

### 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 for LFe480 & 0.25 gpm for LFG480
- 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)

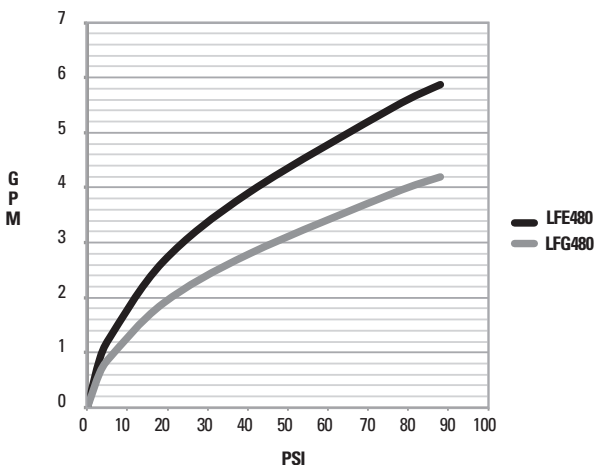
#### Specifications ■

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	
LFe480 .....	0.5 gpm (1.9 lpm)
LFG480 .....	0.25 gpm (1.0 lpm)
Listing .....	ASSE 1070, IAPMO cUPC
Approval .....	CSA B125.3

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

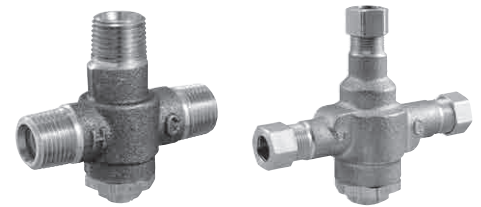
+ With Equal Pressure

#### Flow Capacity ■



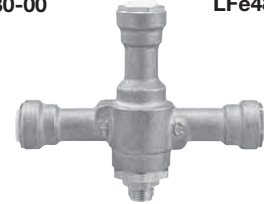
#### NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.



LFe480-00

LFe480-10

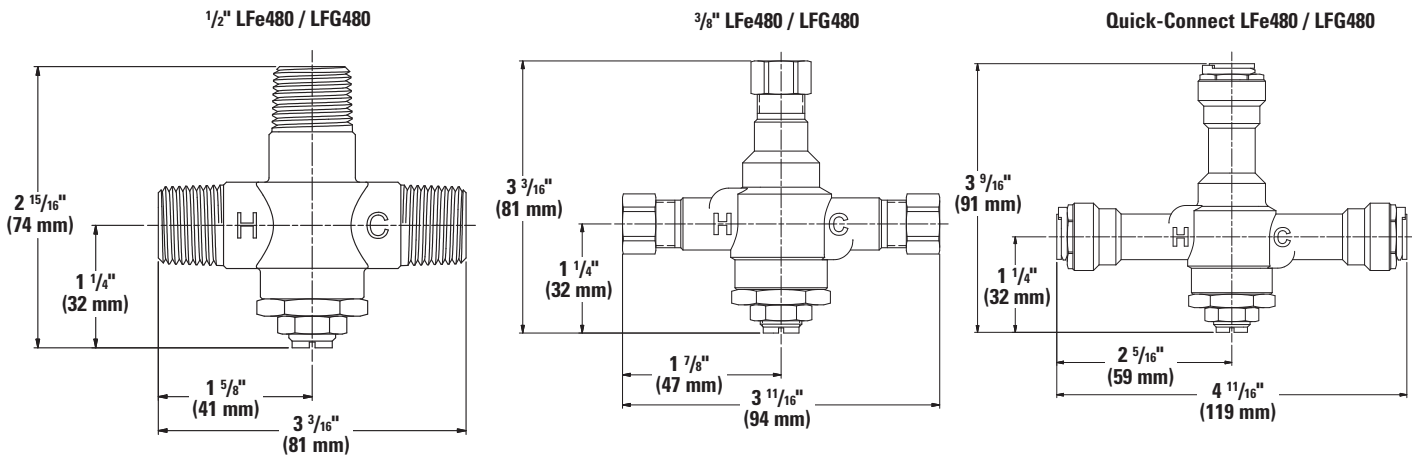


LFe480-50

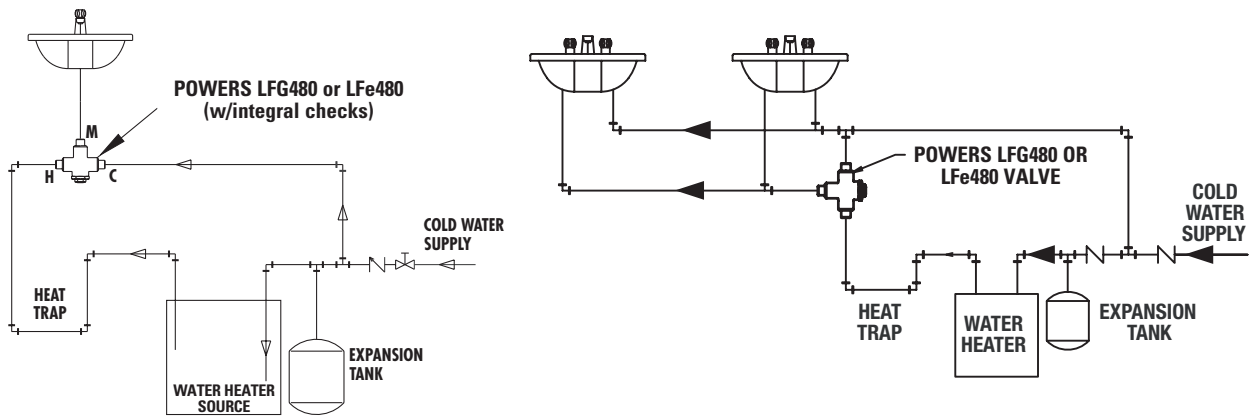


Advanced Thermal Actuation

## Dimensions ■



## Piping Diagram ■



## Ordering Code ■

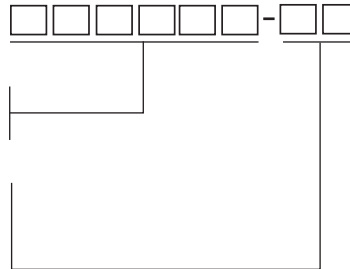
0.25 gpm minimum flow  
0.50 gpm minimum flow

1/2" NPT Rough Bronze Finish  
1/2" NPT Chrome Plated Finish  
3/8" Compression Rough Bronze Finish  
3/8" Compression Chrome Plated Finish  
3/8" Quick-Connect Rough Bronze Finish  
3/8" Quick-Connect Chrome Plated Finish

### Order Code

LFG480  
LFE480

00  
01  
10  
11  
50  
51



## Typical Specification ■

Lavatory tempering valve shall be ASSE 1070 and cUPC listed. All internal components shall be from corrosion resistant material. The valve must control each performance standard down to 0.25 gpm (1.00 lpm) for LFG480 and 0.5 gpm (1.90 lpm) for LFe480.

Capacity of the valve must be 3 gpm (11 lpm) @ 45psi differential or 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 or LFG480.

### ENGINEERING APPROVAL

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

# POWERS™

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