

► Code Number

10101311

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.

Complete HEU system with concealed, Royal® urinal flushometer and vitreous china urinal fixture.

► Flush Cycle

0.125 gpf/0.5 Lpf

► SPECIFICATIONS

Specifications

Quiet, concealed, sensor operated diaphragm type, rough brass urinal Flushometer and vitreous china urinal with the following features:

Flushometer Specification

- ¾" I.P.S. Wheel Handle Bak-Chek® Angle Stop
- High Back Pressure Vacuum Breaker
- Spud Coupling for ¾" Concealed Rear Spud Urinal
- Elbow Flush Connection
- Exposed Parts Chrome Plated
- Die cast Sensor cover Plate with no visible Fasteners (for 2-gang Electrical Box)
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- Flush accuracy controlled by CID® technology
- Infrared Sensor with Multiple-focused, Lobular Sensing fields for high and low target detection

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

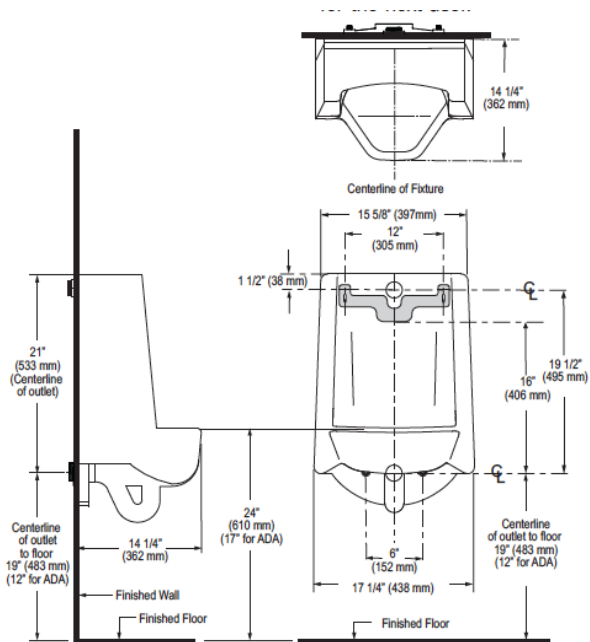
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

Fixture Specifications

- 100% factory flush tested
- All mounting hardware included
- Carrier not included
- Vandal resistant strainer assembly included
- Wall mounted Vitreous china
- Washdown flushing action and Integral flushing rim
- ¾" I.P.S. top spud inlet

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



This space for Architect/Engineer Approval

► Transformer Accessories

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

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

► Solenoid Operator

24 VAC, 50/60 Hz

► OPTIMA Sensor Range

Nominal 15" – 30" (381 mm – 762 mm) Self-adaptive Window ± 8" (203 mm)

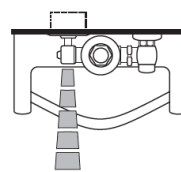
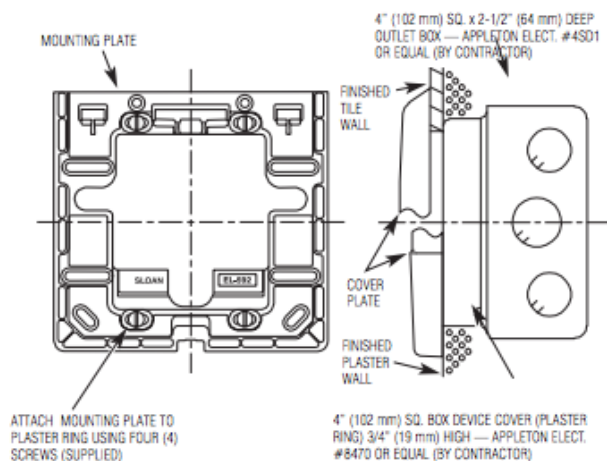
► Electrical Specifications

24 VAC Input/Output

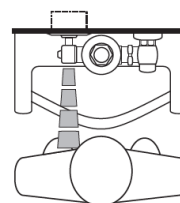
8 second arming delay

24 hour Sentinel Flush

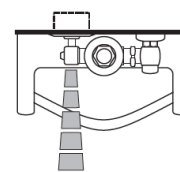
► ELECTRICAL BOX INSTALLATION



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 resets and is ready for the next user.

DIMENSIONS/ROUGH-IN

