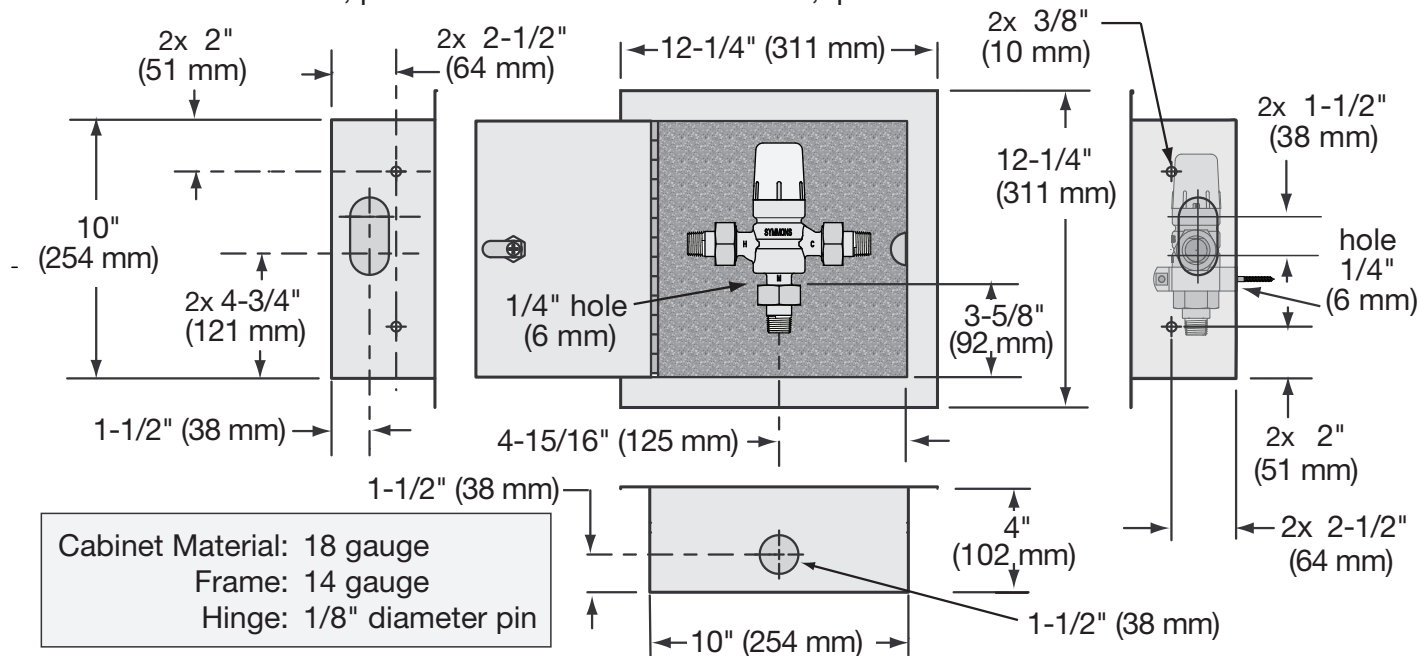


Measurements

Measurement	Value
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), recessed

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



Note: Dimensions are subject to change without notice.