

► Code Number

10001411

► Description

Complete HEU system with Exposed, Hardwired, Sensor Activated Sloan EcOS® urinal Flushometer with Smart Sense Technology™ and vitreous china urinal.

► Flush Cycle

Model WEUS 1000.1411-0.125 ECOS® (0.125 gpf/0.5 Lpf)

► SPECIFICATIONS

Specifications

Quiet, Exposed, Chrome Plated Urinal flushometer for either left or right hand supply with the following features:

Urinal Specifications

- Wall hung vitreous china
- Washdown flushing action
- All mounting hardware included
- Integral flushing rim
- Carrier not included
- Vandal resistant strainer assembly included
- Compliant to the applicable sections of ASME A112.19.2/CSA B45.1
- Compliant with Buy American Act when purchased as a combination
- 2" NPT outlet flange
- 100 % factory flush tested
- 3/4" I.P.S. top spud inlet

Flushometer Specification

- ADA compliant Solis solar powered infrared sensor for automatic "Hands-free" operation
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Courtesy Flush® Override Button
- User Friendly Three (3) Second Flush Delay
- Sensor with automatic range adjustment
- Initial Set-up Range Indicator Light (first 10 minutes)
- Flush Accuracy Controlled by CID Technology
- Chrome plated Infrared Sensor Housing
- Engineered Metal Cover with replaceable Lens Window
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- Free spinning, Vandal Resistant Stop Cap
- 3/4" I.P.S. Screwdriver Bak-chek® angle Stop
- Spud coupling and flange for 3/4" top Spud
- Reduces water usage up to 80% over standard sensor urinal
- Synthetic rubber seals for chloramine resistance
- Stop seat and vacuum breaker to be molded from PERMEX® rubber compound for chloramine resistance
- ADA compliant Sloan EcOS® Hardwired Infrared Sensor for automatic "No Hands" operation
- Line Powered with 6 VAC Step Down Transformer



► FEATURES

Automatic

Sloan ECOS® Hardwire 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® Hardwire 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® Hardwire Flushometer is also provided with an Override Button to allow a "courtesy flush" for individual user comfort."

Smart Sense Technology

"The Sloan ECOS® Hardwire Flushometer is equipped with Smart Sense Technology™ which applies extended range and logic techniques to significantly reduce water usage in high use urinal applications

► Compliance & Certifications



ASME A112.1.3

► NOTE

Plumbing System Requirements

Minimum Flowing Pressure: 25 PSI / Minimum Flow Rate: 18 GPM /
Maximum Fixture Static Pressure: 80 PSI

This space for Architect/Engineer Approval

- High Efficiency cartridge assembly
- Patented D598,974

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

► ELECTRICAL SPECIFICATIONS

Control Circuit

Solid State

8 Second Arming Delay

3 Second Flush Delay

120 VAC Input

4.5 VAC Output

Sensor Type

Active Infrared

Sensor Range

Adjustable $\pm 8"$ (203 mm)

Nominal 15" – 30" (381 mm – 762 mm),

Transformers

Sloan Part No. EL-386 120 VAC, 60 Hz Primary 6 VAC. 60 Hz
Secondary Class II, 1/2 Amp - Plug-in Style

Sloan Part No. EL-451 120 VAC, 60 Hz Primary 6 VAC. 60 Hz
Secondary Class II, 25 VA - Box Style

Indicator Lights

Range Adjustment

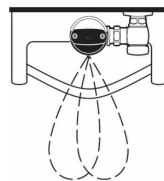
Operating Pressure

15 – 100 psi (104 – 689 kPa)

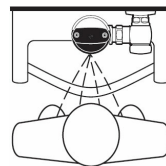
Sentinel Flush

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

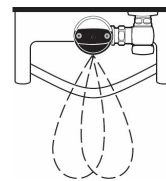
► OPERATION



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

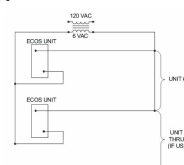


2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the Sloan ECOS® Scanner Window and transformed into a low voltage electrical circuit. once activated, the output circuit continues in a "hold" mode for as long as the user remains within the effective range of the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

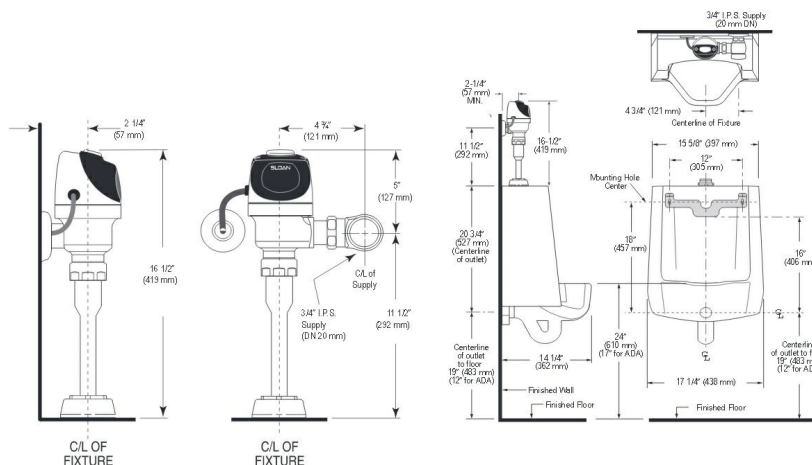


3. When the user steps away from the Sloan ECOS® Sensor, the Sensor initiates an electrical signal that operates the Solenoid. this initiates the flushing cycle to flush the fixture. the circuit then automatically resets and is ready for the next user.

► WIRING DIAGRAM



One 25 VA Transformer serves up to six ECOS® units.



► 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.

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