



111-1.28-SFSM



► **Description**

Quiet, Piston Type, Exposed, Battery Powered, Single-Flush, Side Mount, Sensor-Activated Water Closet Flushometer for top spud floor mounted bowls or wall hung bowls.

► **Flush Cycle**

GEM2 111-1.28 SFSM High Efficiency (1.28 gpf/4.8 Lpf)

► **Specifications**

Quiet, Exposed, Piston Type, Chrome Plated Closet Flushometer with the following features:

- Fixed Volume Piston with Filtered O-ring Bypass
- ADA Compliant OPTIMA[®] Battery Powered Infrared Sensor for automatic “No Hands” operation
- Chrome Plated Infrared Sensor Housing
- Can be Mounted on either the Left or Right Side of Valve
- True Manual Override Flush Button
- Four (4) Size C Alkaline Batteries included
- “Low Battery” Flashing LED
- “User in View” Flashing LED
- 72-Hour Sentinel Flush
- Infrared Sensor Range Adjustment Screw and Reset Button
- 1” I.P.S. Screwdriver Bak-Chek[®] Angle Stop
- Free Spinning, Vandal Resistant Stop Cap
- Adjustable Tailpiece
- Right Side or Left Side Mountable
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for 1½” Top Spud
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- High Copper, Low Zinc Brass Castings for Dezincification Resistance
- Flush Accuracy Controlled by CID Technology
- No External Volume Adjustment to Ensure Water Conservation
- Packing, Stop Seat and Vacuum Breaker Molded from PERMEX[®] Rubber Compound for Chloramine resistance

Valve Body, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections ASSE 1037 ASME 112.18, ASME 112.19, ANSI 117.1. Installation conforms to ADA requirements.

► **Accessories**

See Accessories Section and OPTIMA Accessories Section of the Sloan catalog for details on these and other OPTIMA[®] Flushometer variations.

► **Fixtures**

Consult Sloan for Sloan brand matching fixture options.

► **Smart Sense Technology[™]**

Sloan[®] SFSM flushometers are equipped with Smart Sense Technology[™], which applies extended range and logic techniques to provide superior sensor-activated performance.

► **Automatic Operation**

Gem•2 OPTIMA[®] SFSM equipped Flushometers are activated via multi-lobular infrared sensor. The sensor sets the flushing mechanism when the user is detected and completes the flush when the user steps away.

► **Manual Operation**

Sloan[®] SFSM flushometers are equipped with Smart Sense Technology[™], which applies extended range and logic techniques to provide superior sensor-activated performance.

► **Service Mode**

Features service mode which ignores targets for 10 minutes to enable fixture to be cleaned or serviced.

► **Hygienic**

Touchless, sensor activation eliminates the need for user contact except to initiate the True Mechanical Override button when required, to help control the spread of infectious diseases. The 72-Hour Sentinel Flush keeps fixture fresh during periods of non-use.

► **Warranty**

3 year (limited)



This space for Architect/Engineer approval	
Job Name _____	Date _____
Model Specified _____	Quantity _____
Variations Specified _____	
Customer/Wholesaler _____	
Contractor _____	
Architect _____	

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Flush Cycle

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ELECTRICAL SPECIFICATIONS

Control Circuit

Solid State
6 VDC Input
2-3 Second Arming Delay
72 Hour Sentinel Flush

SFSM Sensor Type

Infrared Convergence Type Object
Lock Detection

SFSM Sensor Range

Factory Set at
25" - 40" (635 mm-1016 mm)

SFSM Battery Type

(4) Size "C" Alkaline

Battery Life

3 Years @ 3,000 Flushes/Month

Indicator Lights

User in View/Low Battery

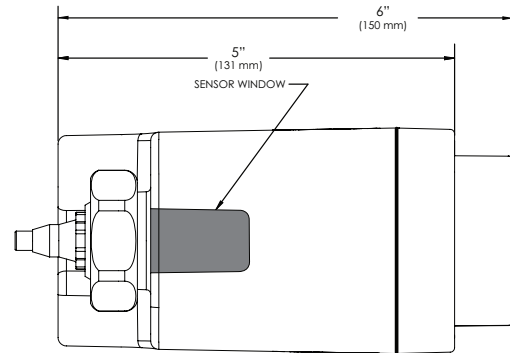
Operating Pressure

15-100 psi (104-689 kPa)

Operation Features

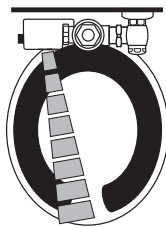
72-Hour Sentinel Flush

SFSM DIMENSIONS



OPERATION

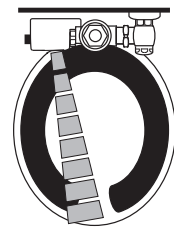
1. A continuous, invisible light beam is emitted from the Object Lock Infrared Sensor.



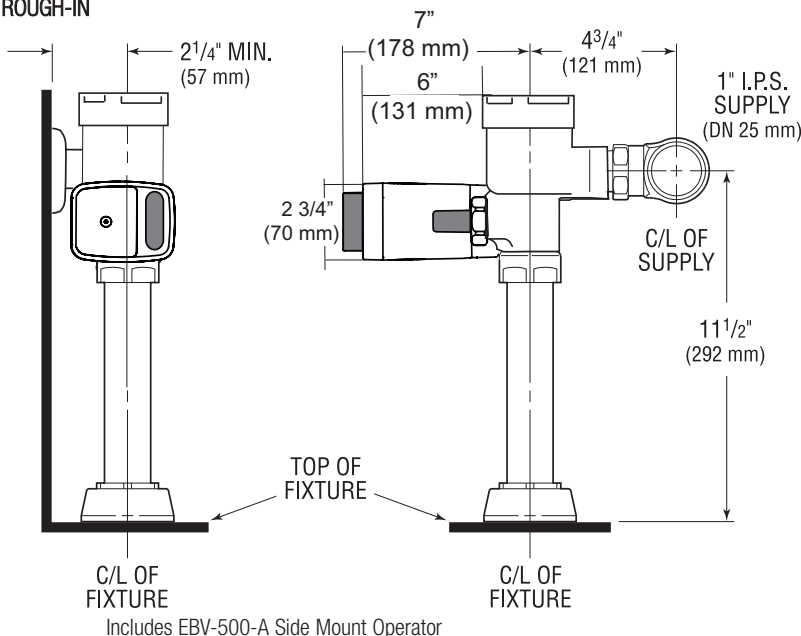
2. As the user enters the beam's effective range, 25" - 40" (635 mm-1016 mm), the Object Lock Infrared Sensor senses the user.



3. When the user steps away from the Object Lock Infrared Sensor, the circuit initiates the flushing cycle to flush the fixture. The Circuit then automatically resets and is ready for the next user.



ROUGH-IN



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