Optima Plus® Sensor Bedpan Washers
ECOS BPW 8155 1.6/1.1 HW

▶ Code Number
3250380

▶ Description
Exposed, Hardwire, Sensor Activated Sloan ECOS® Electronic Dual Flush Bedpan Washer Model Water Closet Flushometer for floor mounted or wall hung top spud bowls. For installation where clearance is required around grab bars. Installation meets ADA height requirements.

▶ Flush Cycle
Full Flush (Large Button) / 1.6 gpf/6.0 Lpf

Reduced Flush (Small Button) / 1.1 gpf/4.2 Lpf

▶ Specifications
Quiet, Exposed, Diaphragm Type, Closet Flushometer for either left or right hand supply with the following features:

- ADA Compliant Sloan ECOS® Electronic Dual Flush Line Powered Infrared Sensor for automatic "No Hands" operation
- 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
- PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action
- Reduces water volume by up to 30% when a reduced flush occurs
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Latching Solenoid Operator
- User friendly three (3) second Flush Delay
- Infrared Sensor Range Adjustment Screw
- Initial Set-up Range Indicator Light (first 10 minutes)
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Courtesy Flush® Override Button
- Flush accuracy controlled by CID® technology
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap
- 1-1/2" Offset Flush Tube
- Spud Coupling and Flange for 1 1/2" Top Spud

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.

Bedpan Washer Diverter Assembly with the following features:

- Solid One-piece Body Construction
- Solid Brass Spray Arm
- Counter Balanced Pivot Assembly
- Diverter Valve Wall Support
- Offset Flush Connection for clearance around Grab Bar installations

▶ Patented

▶ 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.

▶ Manual Operation
Sloan ECOS® Electronic Dual Flush Flushometers incorporate intuitive Split-button design for easy manual activation. The small 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). Straightforward 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.

▶ Automatic Operation
Sloan ECOS® 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.

▶ Compliance & Certifications
HET HIGH-EFFICIENCY TOILET

Buy American Act Compliant

Made In The USA

This space for Architect/Engineer Approval

▶ OPERATION

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▶ ELECTRICAL SPECIFICATIONS

Accessories (ordered separately)
EL-386 Transformer Plug (120 VAC/6 VAC)

EL-451 Transformer Box (120 VAC/6 VAC 25VA)

Control Circuit
Solid State

8 Second Arming Delay

3 Second Flush Delay

6 VAC Input

4.5 VAC Output

Sensor Type
Active Infrared

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

Indicator Lights
Range Adjustment

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

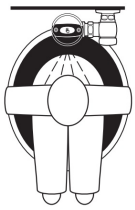
Sentinel Flush
Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

▶ Transformers
Sloan Part No. EL-451 (powers up to six ECOS® units) 120 VAC, 60 HZ Primary 6 VAC, 60 Hz Secondary Class II, 25 VAC-Box Style

Sloan Part No. EL-386 120 VAC, 60 Hz Primary 6 VAC. 60 Hz Secondary Class II, 1/2 Amp - Plug-in Style

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.

When installing the Sloan ECOS® Flushometer 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.