

► Code Number

20211201

► SPECIFICATIONS

Quiet, exposed, diaphragm type, chrome plated closet HET Flushometer and HET vitreous china floor mount fixture 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
- Latching Solenoid Operator
- 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)
- Spud coupling and flange for 1½" top spud
- Chrome plated Infrared Sensor Housing
- Engineered Metal Cover with replaceable Lens Window
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Sloan Solis® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Free spinning, Vandal Resistant Stop Cap

Valve Body, 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.

- 1" I.P.S screwdriver Bak-Chek® angle stop
- 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).
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

► SPECIFICATIONS (continued)

Fixture Specification

- Recommended seats:
- Bemis - 1955CT/1955SSCT & 2155CT/2155SSCT
- Church - 295CT/295SSCT & 2155CT/2155SSCT
- 2" trapway diameter
- Integral flushing rim with bed pan lugs



► 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.

Functional & Hygienic

User makes no physical contact with the Flushometer surface.

Economical

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

► Compliance & Certifications



This space for Architect/Engineer Approval

► Plumbing System Requirements

Maximum Static Pressure: 80 PSI

Minimum Flow Rate: 25 GPM

Minimum Flowing Pressure: 25 PSI

► ROUGH-IN

Solar-Powered HET Flushometer and ADA Compliant HET Water Closet

WETS 2021.1201-1.1 SOLIS®

- White Vitreous china
- Fully glazed trapway
- Elongated bowl
- Siphon jet flush
- Closet bolts and caps included
- Toilet seat not included
- Water closet shall be in compliance to the applicable sections of ASME A112.19.2/CSA B45.1
- Compliant with Buy American Act when purchased as a combination
- ADA compliant
- 1-1/2" I.P.S. top spud inlet
- Floor mounted, Floor outlet

► ELECTRICAL SPECIFICATIONS

Sensor Type

- Active Infrared

Indicator Lights

- Range Adjustment

Battery Life

- 6 Years @ 4,000 flushes/month

Battery Back-up Type

- (4) AA Alkaline

Sensor Range

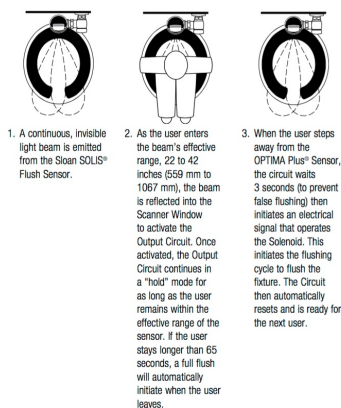
- Adjustable $\pm 8"$ (203 mm)
- Nominal 22" - 42" (559 mm - 1067 mm) Self-adaptive Window: $\pm 10"$ (254 mm)

Sentinel Flush

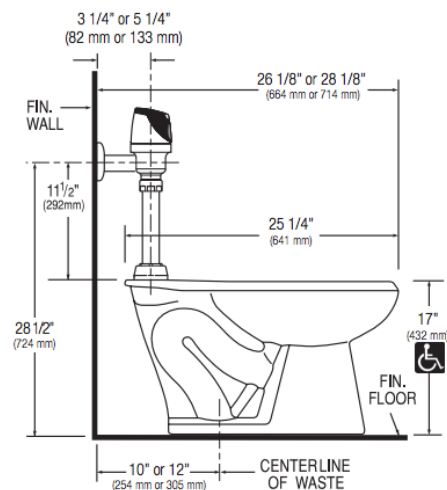
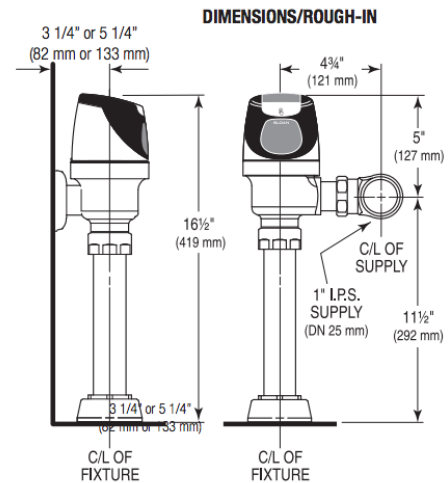
- Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

Control Circuit

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



OPERATION



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.