

► Code Number

70001201

► 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

Specifications

- Quiet, exposed, diaphragm type, chrome plated urinal flushometer for either left or right hand supply and vitreous china urinal with the following features:
- Sensor assembly powered by a solar cell that will harvest power from artificial indoor light, either in incandescent or fluorescent light, providing approximately 100% power with 650 luminance (lux).
- Infrared Sensor with Multiple-focused, Lobular Sensing fields for high and low target detection
- "Low Battery" flashing LED
- "User in View" flashing LED
- Infrared Sensor Range Adjustment Screw and Reset Button
- High copper, low zinc brass castings for dezincification resistance
- No external volume adjustment to ensure water conservation
- Adjustable Tailpiece
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 3/4" IPS screwdriver Bak-Chek® angle stop with free spinning, vandal resistant stop cap
- High back pressure vacuum breaker flush connection w/one-piece bottom hex coupling nut
- Sweat solder adapter w/cover tube and cast wall flange w/set screw
- Spud coupling and Flange for 3/4" Top Spud
- 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

Fixture Specifications

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



► FEATURES

Automatic

Sloan Solar powered Flushometers activate via multi-lobular sensor detection to provide the ultimate in sanitary protection and automatic operation. A solar powered infrared sensor sets the flushing mechanism after the user is detected and Completes the flush when the user steps away.

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 and a very low flush volume provides water savings over other flushing devices. Reduces maintenance and operation costs. Installation and battery replacement does not require turning off water to the valve.

► Compliance & Certifications

ASME A112.1.3

CEC Compliant



CALGreen



► 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

► ELECTRICAL SPECIFICATIONS

Control Circuit

Solid state, 6 VDC input

Sensor Type

Infrared Convergence Type Object Lock Detection

Sensor Range

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

Adjustable $\pm 8"$ (203 mm)

Battery Back-up Type

(4) AA Alkaline

Battery Life

6 Years @ 4,000 flushes/month

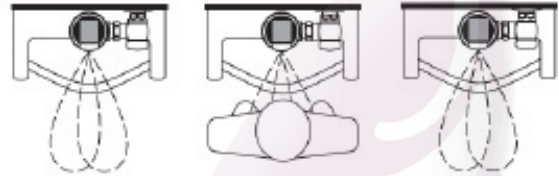
Indicator Lights

User in View

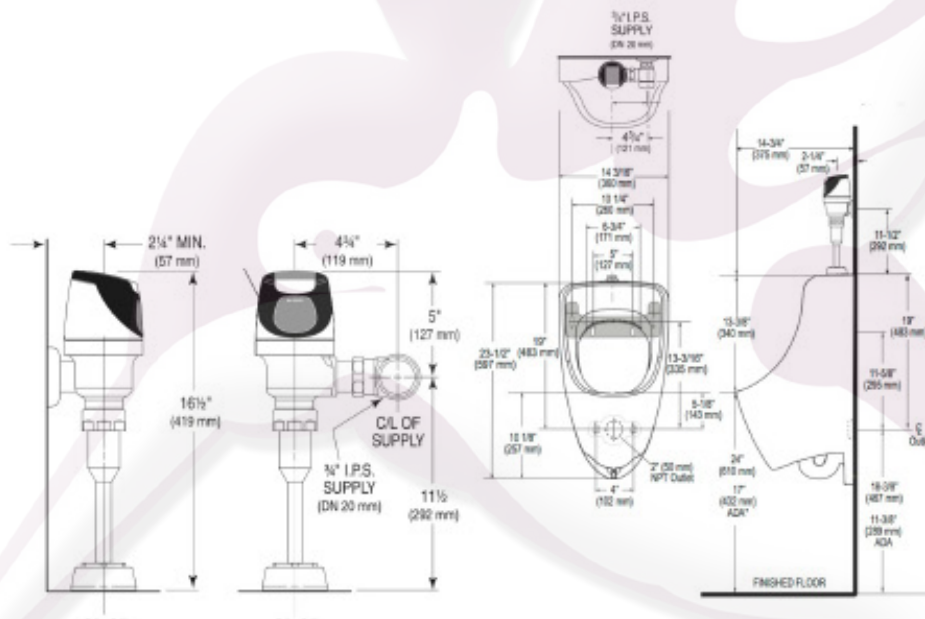
Valve Operating Pressure (Flowing)

15 - 100 psi (104 - 689 kPa)

► 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.



► 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.