Sloan® Optima® SMO® Flushometer
110-3.5 DFB SMO

▶ Code Number
3780014

▶ Description
Exposed, Battery Powered, Side Mount Sensor Operated Water Closet Flushometer for floor mounted or wall hung top spud bowls.

▶ Flush Cycle
3.5 gpf/13.2 lpf

▶ Specifications
Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer with the following features:

- Chrome Plated Infrared Sensor Housing
- "User in View" Flashing LED
- Infrared Sensor Range Adjustment Screw and Reset Button
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- 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
- No External Volume Adjustment to Ensure Water Conservation
- Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine Resistance
- Flush accuracy controlled by CID® technology
- Spud Coupling and Flange for 1 1/2" 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 with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

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

▶ Variations
DFB - Dual-Filtered Bypass Diaphragm

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.

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.

Economical
Automatic operation provides water usage savings over other flushing devices. Reduces maintenance and operation costs.

▶ Compliance & Certifications
HET HIGH-EFFICIENCY TOILET

Buy American Act Compliant

UPC

This space for Architect/Engineer Approval

▶ ELECTRICAL SPECIFICATIONS

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Control Circuit
- Solid State
- 6 VDC Input

Indicator Lights
- User in View

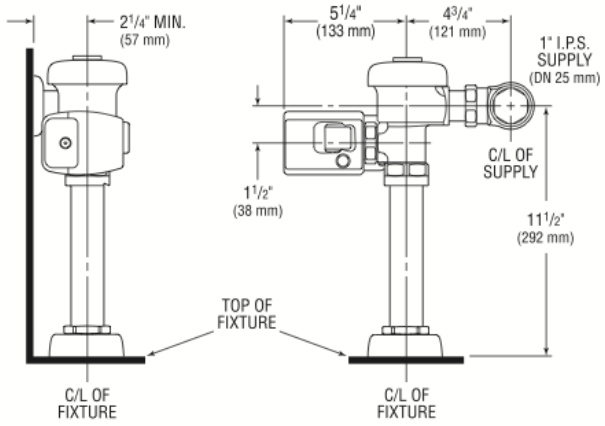
Battery Type
- (4) C Alkaline

Sensor Type
- Infrared Convergence Type Object Lock Detection

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

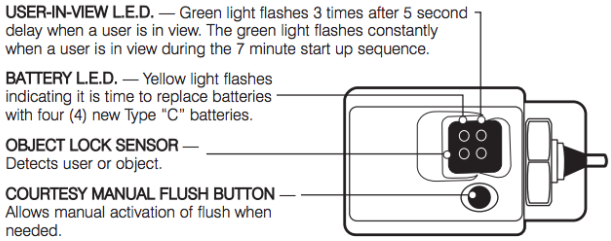
Operating Pressure
- 15 - 100 psi (104 - 689 kPa)

► ROUGH-IN



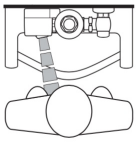
Includes EBV-89-A Side Mount Operator

► VISUAL INDICATOR GUIDE

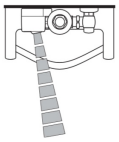


► OPERATION

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.

► FUNCTION SETTINGS