

► Code Number

24521201

► Description

Complete HET system with exposed, battery powered, sensor activated, Solis® closet Flushometer and vitreous china wall hung fixture.

► Flush volume

1.6/1.1 (Full Flush 1.6 gpf/6.0 Lpf, Reduced Flush 1.1 gpf/4.2 Lpf)

► Flushometer Specification

Quiet, exposed, Battery Powered, sensor activated, diaphragm type, Solis® closet Flushometer for either left or right hand supply with the following features:

- Sloan Solis® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Sensor assembly powered by a solar cell that will harvest power from artificial indoor light, either incandescent or fluorescent light, providing approximately 100% power with 650 illuminance (lux).
- Latching Solenoid Operator
- Engineered Metal Cover with replaceable Lens Window
- Courtesy Flush® Override Button
- User Friendly Three (3) Second Flush Delay
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- Sensor with automatic range adjustment
- Initial Set-up Range Indicator Light (first 10 minutes)
- 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
- 1" I.P.S screwdriver Bak-Chek® angle stop
- Four (4) Size AA Battery back-up power source
- Flush accuracy controlled by CID® technology
- High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for 1-1/2" Top Spud
- infrared Sensor with Multiple-focused, Lobular Sensing fields for high and low target detection

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

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- 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 and saving water
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine



► 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.

► Manual

Sloan ECOS® Electronic Flushometers include a button design for manual use. The flush is controlled by the button.

► Hygienic

User makes no physical contact with the Flushometer surface except to initiate the Override Button when required. Helps control the spread of infectious diseases.

► Economical

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

► Practical

Solid state electronic circuitry assures years of dependable, trouble-free operation. Proven by more than 100 years of experience.

► Compliance & Certifications



This space for Architect/Engineer Approval

resistance

► Fixture Specification

- Wall hung vitreous china elongated bowl
- Siphon jet flushing action
- Integral flushing rim with bed pan lugs
- Water spot area 11 1/4" x 8 1/2"
- Recommended seats:
- Bemis - 1955CT/1955SSCT & 2155CT/2155SSCT
- Church - 295CT/295SSCT & 2155CT/2155SSCT
- 1-1/2" I.P.S. top spud inlet
- 2 1/8" fully glazed trapway diameter
- Mounting hardware, carrier and toilet seat not included

► Sensor Type

- Active Infrared

► Sensor Range

- Nominal 22" – 42" (559mm – 1067mm)

► 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

24 Hour Sentinel Flush

8 Second Arming Delay

Solid State

► OPERATION



1. A continuous, invisible light beam is emitted from the object lock infrared sensor.

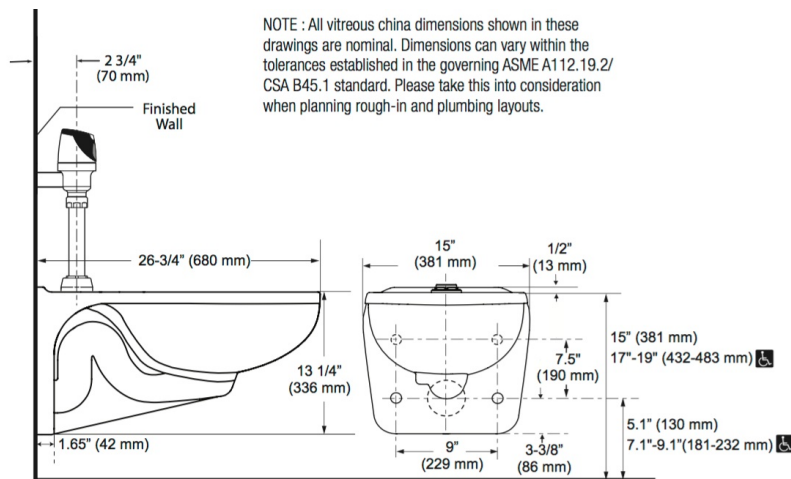
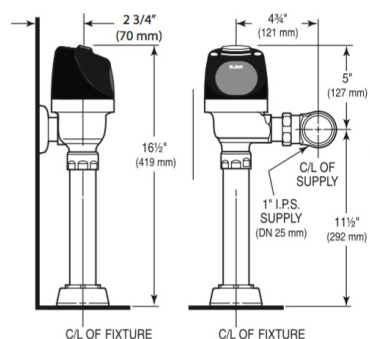


2. As the user enters the beam's effective range (22" to 42") the beam is reflected into the Scanner Window and transformed into a low voltage electrical circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the Sensor.



3. Once a user is detected, the circuit automatically resets and is ready for the next user.

DIMENSIONS/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.