

► **Code Number**

10021401

► **Description**

Complete HEU system with Battery Powered, Sensor activated Sloan EcOS® urinal Flushometer with Smart Sense Technology™ and vitreous china urinal.

► **Flush Cycle**

- Model WEUS 1002.1401-0.25 EcOS® (0.25 gpf/0.9 Lpf)

► **SPECIFICATIONS**

Flushometer Specification

- ADA Compliant Sloan ECOS® battery powered Infrared Sensor for automatic "No Hands" operation
- Reduces water usage up to 80% over standard sensor urinal
- Engineered Metal Cover with replaceable Lens Window
- Optional courtesy flush® override Button
- Four (4) Size AA Batteries factory installed
- Sensor with automatic range adjustment
- Initial Set-up Range Indicator Light (first 10 minutes)
- 3/4" I.P.S. Screwdriver Bak-chek® angle Stop
- Free spinning, Vandal Resistant Stop Cap
- High Efficiency cartridge assembly
- Flush Accuracy Controlled by CID™ Technology
- Latching Solenoid Operator
- User Friendly Three (3) Second Flush Delay
- Synthetic rubber seals for chloramine resistance
- ADA compliant Solis solar powered infrared sensor for automatic "Hands-free" operation
- Spud coupling and flange for 3/4" top Spud
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- Chrome plated Infrared Sensor Housing
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Stop seat and vacuum breaker to be molded from PERMEX® rubber compound for chloramine resistance

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance to the applicable sections of ASSE 1037/ ASME A112.19.2/CSA B45.1

Urinal Specifications

- Wall hung vitreous china
- Washdown flushing action
- ¾" I.P.S. top spud inlet
- Vandal resistant strainer assembly included
- 2" NPT outlet flange
- All mounting hardware included
- Integral flushing rim
- 100 % factory flush tested
- Compliant to the applicable sections of ASME A112.19.2/CSA B45.1
- Carrier not included
- Compliant with Buy American Act when purchased as a combination

► **Plumbing System Requirements**

- Minimum Flowing Pressure: 25 PSI
- Maximum Static Pressure: 80 PSI



► **Disclaimer**

NOTE: All vitreous china dimensions shown in these drawings are nominal and not to scale. Dimensions can vary within the tolerances established in the governing ASME A112.19.2/CSA B45.1 standard. It is important to consider this when planning rough-in and plumbing layouts.

All information contained within this document subject to change without notice.

► **FEATURES**

Automatic

Sloan EcOS® Electronic Flushometers are activated via multi-lobular infrared sensor. Sloan EcOS® Electronic Urinal Flushometers are available without an override button to eliminate unnecessary casual activation. By detecting user presence and duration, the Sloan EcOS® Smart Sense Technology™ will determine the proper flush volume for unequalled water efficiency.

Functional & Hygienic

Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The Sloan ECOS® flushometer is also provided 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. Please contact Sloan for specific Details.

► **Compliance & Certifications**



ASME A112.1.3

This space for Architect/Engineer Approval

► ELECTRICAL SPECIFICATIONS

Control Circuit

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

Sensor Type

Active Infrared

Sensor Range

- Adjustable $\pm 8"$ (203 mm)
- Nominal 15" – 30" (381 mm – 762 mm),

Battery Type

(4) AA Alkaline

Battery Life

6 Years @ 4,000 Flushes/Month

Indicator Lights

Range Adjustment

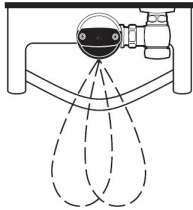
Valve Operating Pressure (Flowing)

15 – 100 psi (104 – 689 kPa)

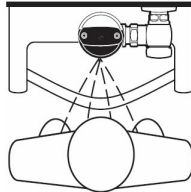
Sentinel Flush

Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

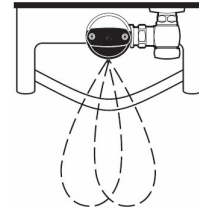
► OPERATION



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

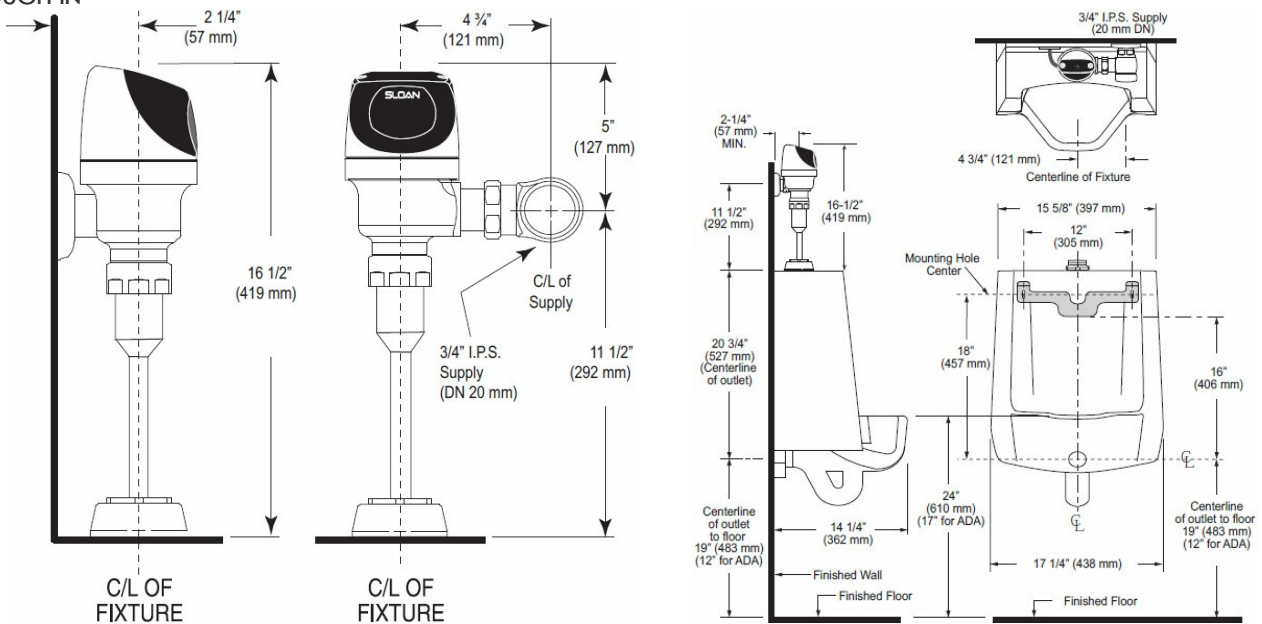


2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the Sloan ECOS® Scanner Window and transformed into a low voltage electrical circuit. once activated, the output circuit continues in a "hold" mode for as long as the user remains within the effective range of the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

► ROUGH-IN



► Brand

Sloan Standard Washdown Urinal