



ECOS® SENSOR FLUSHOMETER ECOS 8186-0.125-GR

CODE NUMBER

3370457

DESCRIPTION

0.125 gpf, Graphite 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: 0.125 gpf (0.5 Lpf)
- Finish: Graphite (GR)
- 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
- Synthetic rubber seals for chloramine resistance
- "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
- 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, Green Globes Materials & Resources Credit, Green Globes Water Credit, 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 requirements.

Sloan 10500 Seymour Ave, Franklin Park, IL 60131

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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

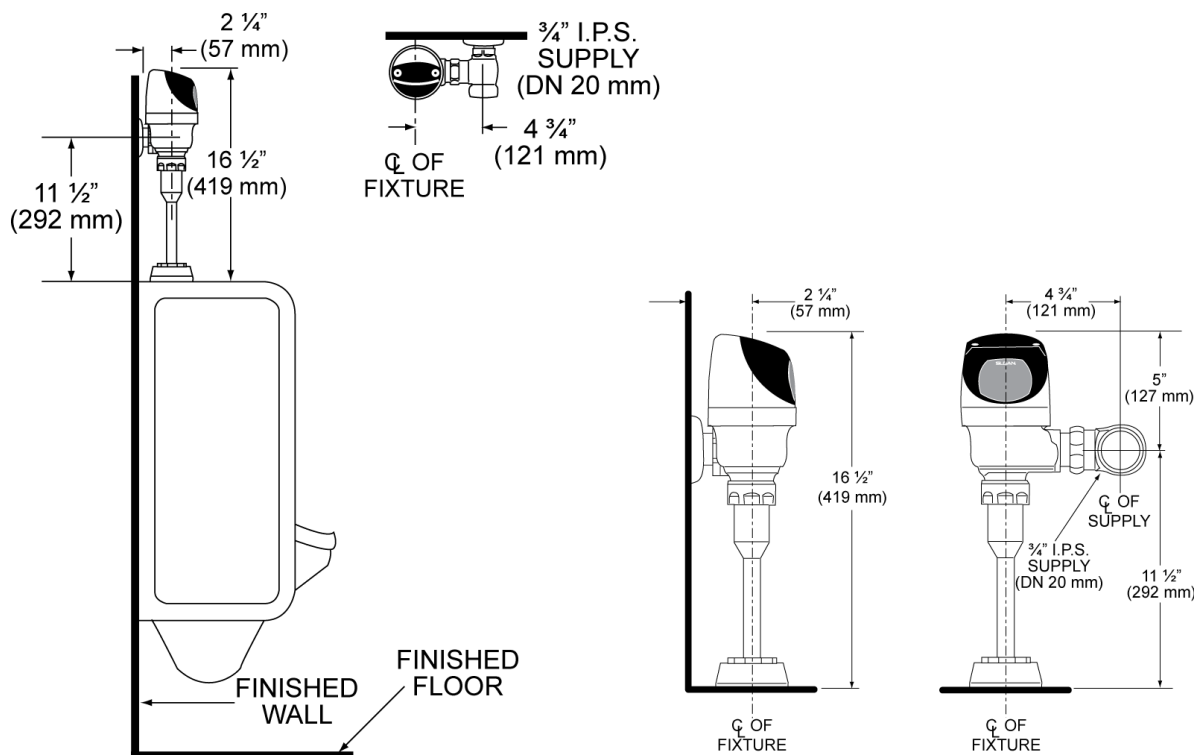
All information contained within this document subject to change without notice.

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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