

► **Code Number**
3780020

► SPECIFICATIONS

Description

- Exposed, Battery Powered, Sensor Activated, Sloan® Optima® SMOOTH® Water Closet Flushometer for floor mounted or wall hung top spud bowls.

Specifications

- Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer with the following features:
- Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap
- Vacuum Breaker with Flush Connection
- Spud Coupling and Spud Flange for 1½" Top Spud
- Sweat Solder Adapter with Cover Tube and Cast Wall Flange
- Low Consumption flush accuracy
- Diaphragm, Handle Packing and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine Resistance
- "Low Battery" Flashing LED
- "User in View" Flashing LED
- Optima SMOOTH Unit
- Sensor with Automatic Range Adjustment
- Mechanical Manual Override Flush Handle
- Four (4) Size C Batteries included
- 25 to 80 psi Operating Range
- ADA Compliant Metal Oscillating Non-Hold-Open Handle
- Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.
- ADA Compliant OPTIMA® SMOOTH® Battery Powered Infrared Sensor for automatic "Hands-free" operation
- Chrome Plated Infrared Sensor Housing



► FEATURES

Automatic Operation

- SMOOTH® equipped Flushometers provide the ultimate in sanitary protection and automatic operation. Once the user enters the sensor's effective range and then steps away, the SMOOTH® Unit initiates the flushing cycle to flush the fixture. State-of-the-art Technology enables override activation without "double flushing" as the user departs (sensor is locked-out for approximately 10 seconds). True manual override eliminates the need for expensive battery back-up systems.

Hygienic

- The Sloan® Optima® SMOOTH® Flushometer is the next advancement in hygiene. It uses sensor technology to transform manual installations into electronic, hands-free operation. User makes no physical contact with the Flushometer surface except to initiate the Override Handle 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.

► Compliance & Certifications



► ELECTRICAL SPECIFICATIONS

Control Circuit

- 6 VDC Input

Sensor Type

- Active Infrared with Automatic Adjustment

This space for Architect/Engineer Approval

Sensor Range

- Normal Range: 26" - 32" (660 mm-813 mm)
- Reduced Range: 20" - 26" (508 mm-660 mm)

Battery Type

- (4) C Alkaline

Battery Life

- 2 Years @ 4,000 Flushes/Month

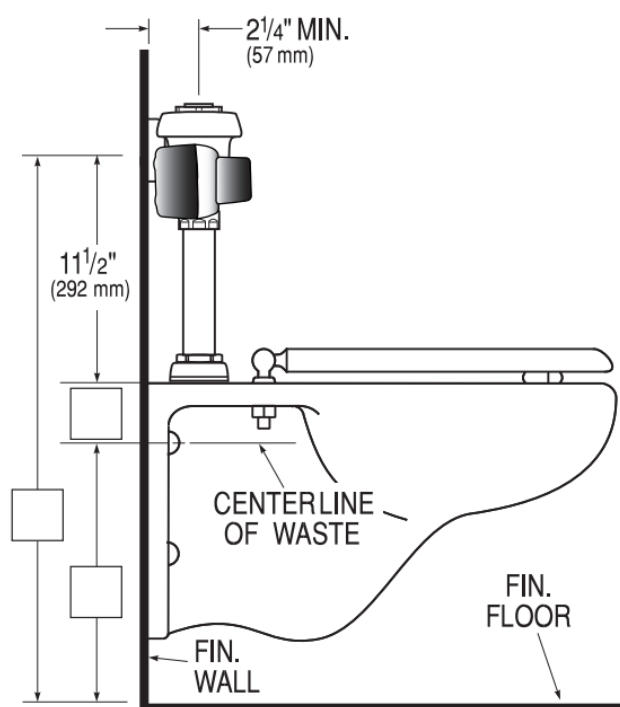
Indicator Lights

- User in View

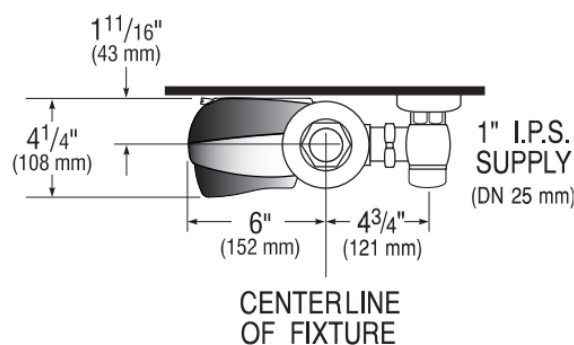
Operating Pressure

- 25-80 psi (172-552 kPa)

► ROUGH-IN



Side View



Top View

► OPERATION

1. A continuous, invisible light beam is emitted from the SMOOTH unit's Infrared Sensor.



2. When the user enters the sensor's effective range, the Red LED light in the sensor window flashes for eight seconds. After eight seconds of sensing the user, the light will stop flashing and the unit waits for the user to step away before initiating a flush cycle.



3. When the user steps away, the unit initiates a flush cycle. The unit then automatically resets and is ready for the next user.

