



SUBMITTAL COVER PAGE

ARCHITECT: ERIE COUNTY DEPARTMENT OF PUBLIC WORKS
95 FRANKLIN STREET
BUFFALO, NY. 14202

SUBMITTAL DATE 10 / 5 / 20

Check the following as applicable:

First Submission

Re-Submission

PROJECT NAME: COUNTYWIDE WATER FOUNTAIN AND
BATHROOM FIXTURE REPLACEMENTS

PROJECT No.: 2020-999-01

RESERVED FOR ARCHITECT'S USE

PROJECT IDENTIFICATION

Specification

Section No. 224200 PARA. 2.03

Name of

Product: LAVATORY FAUCETS

Name of

Manufacturer: SLOAN/POWERS

SUBCONTRACTOR: _____

SUPPLIER: SCHAEFER PLUMBING SUPPLY

DEVIATION FROM CONTRACT DOCUMENTS:

CONTRACTOR COMMENTS:

ARCHITECT COMMENTS:

CONTRACTOR'S CERTIFICATION

I CERTIFY THAT THIS SUBMITTAL HAS BEEN REVIEWED AND APPROVED BY THE CONTRACTOR.

BY

CONSTRUCTION MANAGER'S CERTIFICATION

I CERTIFY THAT THIS SUBMITTAL HAS BEEN REVIEWED AND APPROVED BY THE CONSTRUCTION MANAGER.

BY _____

Plumbing Submittal

Lavatory Faucet

**Sloan SF-2450 Series Lavatory Faucet with 4”
or 8” Trim Plate**

Powers LFE480-10 Mixing Valve

CODE NUMBER

3362124

DESCRIPTION

4" Trim Plate, Battery Power Supply, Back-Check Tee, Polished Chrome Finish, 0.5 gpm, Multi-Laminar Spray, Infrared Sensor, Sloan® Battery-Powered Deck-Mounted Mid Body Faucet.

DETAILS

- Flow Rate: 0.5 gpm (2 Lpm) (0.5GPM)
- Spray Type: Multi-Laminar (MLM)
- Spout Type: Pedestal
- Sensor Type: Infrared (IR)
- Mounting Type: Single Hole
- Trim Plate: 4" (102mm) (4)
- Power Supply: Battery (BAT)
- Temperature Mixer: Back-Check Tee (TEE)
- Finish: Polished Chrome (CP)
- Factory Default Timeout: 30s
- Factory Default GPC: 0.25

FEATURES

Commercial Grade, ADA Compliant, Electronic, Sensor-Activated, Brass Pedestal Hand Washing Faucet with the following features:

- Adjustable Infrared Sensor Range
- 36" (914 mm) Long Sensor Cable
- 24" (610 mm) Long Flex Hose
- Filtered Solenoid Valve with serviceable Strainer Filter
- Includes Four (4) AA-size Batteries
- Includes appropriate Mounting Hardware

ELECTRICAL SPECIFICATIONS

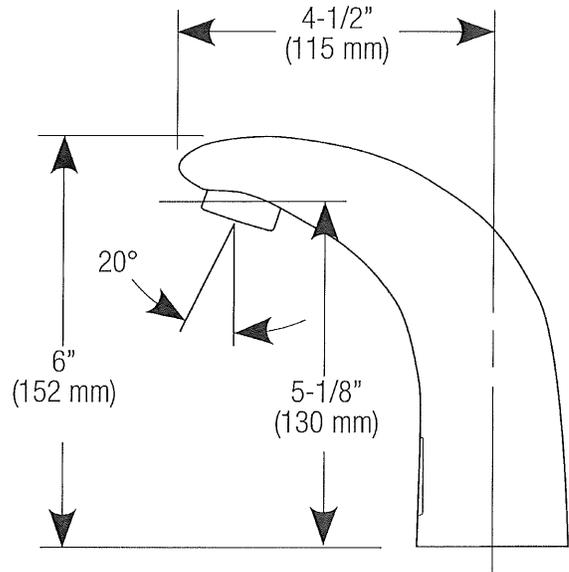
- Battery Life: 2 years 8,000 cycles/month
- Sensor Range: 4"-12" (102-305mm)
- Timeout Adjustment Settings: 30s

DOWNLOADS

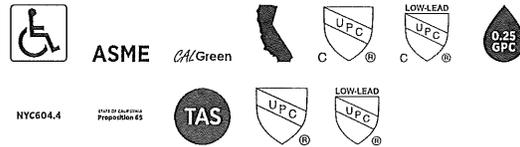
- SF Series Installation Instructions
- SF Series (FR) Installation Instructions
- SF Series (SP) Installation Instructions
- SFP 35-A Installation Instructions
- Trim Plate Guide
- Sloan 2400/2450 Repair and Maintenance Guide
- Additional Downloads



Variation not shown: 4" Trim Plate



COMPLIANCES & CERTIFICATIONS



(ADA Compliant, ASME A112.18.1 Compliant, CalGreen Compliant, CEC Compliant, cUPC Certified, cUPC Low Lead Compliant, GPC 0.25 or less, NYC604.4, Proposition 65, TAS, UPC Certified, UPC Low Lead Compliant)

NOTES

All information contained within this document subject to change without notice.

