

► Code Number

3120004

► Flush Cycle

Model 111-1.28 High Efficiency (1.28 gpf/4.8 Lpf)

Note: Valve may not function with all bowls. Be sure to verify flow requirements with bowl manufacturer or call Sloan Valve Company.

► SPECIFICATIONS

Description

Exposed, Sensor Activated, Crown® Optima® SMOOTH™ Water Closet Flushometer for floor mounted or wall hung top spud bowls. Valve cannot be converted to exceed a low consumption flush.

Specifications

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

- Fixed Volume Piston with Filtered O-ring Bypass
- ADA Compliant Metal Oscillating Non-Hold-Open Handle with Triple Seal Handle Packing
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Locking Vandal Resistant Stop Cap
- Spud Coupling and Flange for 1½" Top Spud
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- Ultra High Copper, Low Zinc Brass Castings for Dezincification Resistance
- Valve designed to accept Low and Ultra-Low Consumption Pistons only to ensure Water Conservation
- Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker to be molded from PERMEX™ Rubber Compound for Chloramine Resistance
- ADA Compliant OPTIMA® SMOOTH™ Infrared Sensor for automatic "Hands-free" operation
- Sensor with Automatic Range Adjustment
- Chrome Plated Metal Sensor Housing
- Four (4) Size C Batteries included
- "Low Battery" Flashing LED
- "User in View" Flashing LED
- 25 to 80 psi Operating Range
- 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, ANSI/ASME A112.19.2.



► FEATURES

Automatic Operation

Sloan 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.

Economical

Automatic operation provides water usage savings over other flushing devices. Reduces maintenance and operation costs. Installation does not require turning off water to the valve.

Hygienic

The Crown® 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.

► Compliance & Certifications



This space for Architect/Engineer Approval

► ELECTRICAL SPECIFICATIONS

Control Circuit

- 6 VDC Input

Indicator Lights

- User in View

Battery Type

- (4) C Alkaline

Battery Life

- 2 Years @ 4,000 Flushes/Month

OPTIMA Sensor Type

- Active Infrared with Automatic Adjustment

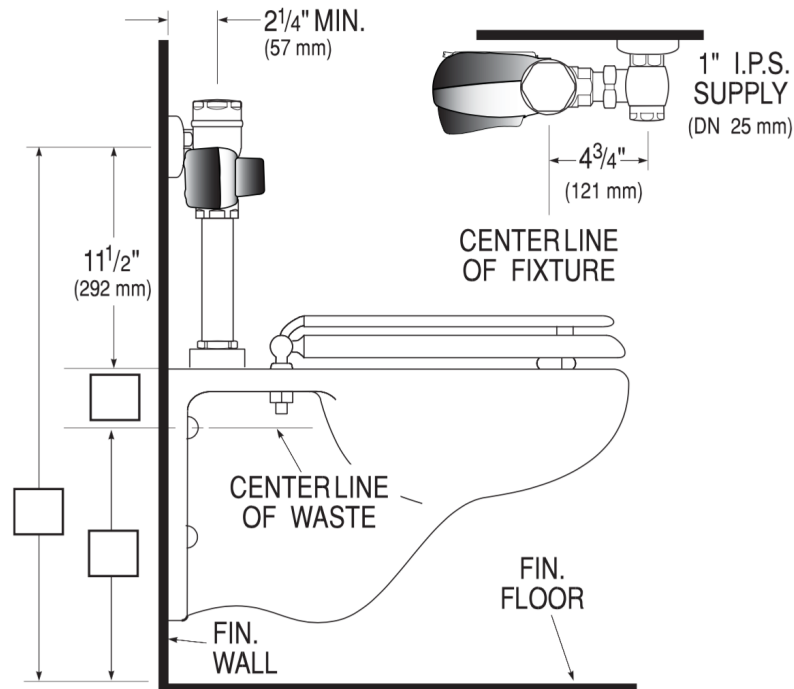
OPTIMA Sensor Range

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

Operating Pressure

- 25-80 psi (172-552 kPa)

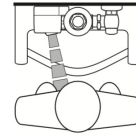
► ROUGH-IN



► 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.