



SOLIS® Sensor Flushometer

SOLIS 8153-1.28-BSS-SWB

Product description

1.28 gpf, Stainless Steel Finish, Single Flush, Solar, Small Wall Box Included Wall Box, SOLIS® Concealed Sensor Water Closet Flushometer.

Compliances & Certifications



(BREEAM Water Credit, Green Globes Water, IAPMO, LEED Water, Satisfies LEED Credits, cUPC Certified, EPA WaterSense Listed)

Code 3370072

Finish

 Stainless Steel (BSS)

Downloads

- [Solis 8100 Series \(Spanish\) Installation Instructions.pdf](#)
- [Solis 8152_8195 SWB Installation Instructions.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Concealed Solis Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

Videos

- [Sloan – Company Overview](#)

Details

- Flush Volume: 1.28 gpf (4.8 lpf)
- Finish: Stainless Steel (BSS)
- Power Type: Solar
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Wall Box: Small Wall Box Included (SWB)

Features

Quiet, concealed, diaphragm-type, rough brass water closet flushometer for either left or right hand supply with the following features:

- Solar-Powered – The sensor assembly is supplementally powered by a solar cell that will harvest power from 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
- Wall Plate with Stainless Steel Access Panel and Vandal Resistant Screws
- Synthetic rubber seals for chloramine resistance
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Flush Accuracy Controlled by CID Technology
- ADA Compliant SOLIS® Solar-Powered Infrared Sensor for automatic “No Hands” operation
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- User-friendly three (3) second Auto Flush Delay
- Infrared Sensor Range Adjustment Screw
- Initial Set-up Range Indicator Light (first 10 minutes)
- 1” I.P.S. Wheel Handle Bak-Chek® Angle Stop
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with One piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for 1-1/2” exposed top spud
- Sweet Solder Adapter
- High Copper, Low Zinc Brass Castings for Dezincification

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.

WaterSense compliant when used with a 1.28 gpf (4.8 lpf) WaterSense fixture.

Looking for other variations of the SOLIS 8153 product? [View the general spec sheet with all options.](#)
[Find a compatible urinal](#) for this flushometer.
[Find a compatible water closet](#) for this flushometer.

