Wall Hung Closet Combo Package WETS-2450.1201 ST-2459 & SOLIS 8111-1.28

▶ Code Number
24501201

▶ Description
Complete HET system with exposed, battery powered, sensor activated, Solis® closet flushometer and vitreous china wall hung fixture.

▶ Flush Cycle
1.28 gpf/4.8 Lpf

▶ Specifications
Quiet, exposed, diaphragm type, chrome plated closet flushometer for either left or right hand supply and vitreous china wall hung water closet with the following features:

▶ Flushometer Specification
- Quiet, diaphragm type, chrome plated closet flushometer and vitreous china water closet with the following features:
- Chrome plated Infrared Sensor Housing
- Latching Solenoid Operator
- Engineered metal cover w/ replaceable lens window
- Courtesy Flush® Override Button
- User Friendly Three (3) Second Flush Delay
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for 1-1/2" Top Spud
- Sensor with automatic range adjustment
- Initial Set-up Range Indicator Light (first 10 minutes)
- 1" IPS screwdriver Bak-Chek® angle stop with free spinning vandal resistant stop cap
- Spud coupling and flange for 1½" top spud
- ADA Compliant OPTIMA Plus® Battery Powered Infrared Sensor for automatic "No Hands" operation
- 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

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

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- 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
- Static load rating of 750 lbs (see Notes)
- 1½" IPS top spud inlet
- 2⅛" fully glazed trapway diameter
- Integral flushing rim with bed pan lugs
- Water spot area 11-1/4" x 8-1/2"
- Mounting hardware, carrier and toilet seat not included
- Recommended seats: Bemis - 1955CT/1955SSCT & 2155CT/2155SSCT Church - 295CT/295SSCT & 2155CT/2155SSCT
- Water closet shall be in compliance to the applicable sections of ASME A112.19.2/CSA B45.1
- Compliant with Buy American Act when purchased as a combination

▶ Feature
Automatic

Manual

Sloan SOLIS® Electronic Flushometers include a button design for manual use. The flush is controlled by the button.

Hygienic

User makes no physical contact with the Flushometer surface. Helps control the spread of infectious diseases. 24-hour Sentinel Flush keeps fixture fresh during periods of nonuse.

Economical

Automatic operation and a very low flush volume provides water savings over other flushing devices. Reduces maintenance and operation costs. Installation and battery replacement does not require turning off water to the valve.

Practical

Solid state electronic circuitry assures years of dependable, trouble-free operation.

Sloan OPTIMA Plus® equipped Flushometers provide the ultimate in sanitary protection and automatic operation. There is no need for AC hookups or wall alterations. The Flushometer operates by means of a battery powered infrared sensor. Once the user enters the sensor's effective range and then steps away, the Side Mount Operator initiates the flushing cycle to flush the fixture.

▶ Compliance & Certifications
CEC Compliant

GREEN UPC C ®

Buy American Act Compliant

CALGreen

WaterSense

This space for Architect/Engineer Approval

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▶ Plumbing System Requirements

Minimum Operating Pressure: 25 PSI

Maximum Fixture Operating Pressure: 80 PSI

Minimum Operating Flow Rate: 18 GPM

▶ Notes

- This model meets the requirements for a High Efficiency Toilet when used with a high efficiency flushometer (1.28 gpf/4.8 Lpf or 1.1/1.6 gpf-4.2/6.0 Lpf dual-flush).
- 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.
- Static load tested according to the procedure in Section 6.7 of ASME A112.19.2. Not recommended for bariatric use.

▶ Electrical Specifications

Control Circuit

- Solid state
- Solid state 6 VDC input
- 8 second arming delay
- 24 hour Sentinel Flush

Sensor Type

- Active infrared

Sensor Range

- Nominal 8" – 54" (203 mm – 1372 mm), factory set at 24" (610 mm)

Battery Type

- (4) AA Alkaline

Battery Life

- 6 Years @ 4,000 flushes/month

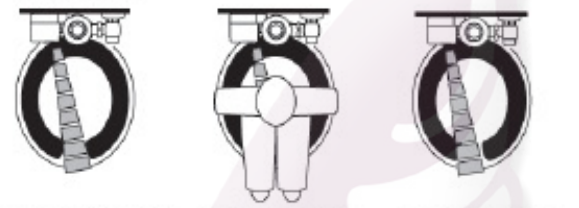
Indicator Lights

- Range adjustment

Battery Type

- (4) Size C Alkaline: Duracell® with DURALOCK Power Preserve Technology™

▶ OPERATION



1. A continuous, invisible light beam is emitted from the Object Lock Infrared Sensor.
2. As the user enters the beam's effective range, 8" to 54" (203 mm – 1372 mm), the Object Lock Infrared Sensor senses the user.
3. When the user steps away from the Object Lock Infrared Sensor, the circuit initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.