

► **Code Number**

20011101

► **Specifications**

Quiet, exposed, battery powered, sensor activated, diaphragm type, ECOS® closet Flushometer for either left or right hand supply with the following features:

► **Flush Cycle**

1.1 gpf/4.2 Lpf

► **Flushometer Specification**

- Quiet, diaphragm type, chrome plated closet Flushometer and vitreous china water closet with the following features:
- Flex Tube Dual Filtered Bypass Diaphragm designed for improved life and reduced maintenance
- Flush accuracy controlled by CID® technology
- Courtesy Flush® Override Button
- User Friendly Three (3) Second Flush Delay
- Sensor with automatic range adjustment
- Spud coupling and flange for 1½" top spud
- Four (4) Size AA Batteries factory installed
- Chrome plated Infrared Sensor Housing
- Engineered Metal Cover with replaceable Lens Window
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- "Low Battery" flashing LED and initial set-up range indicator light (first 10 minutes)
- 1" I.P.S screwdriver Bak-Chek® angle stop
- ADA Compliant Sloan ECOS® Battery Powered Infrared Sensor for automatic "No Hands" operation
- ADA Compliant Solar-Powered Solis® Infrared Sensor for automatic "No Hands" operation
- 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
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

► **Fixture Specifications**

- Siphon jet flushing action
- Integral flushing rim
- Recommended seats:
- Bemis - 1955CT/1955SSCT & 2155CT/2155SSCT
- Church - 295CT/295SSCT & 2155CT/2155SSCT
- Compliant with Buy American Act when purchased as a combination
- Floor mounted vitreous china
- Toilet seat not included



► **Control Circuit**

- Solid State
- 6 VDC Input
- 8 Second Arming Delay
- 3 Second Flush Delay

► **Indicator Lights**

- Range Adjustment

► **Sensor Type**

- Active Infrared

► **Sensor Range**

- Adjustable ± 8" (203 mm)
- Nominal 22" - 42" (559 mm - 1067 mm) Self-adaptive Window: ± 10" (254 mm)

► **Battery Type**

- (4) AA Alkaline

► **Battery Life**

- 6 Years @ 4,000 flushes/month

► **Sentinel Flush**

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

► **Compliance & Certifications**



This space for Architect/Engineer Approval

- Closet bolts and caps included
- 1½" IP.S. top spud inlet
- 2 1/8" fully glazed trapway diameter
- Water closet compliant to the applicable sections of ASME A112.19.2/CSA B45.1

► 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.

Manual

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

Practical

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

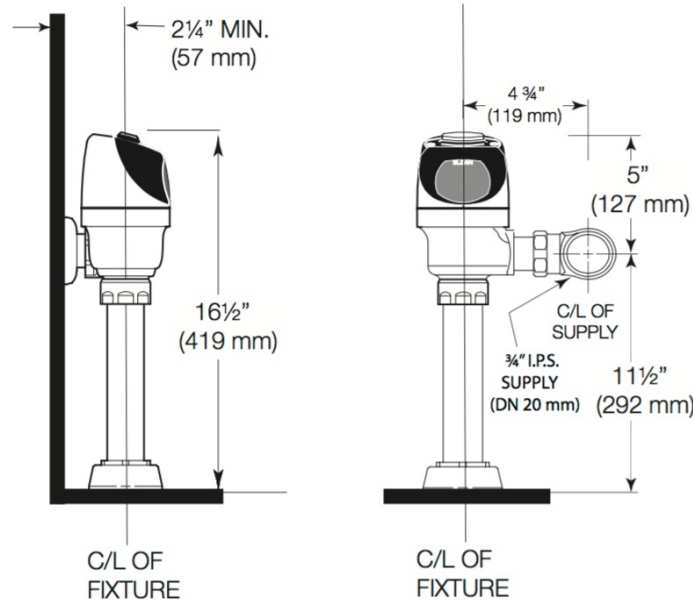
Economical

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

Hygienic

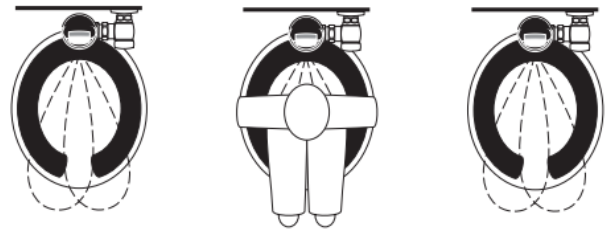
User makes no physical contact with the Flushometer surface except to initiate the Override Button when required. Helps control the spread of infectious diseases.

► 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.

► OPERATION



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

3. When the user steps away from the Sloan ECOS® 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 for the next user.

2. As the user enters the beam's effective range, 22" - 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. A full flush will automatically initiate when the user leaves.

► Plumbing System Requirements

Maximum Static Pressure: 80 PSI

Minimum Flow Rate: 25 GPM

Minimum Flowing Pressure: 25 PSI