Wall Hung Closet Combo Package
WETS-2450.1401 ST-2459 & G2 8111- 1.28

▶ Code Number
24501401

▶ Description
Complete system with exposed, sensor activated, Sloan G2 Optima Plus® electronic Flushometer and HET vitreous china water closet.

▶ Flush Cycle
1.28 gpf/4.8 Lpf

▶ Fixture Specification
- Elongated Bowl
- Siphon jet flushing action achieves 1000g Map score
- 1½" IPS top spud inlet
- 2⅛" fully glazed trapway diameter
- Static load rating of 750 lbs (see Notes)
- Integral flushing rim
- 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

▶ Flushometer Specification
- Quiet, diaphragm type, chrome plated closet Flushometer and vitreous china water closet with the following features:
- ADA Compliant Sloan G2 Optima Plus® Battery Powered Infrared Sensor for automatic "No Hands" operation
- 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
- Four (4) Size AA Batteries factory installed
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- 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 Solar-Powered Solis® Infrared Sensor for automatic "No Hands" operation
- 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

▶ Plumbing System Requirements
- Minimum Operating Pressure: 25 PSI
- Maximum Fixture Operating Pressure: 80 PSI
- Minimum Flow Rate: 25 GPM

▶ Feature
Automatic
- 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.

Manual
- Sloan Optima Plus® 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.

▶ Compliance & Certifications
CEC Compliant

CALGreen

This space for Architect/Engineer Approval

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▶ Note

- 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

- Sloan Optima Plus® Sensor Type

Active infrared

- Sloan G2® 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

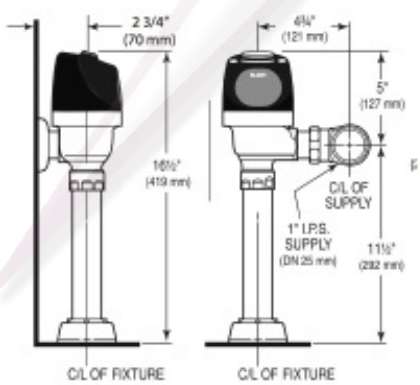
Range adjustment

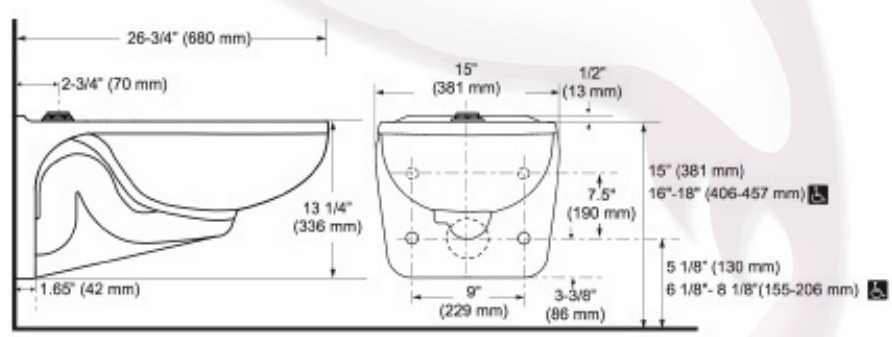
▶ OPERATION

1. A continuous, invisible light beam is emitted from the object lock infrared sensor.

2. As the user enters the beam's effective range (22" to 42") the beam is reflected into the OPTIMA Plus Scanner Window and transformed into a low voltage electrical 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. Once a user is detected, the circuit automatically resets and is ready for the next user.





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