

Optima Plus® SFSM EBV-500-A

Code Number

3325500

Description

Battery-Powered, Sensor-Activated, Single-Flush Retrofit Conversion Kit for Exposed Closet or Urinal Flushometers.

Specifications

Quiet, Exposed, Optima Plus®, Battery Powered, Sensor-Activated, Single-Flush (sold separately) Retrofit Conversion Kits for Exposed Closet or Urinal Sloan flushometers with the following features:

- ADA Compliant AC-powered infrared side mount sensor for automatic "No Hands" operation
- Chrome Plated Infrared Sensor Housing
- Non-Hold-Open True Mechanical Override Full Flush Button
- Initial Set-up Range Indicator Light (first 10 minutes)
- Four (4) Size AA alkaline Batteries included: Duracell® with DURALOCK Power Preserve TechnologyTM-guaranteed for up to 10 years in storage
- "Low Battery" Flashing LED
- "User in View" Flashing LED
- Installation Tools provided
- No External Volume Adjustment to Ensure Water Conservation

Service Mode

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

Control Circuit

- Solid State
- 6 VDC Input
- 72 Hour Sentinel Flush
- Closet Range: 2-3 Second Arming Delay
- Urinal Range:1-2 Second Arming Delay

Sensor Type

Infrared Convergence Type Object Lock Detection

Sensor Range

Factory Set at 22" - 42" (559 mm-1067 mm)

If converted to urinal range setting: 15" - 30" (381 mm-762 mm)

► Battery Type

(4) C Alkaline

Battery Life
3 Years @4000 Flushes/Month

Indicator Lights

User in View

► Valve Operating Pressure (Flowing) 25-80 psi (172-552 kPa)

Variations

For Sloan GEM Flushometers – EBV-500-A-G

Fixtures

Consult Sloan for Sloan brand matching fixtures options.



► Smart Sense Technology™

Sloan® SFSM flushometers are equipped with Smart Sense Technology™, which applies extended range and logic techniques to significantly reduce water usage in high use urinal applications, such as when a continuous line of people (or queue) forms. In fact, during a continuous queue, regardardless of the number of users, the maximum amount of water used is only 2.5 gallons, assuming a 0.5 gpf diaphragm kit. Please contact Sloan for specific details.

Automatic Operation

Sloan's SFSM 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's SFSM flushometers can also be activated manually by pushing the black TMO button.

► 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.

Compliance & Certifications



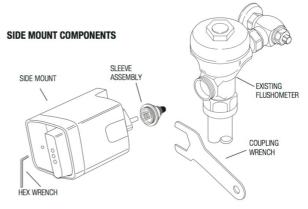


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SIDE MOUNT COMPONENTS



► OPERATION

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



2. As the user enters the beam's effective range, 22" - 42" (559 mm to 1067 mm), the beam is reflected into the scanner window to activate the output circuit. Once activated, the output circuit continues in a "hold" mode for as long as the user remains within the effective range of the sensor. If the user stays less than 60 seconds, a reduced flush will automatically initiate when the user leaves.



If the user stays longer than 60 seconds, a full flush will automatically initiate when the user leaves. 3. When the user steps away from the 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

EBV-500-A Single-Flush Side Mount unit shown on an existing Royal® Model 111 Closet Flushometer

