



SOLIS® Sensor Flushometer

SOLIS 8111 TRK-SMT-1.6/1.1-CP

Product description

1.6/1.1 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Dual Flush, Electrical Override, Solar, Run-on Detector, SOLIS® Exposed Sensor Water Closet Run-on Detector Flushometer.

Compliances & Certifications



(ADA Compliant*, cUPC Certified, IAPMO)

Code 33700061

Finish

 Polished Chrome (CP)

Connectivity

IoT - SC Argus® Pro Compatible

Downloads

- [Solis 8100 Series Installation Instructions.pdf](#)
- [Sloan Track-on Run-on Detector V700AA Vacuum Breaker Tube - Flushometer Retrofit Installation Instructions.pdf](#)
- [Sloan Track-on Run-on Detector Sell Sheet.pdf](#)
- [Additional Downloads](#)

Videos

- [Sloan Track-on Run-on Detector - Flushometer or Vacuum Breaker Retrofit](#)
- [Sloan - Company Overview](#)

Details

- Flush Volume: 1.6/1.1 gpf (6 / 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: Run-on Detector

Features

Solar Powered- The sensor assembly is powered by a solar cell.

- Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- "Low Battery" Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Four (4) Size AA Battery Power Source
- Operates by means of an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection
- Engineered Metal Cover with replaceable Lens Window
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- High copper, low zinc brass castings for dezincification resistance
- 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

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.

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.

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.

*Compliant with ADA accessibility requirements when installed according to ADA standards.

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

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

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

