

► Code Number

10001402

► Description

Complete HEU system with exposed, battery powered, sensor activated, Sloan® OPTIMA Plus® SMO urinal Flushometer and vitreous china urinal fixture.

► Flush Cycle

Model WEUS 1000.1402-0.125 SMO (0.125 gpf/0.5 Lpf)

► SPECIFICATIONS

Specifications

Quiet, exposed, diaphragm type, chrome plated urinal flushometer for either left or right hand supply and vitreous china urinal with the following features:

Fixture Specifications

Integral flushing rim

100 % factory flush tested

Wall hung vitreous china

Washdown flushing action

All mounting hardware included

Carrier not included

Vandal resistant strainer assembly included

Compliant to the applicable sections of ASME A112.19.2/CSA B45.1

¾" I.P.S. top spud inlet

2" NPT outlet flange

Flushometer and OPTIMA Plus® SMO Unit

ADA compliant Sloan Battery powered infrared Sensor for automatic "no Hands" operation

infrared Sensor with Multiple-focused, Lobular Sensing fields for high and low target detection

Four (4) Size AA Battery power source factory installed

"Low Battery" flashing LED

"User in View" flashing LED

Infrared Sensor Range Adjustment Screw and Reset Button

Free spinning, Vandal Resistant Stop Cap

High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut

High copper, low zinc brass castings for dezincification resistance

No external volume adjustment to ensure water conservation

Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for chloramine resistance

Adjustable Tailpiece

Sweat solder adapter w/cover tube and cast wall flange w/set screw

PERMEX® Synthetic Rubber Diaphragm with Dual Bypass

¾" I.P.S. Screwdriver Bak-chek® Angle Stop

Spud coupling and Flange for ¾" Top Spud

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



► FEATURES

Automatic

Sloan® 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 Solar 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.

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.

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.

► Compliance & Certifications



ASME A112.1.3

► NOTE

Plumbing System Requirements

Minimum Flowing Pressure: 25 PSI / Minimum Flow Rate: 18 GPM /

Maximum Fixture Static Pressure: 80 PSI

Maximum Fixture Static Pressure: 80 PSI

This space for Architect/Engineer Approval

► WIRING DIAGRAM

► ELECTRICAL SPECIFICATIONS

Control Circuit

Solid state, 6 VDC input

Battery Life

6 Years @ 4,000 flushes/month

Battery Type

(4) C Alkaline

Indicator Lights

User in View

Sensor Type

Infrared Convergence Type Object Lock Detection

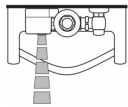
Sensor Range

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

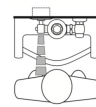
Valve Operating Pressure (Flowing)

15 – 100 psi (104 – 689 kPa)

► OPERATION

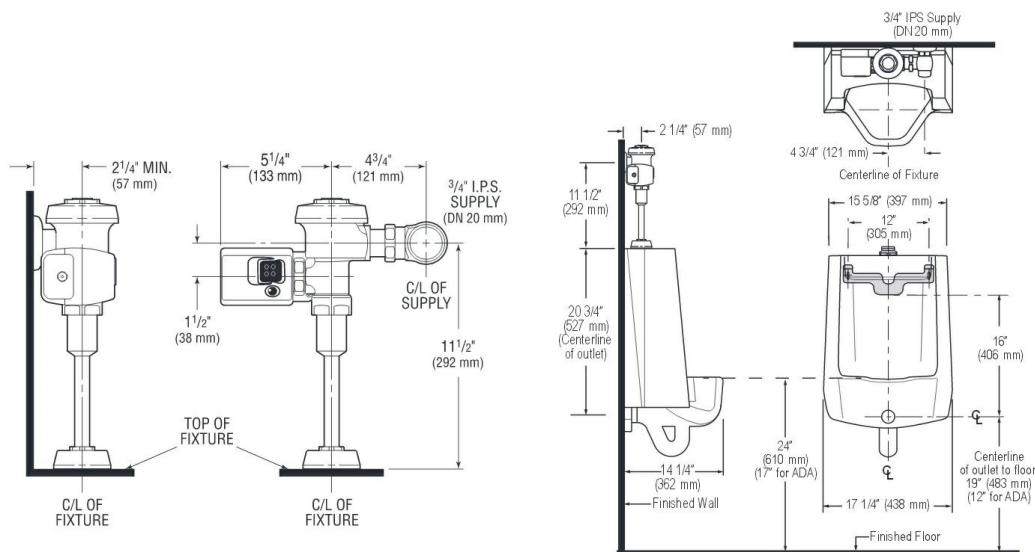
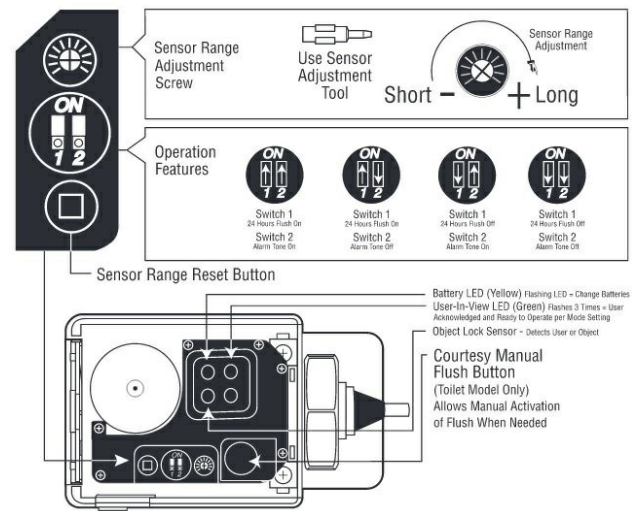


1. A continuous, invisible light beam is emitted from the object lock infrared sensor.



2. As the user enters the beam's effective range (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 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.



► Disclaimer

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 A112.19.2/CSA B45.1 standard. It is important to consider this when planning rough-in and plumbing layouts.

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

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