

Series LFe480 Lavatory Combination Tempering Valves for Low Flow Control

Product Specification

LEAD FREE*

Features ■

HydroGuard® T/P Series LFe480 Under-the-Counter Combination Tempering Valves are designed for lavatory applications where the temperature of hot water must be controlled for safe, economic use.

- Temperature control to ASSE 1070, down to 0.5 gpm.
- Advanced thermal actuator improves performance.
- Adjustable temperature selection with locknut to prevent tampering.
- Lead Free* brass body for durability & to comply with Lead Free* installation requirements.
- Corrosion resistant internal components for extended life.
- Integral checks with screens prevents crossflow.
- Factory set at 105°F (40.6°C).



Advanced Thermal Activation

Specifications ■

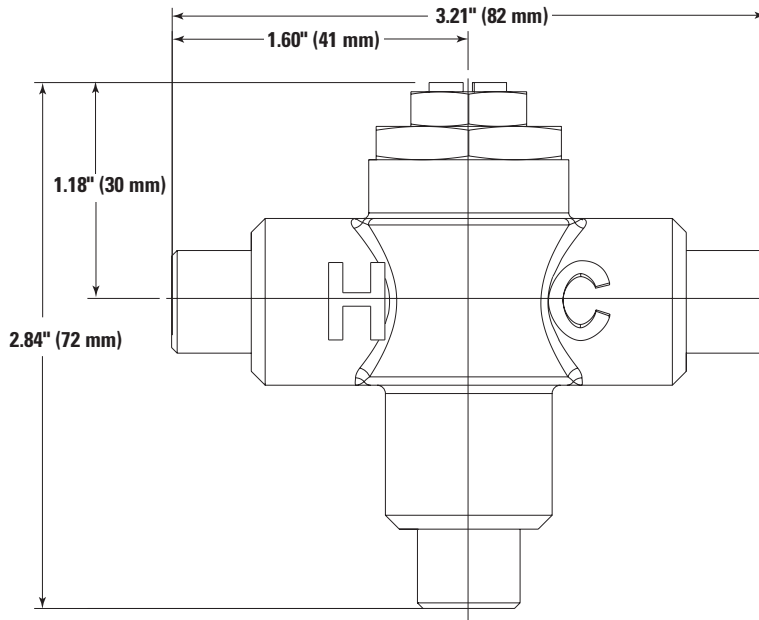
Connections	See ordering code
Capacity @ 45psi	4 gpm (15 lpm)
Approach Temperature	5°F (2.8°C) above set point
Maximum Operating Pressure	125psi (862 kPa)
Maximum Static Pressure	125psi (862 kPa)
Maximum Hot Water Temperature	180°F (82°C)
Maximum Pressure Differential between Hot & Cold Water Supplies	25%
Temperature Adjustment	80 – 120°F (27 – 49°C)
Minimum Flow	0.5 gpm (2.2 lpm)
Checks	Integral with screens
Construction	Lead Free* brass body
Approval	CSA B125 Certified
Listing	ASSE 1070

* The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

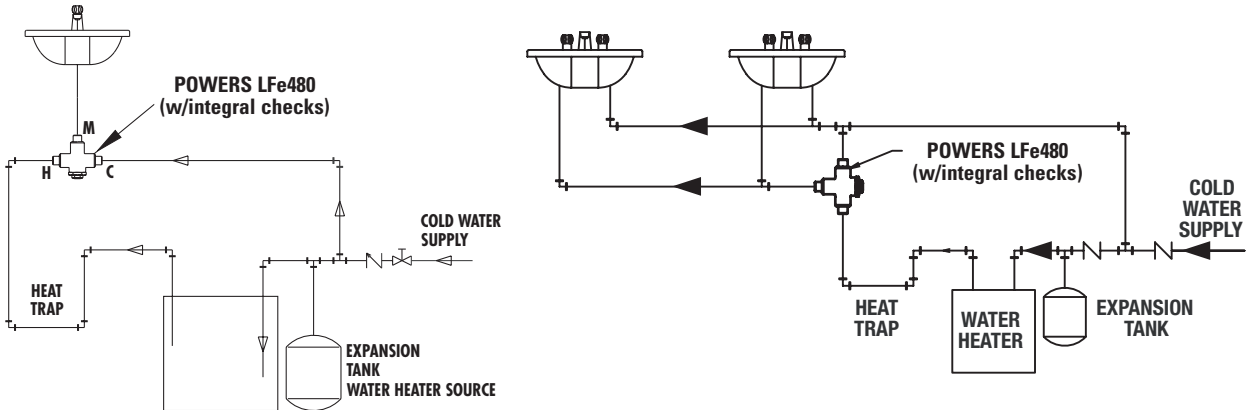
Capacity ■

Flow Capacity at 50-50 Mixed Ratio							
Model	C _v	Pressure Drop Across Valve					
		5psi (34 kPa)	10psi (69 kPa)	20psi (138 kPa)	30psi (207 kPa)	45psi (310 kPa)	60psi (414 kPa)
LFe480	0.60	1.3 gpm 5 lpm	1.9 gpm 7 lpm	2.7 gpm 10 lpm	3.3 gpm 13 lpm	4.0 gpm 15 lpm	4.6 gpm 17 lpm

Dimensions ■



Piping Diagram ■



Ordering Code ■

LFe480 -

Order Code

1/2" NPT Rough Brass Finish	00
1/2" NPT Rough Chrome Finish	01
3/8" Compression Rough Brass Finish	10
3/8" Compression Rough Chrome Finish	11

Typical Specification ■

Combination tempering valve shall be ASSE 1070 listed and CSA B125 certified. All internal components shall be from corrosion resistant material. The valve must control each performance standard down to 0.5 gpm (2.2 lpm). Capacity of the valve must be 4 gpm (15 lpm) @ 45psi differential. Thermostatic Tempering valve shall be constructed using Lead Free* brass material which shall comply with state codes & standards, where applicable requiring reduced lead content. Control temperature must be adjustable between 80 and 120°F (32-43°C) with a locking nut to prevent unauthorized or accidental adjustment. The valve shall contain integral checks to prevent crossflow and inlet screens to filter debris. The valve shall be a Powers Model LFe480 series.

ENGINEERING APPROVAL

Project: _____
 Contractor: _____
 Architect/Engineer: _____

POWERS™

A Watts Water Technologies Company



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 CERTIFIED**

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