

► **Code Number**
20001201

Specifications

Quiet, exposed, diaphragm type, chrome plated closet HET Flushometer and HET vitreous china floor mount fixture with the following features:

Flush Cycle
1.28 gpf/4.8 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
- Spud Coupling and Flange for 1-1/2" Top Spud
- Latching Solenoid Operator
- 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
- Sloan Solis® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Free spinning, Vandal Resistant Stop Cap
- 1" I.P.S screwdriver Bak-Chek® angle stop
- ADA Compliant Solar-Powered Solis® Infrared Sensor for automatic "No Hands" operation
- Four (4) Size AA Battery back-up power source
- Flush accuracy controlled by CID® technology
- 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

► 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.



Fixture Specifications

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

► Plumbing System Requirements

Maximum Static Pressure: 80 PSI

Minimum Flow Rate: 25 GPM

Minimum Flowing Pressure: 25 PSI

► Compliance & Certifications



This space for Architect/Engineer Approval

► OPERATION

Economical

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

Functional & Hygienic

- Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The OPTIMA Plus® Flushometer is provided with an Override Button to allow a "courtesy flush" for individual user comfort.

► ELECTRICAL SPECIFICATIONS

Control Circuit

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

Indicator Lights

- Range Adjustment

Battery Type

- (4) AA Alkaline

Battery Life

- 6 Years @ 4,000 flushes/month

Sensor Type

- Active Infrared

Sensor Range

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

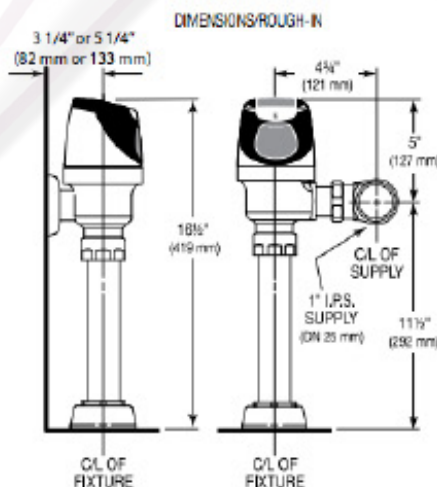
Sentinel Flush

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

Valve Operating Pressure (Flowing)

- 15 - 100 psi (104 - 689 kPa)

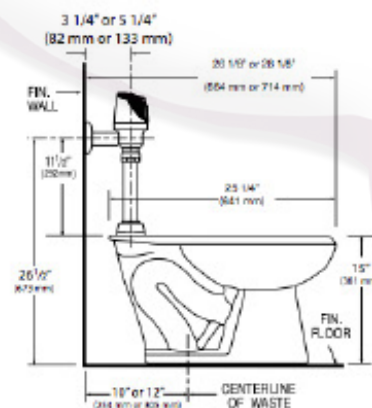
► ROUGH-IN



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 OPTIMA Plus® 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.

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



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.

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