

## Series LFe480 Lavatory Tempering Valve

### Product Specification

# LEAD FREE\*

#### Features ■

- Adjustable temperature selection with locknut to prevent tampering
- Advanced thermal actuator improves performance
- Temperature controls to ASSE 1070, down to 0.5 gpm
- 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 cross flow and filter out debris
- Factory set to 105° F (41° C)

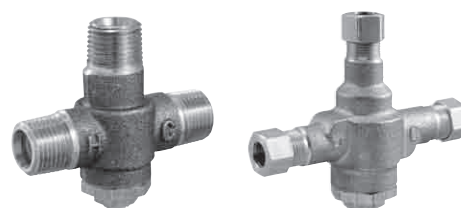
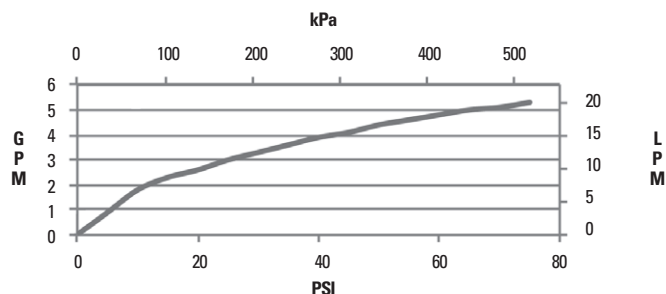
#### Specifications ■

Connections .....	See ordering code
Maximum Operating Pressure .....	125psi (861 kPa)
Maximum Hot Water Temperature .....	180°F (82°C)
Minimum Hot Water Supply Temperature ...	5°F (3°C) above set point+
Hot Water Inlet Temperature Range .....	120 – 180°F (49 – 82°C)
Cold Water Inlet Temperature Range .....	40 – 80°F (4 – 27°C)
Temperature Adjustment Range .....	80 – 120°F (27 – 49°C)
Minimum Flow .....	0.5 gpm (1.9 lpm)
Listing .....	ASSE 1070
Approval .....	CSA B125.3 Certified

\* The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

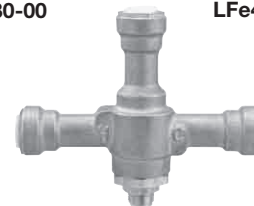
+ With Equal Pressure

#### Flow Capacity ■



LFe480-00

LFe480-10

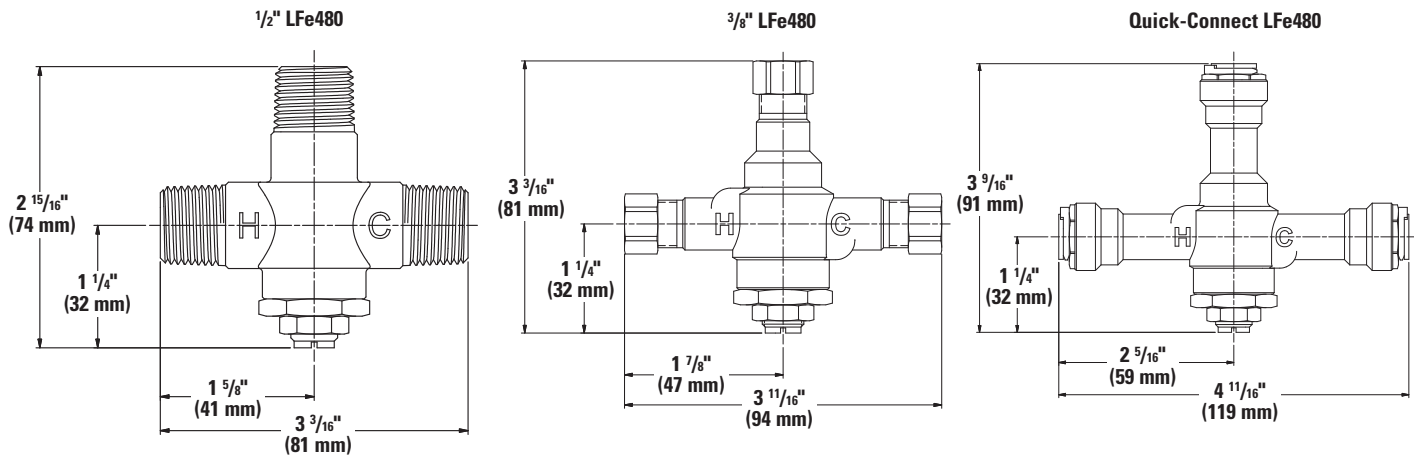


LFe480-50

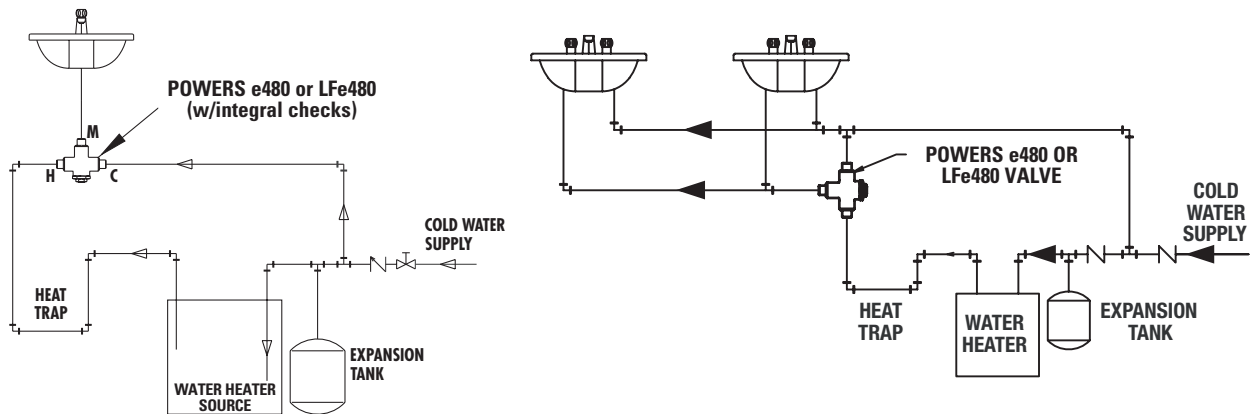


Advanced Thermal  
Actuation

## Dimensions ■



## Piping Diagram ■



## Ordering Code ■

**LFe480** -

### Order Code

1/2" NPT Rough Brass Finish	00
1/2" NPT Chrome Plated Finish	01
3/8" NPT Rough Bronze Finish	10
3/8" NPT Chrome Plated Finish	11
3/8" Quick-Connect Rough Bronze Finish	50
3/8" Quick-Connect Chrome Plated Finish	51

## Typical Specification ■

Lavatory tempering valve shall be ASSE 1070 listed and CSA certified. All internal components shall be from corrosion resistant material. The valve must control each performance standard down to 0.5 gpm (1.9 lpm).

Capacity of the valve must be 4 gpm (15 lpm) @ 45psi differential. Thermostatic lavatory tempering valve shall be constructed using Lead Free\* brass material which shall comply with state codes and standards, where applicable requiring reduced lead content. Control temperature must be adjustable between 80 - 120° F (32-43°C) with a locking nut to prevent unauthorized or accidental adjustment. The valve shall contain integral checks to prevent cross flow and inlet screens to filter debris. The valve shall be a Powers Series LFe480.

**POWERS™**

A Watts Water Technologies Company

### ENGINEERING APPROVAL

Project: \_\_\_\_\_  
Contractor: \_\_\_\_\_  
Architect/Engineer: \_\_\_\_\_



**ISO 9001-2008  
CERTIFIED**

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