

► Code Number

3780330

► Description

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

► Flush Cycle

1.6 gpf/6.0Lpf

► Specifications

Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer with the following features:

Flushometer:

1" I.P.S. Screwdriver Bak-Chek™ Angle Stop

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

Non-Hold-Open Handle and No External Volume Adjustment to Ensure Water Conservation

Low Consumption flush accuracy

Optima SMOOTH Unit:

Sensor with Automatic Range Adjustment

Mechanical Manual Override Flush Handle

Four (4) Size C Batteries included

"User in View" Flashing LED

25 to 80 psi Operating Range

Adjustable Tailpiece

High Copper, Low Zinc Brass Castings for Dezincification Resistance

"Low Battery" Flashing LED

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.

High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action™

Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

ADA Compliant OPTIMA® SMOOTH® Battery Powered Infrared Sensor for automatic "Hands-free" operation

Chrome Plated Infrared Sensor Housing

► Variations

DFB - Dual-Filtered Bypass Diaphragm



► 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



This space for Architect/Engineer Approval

► ELECTRICAL SPECIFICATIONS

Control Circuit

6 VDC Input

Sensor Type

Active Infrared with Automatic Adjustment

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)

► OPERATION



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

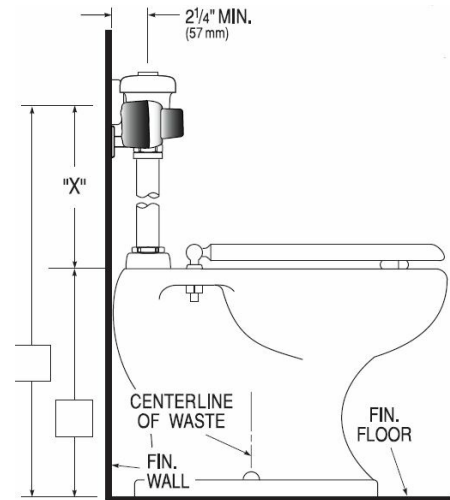


2. When the user enters the sensor's effective range, the Red LED light in the sensor window flashes for eight seconds. After eight seconds of sensing the user, the light will stop flashing and the unit waits for the user to step away before initiating a flush cycle



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

► ROUGH-IN



"X" = Model 113 — 16" (406 mm)
Model 114 — 34³/₈" (873 mm)
Model 115 — 24" (610 mm)
Model 116 — 27" (686 mm)

