

Model

WEUS 1006.1402-1.0 SMO

OPTIMA® Systems Battery Powered HEU Flushometer and Urinal

DESCRIPTION

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

Flush Cycle

Model WEUS 1006.1402-1.0 SMO (1.0 gpf/3.8 Lpf)



Meets the American Disabilities Guidelines and ANSI A117.1 requirements when installed according to these requirements.



NOTE: Plumbing System Requirements

√ Minimum **Flowing** Pressure: 25 PSI

This space for Architect/Engineer approval	
Job Name	Date
Model Specified	Quantity
Variations Specified	
Customer/Wholesaler	
Contractor	
Architect	

The information contained in this document is subject to change without notice.

SPECIFICATIONS

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

Flushometer and OPTIMA® SMO Unit

- PERMEX® Plus Synthetic Rubber Diaphragm with Dual Filter Bypass
- ADA Compliant OPTIMA® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Chrome plated Infrared Sensor Housing
- Four (4) Size C batteries included
- "Low Battery" flashing LED
- "User in View" flashing LED
- Infrared Sensor Range Adjustment Screw and Reset Button
- 3/4" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Free spinning, Vandal Resistant Stop Cap
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for 3/4" Top Spud
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- 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
- Valve Body, Tailpiece and Control Stop are in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037, ANSI/ASME A112.19.2.

Urinal

- Wall hung vitreous china
- Washdown flushing action
- 3/4" I.P.S. top spud inlet
- 2" NPT outlet flange
- All mounting hardware included
- Integral flushing rim
- 100 % factory flush tested
- Compatible with Jay R. Smith Carrier 0636 or 0637

FEATURES

ADA Compliant

Automatic

Sloan OPTIMA® SMO 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.

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.

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.

Warranty

3 year (limited)



Sloan Valve Company is buying renewable energy certificates to meet 100% of the company's purchased electricity use at its Franklin Park, Illinois facility.

SLOAN®

Sloan Valve Company
 10500 Seymour Avenue
 Franklin Park, IL 60131
 Phone: 1-800-9-VALVE-9 (982-5839)
 or 1-847-671-4300
 Fax: 1-800-447-8329 or 1-847-671-4380
 www.sloanvalve.com

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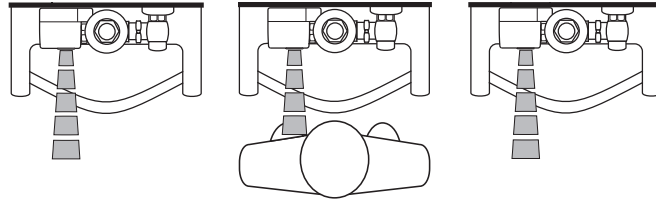
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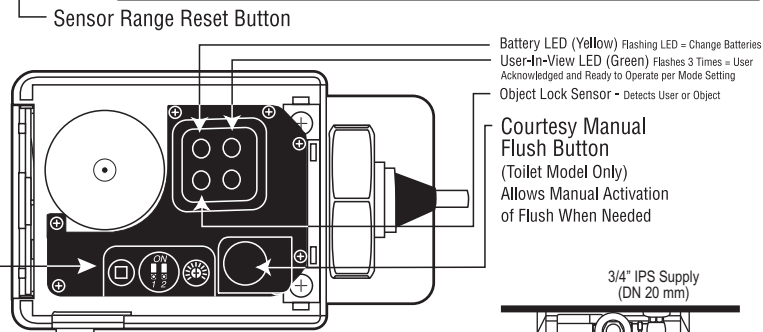
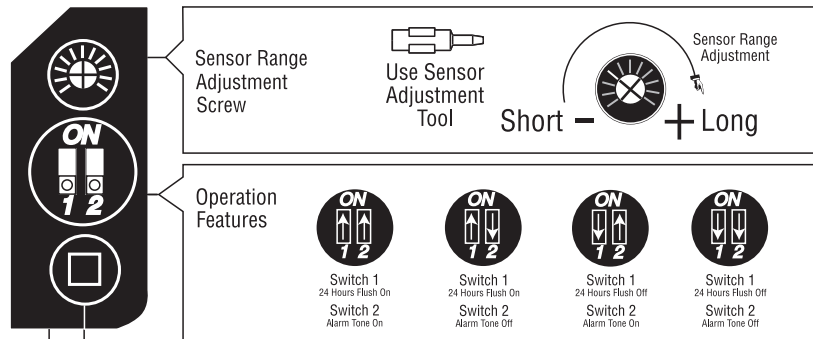
ELECTRICAL SPECIFICATIONS

- **Control Circuit**
Solid state, 6 VDC input
- **OPTIMA Sensor Type**
Infrared convergence type object lock detection
- **OPTIMA Sensor Range**
Nominal 8" – 54" (203 mm – 1372 mm), factory set at 24" (610 mm)
- **Battery Type**
(4) Size C Alkaline
- **Battery Life**
2 Years @ 3,000 flushes/month
- **Indicator Lights**
User in view/low battery
- **Operating Pressure**
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, 8" to 54" (203 mm – 1372 mm), the Object Lock Infrared Sensor senses the user.
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.



DIMENSIONS/ROUGH-IN

