



## ECOS® Sensor Flushometer

ECOS 8111-1.28-YO-SF-YK-CN

### Product description

1.28 gpf, Angle Stop Bumper, Brushed Stainless Finish, 1.5" Flush Connection, Fixture Connection Top Spud, Dual Flush, Carbon Neutral, 1" Inlet, 1" Control Stop, Electrical Override, Solid Ring Pipe Support, Battery, Infrared, ECOS® Exposed Sensor Water Closet Flushometer.

### Compliances & Certifications



(BAA Compliant, BABAA Compliant, Carbon Neutral^)

Code 33704057T

### Finish

 Brushed Stainless (SF)

### 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: 1.28 gpf (4.8 lpf)
- Finish: Brushed Stainless (SF)
- Power Type: Battery
- Battery Life: 6 years
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 1.5" (38mm)
- Supply Pipe: 1" (25mm)
- Override: Electrical
- Control Stop: 1"
- Flush Connection: 1.5" (38mm)
- Bumper: Angle Stop (YO)
- Pipe Support: Solid Ring (YK)
- Special Features 1: Carbon Neutral

## Features

- Deploys 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: 10 seconds
- Battery Life: 6 years
- Flush Delay: 3 seconds
- Sensor Range: 22"-42" (559 - 1067mm)

## 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.

^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).

Looking for other variations of the ECOS 8111 product? [View the general spec sheet with all options.](#)

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

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



## WHEN INSTALLING 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. If grab bars must be present over the valve, use the alternate ADA installation as shown to the right.

## ALTERNATE ADA INSTALLATION

Lower water supply rough-in to 10" (254 mm) and mount grab bar at the 36" (914 mm) maximum allowed height (top of grab bar at 36").

