SOLIS® Solar-Powered Flushometer
SOLIS 8113-1.6/1.1

▶ Code Number
3370009

▶ Description
Exposed, Solar Powered, Sensor Activated Sloan SOLIS® Dual Flush Model Water Closet Flushometer for floor mounted or wall hung top spud bowls.

▶ Flush Cycle
- Full Flush (Large Button) / 1.6 gpf/6.0 Lpf Reduced Flush (Small Button) / 1.1 gpf/4.2 Lpf

▶ Specifications
Quiet, Exposed, Diaphragm Type, Closet Flushometer for either left or right hand supply with the following features:

- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- Initial Set-up Range Indicator Light (first 10 minutes)
- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- Reduces water volume by up to 30% when a reduced flush occurs
- Sweat solder adapter with cover tube and cast wall flange with set screw
- 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
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Infrared Sensor Range Adjustment Screw
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- If the user is present for less than one minute and leaves the sensing zone or chooses the small override button, a reduced flush initiates (1.1 gpf/4.2 Lpf) eliminating liquid and paper waste, saving 1/2 gallon of water
- If the user is present for greater than one minute and leaves the zone or chooses the large override button, the full fl ush initiates (1.6 gpf/ 6.0 Lpf) eliminating solid waste and paper
- PERMEX® Synthetic Rubber Flex Tube Diaphragm with twin linear filtered bypass and vortex cleansing action
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- ADA Compliant Sloan SOLIS® Electronic Single Flush Solar Powered Infrared Sensor for automatic "No Hands" operation
- Engineered Metal Cover with replaceable Lens Window
- Courtesy Flush® Override Button
- Flush accuracy controlled by CID® technology
- Spud Coupling and Flange for 1 1/2" Top Spud

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap

▶ Accessories (Sold Separately)
See Accessories Section and SOLIS® flushometer Accessories Section of the Sloan catalog for details on these and other SOLIS® flushometer variations.

▶ ELECTRICAL SPECIFICATIONS

▶ OPERATION

▶ Smart Sense Technology™
The Sloan SOLIS® Flushometer is equipped with Smart Sense Technology™ which applies logic techniques to significantly reduce water usage without user input. If the user is present for less than one minute a reduced flush is initated.

▶ Automatic Operation
Sloan SOLIS® Solar powered, Single Flush Flushometers are activated via multi-lobular infrared sensor. By detecting user presence and duration, the Sloan SOLIS® Smart Sense Technology™ will determine the proper flush volume for unequalled water efficiency.

▶ Manual Operation
Sloan SOLIS® Solar powered Flushometers incorporate a intuitive button design for easy manual activation. Straightforward graphics alert user to proper activation. To further educate the user, two (2) instructional wall plates are included with each Sloan Solis® Flushometer.

▶ Functional & Hygienic
Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases.

▶ Compliance & Certifications

This space for Architect/Engineer Approval

▶ ROUGH-IN

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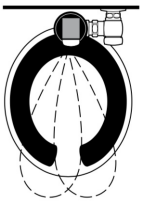
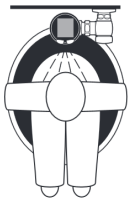


1. A continuous, invisible light beam is emitted from the SOLIS® Sensor.

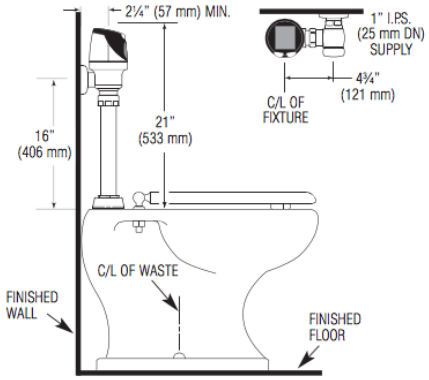


2. As the user enters the beam's effective range, 22" to 42" (559 mm to 1067 mm), the beam is reflected into the Scanner Window to activate the Output Circuit. Once activated, the Output Circuit continues in a ""hold"" mode for as long as the user remains within the effective range of the sensor. If the user stays longer than 65 seconds, a full flush will automatically initiate when the user leaves.

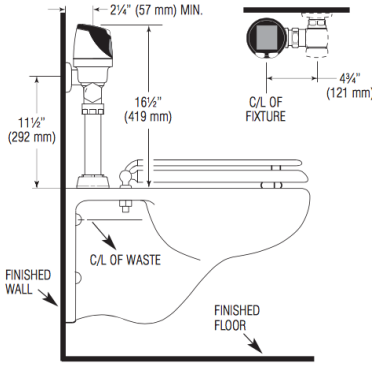
3. Once a user is detected, if the user leaves in 65 seconds or less, a reduced flush will automatically initiate. The circuit automatically resets and is ready for the next user

► Optional Sentinel Flush

Once Every 72 Hours After the Last Flush. Product shipped from factory with feature turned off. Consult factory to activate.



Model 8113



When installing the Sloan SOLIS® Dual Flush in a handicap stall: Per the ADA Guidelines (section 604.9.4) it is recommended that the grab bars be split or shifted to the wide side of the stall.