Sloan Standard Urinal
WEUS-1000.1331

▶ Description
Complete system with exposed, sensor activated, Royal OPTIMA® Flushometer and vitreous china urinal fixture.

▶ Code Number:
10101331

▶ Flush Cycle
0.125 gpf/0.5 Lpf

▶ SPECIFICATIONS
Specifications
Quiet, exposed, sensor-activated, diaphragm type, chrome plated 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

Flushometer and OPTIMA® ES-S Unit
Non-Hold-Open Integral Solenoid Operator

High Copper, Low Zinc Brass Castings for Dezincification Resistance

Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation

Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® Rubber Compound for Chloramine Resistance

Free Spinning Vandal Resistant Stop Cap

Adjustable Tailpiece

Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw

Optima® EL-1500 self-adaptive infrared sensor with indicator light

Chrome Plated Wall Cover Plate (for 2-gang Electrical Box) with Vandal Resistant Screws

High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for ¾" Top Spud

High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing ActionTM

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

High Efficiency Flush accuracy

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 OPTIMA® equipped Flushometers provide the ultimate in sanitary protection and automatic operation. There are no handles to trip or buttons to push. The Flushometer operates by means of an infrared sensor that adapts to its surroundings. Once the user enters the sensor's effective range and then steps away, the Flushometer Solenoid initiates the flushing cycle to flush the fixture.

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.

Economical
Automatic operation provides energy savings. Reduces maintenance and operating costs. Designed for quick and easy installation.

Practical
Solid state electronic circuitry assures years of dependable, trouble-free operation. The operational components of the Flushometer are identical to a handle activated Sloan® Flushometer, proven by over 100 years of experience.

▶ Compliance & Certifications

▶ 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

8 Second Arming Delay

24 VAC Input

24 VAC Output

24 Hour Sentinel Flush

Sensor Range

Self-adaptive Window ± 8"(203 mm)

Nominal 15"-30" (381 mm-762 mm), adjustable ± 8" (203 mm)

Solenoid Operator

24 VAC, 50/60 Hz

Transformer Accessories

EL-154 Transformer (120 VAC/24 VAC 50 VA)

EL-342 Transformer (240 VAC/24 VAC 50 VA)

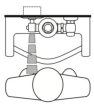
► Disclaimer

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.

► OPERATION

1. A continuous, invisible light beam is emitted from the OPTIMA® 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 OPTIMA® Sensor, the circuit immediately initiates an electrical "one-time" signal that operates the Solenoid. This initiates the flushing cycle to flush the fixture. The circuit then automatically resetsandisread yfor the next user

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VALVE ROUGH-IN