



## ECOS® Sensor Flushometer

### ECOS 8111 BT DF-1.28/1.1-GR

#### Product description

1.28/1.1 gpf, Dual-Filtered Fixed Bypass Diaphragm, Graphite Finish, 1.5" Flush Connection, Fixture Connection Top Spud, Dual Flush, Electrical Override, Battery, ECOS® Exposed Sensor Water Closet Flushometer.

#### Compliances & Certifications



(ADA Compliant\*, BAA Compliant, BABAA Compliant, cUPC Green Certified, IAPMO, LEED Water, Satisfies LEED Credits)

#### Code 33704026

##### Finish



##### Connectivity



##### Downloads

-  Sloan ECOS Single\_Dual-Flush Flushometer & Retrofit Valve Installation Instructions.pdf
-  Control Stop Repair and Maintenance Guide.pdf
-  Flush Connections Flanges Repair and Maintenance Guide.pdf
-  Additional Downloads

##### Videos

-  Sloan Connect App®

## Details

- Flush Volume: 1.28/1.1 gpf (4.8 / 4.2 lpf)
- Finish: Graphite (GR)
- Power Type: Battery
- Valve: Diaphragm
- Bypass: Dual-Filtered Fixed Bypass 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
- Flush Connection: 1.5" (38mm)

## Features

- Wireless connected device for real time diagnostic and adjustable product settings
- Sloan Connect App® readily available for smart phone and tablet devices
- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Four (4) Size AA Battery Power Source
- Operates by means of an 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
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- High copper, low zinc brass castings for dezincification resistance
- 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: 16 seconds

## 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† |        |         |       |
|-----------|----------------------------|--------|---------|-------|
|           | 15.2 yrs                   | 13 yrs | 8.3 yrs | 7 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.

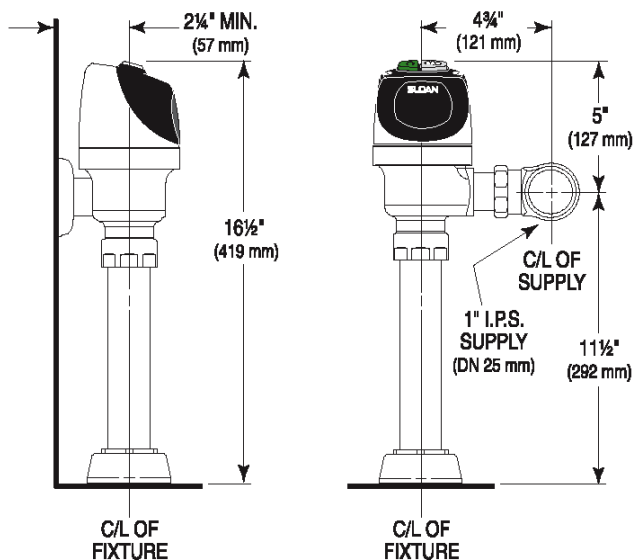
\*Compliant with ADA accessibility requirements when installed according to ADA standards.

Looking for other variations of the ECOS 8111 BT DF product?

[View the general spec sheet with all options.](#)

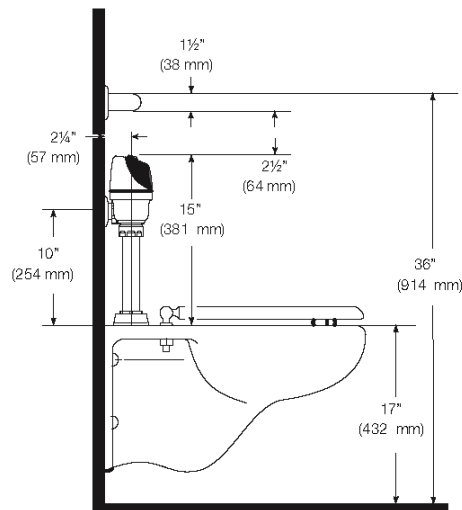
[Find a compatible urinal](#) for this flushometer.

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



## When installing the Flushometer in an ADA compliant stall:

Per ADA Guidelines (section 604.9.4) it is recommended that the grab bars be split or shifted to the wide side of the stall.



## Alternative installation:

Lower water supply rough-in to 10" (254 mm), or use an offset adapter (not supplied) to lower the overall height. The H-1018-A 1" NPT x 1-1/2" offset adapter kit (sold separately) is designed to lower a flushometer 1-1/2" when the space above the top of the flushometer conflicts with grab bar clearance. Mount the grab bar at the 36" (914 mm) maximum allowed height (top of grab bar at 36").