

► Code Number

20021201

► SPECIFICATIONS

Specifications

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

Flush Cycle

- Model WETS 2002.1201-1.6/1.1 SOLIS DF
- 1.6 / 1.1 gpf - 6 lpf / 4 lpf

Flushometer Specification

- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- User Friendly Three (3) Second Flush Delay
- Four (4) Size AA Battery factory installed back-up power source
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- Initial Set-up Range Indicator Light (first 10 minutes)
- Flush Accuracy Controlled by CID Technology
- Chrome plated Infrared Sensor Housing
- Engineered Metal Cover with replaceable Lens Window
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Valve Body, 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. Installation conforms to ADA requirements.
- 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).
- 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 flush initiates (1.6 gpf/ 6.0 Lpf) eliminating solid waste and paper
- Reduces water volume by up to 30% when a reduced flush occurs
- PERMEX® Synthetic Rubber Diaphragm with twin linear filtered bypass and vortex cleansing action
- ADA Compliant Sloan Solis® Electronic Dual Flush Solar Powered Infrared Sensor for automatic "No Hands" operation
- Courtesy Flush® Override Buttons
- Diaphragm, Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine resistance

► FEATURES

Automatic

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



► SPECIFICATIONS (continued)

Fixture Specification

- Integral flushing rim with bed pan lugs
- 1-1/2" I.P.S. top spud inlet
- Siphon jet flush
- Floor Mounted Vitreous China Elongated Bowl
- Compatible with toilet seat models:
- Church Commercial 295CT
- Dual Flush
- 2 1/8" fully glazed trapway diameter
- Water spot area 9-1/2" x 8-1/4"
- Mounting hardware and toilet seat not included
- Olsonite 10CT, Bemis 1955CT, Bemis 2155CT and
- Complies to the applicable sections of: ANSI/ASME A112.19.2 and CSA B45.1
- Compliant with the Buy American Act when purchased as a combination

► Compliance & Certifications

Made In The
USA

This space for Architect/Engineer Approval

Economical

- Automatic operation provides water usage savings over other flushing devices.

Functional & Hygienic

- User makes no physical contact with the Flushometer surface.

► Plumbing System Requirements

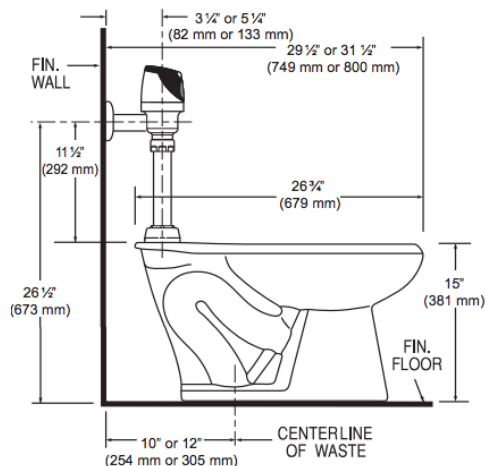
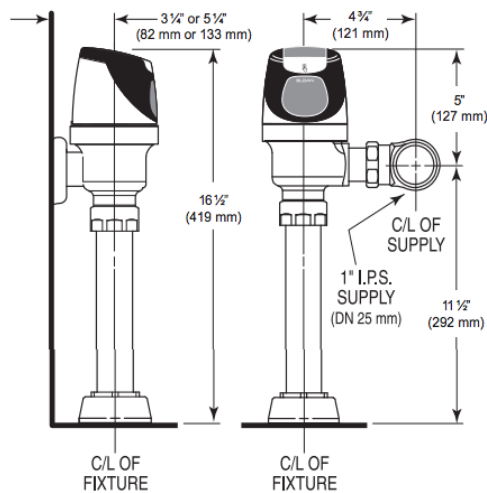
Minimum Flowing Pressure: 25 PSI

Maximum Static Pressure: 80 PSI

Minimum Flow Rate: 25 GPM

► ROUGH-IN

NOTE : All vitreous china dimensions shown in these drawings are nominal. Dimensions can vary within the tolerances established in the governing ASME A112.19.2/ CSA B45.1 standard. Please take this into consideration when planning rough-in and plumbing layouts.



► ELECTRICAL SPECIFICATIONS

Sensor Type

- Active Infrared

Sensor Range

- Nominal 22" – 42" (559 mm – 1067 mm),
- Adjustable $\pm 8"$ (203 mm)

Battery Life

- 6 Years @ 4,000 flushes/month

Battery Back-up Type

- (4) AA Alkaline

Indicator Lights

- Range Adjustment

Sentinel Flush

- Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

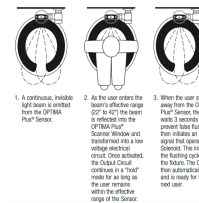
Control Circuit

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

Valve Operating Pressure (Flowing)

- Valve Operating Pressure (Flowing)

► OPERATION



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. When the user steps away from the Sloan SOLIS® Flush Sensor, the circuit waits 3 seconds (to prevent false flushing) then 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 or the next user.

