



## ECOS® Sensor Flushometer

ECOS 8186-0.125-CP-CN

### Product description

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

### Compliances & Certifications



(ADA Compliant\*, BAA Compliant, BREEAM Water Credit, Carbon Neutral\*, EPD, Green Globes Water, HPD, IAPMO, LEED Water, Satisfies LEED Credits, EPA WaterSense Listed, WELL Building Standard)

### Code 3250325T

#### Finish

 Polished Chrome (CP)

#### Downloads

- [Sloan ECOS Single\\_Dual-Flush Flushometer & Retrofit Valve Installation Instructions.pdf](#)
- [Sloan Ecos Valve \(Spanish\) Installation Instructions.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Flushometer Pressure Gauges.pdf](#)
- [Special Finishes Brochure.pdf](#)
- [Additional Downloads](#)

#### Videos

- [PVD Special Finishes](#)

## Details

- Flush Volume: 0.125 gpf (0.5 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: 11.5" (292mm)
- Spud Coupling: 0.75" (19mm)
- Supply Pipe: 0.75" (19mm)
- Override: Electrical
- Control Stop: 3/4"
- Flush Connection: 0.75" (19mm)
- Special Features 1: Carbon Neutral

## Features

- Water-efficient flush volume of either .13 gpf or .25 gpf
- Automatically operates by means of an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection
- User-friendly, three-second flush delay
- High copper, low zinc brass castings for dezincification resistance
- Fixed metering bypass and no external volume adjustment to ensure water conservation
- Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass
- Valve shall be in compliance to the applicable sections of ASSE 1037

## 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)
- Self-Adaptive Window: ±8"

## Valve Operating Pressure (Flowing)

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

## 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 and restroom conditions  
Battery shelf life: Alkaline= ~10 years - Lithium= ~25 years

## Warranty

[View Warranty Information](#)

## Notes

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

\*Compliant with ADA accessibility requirements when installed according to ADA standards.

^To obtain the certificate for your carbon-neutral products, please reach out to Sloan's customer support:

[customer.service@sloan.com](mailto:customer.service@sloan.com).

WaterSense compliant when used with a 0.125 gpf (0.5 lpf) WaterSense fixture.

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

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

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