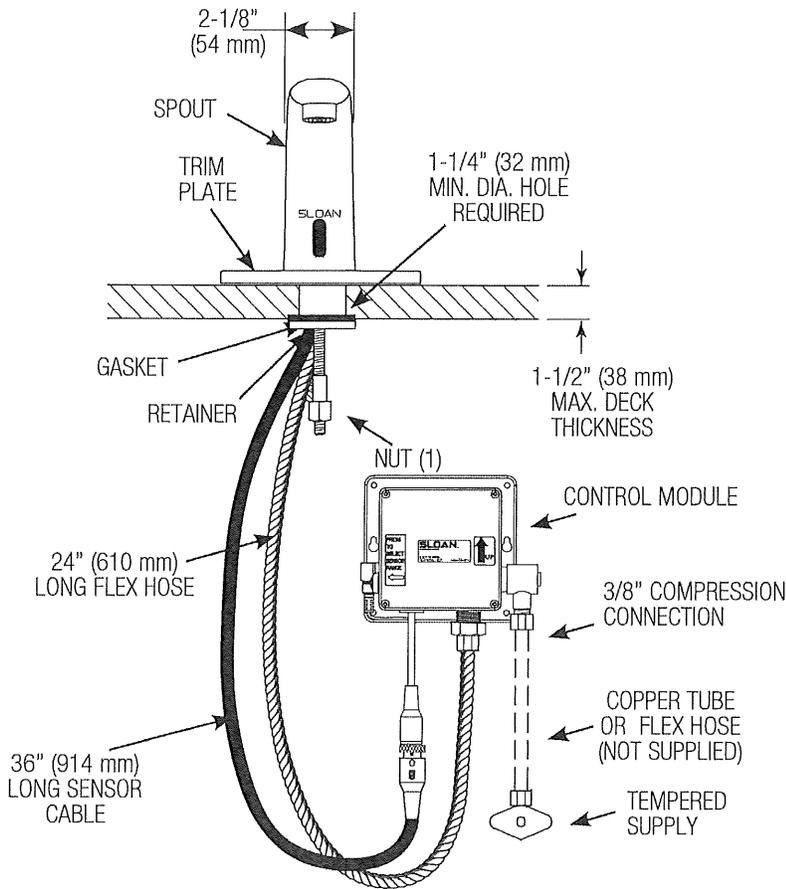
Looking for other variations of the SF-2450 product? View the general spec sheet with all options.

Find a matching soap dispenser for this faucet.
 Find a compatible sink for this faucet.

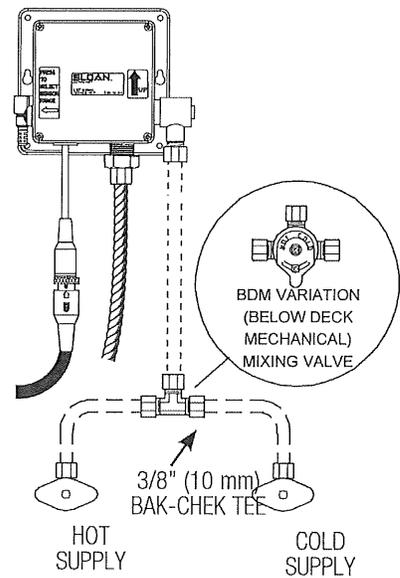
WARRANTY

1 Year

ROUGH-IN



HOT AND COLD WATER SUPPLY APPLICATIONS
 (SPECIFY IN MODEL VARIATION)



Product Specification

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*

Series LFe480 and LFG480 Lavatory Tempering Valve

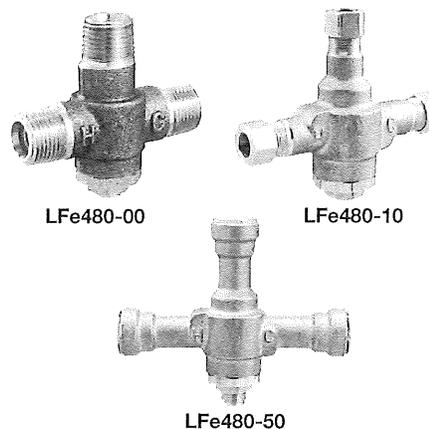
Features

- Adjustable temperature selection with locknut to prevent tampering
- Advanced thermal actuator improves performance
- Temperature controls to ASSE 1070, down to 0.5 gpm 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)

