Location:





7-400 Thermostatic Mixing Valve Specification Submittal

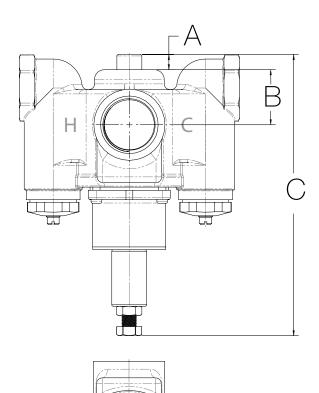
Specification	Modifications			
TempControl thermostatic mixing valve made from lead free** metal components. Features serviceable integral check stops (see table 1 for flow rates).	 NI Rough nickel finish P Polished chrome highlight finish Wall mounting bracket 			
Temperature control range: 70°F - 150°F (21.1°C - 65.6°C)	Note: Append appropriate -suffix to model number.			
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"	Coordinating Model Numbers □ T-425-400 3" bimetal dial thermometer □ BV-400 Volume control shut-off valve □ SV-400 Solenoid valve □ TF-400 Tee fitting □ WHA-1 Water hammer arrestor			
Compliance	Warranty			
-ASME A112.18.3/CSA B125.3-12 -ASSE 1017 -NSF/ANSI 61.9, NSF/ANSI 372	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.			

Flow Rate Chart

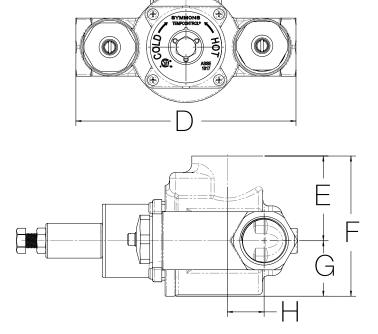
TABLE 1: FLOW RATE - gpm (L/min)								
VALVE MIN. FLOW MI RATE*	MIN. FLOW RATE	PRESSURE DIFFERENTIAL - psi (kPa)						
		5 psi (34 kPa)	10 psi (69 kPa)	20 psi (138 kPa)	25 psi (172 kPa)	30 psi (207 kPa)	45 psi (310 kPa)	
7-400	0.5 gpm (1.9 L/min)	9 gpm (34 L/min)	18 gpm (68 L/min)	27 gpm (102 L/min)	37 gpm (140 L/min)	41 gpm (155 L/min)	44 gpm (167 L/min)	53 gpm (201 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



T	TempControl Valve Sizes					
Model No.		Inlet	Outlet			
7	-400	3/4"	1"			
	Measurements					
Α	1/2", 13 mm					
В	1-1/2", 39 mm					
С	9-3/4", 251 mm					
D	6-1/2", 165 mm					
Е	2-5/8", 67 mm					
F	4-1/8", 105 mm					
G	1-1/2", 38 mm					
Н	3/4", 19 mm					



Note: Dimensions subject to change without notice.