Retrofit Washdown Urinal Combination Package Model WEUS-1200.1410-0.125 ECOS

▶ Code Number
12001410

▶ Description
Combination package with Exposed, battery Powered, Sensor Activated ECOS® Model 8186 Water Closet Flushometer and vitreous china urinal.

▶ Flush Cycle
0.125 gpf/0.5 Lpf

▶ Flushometer Specification
Quiet, Exposed, Diaphragm Type, Chrome Plated Urinal Flushometer for either left or right hand supply with the following features:

- PERMEX® Synthetic Rubber Diaphragm with twin linear filtered bypass and vortex cleansing action
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Reduces water usage up to 80% over standard sensor urinal
- 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
- Engineered Metal Cover with replaceable Lens Window
- User Friendly Three (3) Second Flush Delay
- Courtesy Flush® Override Button
- "Low Battery" flashing LED
- Initial Set-up Range Indicator Light (first 10 minutes)
- 3/4" I.P.S. Screwdriver Bak-chek® angle Stop
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- High copper, low zinc brass castings for dezincification resistance
- 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
- Compliant with the Buy American Act when purchased as a combination

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

- Latching Solenoid Operator
- Four (4) Size AA Batteries factory installed

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

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.

▶ 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.

▶ Manual Operation
Sloan ECOS® electronic urinal flushometers are available without an override button to eliminate unnecessary casual activation.

▶ 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

▶ Functional & Hygienic
Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The SOLIS® solar-powered flushometers is provided with an override button to allow a Courtesy Flush® for individual user comfort.

▶ Compliance & Certifications
CEC Compliant

This space for Architect/Engineer Approval

SLOAN 10500 SEYMOUR AVE. ● FRANKLIN PARK, ● IL. 60131
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▶ Fixture Specification

- Integral flushing rim
- Wall hung vitreous china
- Wash down flushing action
- All mounting hardware included
- Carrier Not Included
- Vandal resistant strainer assembly included
- ¾" I.P.S. top spud inlet
- 2" NPT outlet flange
- Compliant to the applicable sections of ASME A112.19.2/CSA B45.1
- 100% factory flush tested

▶ Plumbing System Requirements

- Minimum Operating Flow Rate: 18 GPM
- Maximum Static Pressure: 80 PSI
- Minimum Flowing Pressure: 25 PSI

▶ OPTIMA Sensor Range

Nominal 15" – 30" (381 mm – 762 mm) Self-adaptive Window ± 8"(203 mm)

▶ Control Circuit

Solid State

6 VDC Input

8 Second Arming Delay

3 Second Flush Delay

▶ Sensor Type

Active Infrared

▶ Battery Back-up Type

(4) AA Alkaline

▶ Battery Life

6 Years @ 4,000 flushes/month

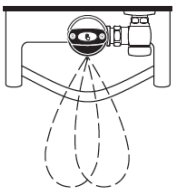
▶ Indicator Lights

Range Adjustment

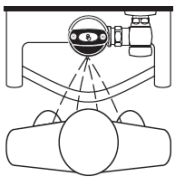
Low Battery Warning

▶ OPERATION

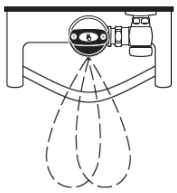
1. A continuous, invisible light beam is emitted from the Sloan ECOS® Sensor.



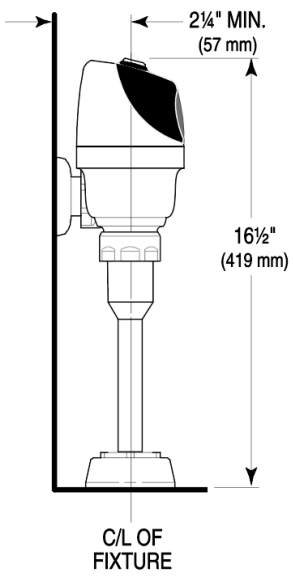
2. As the user enters the beam's effective range, 15" - 30" (381 mm to 762 mm), the beam is reflected into the Scanner Window to activate the Output Circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the sensor.

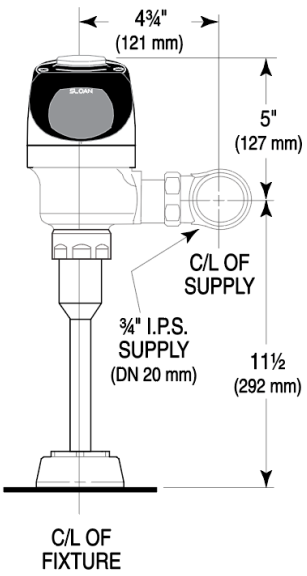


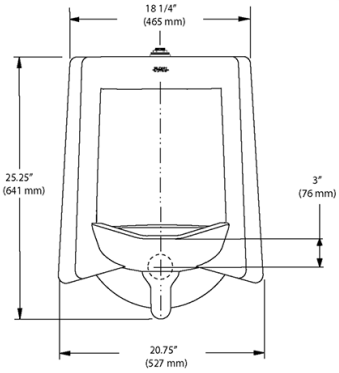
3. When the user steps away from the Sloan ECOS® sensor the sensor initiates an electrical signal that operates the solenoid.This initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.

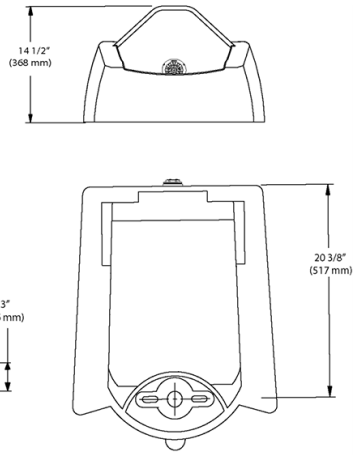


▶ ROUGH-IN









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