

Crown® Optima® SMO® Exposed Battery-Powered Side-Mount Sensor-Activated Flushometer

Crown Optima 113 SMO

► Code Number

3120210

► SPECIFICATIONS

Description

- Exposed, Battery Powered, Side Mount Sensor Operated Water Closet Flushometer for floor mounted or wall hung top spud bowls. Valve cannot be converted to exceed a low consumption flush.

Flush Cycle

- 1.6 gpf/6.0Lpf

Specifications

- Quiet, Exposed, Piston Type, Chrome Plated Closet Flushometer with the following features:
- Fixed Volume Piston with Filtered O-ring Bypass
- Chrome Plated Infrared Sensor Housing
- "User in View" Flashing LED
- Infrared Sensor Range Adjustment Screw and Reset Button
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- 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
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap
- Valve designed to accept Low and Ultra-Low Consumption Pistons only to ensure Water Conservation
- 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.

Accessories (Sold Separately)

- 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)
- TP - Trap Primer

► ELECTRICAL SPECIFICATIONS

Control Circuit

- Solid State
- 6 VDC Input



► 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.

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

Crown® Optima® SMO® Exposed Battery-Powered Side-Mount Sensor-Activated Flushometer Crown Optima 113 SMO

Indicator Lights

- User in View

Sensor Type

- Infrared Convergence Type Object Lock Detection

Sensor Range

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

Battery Type

- (4) C Alkaline

Battery Life

- 6 Years @ 4,000 flushes/month

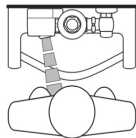
Operating Pressure

- 15 - 100 psi (104 - 689 kPa)

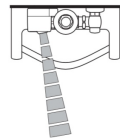
► OPERATION



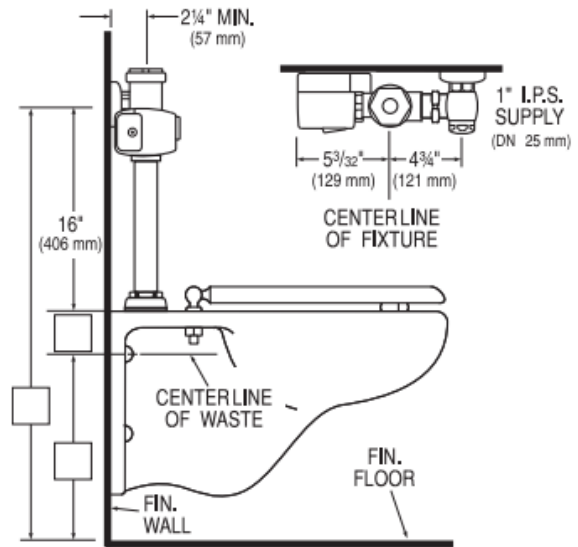
1. A continuous, invisible light beam is emitted from the object lock infrared sensor.



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

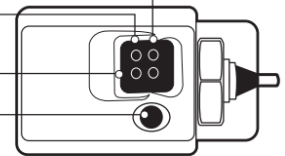
► VISUAL INDICATOR GUIDE

USER-IN-VIEW L.E.D. — Green light flashes 3 times after 5 second delay when a user is in view. The green light flashes constantly when a user is in view during the 7 minute start up sequence.

BATTERY L.E.D. — Yellow light flashes indicating it is time to replace batteries with four (4) new Type "C" batteries.

OBJECT LOCK SENSOR — Detects user or object.

COURTESY MANUAL FLUSH BUTTON — Allows manual activation of flush when needed.



► FUNCTION SETTINGS

