

CODE NUMBER

3453223

DESCRIPTION

1.5 gpf, Rough Brass Finish, Top Spud, Single Flush, 2-10.75 L Dimension, Hardwired, Sensor-Operated, Standard (not included, order separately) Wall Box, Royal® Concealed Sensor Hardwired Urinal Flushometer.

DETAILS

- Flush Volume: 1.5 gpf (5.7 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 ¹/₂" (343mm)
- Spud Coupling: ³/₄" (19mm)
- Supply Pipe: 3/4" (19mm)
- L Dimension: 2"-10 ³/₄" (51-273mm) (2-10-3/4-LDIM)
- Wall Box: Standard (not included, order separately)

FEATURES

Quiet, Concealed, Diaphragm Type, Rough Brass Urinal

- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- PERMEX® Synthetic Rubber Diaphragm with Dual Linear Filtered Bypass
- High Back Pressure Vacuum Breaker Flush Connection, Spud Coupling and Flanges for 3/4" Exposed Top Spud
- 13" x 17" EASY ACCESS® Wall Box with Stainless Steel Access Panel and Vandal Resistant Screws
- 3/4" I.P.S. Wheel Handle Bak-Chek® Angle Stop

VIDEOS

ESS Flushometer



COMPLIANCES & CERTIFICATIONS



(UL Certified, ADA Compliant, cUPC Certified, BAA Compliant)

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:
 - o 0345154
 - o 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.

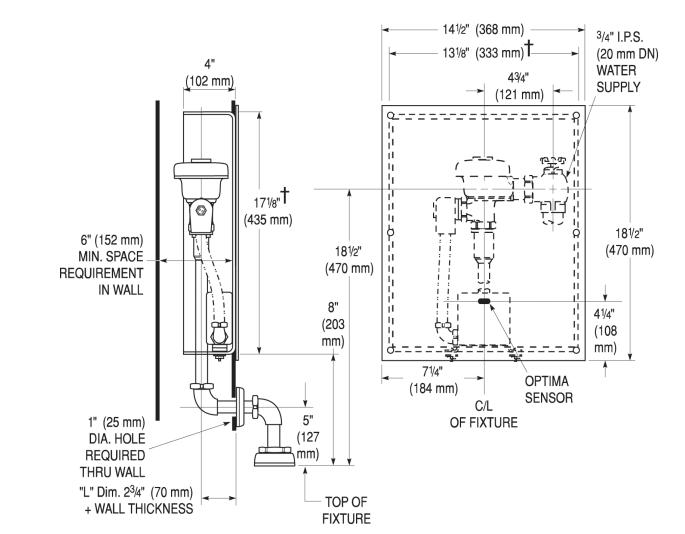
Looking for other variations of the ROYAL 197 ESS product? View the general spec sheet with all options.

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ROUGH-IN

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



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