Naval® Optima® SMO® Exposed Battery-Powered Side-Mount Sensor-Activated Flushometer Naval Optima 110/111 SMO

▶ Code Number

3140012

▶ SPECIFICATIONS

Description

- Exposed, Battery Powered, Side Mount Sensor Operated Water Closet Flushometer for floor mounted or wall hung top spud bowls. Especially suited for harsh water conditions.

Flush Cycle

- Valve Adjustment Range: 1.5 gpf/5.7 Lpf to 7.0 gpf/26.5 Lpf
- Model 111-SMO (Factory set at 1.6 gpf/6.0 Lpf)
- 3.5 gpf/13.2 lpf

Specifications

- Trap Primer
- Vacuum Breaker Flush Connection
- Quiet, Exposed, Adjustable Piston Type, Chrome Plated Closet Flushometer with the following features:
- Self-cleaning Xpelor® Bypass
- Spud Coupling and Flange for 1½" Top Spud
- Stamped Wall Flange
- Ultra High Copper, Low Zinc Brass Castings for Dezincification and Salt Water Resistance
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap
- Chrome Plated Infrared Sensor Housing
- "User in View" Flashing LED
- 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
- Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Red Brass. Valve shall be in compliance to the applicable sections of ASSE 1037, ANSI/ASME A112.19.2, and Military Specification V-29193.

Accessories

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

Variations

- Extended Bumper on Angle Stop (for seat with cover)
- Bumper on Angle Stop (for open front seat without cover)
- Less Vacuum Breaker
- Sweat Solder Adapter Kit
- Ground Joint Stop and Tailpiece
- 1¼" Flush Connection and Spud Coupling"
- "NOTE: Bak-Chek® Angle Stop available with 1"" Whitworth

▶ 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. 24-Hour Sentinel Flush keeps fixture fresh during periods of nonuse.

▶ Compliance & Certifications

This space for Architect/Engineer Approval

▶ ROUGH-IN

Naval® Optima® SMO® Exposed Battery-Powered Side-Mount Sensor-Activated Flushometer Naval Optima 110/111 SMO

Thread (please specify)."

- Sweat Solder Adapter & Cast Wall Flange w/Set Screw

▶ ELECTRICAL SPECIFICATIONS

Control Circuit

- Solid State
- 6 VAC/7.6 VDC Input 8 Second Arming Delay 72 Hour Sentinel Flush

Indicator Lights

- User in View

Operating Pressure

- 15-100 psi (104-689 kPa)

Battery Type

- (4) C Alkaline

Battery Life

- 6 Years @ 4,000 flushes/month

Sensor Type

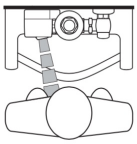
- Infrared Convergence Type Object Lock Detection

Sensor Range

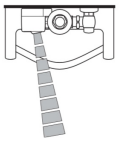
- Nominal 8" - 54" (203 mm- 1372 mm), Factory Set at 24" (610 mm)

▶ OPERATION

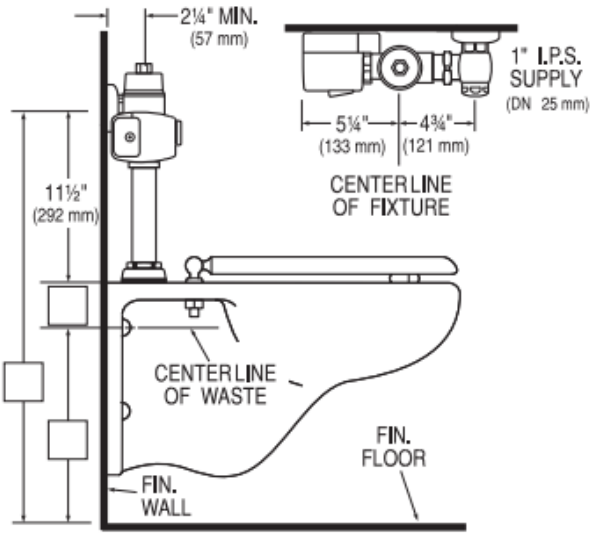
1. A continuous, invisible light beam is emitted from the object lock infrared sensor.



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.

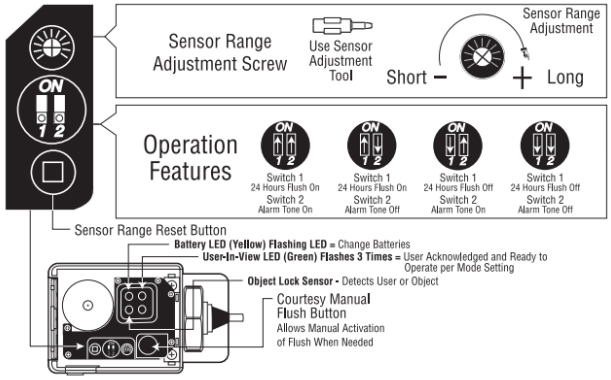


3. When the user steps away from the object lock Infrared sensor, the circuit initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.



Includes EBV-89-A Side Mount Operator

▶ FUNCTION SETTINGS



▶ VISUAL INDICATOR GUIDE