

### ► Code Number

70001402

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

### Fixture Specifications

- Integral flushing rim
- Compliant with Buy American Act when purchased as a combination
- 100% factory flush tested
- Wall hung vitreous china
- Washdown flushing action
- All mounting hardware included
- Carrier not included
- Vandal resistant strainer assembly included
- 3/4" I.P.S. top spud inlet
- 2" NPT outlet flange
- Complies to the applicable sections of: ANSI/ASME A112.19.2 and CSA B45.1

### Flushometer and OPTIMA Plus® SMO Unit

- ADA compliant Sloan Battery powered infrared Sensor for automatic "no Hands" operation
- Infrared Sensor with Multiple-focused, Lobular Sensing fields for high and low target detection
- Four (4) Size AA Battery power source factory installed
- "Low Battery" flashing LED
- "User in View" flashing LED
- Infrared Sensor Range Adjustment Screw and Reset Button
- High copper, low zinc brass castings for dezincification resistance
- No external volume adjustment to ensure water conservation
- Adjustable Tailpiece
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 3/4" IPS screwdriver Bak-Chek® angle stop with free spinning, vandal resistant stop cap
- High back pressure vacuum breaker flush connection w/one-piece bottom hex coupling nut
- Sweat solder adapter w/cover tube and cast wall flange w/set screw
- Spud coupling and Flange for 3/4" Top Spud
- 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
- Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for chloramine resistance



### ► FEATURES

#### 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.

### ► Compliance & Certifications



ASME A112.1.3



### ► 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

### ► ELECTRICAL SPECIFICATIONS

#### Control Circuit

Solid state, 6 VDC input

#### Sensor Type

Infrared Convergence Type Object Lock Detection

#### Sensor Range

Adjustable  $\pm 8"$  (203 mm)

Nominal 22" - 42" (559 mm - 1067 mm) Self-adaptive Window:  $\pm 10"$  (254 mm)

#### Battery Type

(4) C Alkaline

#### Battery Life

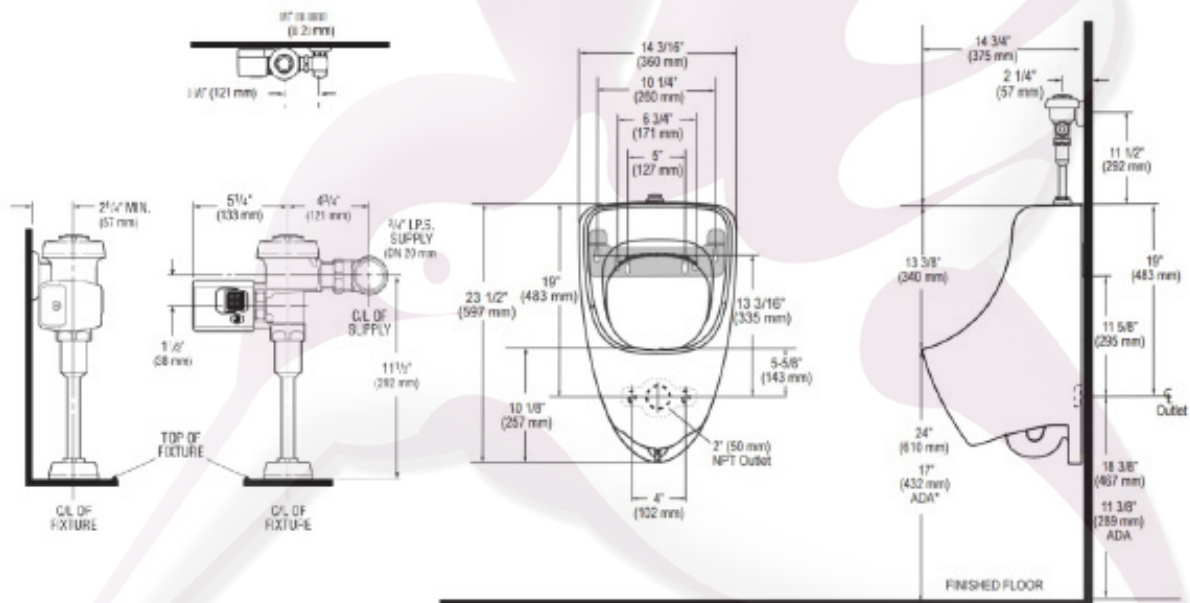
6 Years @ 4,000 flushes/month

#### Indicator Lights

User in View

#### Valve Operating Pressure (Flowing)

15 - 100 psi (104 - 689 kPa)



### ► 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.