

► Code Number

10001303

► Description

Complete system with exposed, sensor activated, Royal OPTIMA® Flushometer and vitreous china urinal fixture.

► Flush Cycle

0.125 gpf/0.5 lpf

► SPECIFICATIONS

Quiet, exposed, sensor operated diaphragm type, chrome plated Flushometer for either left or right hand supply and vitreous china urinal with the following features:

Flushometer and OPTIMA® ES-S Unit

- Non-Hold-Open Integral Solenoid Operator
- High Copper, Low Zinc Brass Castings for Dezincification Resistance
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® Rubber Compound for Chloramine Resistance
- Free Spinning Vandal Resistant Stop Cap
- Adjustable Tailpiece
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- Optima® EL-1500 self-adaptive infrared sensor with indicator light
- Chrome Plated Wall Cover Plate (for 2-gang electrical Box) with Vandal Resistant Screw
- High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for 3/4" Top Spud
- High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action™
- 3/4" I.P.S. Screwdriver Bak-chek® Angle Stop
- High Efficiency Flush accuracy

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

Fixture Specifications

- Integral flushing rim
- 100 % factory flush tested
- Wall hung vitreous china
- Washdown flushing action
- All mounting hardware included
- Carrier not included
- Vandal resistant strainer assembly included
- Compliant to the applicable sections of ASME A112.19.2/CSA B45.1
- 3/4" I.P.S. top spud inlet
- 2" NPT outlet flange

► Variations

OR - Override Button



► FEATURES

Automatic

Sloan OPTIMA® equipped Flushometers provide the ultimate in sanitary protection and automatic operation. There are no handles to trip or buttons to push. The Flushometer operates by means of an infrared sensor that adapts to its surroundings. Once the user enters the sensor's effective range and then steps away, the Flushometer Solenoid initiates the flushing cycle to flush the fixture.

Hygienic

User makes no physical contact with the Flushometer surface. Helps control the spread of infectious diseases. 24-Hour Sentinel Flush keeps fixture fresh during periods of nonuse.

Economical

Automatic operation and a low flush volume provide water savings over other flushing devices. Reduces maintenance and operation costs.

Practical

Solid state electronic circuitry assures years of dependable, trouble-free operation. The operational components of the Flushometer are identical to a handle operated Sloan® Flushometer, proven by more than 100 years of experience.

► Compliance & Certifications



► NOTE

Plumbing System Requirements

Minimum Flowing Pressure: 25 PSI / Minimum Flow Rate: 18 GPM / Maximum Fixture Static Pressure: 80 PSI

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

Solid State

8 Second Arming Delay

24 VAC Input

24 VAC Output

24 Hour Sentinel Flush

Sensor Range

Nominal 15" – 30" (381 mm – 762 mm)

Self-adaptive Window $\pm 8"$ (203 mm)

Solenoid Operator

24 VAC, 50/60 Hz

Transformer Accessories

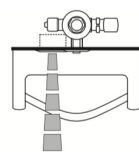
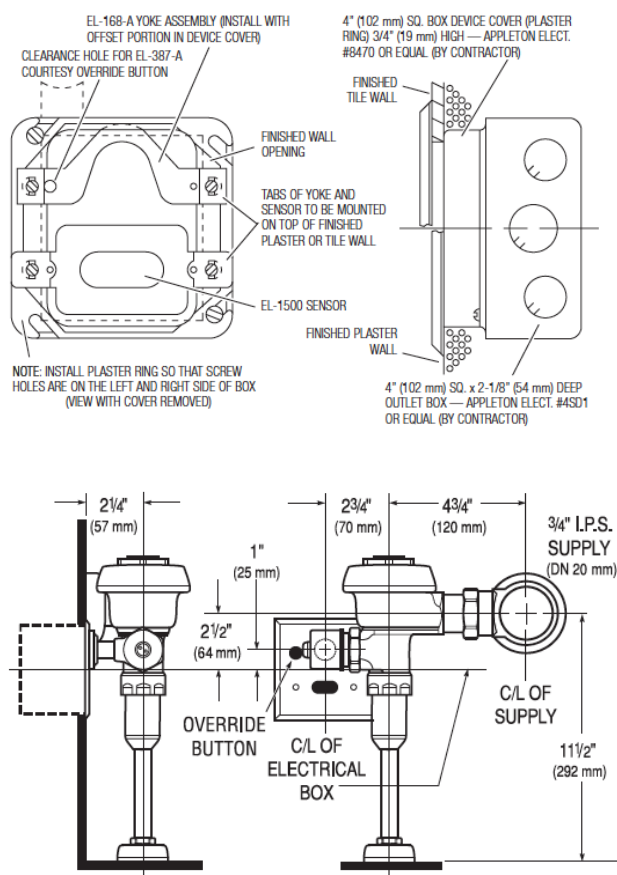
EL-154 Transformer (120 VAC/24 VAC 50 VA)

EL-342 Transformer (240 VAC/24 VAC 50 VA)

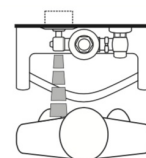
► Disclaimer

NOTE: All vitreous china dimensions shown in these drawings are nominal and not to scale. Dimensions can vary within the tolerances established in the governing ASME A112.19.2/CSA B45.1 standard. It is important to consider this when planning rough-in and plumbing layouts.

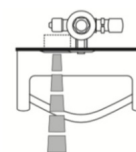
All information contained within this document subject to change without notice.



1. A continuous, invisible light beam is emitted from the OPTIMA® Sensor.



2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the OPTIMA® Scanner Window and transformed into a low voltage electrical 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.



3. When the user steps away from the OPTIMA® Sensor, the circuit immediately initiates an electrical "one-time" 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.

