



**ECOS® Sensor Flushometer**

ECOS 186-0.5-CP

**Product description**

0.5 gpf, Dual-Filtered Bypass, Polished Chrome Finish, 0.75” Flush Connection, Fixture Connection Top Spud, Single Flush, 3/4” Control Stop, Electrical Override, Hardwired, Infrared, ECOS® Exposed Sensor Hardwired Urinal Flushometer.

**Compliances & Certifications**



(ADA Compliant, BAA Compliant, BABAA Compliant, BREEAM Water Credit, cUPC Green Certified, Green Globes Water, IAPMO, LEED Water, Satisfies LEED Credits, EPA WaterSense Listed)

**Code 3370441**

**Finish**

- Polished Chrome (CP)

**Downloads**

- [Sloan ECOS Single\\_Dual-Flush Flushometer & Retrofit Valve Installation Instructions.pdf](#)
- [ECOS HW Repair and Maintenance Guide.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

**Videos**

- [Sloan - Company Overview](#)

## Details

- Flush Volume: 0.5 gpf (1.9 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Hardwired
- Valve: Diaphragm
- Bypass: Dual-Filtered Bypass
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 0.75" (19mm)
- Supply Pipe: 0.75" (19mm)
- Override: Electrical
- Control Stop: 3/4"
- Flush Connection: 0.75" (19mm)

## Features

- Includes 18" electrical cable
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Courtesy Flush® Override Button
- PERMEX® Synthetic Rubber Diaphragm with twin linear filtered bypass and vortex cleansing action
- Employs an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection
- Latching Solenoid Operator
- High copper, low zinc brass castings for dezincification resistance
- Engineered Metal Cover with replaceable Lens Window
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- ADA Compliant Sloan® ECOS® Electronic Infrared Sensor for automatic "No Hands" operation
- Adjustable Tailpiece
- Line Powered with 6 VAC Step Down Transformer
- 3/4" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Initial Set-up Range Indicator Light (first 10 minutes)
- 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
- High Copper, Low Zinc Brass Castings for Dezincification

## Recommended specifications

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.

## Electrical specifications

- Arming Delay: 8 seconds
- Flush Delay: 1 seconds
- Sensor Range: 15"-30" (381 - 762mm)
- Solenoid Operator: 6 VAC
- Transformers (Specify Separately):
  - EL-386/0345095 (Up to 1 Flushometer)
  - EL-451/0345125 (Up to 6 Flushometers)

## Valve Operating Pressure (Flowing)

15-80 psi (103 - 552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

## Warranty

[View Warranty Information](#)

## Notes

All information contained within this document subject to change without notice.

Looking for other variations of the ECOS 186 product? [View the general spec sheet with all options.](#)

[Find a compatible urinal](#) for this flushometer.

[Find a compatible water closet](#) for this flushometer.

WaterSense compliant when used with a 0.5 gpf (1.9 lpf) WaterSense fixture.

