CODE NUMBER

3453222

DESCRIPTION

0.5 gpf, Rough Brass Finish, Top Spud, Single Flush, 2-10.75 L Dimension, Hardwired, Sensor-Operated, Royal® Concealed Sensor Hardwired Urinal Flushometer.

DETAILS

- Flush Volume: 0.5 gpf (1.9 Lpf)
- Finish: Rough Brass (RB)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-In Dimension: 13 ½" (343mm)
- Spud Coupling: ¾" (19mm)
- Supply Pipe: ¾" (19mm)
- L Dimension: 2"–10 ¾" (51–273mm) (2-10-3/4-LDIM)

FEATURES

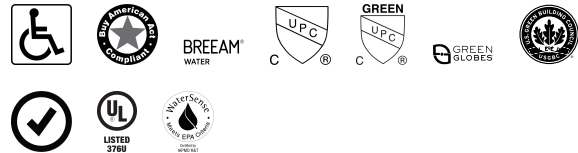Quiet, Concealed, Diaphragm Type, Rough Brass Urinal

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Courtesy FlushTM Non-Hold-Open True Mechanical Override
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine Resistance
- High Back Pressure Vacuum Breaker Flush Connection, Spud Coupling and Flanges for ¾" Exposed Top Spud
- 3/4" I.P.S. Wheel Handle Bak-Chek® Angle Stop

VIDEOS

▶ ESS Flushometer

COMPLIANCES & CERTIFICATIONS

(ADA Compliant, BAA Compliant, BREEAM Water Credit, cUPC Certified, cUPC Green Certified, Green Globes Water Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, UL Certified, WaterSense Listed)

RECOMMENDED SPECIFICATION

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi- Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

ELECTRICAL SPECIFICATIONS

- Arming Delay: 8 seconds
- Control Circuit: Solid State/24 VAC Input/24 VAC Output
- Self-Adaptive Window: ±8
- Sensor Range: 15"–30" (381–762mm)
- Solenoid Operator: 24 VAC
- Transformers:
  - 0345154
  - 0345999

VALVE OPERATING PRESSURE (FLOWING)

15–80 PSI (103–552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

DOWNLOADS

- Sloan Concealed Installation Instructions
- Control Stop Repair and Maintenance Guide
- Flush Connections Flanges Repair and Maintenance Guide
- Tail Piece Repair and Maintenance Guide
- Optima ESS Repair and Maintenance Guide
- Additional Downloads

NOTES

All information contained within this document subject to change without notice.

Looking for other variations of the ROYAL 197 ESS product? View the general spec sheet with all options.

Find a compatible urinal for this flushometer.
Find a compatible water closet for this flushometer.

WaterSense compliant when used with a WaterSense compliant fixture

ROUGH-IN