Solis® Solar Powered Flushometer & Wall Hung Closet Model WETS-2460.1200-1.28 Solis

▶ Code Number
24601200

▶ Description
Complete system with concealed, solar powered, sensor activated, Solis® Flushometer & Vitreous china wall hung fixture.

▶ Flush Cycle
1.28 gpf/4.8 Lpf

▶ Flushometer Specification
- "Low Battery" flashing LED and initial set-up range indicator light (first 10 minutes)
- Wall Plate with Stainless Steel Access Panel and Vandal Resistant Screws
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Non-Hold-Open Integral Solenoid Operator
- Infrared Sensor Range Adjustment Screw
- Initial Set-up Range Indicator Light (first 10 minutes)
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with Hex Coupling Nut and Spud Coupling for 1½" Rear Spud
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- 1" I.P.S screwdriver Bak-Chek® angle stop
- User Friendly Three (3) Second Flush Delay
- Courtesy Flush® Override Button
- ADA Compliant Solar-Powered Solis® Infrared Sensor for automatic "No Hands" operation
- Four (4) Size AA Battery back-up power source
- High copper, low zinc brass castings for dezincification resistance
- Flush accuracy controlled by CID® technology
- Infrared Sensor with Multiple-focused,Lobular Sensing fields for high and low target detection

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance to the applicable sections of ASSE 1037/ ASME A112.19.2/CSA B45.1

- Solar Powered. The sensor assembly is powered by a solar cell that will harvest power from artificial indoor light, either incandescent or fluorescent light, and use it as the energy source. The solar cell can provide approximately 100% power with 650 Illuminance (lux).
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

▶ Fixture Specification
- Elongated Bowl
- Siphon jet flushing action achieves 1000g Map score
- Water spot area 11-1/4" x 8-1/2"
- ASME A112.19.2/CSA B45.1
- Recommended seats:
- 1 1/2" I.P.S. rear spud inlet

Bemis - 1955CT/1955SSCT & 2155CT/2155SSCT Church - 295CT/295SSCT & 2155CT/2155SSCT

▶ Plumbing System Requirements
- Minimum Flow Rate: 18 GPM
- Maximum Static Pressure: 80 PSI
- Minimum Flowing Pressure: 25 PSI

▶ Notes
- All information contained in this document subject to change without written notice
- NOTE: All vitreous china dimensions shown in these drawings are nominal and not to scale. Dimensions can vary within the tolerances established in the governing ASME A112.19/CSA B45.1 standard. It is important to consider this when planning rough-in and plumbing layouts.

▶ Compliance & Certifications

This space for Architect/Engineer Approval

SLOAN 10500 SEYMOUR AVE. ● FRANKLIN PARK, ● IL. 60131
Ph: 1-800-9-VALVE-9 or 1-847-671-4300 ● Fax: 1-800-447-8329 or 1-847-671-4380 ● http://www.sloan.com

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▶ Electrical Specifications

Control Circuit

- Solid state
- Solid state 6 VDC input
- 8 second arming delay
- 3 Second Flush Delay

SOLIS® Sensor Type

- Active infrared

SOLIS® Sensor Range

- Nominal 22" - 42" (559 mm -1067 mm), Adjustable ± 8" (203 mm)

Battery Type

- (4) AA Alkaline

Battery Life

- Range Adjustment/Low Battery

Valve Operating Pressure (Flowing)

- 24 hour Sentinel Flush
- 6 Years @ 4,000 flushes/month
- 15 - 100 psi (104 - 689 kPa)

▶ Wall Plate Specifications

Wall Plate: 13-1/2" x 13-1/2" (342 mm x 342 mm)

Screws: (4) #8-32 x 3/4" Drilled Spanner Head — Spanner Bit Provided8152

Frame: 12" x 12" x 4" (305 mm x 305 mm x 102 mm), #16 Gauge

▶ OPTIMA Sensor Range

Nominal 22" – 42" (559 mm – 1067 mm)

Self-adaptive Window ± 10"(254 mm)

▶ Control Circuit

Solid State

24 VAC Input/Output

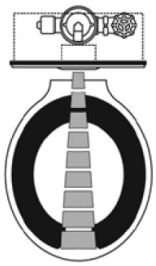
8 Second Arming Delay

3 Second Flush Delay

24 Hour Sentinel Flush

▶ OPERATION

1. A continuous, invisible light beam is emitted from the SOLIS® sensor.



2. As the user enters the beam's effective range, 22" - 42", the beam is reflected into the Scanner Window to activate the Output Circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the sensor.

3. When the user steps away from the Sensor, the circuit immediately initiates an electrical "one-time" signal that operates the solenoid. This initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.