

Location:

# SYMMONS® Maxline™

## Water Temperature Limiting Valve 5-210 Specification Submittal



### Feature Highlights

- Thermostatic water temperature mixing valves with integral checks
- 3/8 inch compression inlets and outlets
- Brass and stainless steel internal components.
- Dual stainless steel strainers for double protection against suspended particulate in supply lines.
- Rough brass standard finish

### Model Numbers

- ☐ 5-210-CK Thermostatic mixing valve

### Options / Modifications

*Append appropriate -suffix to model number.*

- ☐ -D 3/8 inch (100mm) compression tee fitting to allow water bypass for hot and cold supply faucet
- ☐ -W Wall mounting bracket
- ☐ -B Wall cabinet with white enamel
- ☐ -BT Wall cabinet with stainless steel

### Finish Options / Modifications

*Append appropriate -suffix to model number.*

- ☐ -NI Rough chrome finish
- Rough brass (standard finish)

### Warranty

- 5 years - for commercial installations

### Performance Specifications

**MAXLINE™** valves are designed to perform to the following industry standards.



B-125.3-05/ASME A112.18.1-05

1017 & 1070

### Inlet water temperature:

HOT inlet range: 120°F - 180°F (48.9°C - 82.2°C)

COLD inlet range: 39°F - 80°F (3.9°C - 26.7°C)

### Temperature control range:

59°F - 113°F (15°C - 45°C)

**Minimum supply pressure:** 20 psi (138 kPa)

**Maximum working pressure:** 125 psi (862 kPa)

**Inlet to outlet temp. differential:** 10°F (5.55°C)

### Valve Flow Rates

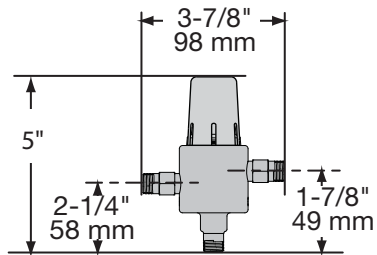
Pressure Differential psi = pounds/square inch kPa = kilo pascals	Flow Rate gpm = gallons/minute L/min = liters / minute
5 psi ( 34 kPa)	1 gpm ( 3.8 L/min)
10 psi ( 69 kPa)	2 gpm ( 7.6 L/min)
20 psi (138 kPa)	3 gpm (11.4 L/min)
25 psi (172 kPa)	3.5 gpm (13.2 L/min)
30 psi (207 kPa)	4 gpm (15.1 L/min)
45 psi (310 kPa)	5 gpm (18.9 L/min)

Minimum flow rate = .5 gpm

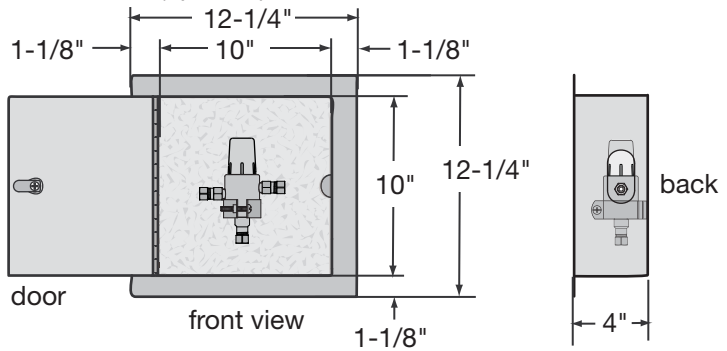
## Dimensions **MAXLINE™** Water Temperature Limiting Valve, 5-210-CK

### MAXLINE Valve, 5-210-CK

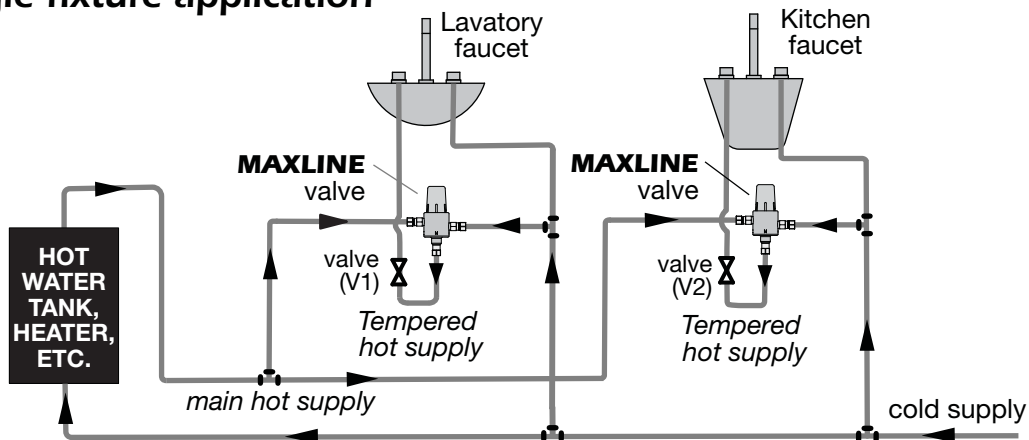
3/8" compression nuts



### Wall cabinet (optional)



## Single fixture application



## Multiple fixture application