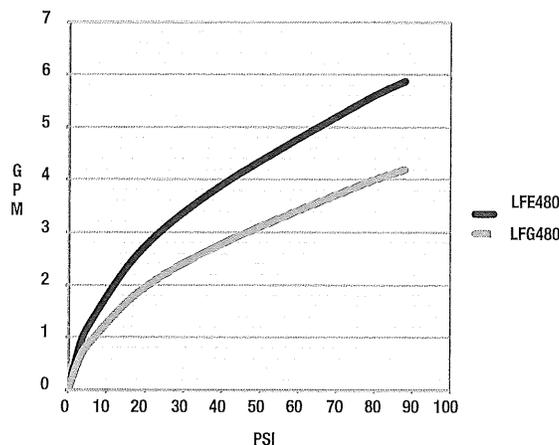
Specifications

Connections	See ordering code
Maximum Operating Pressure	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	
LFe480	0.5 gpm (1.9 lpm)
LFG480	0.25 gpm (1.0 lpm)
Listing	ASSE 1070, IAPMO cUPC, NSF61-G
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

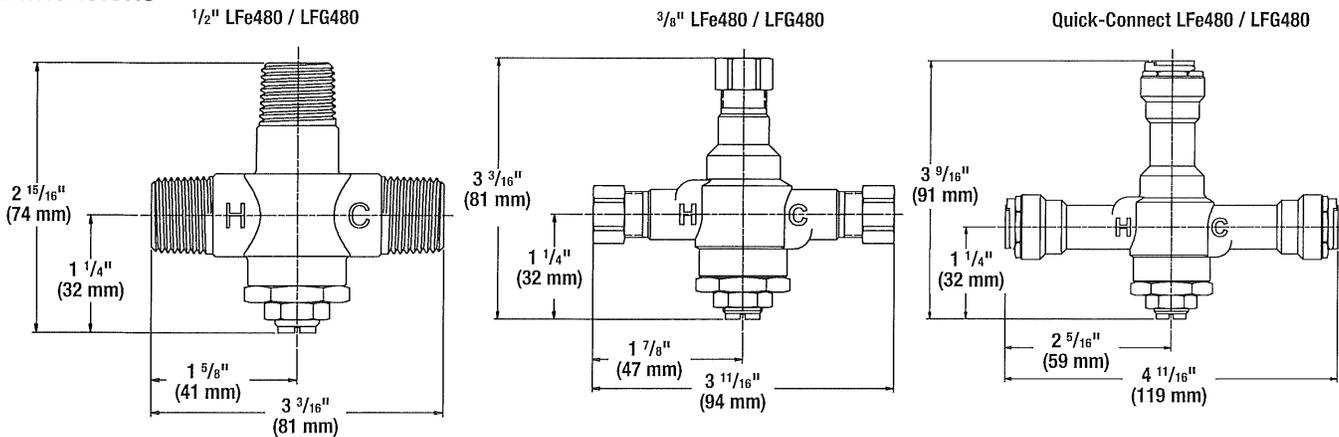


NOTICE

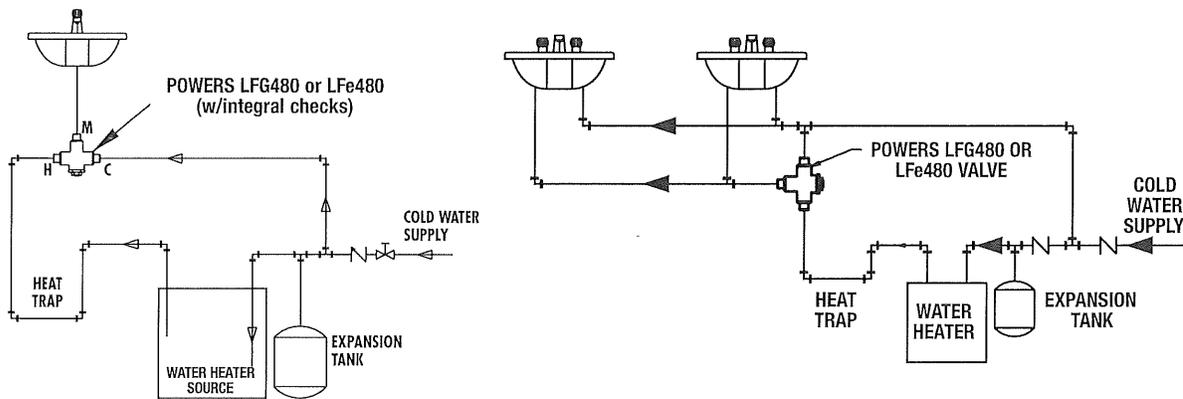
The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation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

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.

Dimensions



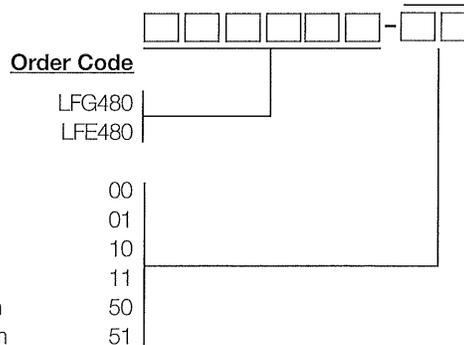
Piping Diagram



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



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.

POWERS™
A WATTS Brand

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