SLOAN®

► Code Number
24531402

► Description
Complete system with exposed, battery powered, sensor activated, Royal® OPTIMA Plus® SMO closet Flushometer and vitreous china wall hung fixture.

► Flush Cycle
1.6 gpf/6.0Lpf

► Flushometer Specification
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Chrome plated Infrared Sensor Housing
- "Low Battery" flashing LED and initial set-up range indicator light (first 10 minutes)
- "User in View" flashing LED
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with Hex Coupling Nut and Spud Coupling for 1½" Rear Spud
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Infrared Sensor Range Adjustment Screw and Reset Button
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for 1-1/2" Top Spud
- 1" I.P.S screwdriver Bak-Chek® angle stop
- ADA Compliant OPTIMA Plus® Battery Powered Infrared Sensor for automatic "No Hands" operation
- High copper, low zinc brass castings for dezincification 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

- Four (4) Size C Battery power source factory installed
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

► Fixture Specification
- Elongated Bowl
- Siphon jet flushing action achieves 1000g Map score
- 1-1/2" I.P.S. top spud inlet
- 2⅛" fully glazed trapway
- Water spot area 11-1/4" x 8-1/2"
- ASME A112.19.2/CSA B45.1
- Mounting hardware, carrier and toilet seat not included
- Compliant with Buy American Act when purchased as a combination

Water closet shall be in compliance to the applicable sections of ASME A112.19.2/CSA B45.1

► Recommended Seats
Bemis - 1955CT/1955SSCT & 2155CT/2155SSCT

► Automatic
OPTIMA Plus® 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 except to initiate the Override Button when required. Helps control the spread of infectious diseases.

► Economical
Automatic operation provides water usage savings over other flushing devices. Reduces maintenance and operation costs.

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

► Compliance & Certifications

This space for Architect/Engineer Approval

► OPERATION

► Control Circuit

Solid State

6 VAC Input

► OPTIMA Sensor Range

Nominal 8" – 54" (203 mm – 1372 mm), factory set at 24" (610 mm)

► Battery Life

2 Years @ 3,000 Flushes/Month

► Battery Type

(4) AA Alkaline

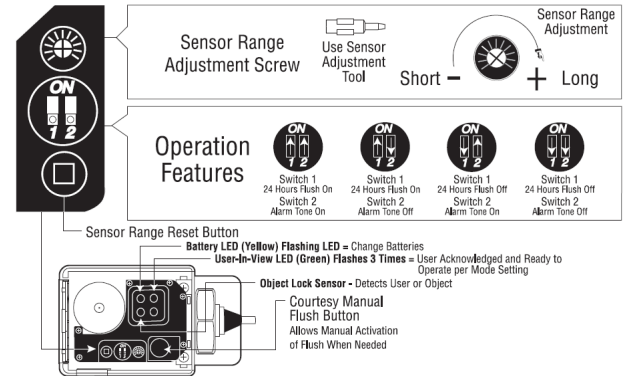## ► Valve Operating Pressure (Flowing)

15 - 100 psi (104 - 689 kPa)

► Indicator Lights

User in View/Low Battery

► FUNCTION SETTINGS

► ROUGH-IN