



SOLIS® Sensor Flushometer

SOLIS 8111 RW-1.1-CP-CN

Product description

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

Compliances & Certifications



(BAA Compliant, Carbon Neutral[^])

Code 33700027T

Finish

 Polished Chrome (CP)

Downloads

 [Additional Downloads](#)

Videos

 [PVD Special Finishes](#)

Details

- Flush Volume: 1.1 gpf (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: 11.5" (292mm)
- Spud Coupling: 1.5" (38mm)
- Supply Pipe: 1" (25mm)
- Override: Electrical
- Special Features 1: Carbon Neutral

Features

- 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.
- High copper, low zinc brass castings for dezincification resistance. Includes the required wall plate and a purple wall flange to let users know reclaimed water is in use.
 - State-of-the-art photovoltaic technology delivers solar operation
 - Interior components are purple to let maintenance personnel know the flushometer is designed for reclaimed water
 - User friendly three (3) second Flush Delay with “Low Battery” Flashing LED
 - PERMEX Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass designed for improved life and reduced maintenance
 - 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
 - Valve shall be in compliance to the applicable sections of ASSE 1037
 - Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass

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

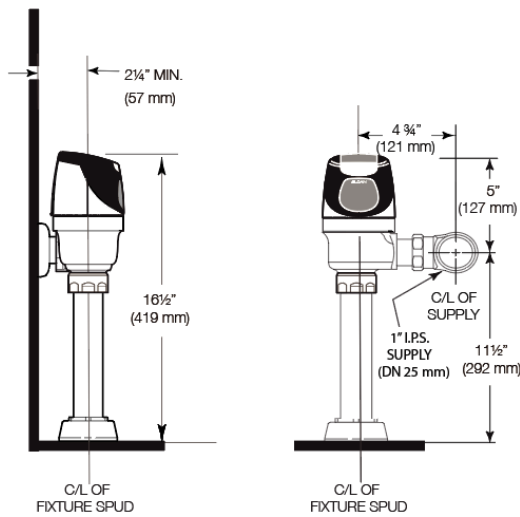
[View Warranty Information](#)

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 8111 RW 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").

