Royal® Optima® Flushometers
ROYAL 195-0.125 ES-S TMO SWB HEU

▶ Code Number
3453281

▶ Flush Cycle
0.125 gpf/0.5 Lpf

▶ Description
Concealed, Sensor Activated Urinal Flushometer with True Mechanical Override Button, enclosed behind a 13½" x 13½" (343 mm x 343 mm) Wall Frame with Stainless Steel Access Panel, for ¾" rear spud urinals.

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

- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- User friendly three (3) second Flush Delay
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- 13 1/2" x 13 1/2" Wall Box with Stainless Steel Access Panel and Vandal Resistant Screws
- Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for ¾" Rear Spud
- Wall Box with Stainless Steel Access Panel and Vandal Resistant Screws
- Flush accuracy controlled by CID® technology

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.

- 3/4" I.P.S. Wheel Handle Bak-Chek® Angle Stop

▶ Variations
2-10 3/4 LDIM

DBP - Dual-Bypass Diaphragm

▶ 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.

▶ Fixtures
Consult factory for matching Sloan brand fixture options.

▶ ELECTRICAL SPECIFICATIONS
Control Circuit
- Solid State
- 8 Second Arming Delay

▶ 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.

▶ 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.

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

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

▶ Compliance & Certifications
Buy American Act Compliant

HEU HIGH-EFFICIENCY URINAL

UL LISTED 376U

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

- 24 VAC Input
- 24 VAC Output

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

Solenoid Operator
- 24 VAC, 50/60 Hz

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.

Wall Plate Specifications
- Sloan Wall Plate Assembly
- Cover (Access Panel): 13½" x 13½" (343 mm x 343 mm), #16 Gauge, #304 Stainless Steel, #4 Finish
- Frame: (4) #8-32 x ¾" Drilled Spanner Flat Head – Spanner Bit Provided
- Frame: 12" x 12" x 4" (305 mm x 305 mm x 102 mm), #16 Gauge

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

▶ ROUGH-IN