



## ECOS® SENSOR FLUSHOMETER ECOS 8186-0.5

### CODE NUMBER

3370430

### DESCRIPTION

0.5 gpf, Polished Chrome Finish, 0.75 Flush Connection, Fixture Connection Top Spud, Single Flush, 0.75" Inlet, 3/4" Control Stop, Electrical Override, Battery, Infrared, ECOS® Exposed Sensor Urinal Flushometer.

### DETAILS

- Flush Volume: 0.5 gpf (1.9 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Battery
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 1/2" (292mm)
- Spud Coupling: 3/4" (19mm)
- Supply Pipe: 3/4" (19mm)
- Override: Electrical
- Control Stop: 3/4"
- Inlet: 0.75"
- Flush Connection: 0.75

### FEATURES

- Flex Tube Diaphragm designed for improved life and reduced maintenance
- "Low Battery" Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- Synthetic rubber seals for chloramine resistance
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Engineered Metal Cover with replaceable Lens Window
- Four (4) Size AA batteries included
- Courtesy Flush® Override Button (optional)
- ADA Compliant Sloan ECOS® Battery powered Infrared Sensor for automatic "No Hands" operation
- 3/4" IPS screwdriver Bak-Chek® angle stop with vandal resistant stop cap
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass

### VIDEOS

- ▶ PVD Special Finishes



### COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, BABAA Compliant, BREEAM Materials Credit, BREEAM Water Credit, cUPC Certified, cUPC Green Certified, EPD, Green Globes Materials & Resources Credit, Green Globes Water Credit, HPD, LEED Materials & Resources EPD Credit, LEED Materials & Resources HPD Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, WaterSense Listed, WELL Building Standard)

### RECOMMENDED SPECIFICATION

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.

### BATTERY SPECIFICATIONS

Usage	4- AA Battery Service* Life			
	14.5 yrs	12 yrs	7.2 yrs	6 yrs
per month	500	1,000	3,000	4,000
per day	25	50	150	200

\* Service life varies according to actual usage & restroom conditions

Battery shelf life: Alkaline= ~10 years - Lithium= ~25 years

### ELECTRICAL SPECIFICATIONS

- Arming Delay: 8 seconds
- Flush Delay: 1s
- Self-Adaptive Window: ±8
- Sensor Range: 15" - 30" (381 - 762mm)

### VALVE OPERATING PRESSURE (FLOWING)

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

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requirements.

#### DOWNLOADS

- [Sloan ECOS Single/Dual-Flush Flushometer & Retrofit Valve Installation Instructions](#)
- [Sloan Ecos Valve \(Spanish\) Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [ECOS Repair and Maintenance Guide](#)
- [Sloan Optima Plus Flushometers Repair and Maintenance Guide](#)
- [Flushometer Pressure gauges](#)
- [Additional Downloads](#)

#### NOTES

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

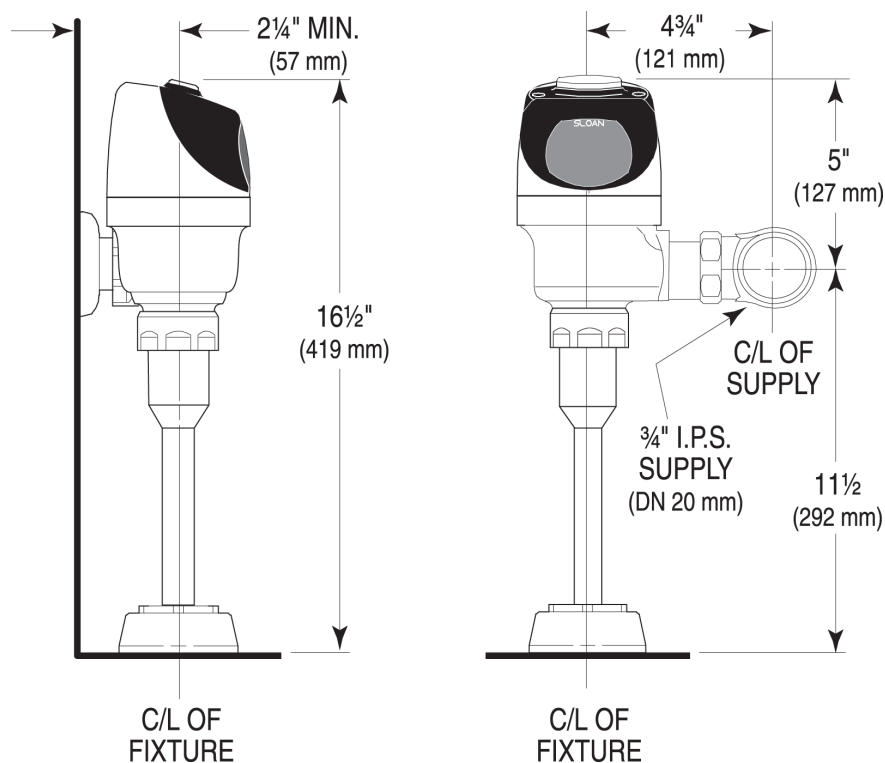
Looking for other variations of the ECOS 8186 product? [View the general spec sheet with all options.](#)

WaterSense compliant when used with a WaterSense compliant fixture

#### WARRANTY

[View Warranty Information](#)

#### ROUGH-IN



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