

**CODE NUMBER**

33704015

**DESCRIPTION**

0.25 gpf, Dual-Filtered Fixed Bypass Diaphragm, Polished Brass Finish, 0.75 Flush Connection, Fixture Connection Top Spud, Single Flush, Electrical Override, Battery, ECOS® Exposed Sensor Urinal Flushometer.

**DETAILS**

- Flush Volume: 0.25 gpf (0.9 Lpf)
- Finish: Polished Brass (PB)
- Power Type: Battery
- Valve: Diaphragm
- Bypass: Dual-Filtered Fixed Bypass Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 ½" (292mm)
- Spud Coupling: ¾" (19mm)
- Supply Pipe: ¾" (19mm)
- Override: Electrical
- Flush Connection: 0.75

**FEATURES**

- Wireless connected device for real time diagnostic and adjustable product settings
- Sloan Connect App® readily available for smart phone and tablet devices
- "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
- Courtesy Flush® Override Button
- 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

**VIDEOS**

- ▶ Sloan Connect App®
- ▶ PVD Special Finishes


**COMPLIANCES & CERTIFICATIONS**


(ADA Compliant, BAA Compliant, BABAA Compliant, cUPC Green Certified, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, UPC Certified, WaterSense Listed)

**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 |        |         |       |
|-----------|-----------------------------|--------|---------|-------|
|           | 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 & restroom conditions  
Battery shelf life: Alkaline= ~10 years - Lithium= ~25 years

**ELECTRICAL SPECIFICATIONS**

- Arming Delay: 8 seconds

**VALVE OPERATING PRESSURE (FLOWING)**

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

**DOWNLOADS**

- [Sloan ECOS Single/Dual-Flush Flushometer & Retrofit Valve Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Additional Downloads](#)

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**NOTES**

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

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

WaterSense compliant when used with a WaterSense compliant fixture

**WARRANTY**

[View Warranty Information](#)

**ROUGH-IN**

