

► Code Number

3912750

► Description

Exposed, AC-powered, sensor-activated, high-efficiency urinal flushometer with a single flush side mount unit for 3/4" top spud urinals.

► Flush Cycle

1.0 gpf/3.8 Lpf

► Specifications

Quiet, exposed, diaphragm-type, chrome plated urinal flushometer with the following features:

- ADA Compliant AC-powered infrared side mount sensor for automatic "No Hands" operation
- Chrome Plated Infrared Sensor Housing
- Can be Mounted on either the Left or Right Side of Valve
- True Mechanical Override Flush Button
- "User in View" Flashing LED
- 72-Hour Sentinel Flush
- Infrared Sensor Range Adjustment Screw and Reset Button
- 3/4" IPS screwdriver Bak-Chek® angle stop with vandal resistant stop cap
- Spud coupling and flange for 3/4" top spud
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- 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

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.

- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection

► Accessories (specify separately)

120 VAC Input/6 VAC Output, 50/60 Hz (3 VA) Plug-In (will operate 1 unit)

120 VAC Input/6 VAC Output, 50/60 Hz (25 VA) Box Mount (will operate up to 6 units)

► Fixtures

Consult factory for matching Sloan brand fixture options.

► Control Circuit

Solid State

72 Hour Sentinel Flush

6 VAC/7.6 VDC Input

Urinal Range: 1-2 Second Arming Delay



► Smart Sense Technology™

Sloan® SFSM flushometers are equipped with Smart Sense Technology™, which applies extended range and logic techniques to provide superior sensor-activated performance.

► Automatic Operation

Sloan's SFSM flushometers are activated via multi-lobular infrared sensor. The sensor sets the flushing mechanism when the user is detected and Completes the flush when the user steps away.

► Manual Operation

Sloan's SFSM flushometers can also be activated manually by pushing the black TMO button.

► Hygienic

Touchless, sensor activation eliminates the need for user contact to help control the spread of infectious diseases. The Sloan DFSM Electronic Retrofit Units are provided with Reduced or Full Flush Override Buttons to allow a "courtesy flush" for individual user comfort. The 72-Hour Sentinel Flush keeps fixture fresh during periods of nonuse.

► Compliance & Certifications



This space for Architect/Engineer Approval

► Sensor Type

Infrared Convergence Type Object Lock Detection

► Sensor Range

Factory Set at 22" - 42" (559 mm-1067 mm)

If converted to urinal range setting: 15-30" (381-762 mm)

► Transformers

Sloan Part #EL-451 (Box Mount) 120 VAC, 50/60 Hz Primary 6 VAC, 50/60 Hz Secondary Class II, 25 VA.

Sloan Part #EL-386 (Plug-in) 120 VAC, 50/60 Hz Primary 6 VAC, 50/60 Hz Secondary Class II, 3 VA.

► Indicator Lights

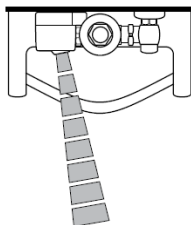
User in View

► Valve Operating Pressure (Flowing)

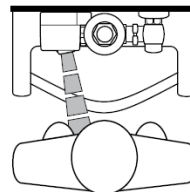
25-80 psi (172-552 kPa)

► OPERATION

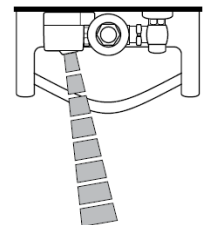
1. A continuous, invisible light beam is emitted from the object infrared sensor.



2. As the user enters the beams effective range, 22-42" (559-1067 mm), the object lock infrared sensor senses the user.

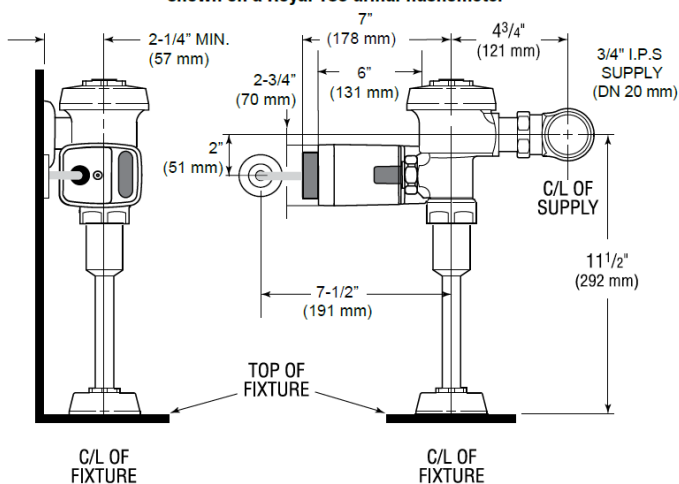


3. When the user steps away from the object lock infrared sensor, the circuit initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.

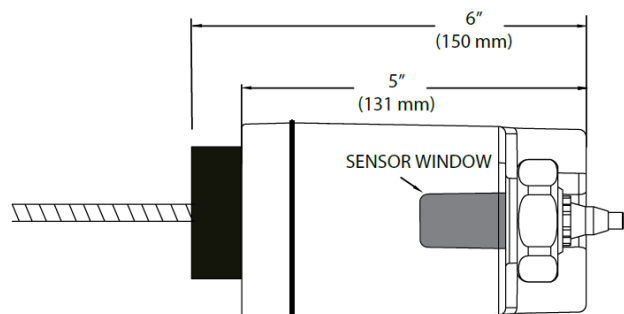


► ROUGH-IN

EL-700-A Single-Flush Side Mount Hardwired unit shown on a Royal 186 urinal flushometer



Side Mount Hardwired Unit Dimensions



► SIDE MOUNT COMPONENTS

