

For Non-Health Hazard Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LFe480

Lavatory Tempering Valve

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)

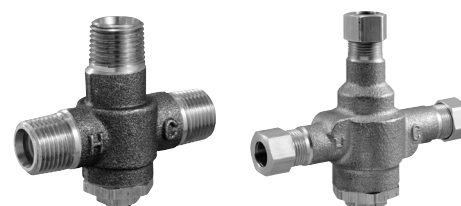
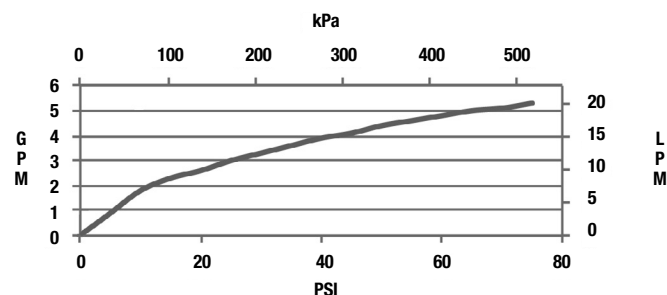
Specifications

Connections See ordering code
 Maximum Operating Pressure 125 psi (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.

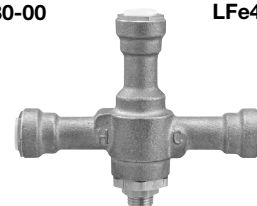
+ With Equal Pressure

Flow Capacity



LFe480-00

LFe480-10



LFe480-50

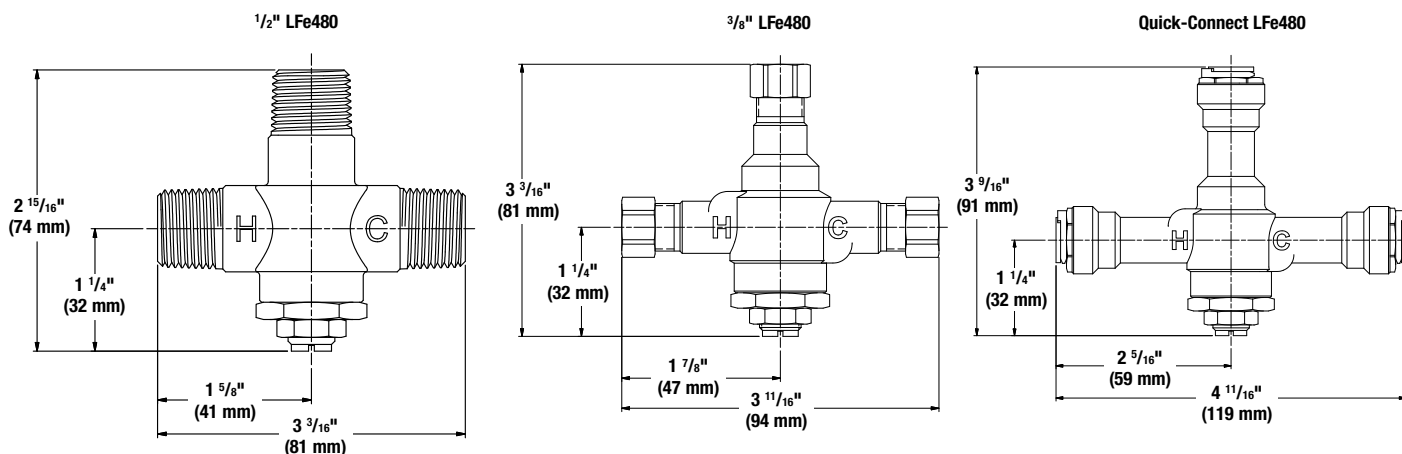


Advanced Thermal
Actuation

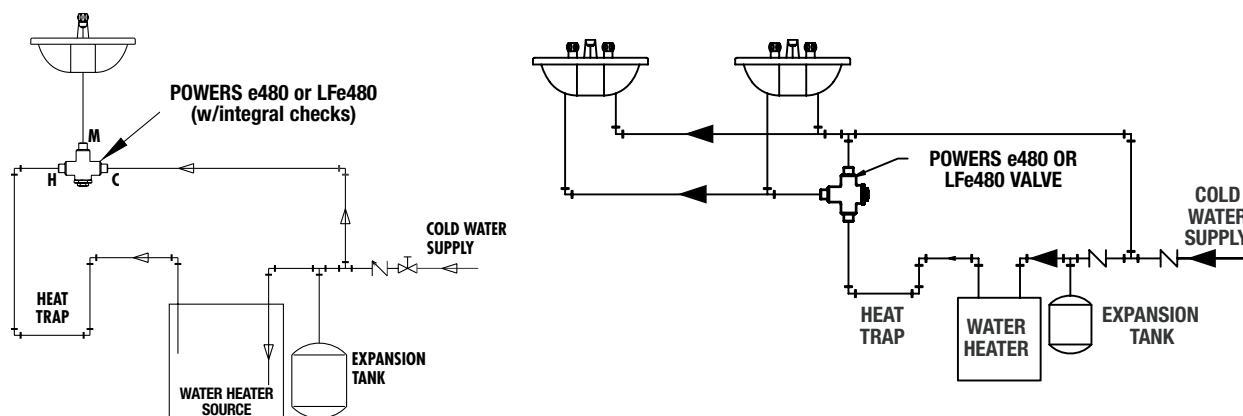
Powers product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Powers Technical Service. Powers reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Powers products previously or subsequently sold.

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Dimensions



Piping Diagram



Ordering Code

LFe480 -

Order Code

1/2" NPT Rough Brass Finish	00
1/2" NPT Chrome Plated Finish	01
3/8" Compression Rough Bronze Finish	10
3/8" Compression 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) @ 45 psi 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.

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