

► Code Number

10001415

► Description

Complete HEU system with Battery Powered, Sensor activated Sloan® OPTIMA Plus® 8186 urinal HEU Flushometer and vitreous HEU china urinal.

► Flush Cycle

0.125 gpf/0.5 Lpf

Specifications

Quiet, exposed, chrome plated urinal Sloan® OPTIMA Plus® 8186 Flushometer for either left or right hand supply with the following features:

Flushometer Specification

- Flush accuracy controlled by CID® technology
- Latching Solenoid Operator
- Courtesy Flush® Override Button
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- Sensor with automatic range adjustment
- Initial Set-up Range Indicator Light (first 10 minutes)
- Four (4) Size AA Batteries factory installed
- Chrome plated Infrared Sensor Housing
- Engineered Metal Cover with replaceable Lens Window
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- 3/4" I.P.S. Screwdriver Bak-chek® angle Stop
- Spud coupling and flange for 3/4" top Spud
- ADA Compliant OPTIMA Plus® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Infrared Sensor with Multiple-focused, Lobular Sensing fields for high and low target detection
- 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

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

Urinal Specifications

- Wall hung vitreous china
- Washdown flushing action
- All mounting hardware included
- Integral flushing rim
- Carrier not included
- Compliant to the applicable sections of ASME A112.19.2/CSA B45.1
- Compliant with Buy American Act when purchased as a combination
- 2" NPT outlet flange
- 3/4" I.P.S. top spud inlet



► FEATURES

Automatic

Sloan® OPTIMA Plus® Flushometers activate via multilobular sensor detection to provide the ultimate in sanitary protection and automatic operation. A battery powered infrared sensor sets the flushing mechanism after the user is detected and Completes the flush when the user steps away.

Functional & Hygienic

Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The Optima Plus® Flushometer is provided with an Override Button to allow a "courtesy flush" for individual user comfort.

Economical

Sloan installed batteries speed installation and provide years of metered flushing to control the use of water and energy. Batteries can be changed without turning off the water.

► Compliance & Certifications

ASME A112.1.3

CEC Compliant



CALGreen



► 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

**Standard Washdown Urinal
Combination Package
WEUS 1000.1415-0.125 Sloan
8186**

- 100% factory flush tested

► ELECTRICAL SPECIFICATIONS

Control Circuit

Solid state, 6 VDC input

8 Second Arming Delay

24 Hour Sentinel Flush

Sensor Type

Active Infrared

Sensor Range

Adjustable $\pm 8"$ (203 mm)

Nominal 15"-30" (381 mm-762 mm), adjustable $\pm 8"$ (203 mm)

Battery Type

(4) AA Alkaline

Battery Life

6 Years @ 4,000 flushes/month

Indicator Lights

Range Adjustment

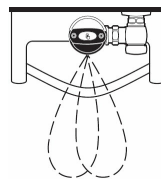
Valve Operating Pressure (Flowing)

15 - 100 psi (104 - 689 kPa)

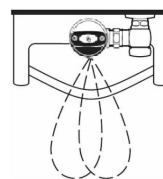
Sentinel Flush

Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

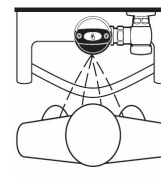
► OPERATION



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

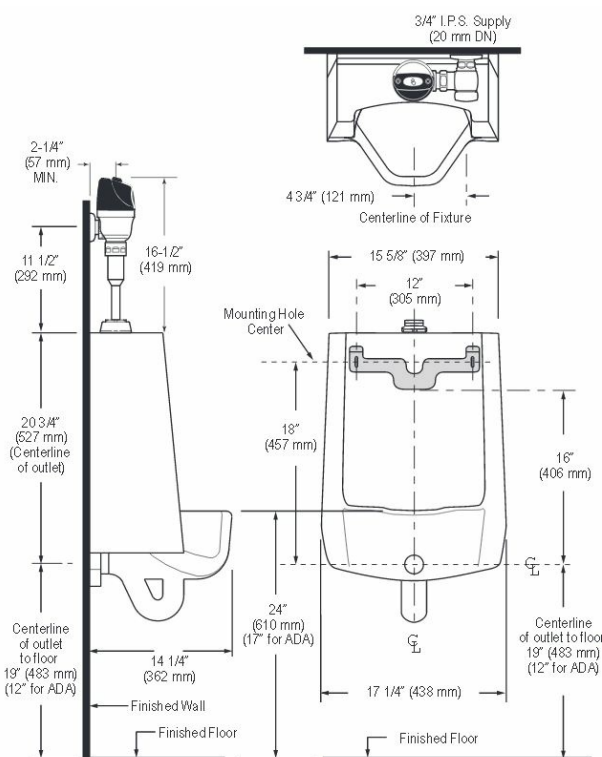


3. When the user steps away from the OPTIMA Plus® Sensor, the Sensor initiates an electrical signal that operates the Solenoid. this initiates the flushing cycle to flush the fixture. the circuit then automatically resets and is ready for the next user.



2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the 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.



► Disclaimer

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

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