Standard Washdown Urinal Combination Package WEUS-1000.1420-0.125 SFSM

▶ Code Number:
10001420

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

▶ Flush Cycle
0.125 gpf/0.5 Lpf

▶ 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
- Wall hung vitreous china
- Washdown flushing action
- All mounting hardware included
- Carrier not included
- Vandal resistant strainer assembly included
- ¾" I.P.S. top spud inlet
- 2" NPT outlet flange
- 100% factory flush tested
- Complies to the applicable sections of: ANSI/ASME A112.19.2 and CSA B45.1
- 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 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

- High back pressure vacuum breaker flush connection w/one-piece bottom hex coupling nut

▶ 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 except to initiate the Override Button when required. 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

This space for Architect/Engineer Approval

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► ELECTRICAL SPECIFICATIONS

Control Circuit
Solid state, 6 VDC input

Battery Life
6 Years @ 4,000 flushes/month

Battery Type
(4) C Alkaline

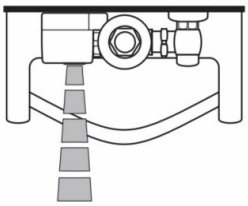
Indicator Lights
User in View

Sensor Type
Infrared Convergence Type Object Lock Detection

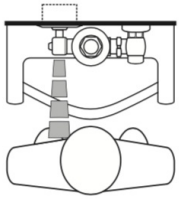
Sensor Range
Nominal 8" – 54" (203 mm – 1372 mm), Factory set at 24" (610 mm)

Valve Operating Pressure (Flowing)
15 - 100 psi (104 - 689 kPa)

► OPERATION

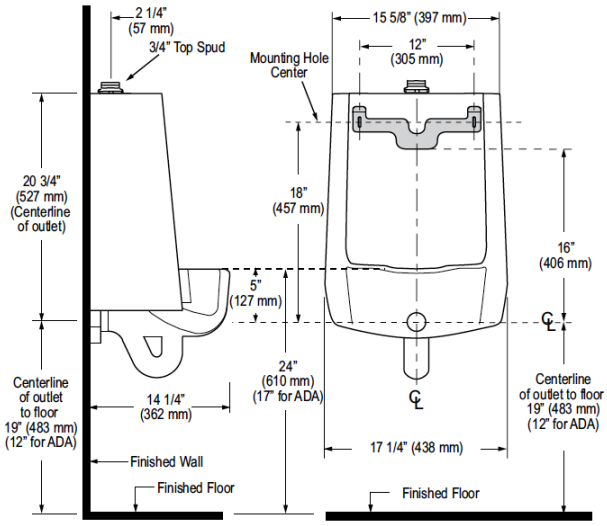


1. A continuous, invisible light beam is emitted from the object lock infrared sensor.

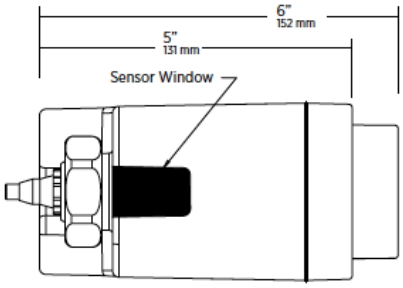


2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the OPTIMA® Scanner Window and transformed into a low voltage electrical circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the Sensor.

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.



SFSM DIMENSIONS



DIMENSIONS