

CODE NUMBER

33700008

DESCRIPTION

1.0 gpf, Dual-Filtered Fixed Bypass Diaphragm, Polished Chrome Finish, 0.75 Flush Connection, Fixture Connection Top Spud, Single Flush, Electrical Override, Solar, 10.5" Vacuum Breaker, SOLIS® Exposed Sensor Urinal Flushometer.

DETAILS

- Flush Volume: 1.0 gpf (3.8 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Solar ()
- Valve: Diaphragm
- Bypass: Dual-Filtered Fixed Bypass Diaphragm (DFB)
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 ½" (292mm)
- Spud Coupling: ¾" (19mm)
- Supply Pipe: ¾" (19mm)
- Override: Electrical (OR)
- Vacuum Breaker: 10.5" ()
- Flush Connection: 0.75 ()

FEATURES

- Quiet, Exposed, Sloan Solis® Single Flush, Solar Powered, Sensor Activated Urinal Flushometer
- Wireless connected device for real time diagnostic and adjustable product settings
- Sloan Connect App® readily available for smart phone and tablet devices
- State-of-the-art photovoltaic technology delivers solar operation
- 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
- 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
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- PERMEX® Synthetic Rubber Diaphragm with Dual-Filtered Fixed Bypass
- Courtesy Flush® Override Button
- Single flush
- Sweat solder adapter with cover tube and cast wall flange with set screw
- 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



COMPLIANCES & CERTIFICATIONS



(ADA Compliant, cUPC Certified, BAA Compliant)

RECOMMENDED SPECIFICATION

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: 8 seconds

VALVE OPERATING PRESSURE (FLOWING)

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

DOWNLOADS

- [Solis 8100 Series Installation Instructions](#)
- [Solis 8100 HET Series Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Exposed Solis Repair and Maintenance Guide](#)
- [Flushometer Pressure gauges](#)
- [Additional Downloads](#)

NOTES

All information contained within this document subject to change without notice.

Looking for other variations of the SOLIS 8186 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.

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- Valve shall be in compliance to the applicable sections of ASSE 1037

VIDEOS

-  PVD Special Finishes
-  Sloan Connect App®

ROUGH-IN

