

Description

Battery Powered, Sensor-Activated Sloan ECOS[®] Model Retrofit Conversion Kit for Exposed High-Efficiency Urinal Flushometers.

Flush Cycle

- Model RESS-U-0.125 High-Efficiency (0.125 gpf/0.5 Lpf)
- Model RESS-U-0.25 High-Efficiency (0.25 gpf/1.0 Lpf)
- Model RESS-U-0.5 High-Efficiency (0.5 gpf/1.9 Lpf)

Specifications

Quiet, exposed, Optima Plus[®], battery-powered, sensor-activated urinal flushometer Retrofit Conversion Kit for Sloan Royal[®], Sloan[®] and Regal[®] flushometers with the following features:

- For flushing volumes 0.125 gpf and 0.25 gpf:
 - Pressure compensating cartridge assembly
 - Synthetic rubber seals for chloramine resistance
- For flushing volume 0.5 gpf:
 - PERMEX[®] Synthetic Rubber Diaphragm with twin linear filtered fixed bypass and vortex cleansing action
 - Flush accuracy controlled by CID technology
- For all flushing volumes:
 - Latching solenoid operator
 - Engineered metal cover with replaceable lens window
 - User-friendly three (3) second flush delay
 - Optional Courtesy Flush[®] Override Button
 - Four (4) AA-sized batteries factory installed
 - "Low Battery" flashing LED
 - Infrared sensor range adjustment screw
 - Initial set-up range indicator light (first 10 minutes)
 - Reduces water usage up to 80% over standard sensor urinal
 - Flex Tube Diaphragm designed for improved life and reduced maintenance
 - ADA Compliant Sloan ECOS[®] battery-powered Infrared Sensor for automatic "No Hands" operation
 - Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
 - Chrome Plated Metal Handle Cap
 - Installation Tools provided

Variations

- OR** Override Button
- Z** Locking Ring for Zurn[®] Flush Valve Bodies

Special Finishes

- PVDPB** Polished Brass (PVD Finish)
- PVDBN** Brushed Nickel (PVD Finish)
- PVDSF** Satin Finish

Accessories

See Accessories Section and Sloan ECOS[®] Accessories Section of the Sloan catalog for details on these and other Sloan ECOS[®] Flushometer variations.



RESS-U shown installed on an existing Sloan Flushometer.

RESS-U units do NOT include a Valve Body, Supply Stop or Vacuum Breaker.



Automatic Operation

Sloan ECOS[®] Flushometers activate via multi-lobular sensor detection to provide the ultimate in sanitary protection and automatic operation. By detecting user presence and duration, the Sloan ECOS Smart Sense Technology will determine the proper flush volume for unequalled water efficiency.

Manual Operation

Sloan ECOS[®] electronic urinal flushometers are available without an override button to eliminate unnecessary casual activation. The Sloan ECOS flushometers are offered with an optional Override Button to allow a "courtesy flush" for individual user comfort.

Smart Sense Technology

The Sloan ECOS[®] flushometer is 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, also known as a queue, forms. In fact during continuous queue, regardless the number of users, the maximum amount of water used is only 2.0 gallons (8186-0.5). Please contact Sloan for specific details.

Functional & Hygienic

Touchless, sensor-activation eliminates the need for user contact to help control the spread of infectious diseases.

Economical

Sloan installed batteries speed installation and provide years of metered flushing to control the use of water and energy. Batteries can be changed without turning off the water.

Warranty

3 year (limited)

This space for Architect/Engineer approval	
Job Name _____	Date _____
Model Specified _____	Quantity _____
Variations Specified _____	
Customer/Wholesaler _____	
Contractor _____	
Architect _____	

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ELECTRICAL SPECIFICATIONS

Control Circuit

Solid State
6 VDC Input
8 Second Arming Delay
24 Hour Sentinel Flush

Battery Type

(4) AA Alkaline

Battery Life

3 Years @ 4,000 Flushes/Month

Indicator Lights

Range Adjustment/Low Battery

Operating Pressure

15 - 100 psi (104 - 689 kPa)

Sentinel Flush

Once Every 24 Hours After the Last Flush

Sloan ECOS Sensor Type

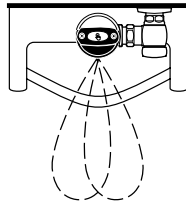
Active Infrared

Sloan ECOS Sensor Range

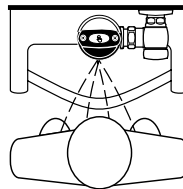
Nominal 15" - 30" (381 mm - 762 mm),
Adjustable ± 8" (203 mm)

OPERATION

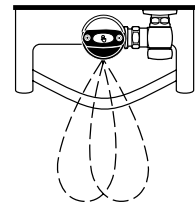
1. A continuous, invisible light beam is emitted from the Sloan ECOS® Sensor.



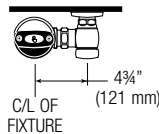
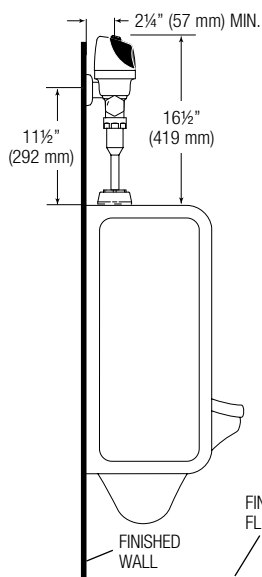
2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the Sloan ECOS® scanner window and transformed into a low voltage electrical circuit. Once activated, the output circuit continues in a "hold" mode for as long as the user remains within the effective range of the sensor.



3. When the user steps away from the Sloan ECOS® Sensor, the Sensor initiates an electrical signal that operates the Solenoid. This initiates the flushing cycle to flush the fixture. The Circuit then automatically resets and is ready for the next user.



VALVE ROUGH-IN



Note: Lens Deflector no longer needed for targeting children or wheel chair users.

