

CODE NUMBER

3453021

DESCRIPTION

1.5 gpf, Rough Brass Finish, 1.25" Flush Connection, Fixture Connection Top Spud, Single Flush, 2-10.75 L Dimension, Less Override, Hardwired, Sensor-Operated, 24V, Royal® Concealed Sensor Hardwired Urinal Flushometer.

DETAILS

- Flush Volume: 1.5 gpf (5.7 Lpf)
- Finish: Rough Brass
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-In Dimension: 14 ½" (368mm)
- Spud Coupling: 1 ¼" (32mm)
- Supply Pipe: 1" (25mm)
- L Dimension: 2"-10 ¾" (51-273mm)
- Override: Less (L/OR)
- Flush Connection: 1.25" (U)
- Voltage: 24V

FEATURES

- Quiet, Concealed, Diaphragm Type, Rough Brass Urinal Flushometer with the following features:
 - PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
 - Chrome Plated Exposed Flushometer Parts
 - 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
 - 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 1¼" Exposed Top Spud
 - 1" I.P.S. Wheel Handle Bak-Chek® Angle Stop
 - Flush accuracy controlled by CID® technology
 - 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.
- Ultra High Copper, Low Zinc Brass Castings for Dezincification Resistance



COMPLIANCES & CERTIFICATIONS



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

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
- Flush Delay: 1s
- Self-Adaptive Window: ±8
- Sensor Range: 15"-30" (381-762mm)
- Solenoid Operator: 24 VAC
- Transformers (specify separately):
 - 0345154
 - 0345999

VALVE OPERATING PRESSURE (FLOWING)

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

DOWNLOADS

- [Royal ESS Concealed and Exposed Installation Instructions](#)
- [Royal ESS Concealed with Wall Box 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.

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VIDEOS

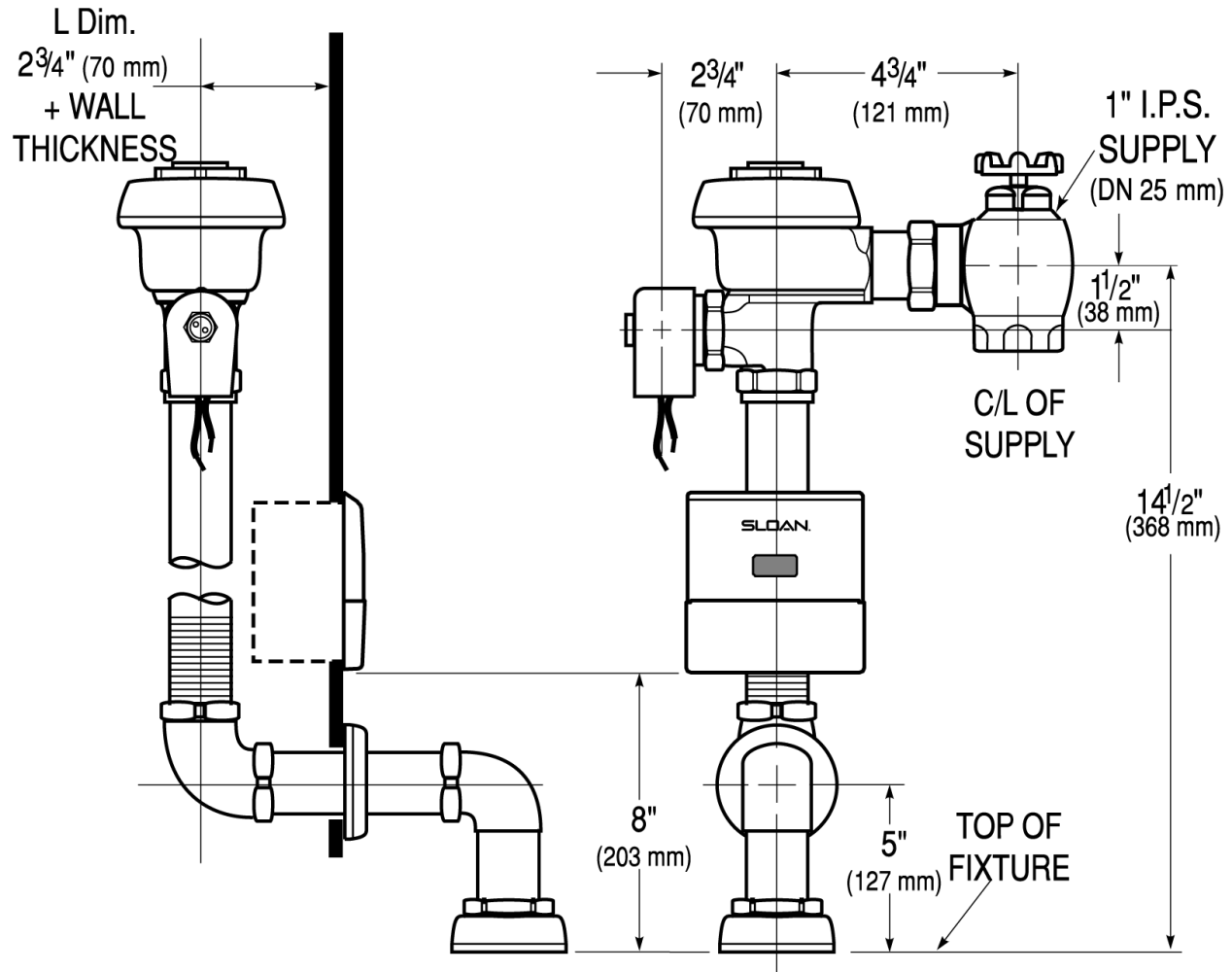
ESS Flushometer

Looking for other variations of the ROYAL 192 ESS product?
[View the general spec sheet with all options.](#)

WARRANTY

[View Warranty Information](#)

ROUGH-IN



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