

► **Code Number**

20201201

► **Description**

Complete HET system with solar-powered, sensor activated Solis® Flushometer and vitreous china ADA compliant fixture.

► **Flush Cycle**

1.28 gpf/4.8 Lpf

► **SPECIFICATIONS**

Flushometer Specification

Quiet, diaphragm type, chrome plated closet Flushometer and vitreous china water closet with the following features:

- Flush accuracy controlled by CID® technology
- Courtesy Flush® Override Button
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- Sensor with automatic range adjustment
- Initial Set-up Range Indicator Light (first 10 minutes)
- Chrome plated Infrared Sensor Housing
- Engineered Metal Cover with replaceable Lens Window
- High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for 1-1/2" Top Spud
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Spud Coupling and Flange for 1 R/2" Top Spud
- 1" I.P.S. screwdriver Bak-Chek® angle stop
- Four (4) Size AA Battery back-up power source
- Infrared Sensor with Multiple-focused, Lobular Sensing fields for high and low target detection
- 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

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

Fixture Specifications

- Integral flushing rim
- Compliant with Buy American Act when purchased as a combination
- Compatible with toilet seat models:
- Church Commercial 295CT
- Olsonite 10CT, Bemis 1955CT, Bemis 2155CT &
- Toilet seat not included
- Closet bolts and caps included
- Elongated bowl with siphon jet flush
- 1 1/2" I.P.S. top spud inlet
- 2 1/8" fully glazed trapway diameter
- 100% factory flush tested
- Water closet compliant to the applicable sections of ASME A112.19.2/CSA B45.1

► **Plumbing System Requirements**

- Maximum Static Pressure: 80 PSI
- Minimum Flow Rate: 25 GPM
- Minimum Flowing Pressure: 25 PSI



► **FEATURES**

Automatic

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

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**

CEC Compliant



This space for Architect/Engineer Approval

► ELECTRICAL SPECIFICATIONS

Control Circuit

Solid State

6 VDC Input

72 Hour Sentinel Flush

8 Second Arming Delay

Sensor Type

Active Infrared

Sensor Range

Nominal 22" - 42" (559mm - 1067mm)

Adjustable ± 8" (203 mm)

Battery Life

6 Years @ 4,000 flushes/month

Battery Back-up Type

(4) AA Alkaline

Indicator Lights

Range Adjustment

Valve Operating Pressure (Flowing)

15 - 100 psi (104 - 689 kPa)

Sentinel Flush

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

► OPERATION



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



2. As the user enters the beam's effective range, 22 to 42 inches (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® 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.

► Disclaimer

All information contained within this document subject to change without notice.

NOTE: All vitreous china dimensions shown in these drawings are nominal and not to scale. Dimensions can vary within the tolerances established in the governing ASME A112.19.2/CSA B45.1 standard. It is important to consider this when planning rough-in and plumbing layouts.

► ROUGH-IN

