# Sloan® Model OPTIMA® Sensor Activated Flushometers 197-0.125 2-10 3/4 LDIM ESS WB

## ▶ Code Number
3773226

## ▶ Description
Concealed, Sensor Activated, Sloan® Model Urinal Flushometer, enclosed behind a 13" x 17" Wall Box with Stainless Steel Access Panel, for ¾" top spud urinals.

## ▶ Flush Cycle
0.125 gpf/0.5 Lpf

## ▶ Specifications
Quiet, Concealed, Diaphragm Type, Rough Brass Urinal Flushometer with the following features:

- Chrome Plated Exposed Flushometer Parts
- Low Consumption flush accuracy
- No External Volume Adjustment to Ensure Water Conservation
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- Vacuum Breaker with Flush Connection
- Spud Coupling for ¾" Top Spud
- 13" x 17" EASY ACCESS® Wall Box with Stainless Steel Access Panel and Vandal Resistant Screws
- High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action™
- 3/4" I.P.S. Wheel Handle Bak-Chek® Angle Stop
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

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.

## ▶ Variations
WB - For installation with Sloan Easy Access® Wall Box

2-10 3/4 LDIM

## ▶ Accessories (Sold Separately)
☐ EL-154 120 VAC/24 VAC, 50/60 Hz (50 VA) - Box Mount (will operate up to 3 faucets)

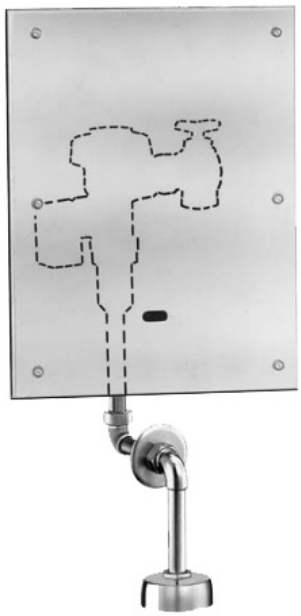
☐ Transformer (240 VAC/24 VAC, 50 VA) EL-342

See Accessories Section and OPTIMA® Accessories Section of the Sloan catalog for details on these and other OPTIMA® Flushometer variations.

## ▶ L Dimension
Specify the "L" Dimension for the proper length of the Handle Assembly and Flush Connection. The "L" Dimension is equal to the Wall Thickness (to the nearest whole inch) plus 2¾" (70 mm).

## ▶ Control Circuit
- Solid State
- 8 Second Arming Delay
- 24 VAC Input
- 24 VAC Output

## ▶ Solenoid Operator
24 VAC, 50/60 Hz



## ▶ Automatic Operation
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 surrounding. Once the user enters the sensor's effective range and then steps away, the Flushometer Solenoid initiates the flushing cycle to flush the fixture.

## ▶ Practical
Solid state electronic circuitry assures years of dependable, trouble-free operation. The operational components of the Flushometer are identical to a handle activated Sloan® Flushometer, proven by over 100 years of experience.

## ▶ Hygienic
User makes no physical contact with the Flushometer surface except to initiate the Override Button when required. Helps control the spread of infectious diseases . 24-Hour Sentinel Flush keeps fixture fresh during periods of nonuse.

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

## ▶ Compliance & Certifications

This space for Architect/Engineer Approval

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

# Sloan® Model OPTIMA® Sensor Activated Flushometers 197-0.125 2-10 3/4 LDIM ESS WB

## ▶ Transformers

Sloan Part #EL-154 120 VAC, 50/60 Hz Primary 24 VAC, 50/60 Hz Secondary Class II, UL Listed, 50 VA.

Sloan Part #EL-342 240 VAC, 50/60 Hz Primary 24 VAC, 50/60 Hz Secondary Class II, UL Listed, 50 VA.

## ▶ Sensor Range

Nominal 15"-30" (381 mm-762 mm), adjustable ± 8" (203 mm)

## ▶ Wall Box Specifications

EASY ACCESS® Wall Box Assembly — Part #EL-192-A

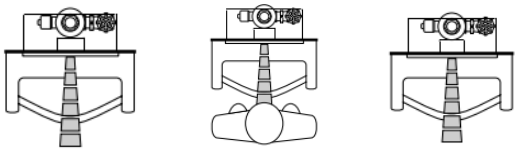
Frame: 13" x 17" x 4" (330 mm x 432 mm x 102 mm) #16 Gauge Steel

Cover (Access Panel): 14½" x 18½" (368 mm x 470 mm) #15 Gauge #304 Stainless Steel, #4 Finish

Screws: (6) #8-32 x ¾" Drilled Spanner Head — Spanner Bit Provided

## ▶ Made in the U.S.A.

## ▶ OPERATION



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.

## ▶ ELECTRICAL BOX INSTALLATION

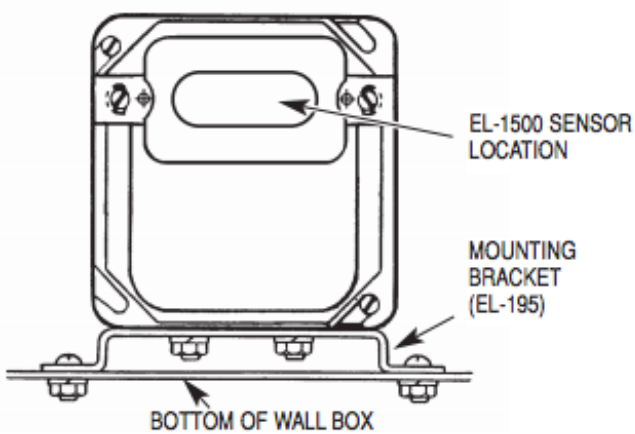
SENSOR LOCATION AND POSITIONING IS CRITICAL

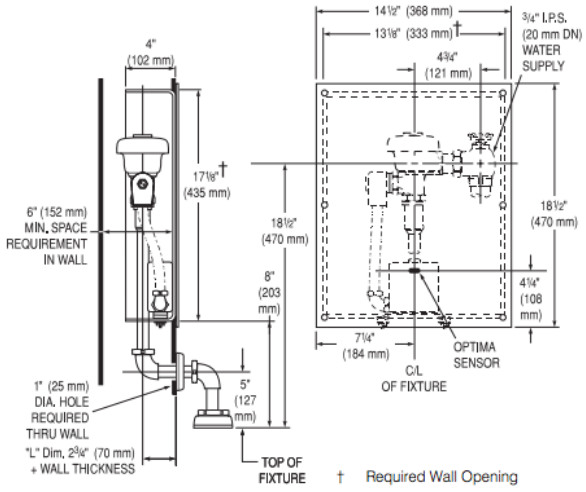
Adjust the Mounting Bracket so that the Sensor sits flush against the Cover Plate.

Refer to the instructions packaged with the Flushometer for additional installation information.

Failure to properly position the electrical boxes to the plumbing rough-in will result in improper installation and impair product performance. All tradesmen (plumbers, electricians, tile setters, etc.) involved with the installation of this product must coordinate their work to assure proper product installation. Installation Template furnished with Flushometer.

One Transformer serves up to ten (10) OPTIMA Closet/ Urinal Flushometers. Specify number of transformers required accordingly.




†† Required Wall Opening