Standard Washdown Urinal Combination Package
WEUS-1000.1403-0.125 SMOOTH

▶ Code Number
10001403

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

▶ Flush Cycle
0.125 gpf/0.5 Lpf

Specifications
Quiet, exposed, diaphragm type, chrome plated urinal Flushometer 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

Flushometer Specification
- Non-Hold-Open Operation
- Non-Hold-Open Handle, Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Flush accuracy controlled by CID® technology
- ¾" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Spud coupling and flange for 3/4" top Spud
- PERMEX® Synthetic Rubber Diaphragm with Dual Bypass
- 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

OPTIMA Plus® SMOOTH® Unit
- ADA compliant OPTIMA Plus® SMOOTH® battery powered infrared sensor for automatic "Hands-free" operation
- Mechanical Manual Override Flush Handle
- Four (4) size C batteries included
- "User in View" flashing LED
- 25 to 80 psi operating range
- Vandal Resistant 1/8" Ball-Type Hex Key included
- Sensor with automatic range adjustment
- Chrome plated metal sensor housing
- "Low Battery" flashing LED

Automatic
Sloan SMOOTH® 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. True mechanical manual override button enables the Flushometer to work in the event of a power failure. State-of-the-art technology enables activation of a manual override without "double flushing" occurring as the user departs (locks out sensor for approximately 10 seconds).

Hygienic
The Royal® OPTIMA® SMOOTH™ Flushometer System is the next advancement in hygiene. User makes no physical contact with the Flushometer surface except to initiate the Mechanical Manual Override Flush Handle when required. Helps control the spread of infectious diseases.

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.

▶ Note
Plumbing System Requirements

Minimum Flowing Pressure: 25 PSI / Minimum Flow Rate: 18 GPM / Maximum Fixture Static Pressure: 80 PSI

▶ Compliance & Certifications
ASME A112.1.3

CEC Compliant

This space for Architect/Engineer Approval

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► ELECTRICAL SPECIFICATIONS

Control Circuit
6 VDC input, 8 second arming delay, 72 hour Sentinel Flush

Sensor Type
Active Infrared with Automatic Adjustment

Sensor Range
Normal Range (recommended for Water Closets) with 2 – 3 second flush delay: 26" – 32" (660 mm – 813 mm)

Normal Range (recommended for Water Closets) with 1 – 2 second flush delay: 26" – 32" (660 mm – 813 mm)

Reduced Range (recommended for Urinals) with 1 – 2 second flush delay: 20" – 26" (508 mm – 660 mm)

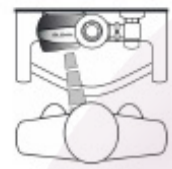
Battery Type
(4) C Alkaline

Battery Life
2 Years @ 4,000 Flushes/Month

Indicator Lights
User in View

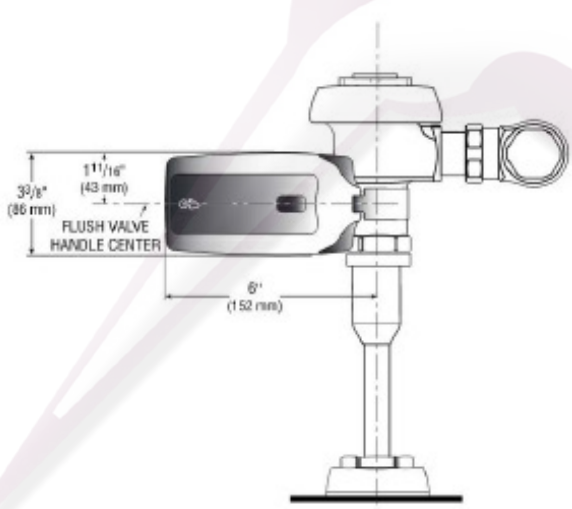
Valve Operating Pressure (Flowing)
25-80 psi (172-552 kPa)

1. A continuous, invisible light beam is emitted from the SMOOTH unit's Infrared Sensor.



2. When the user enters the sensor's effective range, the Red LED light in the sensor window flashes for eight seconds. After eight seconds of sensing the user, the light will stop flashing and the unit waits for the user to step away before initiating a flush cycle

3. When the user steps away, the unit initiates a flush cycle. The unit then automatically resets and is ready for the next user.



► Disclaimer

All information contained within this document subject to change without 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 A112.19.2/CSA B45.1 standard. It is important to consider this when planning rough-in and plumbing layouts.