

► Code Number

10101313

► Description

Complete HEU System with Concealed, Sensor Activated Royal® Flushometer and Vitreous China Rear Spud Urinal.

► Flush Cycle

0.125 gpf/0.5 Lpf

Flushometer Specification

Concealed, Sensor Activated Urinal Flushometer with True Mechanical Override Button, enclosed behind a 13½" x 13½" (343 mm x 343 mm) Wall Frame with Stainless Steel Access Panel, for ¾" rear spud urinals.

- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- ¾" I.P.S. Wheel Handle Bak-Chek® Angle Stop
- High Back Pressure Vacuum Breaker
- Spud Coupling for 3/4" Concealed Rear Spud Urinal
- Elbow Flush Connection
- Wall Box with Stainless Steel Access Panel and Vandal Resistant Screws
- Adjustable Tailpiece
- High copper, low zinc brass castings for dezincification resistance
- Flush accuracy controlled by CID® technology
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- 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

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

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

Colors/Finishes

- White

► Plumbing System Requirements

- Maximum Static Pressure: 80 PSI
- Minimum Flowing Pressure: 25 PSI

Minimum Flow Rate: 18 GPM



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.

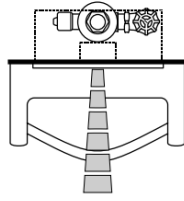
► Compliance & Certifications



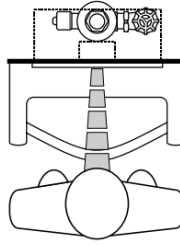
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► OPERATION

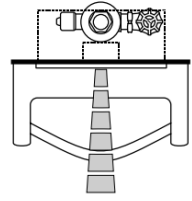
1. A continuous, invisible light beam is emitted from the OPTIMA Sensor.



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 resets and is ready for the next user.



► Wall Plate Specifications

Frame: 12" x 12" x 4" (305 mm x 305 mm x 102 mm), #16 Gauge

Cover (Access Panel): 13½" x 13½" (343 mm x 343 mm), #16 Gauge, #304 Stainless Steel, #4 Finish

Frame: (4) #8-32 x ¾" Drilled Spanner Flat Head – Spanner Bit Provided

► 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

► Sensor Range

Self-adaptive Window ± 8" (203 mm)

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

► Control Circuit

Solid State

24 VAC Input/Output

8 Second Arming Delay

24 Hour Sentinel Flush

