

## ► Code Number

3122656

## ► Description

Exposed, Battery Powered, Sensor Activated, Crown® Optima® SMOOTH® Urinal Flushometer for ¾" top spud urinals. Valve cannot be converted to exceed a low consumption flush.

## ► Flush Cycle

0.5 gpf/1.9 Lpf

## ► Specifications

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

- ¾" I.P.S. screwdriver Bak-Chek® angle stop with free spinning, vandal resistant stop cap
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for ¾" Top Spud
- Sweat Solder Adapter with Cover Tube and Cast Set Screw Wall Flange
- 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 Molded from PERMEX® Rubber Compound for Chloramine resistance
- ADA Compliant OPTIMA® SMOOTH® Battery Powered Infrared Sensor for automatic "Hands-free" operation
- Sensor with Automatic Range Adjustment
- Mechanical Manual Override Flush Handle
- Four (4) Size C Batteries included
- "Low Battery" Flashing LED
- 25 to 80 psi Operating Range
- Vandal Resistant 1/8" Ball-Type Hex Key included
- 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.

- Fixed Volume Piston with Filtered O-ring Bypass
- Chrome Plated Infrared Sensor Housing



## ► Automatic

OPTIMA Plus® SMOOTH equipped Flushometers provide the ultimate in sanitary protection and automatic operation. There is no need for AC hookups or wall alterations. The Flushometer operates by means of a battery powered infrared sensor. Once the user enters the sensor's effective range and then steps away, the Side Mount Operator initiates the flushing cycle to flush the fixture.

## ► 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.

## ► Economical

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

## ► Compliance & Certifications



**Made In The  
USA**

This space for Architect/Engineer Approval

## ► OPERATION

SLOAN 10500 SEYMOUR AVE. • FRANKLIN PARK, • IL. 60131

Ph: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • <http://www.sloan.com>

### ► Electrical Specifications

- Control Circuit
- 6 VDC
- 8 second arming delay
- 72 hour Sentinel Flush
- OPTIMA Sensor Range
- Sensor Type

### ► Operating Pressure

25-80 psi (172-552 kPa)

### ► Indicator Lights

User in View

### ► Battery Life

2 Years @ 4,000 Flushes/Month

### ► Battery Type

(4) C Alkaline

### ► OPTIMA Sensor Range

Normal Range (recommended for Water Closets) with 2 - 3 second flush delay: 26" - 32" (660 mm - 813 mm)

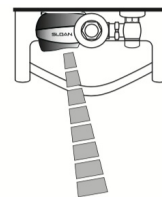
Normal Range (recommended for Water Closets) with 1 - 2 second flush delay: 26" - 32" (660 mm - 813 mm)

Reduced Range (recommended for Urinals) with 1 - 2 second flush delay: 20" - 26" (508 mm - 660 mm)

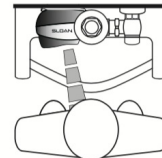
### ► OPTIMA Sensor Type

Active Infrared with Automatic Adjustment

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.

