



SOLIS® Sensor Flushometer

SOLIS 8113-1.6/1.1-CP-CN

Product description

1.6/1.1 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Carbon Neutral, Electrical Override, Solar, SOLIS® Exposed Sensor Water Closet Flushometer.

Compliances & Certifications



(BAA Compliant, Carbon Neutral^)

Code 3370009T

Finish

 Polished Chrome (CP)

Downloads

- [Solis 8100 Series \(Spanish\) Installation Instructions.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

Videos

- [Sloan – Company Overview](#)

Details

- Flush Volume: 1.6/1.1 gpf (6.0 / 4.2 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Solar
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-in Dimension: 16" (406mm)
- Spud Coupling: 1.5" (38mm)
- Supply Pipe: 1" (25mm)
- Override: Electrical
- Special Features 1: Carbon Neutral

Features

- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- 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
- 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
- Override button enables manual flushing if sensor's power source fails
- High copper, low zinc brass castings for dezincification resistance
- Valve body, Cover, Tailpiece and Control Stop shall be in

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.

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†			
	24 yrs	18 yrs	9 yrs	7.2 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.

Looking for other variations of the SOLIS 8113 product? [View the general spec sheet with all options.](#)
[Find a compatible urinal](#) for this flushometer.
[Find a compatible water closet](#) for this flushometer.

