Sloan ECOS® Flushometers
111-1.6/1.1 PVDSF HW

▶ Code Number
3370423

▶ Description
Exposed, Hardwire, Sensor Activated Sloan ECOS® Hardwire Dual Flush Water Closet Flushometer with Smart Sense Technology™.

▶ Flush Cycle
- Full Flush (Large Button) / 1.6 gpf/6.0 Lpf Reduced Flush (Small Button) / 1.1 gpf/4.2 Lpf

▶ Specifications
- Initial Set-up Range Indicator Light (first 10 minutes)
- User friendly three (3) second Flush Delay
- Reduces water volume by up to 30% when a reduced flush occurs
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Valve Body, 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. Installation conforms to ADA requirements.
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- Line Powered with 6 VAC Step Down Transformer
- Free Spinning, Vandal Resistant Stop Cap
- Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer for either left or right hand supply (includes 9" electrical cable, right hand electrical rough-in may require 18" cable – consult factory) with the following features:
- If the user is present for less than one minute and leaves the sensing zone or chooses the small override button, a reduced flush initiates (1.1 gpf/4.2 Lpf) eliminating liquid and paper waste, saving 1/2 gallon of water
- If the user is present for greater than one minute and leaves the zone or chooses the large override button, the full flush initiates (1.6 gpf/6.0 Lpf) eliminating solid waste and paper
- ADA Compliant Sloan ECOS® Electronic Dual Flush Line Powered Infrared Sensor for automatic "No Hands" operation
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Courtesy Flush® Override Button
- Flush accuracy controlled by CID® technology
- Spud Coupling and Flange for 1 1/2" Top Spud
- PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

▶ Variations
Brushed Stainless (SF / PVD Finish)

▶ Control Circuit
- Solid State
- 8 Second Arming Delay

▶ Smart Sense Technology™
The Sloan ECOS® Hardwire Dual Flush Flushometers are equipped with Smart Sense Technology™ which applies logic techniques to significantly reduce water usage without user input. If the user is present for less than one minute a reduced flush is initiated.

▶ Automatic Operation
Sloan ECOS® Hardwire Urinal Flushometers can also be activated via multi-lobular infrared sensor. By detecting user presence and duration, the Sloan® ECOS® Smart Sense Technology™ will determine the proper flush volume for unequalled water efficiency.

▶ Manual Operation
Sloan ECOS® Hardwire Dual Flush Flushometers incorporate intuitive splitbutton design for easy manual activation. The small green button controls the reduced flush cycle (1.1 gpf/4.2 Lpf), the large button controls the full flush cycle (1.6 gpf/6.0 Lpf). Straight-forward graphics alert user to proper activation. Reduced flush for liquid waste, full flush for solid waste. To further educate the user, two (2) instructional wall plates are included with each Sloan ECOS® Flushometer.

▶ Functional & Hygienic
Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The Sloan ECOS® Electronic Flushometers are provided with Override Buttons to allow a "courtesy flush" for individual user comfort.

▶ Fixtures
Consult factory for matching Sloan brand fixture options.

▶ Compliance & Certifications
HIGH-EFFICIENCY TOILET

This space for Architect/Engineer Approval

▶ ROUGH-IN

- 3 Second Flush Delay
- 4.5 VAC Output
- 6 VAC Input

▶ Sensor Type
Active Infrared

▶ Sensor Range
Nominal 22" - 42" (559 mm - 1067 mm) Self-adaptive Window: ± 10" (254 mm)

▶ Operating Pressure
15 - 100 psi (104 - 689 kPa)

▶ Sentinel Flush
Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

▶ Patented
D598,974

▶ Indicator Lights
Range Adjustment

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

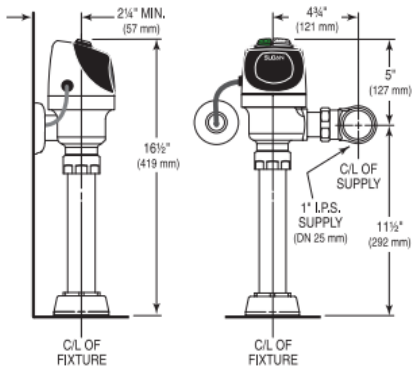
Sloan Part #EL-386 (Plug-in) 120 VAC, 50/60 Hz Primary 6 VAC, 50/60 Hz Secondary Class II, 3 VA.

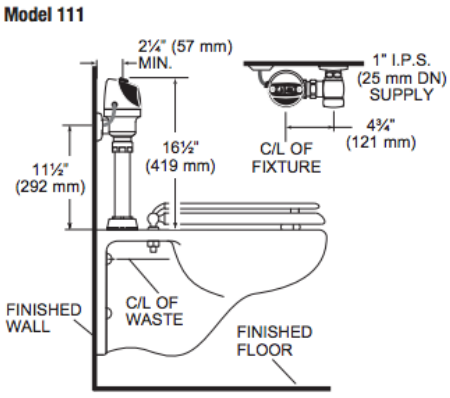
▶ OPERATION

1. A continuous, invisible light beam is emitted from the Sloan ECOS® Flush Sensor.

2. As the user enters the beam's effective range, 22 to 42 inches (559 mm to 1067 mm), the beam is reflected into the Scanner Window to activate the Output 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. If the user stays longer than 65 seconds, a full flush will automatically initiate when the user leaves.

3. Once a user is detected, if the user leaves in 65 seconds or less, a reduced flush will automatically initiate. The circuit automatically resets and is ready for the next user.

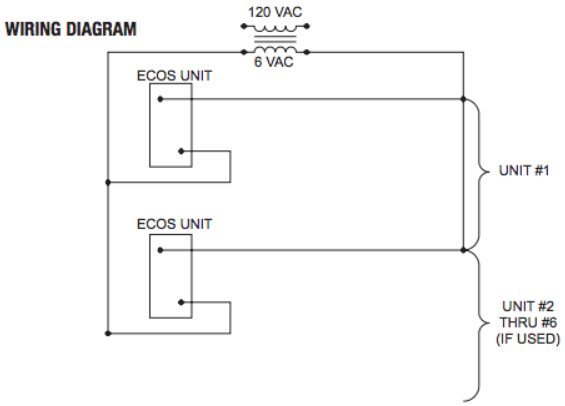




Model 111

When installing the Sloan ECOS® Hardwire Dual Flush in a handicap stall: Per the ADA Guidelines (section 604.9.4) it is recommended that the grab bars be split or shifted to the wide side of the stall.

▶ WIRING DIAGRAM
One 25 VA Transformer serves up to six Sloan ECOS® units.



Sloan ECOS® RESS-C-1.6/1.1 HW