



SOLIS® Sensor Flushometer

SOLIS RESS-C BT-1.6-CP

Product description

1.6 gpf, Dual-Filtered Fixed Bypass Diaphragm, Polished Chrome Finish, Single Flush, Electrical Override, Solar, SOLIS® Exposed Sensor Water Closet Flushometer.

Compliances & Certifications



(ADA Compliant*, cUPC Certified, IAPMO)

Code 33753002

Finish

 Polished Chrome (CP)

Connectivity

 Bluetooth with Sloan Connect App

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](#)
-  [Tail Piece Repair and Maintenance Guide.pdf](#)
-  [Exposed Solis BT Repair and Maintenance Guide.pdf](#)
-  [Additional Downloads](#)

Videos

 [Sloan Connect App®](#)

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Details

- Flush Volume: 1.6 gpf (6.0 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Solar
- Valve: Diaphragm
- Bypass: Dual-Filtered Fixed Bypass Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Override: Electrical

Features

- Quiet, Exposed, Sloan Solis® Flushometer, Solar Powered, Sensor Activated Closet Flushometer Retrofit Conversion Kit for Royal®, Sloan® and Regal®
- Wireless connected device for real time diagnostic and adjustable product settings
- Sloan Connect App® readily available for smart phone and tablet devices
- 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).
- Four (4) Size AA Battery Back-up Power Source
- 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
- PERMEX® Synthetic Rubber Flex Tube Diaphragm with Dual filtered bypass designed for improved life and reduced maintenance
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- ADA Compliant Sloan SOLIS® Electronic Single Flush Solar Powered Infrared Sensor for automatic “No Hands” operation
- Diaphragm molded from PERMEX® Rubber Compound for Chloramine resistance
- CP Handle Cap
- Valve shall be in compliance to the applicable sections of ASSE 1037

Electrical specifications

- Arming Delay: 16 seconds
- Flush Delay: 3 seconds

Valve Operating Pressure (Flowing)

15–80 psi (103 – 552 kPa). Specific fixtures may require greater minimum flowing pressure – consult manufacturer requirements.

Warranty

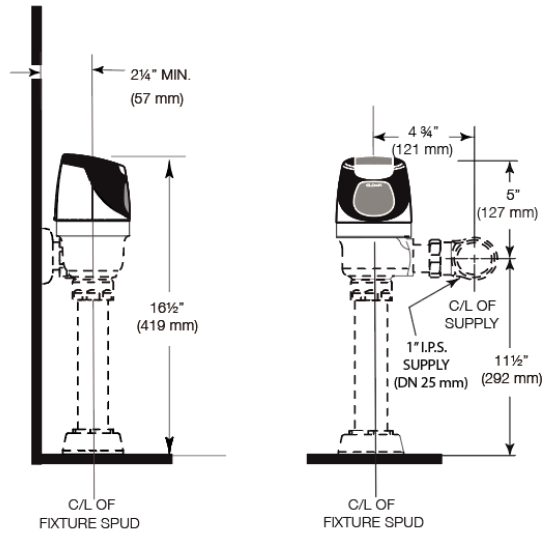
[View Warranty Information](#)

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 RESS-C BT 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").

