Retrofit Washdown Urinal Combination Package WEUS-1200.1201-0.125 Solis

▶ Code Number
12001201

▶ Description
Combination package with Exposed, Solar Powered, Sensor Activated Solis® 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:

- 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
- High copper, low zinc brass castings for dezincification resistance
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- PERMEX® Synthetic Rubber Diaphragm with twin linear filtered bypass and vortex cleansing action
- Reduces water usage up to 80% over Standard Sensor Urinals
- Solar Powered - The sensor assembly is powered by a solar cell that will harvest power from artificial indoor light, either incandescent or fluorescent light, and use it as the energy source. The solar cell can provide approximately 100% power with 650 Illuminance (lux).
- Four (4) Size AA Battery Back-up Power Source
- "Low Battery" flashing LED
- ADA compliant Sloan SOLIS® Solar 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
- Initial Set-up Range Indicator Light (first 10 minutes)
- 3/4" I.P.S. Screwdriver Bak-chek® angle Stop
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation

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

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's SFSM equipped flushometers provide the ultimate in sanitary protection and automatic operation. There is no need for AC hookups or wall alterations. The flushometer operates by means of a battery-powered infrared sensor. True mechanical manual override button enables the flushometer to work in the event of a power failure. State-of-the-art technology enables activation of a manual override without "double flushing" occurring as the user departs (locks out sensor for approximately 10 seconds).

▶ Manual Operation
Sloan's SOLIS® solar-powered flushometers incorporate an intuitive button design for easy manual activation.

▶ Smart Sense Technology
The Sloan SOLIS® 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.

▶ 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

CALGreen

This space for Architect/Engineer Approval

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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

▶ Control Circuit

Solid State

6 VDC Input

8 Second Arming Delay

3 Second Flush Delay

▶ Sensor Type

Active Infrared

▶ Sensor Range

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

▶ Battery Back-up Type

(4) AA Alkaline

▶ Battery Life

6 Years @ 4,000 flushes/month

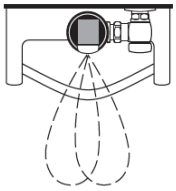
▶ Indicator Lights

Range Adjustment

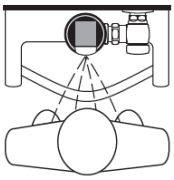
Low Battery Warning

▶ OPERATION

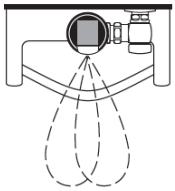
1. A continuous, invisible light beam is emitted from the SOLIS® Sensor.



2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the SOLIS® 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 SOLIS® 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