

► **Code Number**
10001201

► **Description**

Complete HEU system with solar powered, sensor activated Sloan Solis® urinal 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:

- Flex Tube Dual Filtered Bypass Diaphragm designed for improved life and reduced maintenance
- Flush accuracy controlled by CID® technology
- ADA compliant Sloan SOLIS® Solar Powered Infrared Sensor for automatic "No Hands" operation
- 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).
- Latching Solenoid Operator
- Courtesy Flush® Override Button
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- Sensor with automatic range adjustment
- Initial Set-up Range Indicator Light (first 10 minutes)
- Free spinning Vandal Resistant Stop Cap and Adjustable Tailpiece
- Chrome plated Infrared Sensor Housing
- Engineered Metal Cover with replaceable Lens Window
- Spud coupling and flange for 3/4" top Spud
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Sloan Solis® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- 1/4" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Spud Coupling and flange for 1/2" Top Spud
- Four (4) Size AA Battery back-up power source
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMED® 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

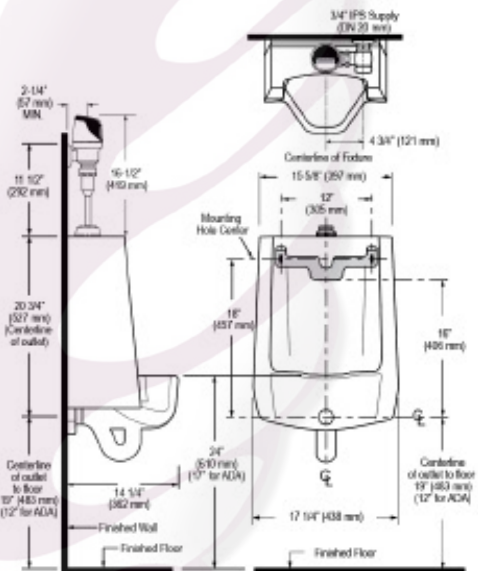
- Wall hung vitreous china
- Washdown flushing action
- All mounting hardware included
- Integral flushing rim
- Carrier not included
- Vandal resistant strainer assembly included
- Compliant to the applicable sections of ASME A112.19.2/CSA B45.1
- Compliant with Buy American Act when purchased as a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

► **Plumbing System Requirements**

Maximum Static Pressure: 80 PSI

Minimum Flowing Pressure: 25 PSI

Minimum Flow Rate: 18 GPM



► **FEATURES**

Automatic

The Flushometer operates by means of an infrared sensor that adapts to its surroundings. Once the user enters the sensor's effective range and then steps away, the Flushometer Solenoid initiates the flushing cycle to flush the fixture.

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.

Economical

Automatic operation provides water usage savings over other flushing devices. Reduces maintenance and operation costs.

► **Compliance & Certifications**

ASME A112.1.3

CEC Compliant



CALGreen

This space for Architect/Engineer Approval

► ELECTRICAL SPECIFICATIONS

Control Circuit

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

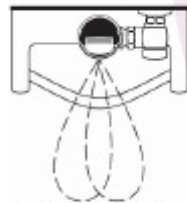
Sensor Type

- Active Infrared

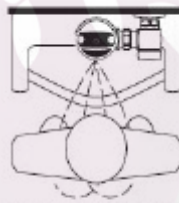
Sensor Range

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

► OPERATION



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



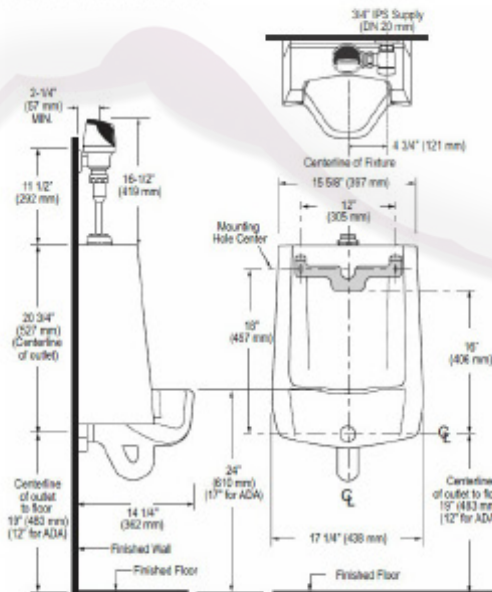
2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the Sloan Solis® Scanner Window and transformed into a low voltage electrical circuit. Once activated, the Output circuit continues in a "hold" mode for as long as the user remains within the effective range of the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



3. When the user steps away from the Sloan 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

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



► Disclaimer

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.