



SOLIS® Sensor Flushometer

SOLIS 8111-1.1-CP-TP-LL

Product description

1.1 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Trap Primer Outlet Tube, Electrical Override, Solar, Less Logo, SOLIS® Exposed Sensor Water Closet Flushometer.

Code 33700043

Finish

 Polished Chrome (CP)

Downloads

- [Solis 8100 Series Installation Instructions.pdf](#)
- [Solis 8100 Series \(Spanish\) Installation Instructions.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Flushometer Pressure Gauges.pdf](#)
- [Special Finishes Brochure.pdf](#)
- [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
- Outlet Tube: Trap Primer (TP)
- Special Features 1: Less Logo (LL)

Features

State-of-the-art photovoltaic technology delivers solar operation

- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- 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).
- Operates by means of an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection
- Four (4) Size AA Battery Back-up Power Source
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- High copper, low zinc brass castings for dezincification resistance
- Sweat solder adapter with cover tube and cast wall flange with set screw
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Valve shall be in compliance to the applicable sections of ASSE 1037
- Valve body, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass

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.

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

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

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

