

**CODE NUMBER**

33700002

**DESCRIPTION**

1.28 gpf, Dual-Filtered Fixed Bypass Diaphragm, Polished Chrome Finish, 1.5" Flush Connection, Fixture Connection Top Spud, Single Flush, Electrical Override, Solar, 10.5" Vacuum Breaker, SOLIS® Exposed Sensor Water Closet Flushometer.

**DETAILS**

- Flush Volume: 1.28 gpf (4.8 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Solar
- 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 ½" (292mm)
- Spud Coupling: 1 ½" (38mm)
- Supply Pipe: 1" (25mm)
- Override: Electrical
- Vacuum Breaker: 10.5"
- Flush Connection: 1.5"

**FEATURES**

- Quiet, Exposed, Sloan Solis® Single Flush, Solar Powered, Sensor Activated Closet Flushometer
- 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
- State-of-the-art photovoltaic technology delivers solar operation
- Solar Powered. The sensor assembly is powered by a solar cell that will harvest power from the artificial indoor light (incandescent, fluorescent or LED), and use it as the energy source. The solar cell can provide approximately 100% power with 650 illuminance (lux).
- Four (4) Size AA Battery Back-up Power Source
- "Low Battery" Flashing LED
- 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
- Single flush
- Sweat solder adapter with cover tube and cast wall flange with set screw
- High copper, low zinc brass castings for dezincification resistance


**COMPLIANCES & CERTIFICATIONS**


(ADA Compliant, BAA Compliant, BABAA Compliant, cUPC Green Certified, EPD, HPD, LEED V4 Water Efficiency Credit, 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			
	26 yrs	20 yrs	10.6 yrs	8.6 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: 16 seconds

**VALVE OPERATING PRESSURE (FLOWING)**

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

**DOWNLOADS**

- [Exposed Solis BT Repair and Maintenance Guide](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Exposed Solis Repair and Maintenance Guide](#)
- [Flushometer Pressure guides](#)

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- 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

- ▶ PVD Special Finishes
- ▶ Sloan Connect App®

## ROUGH-IN

- [Additional Downloads](#)

## NOTES

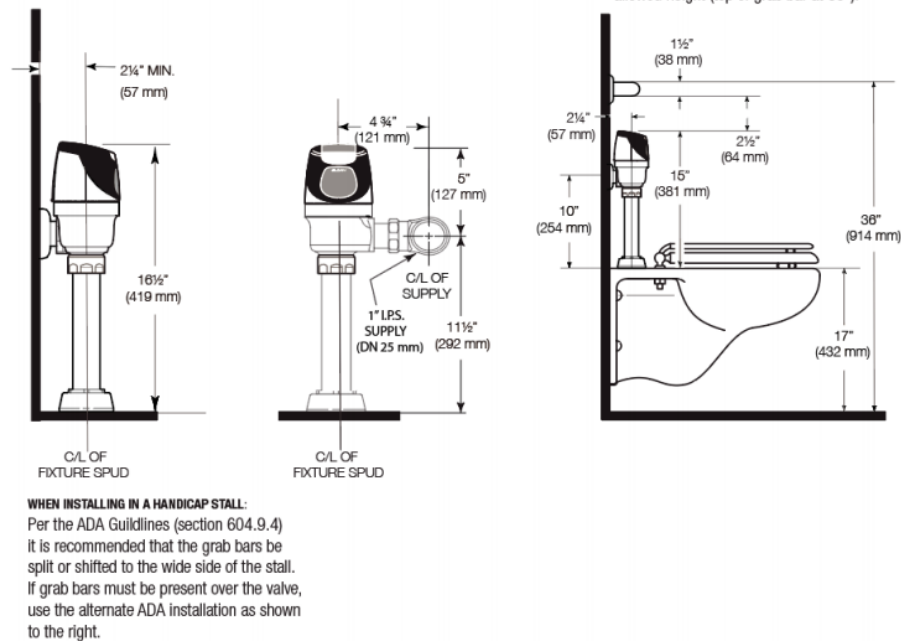
All information contained within this document subject to change without notice.

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

WaterSense compliant when used with a WaterSense compliant fixture

## WARRANTY

[View Warranty Information](#)



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