

# Elongated Wall Hung Closet Fixture

## WETS-2450-1415 ST2459 & Sloan 111-1.28 ESS

► **Code Number**

24501415

► **Description**

Complete HET system with concealed, hardwired, sensor activated, Sloan® Flushometer and vitreous china wall hung fixture.

► **Flush Cycle**

- 1.28 gpf/4.8 Lpf

► **Flushometer Specification**

- 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:
- Non-Hold-Open Integral Solenoid Operator
- Chrome Plated Wall Cover Plate and Die Cast Wall Flange (for 2-gang Electrical Box) with Vandal Resistant Screws
- ADA Compliant Optima® Powered Infrared Sensor for automatic "No Hands" operation
- "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
- 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
- 1½" IPS top spud inlet
- 2½" fully glazed trapway diameter
- Water spot area 11-1/4" x 8-1/2"
- Mounting hardware, carrier and toilet seat not included
- Recommended seats: Bemis - 1955CT/1955SST & 2155CT/2155SST  
Church - 295CT/295SST & 2155CT/2155SST

► **Plumbing System Requirements**

- Minimum Operating Pressure: 25 PSI
- Maximum Fixture Operating Pressure: 80 PSI
- Minimum Flow Rate: 25 GPM



Automatic

Hygienic

- User makes no physical contact with the Flushometer surface. Helps control the spread of infectious diseases.

Economical

- Automatic operation provides water usage savings over other flushing devices. Reduces maintenance and operation costs.

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**



This space for Architect/Engineer Approval

### ► Electrical Specifications

#### Control Circuit

- Solid state
- 24 VAC Input/Output
- 8 second arming delay

#### Sensor Type

- Active infrared

#### Sensor Range

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

#### Indicator Lights

### ► OPERATION



1. A continuous, invisible light beam is emitted from the OPTIMA® Sensor.



2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the OPTIMA® 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. When the user steps away from the OPTIMA® 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."

