Gem2® Optima® SMO® Exposed Battery-Powered Side-Mount Sensor-Activated Flushometer Gem 2 Optima 180 SMO

▶ Code Number

3072444

▶ SPECIFICATIONS

Description

Exposed, Battery Powered, Side Mount Sensor Operated Urinal Flushometer for 1¼" top spud urinals.

Flush Cycle

3.5 gpf/13.2 lpf

Specifications

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

- Vacuum Breaker Flush Connection
- Fixed Volume Piston with Filtered O-ring Bypass
- Chrome Plated Infrared Sensor Housing
- "User in View" Flashing LED
- No External Volume Adjustment to Ensure Water Conservation
- Infrared Sensor Range Adjustment Screw and Reset Button
- Diaphragm, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine Resistance
- Four (4) Size C Batteries included
- ADA Compliant OPTIMA® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Angled Sensor Window
- Manual Override Flush Button
- "Low Battery" Flashing LED with Optional Audio Tone
- Optional 24-Hour Sentinel Flush
- EBV-157 Handle Adapter Kit
- "Spud Coupling, Wall and Spud Flanges for 1¼"" Top Spud"

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance to the applicable sections of ASSE 1037, ANSI/ASME A112.19.2.

- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap

Accessories (Sold Separately)

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

▶ ELECTRICAL SPECIFICATIONS

Control Circuit

- Solid State
- 6 VDC Input

Indicator Lights

- User in View

Operating Pressure

- 15-100 psi (104-689 kPa)

Battery Type

- (4) C Alkaline

Battery Life

3 Years @ 4,000 Flushes/Month

▶ FEATURES

Automatic Operation

- Sloan OPTIMA SMO equipped Flushometers provide the ultimate in sanitary protection and automatic operation. There is no need for AC hookups or wall alterations. The Flushometer operates by means of a battery powered infrared sensor. Once the user enters the sensor's effective range and then steps away, the Side Mount Unit initiates the flushing cycle to flush the fixture.

Economical

- Automatic operation provides water usage savings over other flushing devices. Reduces maintenance and operation costs. Installation does not require turning off water to the valve.

Hygienic

- User makes no physical contact with the Flushometer surface except to initiate the Override Button when required. Helps control the spread of infectious diseases.

▶ Compliance & Certifications

This space for Architect/Engineer Approval

▶ ROUGH-IN

Gem2® Optima® SMO® Exposed Battery-Powered Side-Mount Sensor-Activated Flushometer
Gem 2 Optima 180 SMO

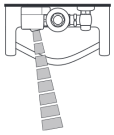
Sensor Type

- Infrared Convergence Type Object Lock Detection

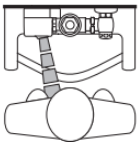
Sensor Range

- Nominal 8" - 54" (203 mm- 1372 mm), Factory Set at 24" (610 mm)

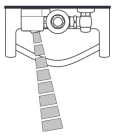
► OPERATION



1. A continuous, invisible light beam is emitted from the object lock infrared sensor.

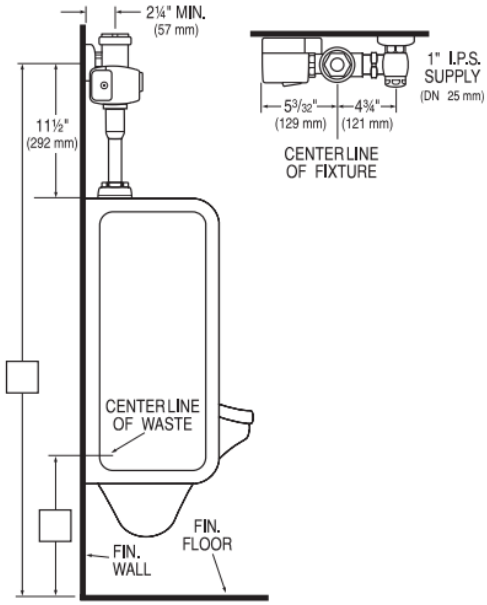


2. As the user enters the beam's effective range, 8" to 54" (203 mm - 1372 mm), the Object Lock Infrared Sensor senses the user.

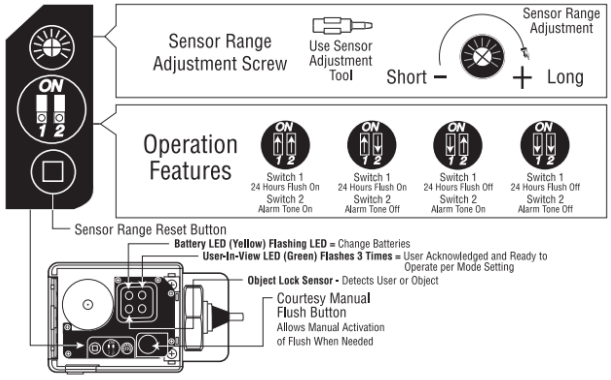


3. When the user steps away from the object lock Infrared sensor, the circuit initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.

Includes EBV-89-A Side Mount Operator



► FUNCTION SETTINGS



► VISUAL INDICATOR GUIDE