

### **CODE NUMBER**

3453211

#### DESCRIPTION

1.0 gpf, Rough Brass Finish, Fixture Connection Rear Spud, Single Flush, 11-12.75 L Dimension, Hardwired, Sensor-Operated, Royal® Concealed Sensor Hardwired Urinal Flushometer.

### **DETAILS**

Flush Volume: 1.0 gpf (3.8 Lpf)
Finish: Rough Brass (RB)
Power Type: Hardwired (HW)

• Valve: Diaphragm

• Valve Body Material: Semi-red Brass

• Fixture Type: Urinal

Fixture Connection: Rear Spud
Rough-In Dimension: 13 ½" (343mm)

Spud Coupling: <sup>3</sup>/<sub>4</sub>" (19mm)
Supply Pipe: <sup>3</sup>/<sub>4</sub>" (19mm)

• L Dimension: 11"-12 3/4" (279-324mm) (11-12-3/4-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
- 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 and Spud Coupling for 3/4" Concealed Back Spud
- 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:03451540345999

# **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
- Royal ESS Concealed and Exposed Installation Instructions
- Royal 152/195 ESS TMO (Spanish) Installation Instructions
- Royal 152/195 ESS TMO Installation Instructions
- Royal 152/195 SWB ESS TMO (Spanish) Installation Instructions
- Optima Surface Mounted Sensor Activated Royal/Sloan Concealed Installation Instructions
- Royal 140/152/153/195 ESS TMO SWB Installation Instructions
- Sloan Concealed Spanish Installation Instructions
- Royal ESS Concealed with Wall Box Installation Instructions
- Control Stop Repair and Maintenance Guide

Sloan 10500 Seymour Ave, Franklin Park, IL 60131

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- Flush Connections Flanges Repair and Maintenance Guide
- Tail Piece Repair and Maintenance Guide
- Optima ESS Repair and Maintenance Guide
- Additional Downloads

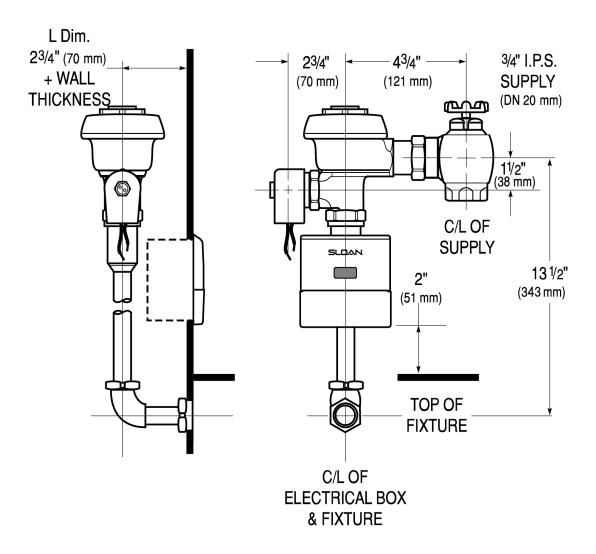
# **NOTES**

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

Looking for other variations of the ROYAL 195 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.

# **ROUGH-IN**



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