

ROYAL® SENSOR FLUSHOMETER ROYAL 152 ESS-3.5-L/STOP-XYV

CODE NUMBER

3451647

DESCRIPTION

3.5 gpf, Polished Chrome Finish, Fixture Connection Rear Spud, Single Flush, Less Control Stop, 2-10.75 L Dimension, Electrical Override, Hardwired, Sensor-Operated, Less Vacuum Breaker, 24V, Royal® Concealed Sensor Hardwired Water Closet Flushometer.

DETAILS

- Flush Volume: 3.5 gpf (13.2 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Hardwired
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Rear Spud
- Rough-In Dimension: 14 ¹/₂" (368mm)
- Spud Coupling: 1 ¹/₂" (38mm)
- Supply Pipe: 1" (25mm)
- L Dimension: 2"-10 3/4" (51-273mm)
- Override: Electrical
- Control Stop: Less (L/STOP)
- Vacuum Breaker: Less (XYV)
- Voltage: 24V

FEATURES

- User friendly three (3) second Flush Delay
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- High Back Pressure Vacuum Breaker Flush Connection and Spud Coupling for 1 1/2" Concealed Back Spud
- Adjustable Tailpiece
- 1" I.P.S. Wheel Handle Bak-Chek® Angle Stop
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

VIDEOS

ESS Flushometer



Variation Not Shown: Less Stop, Less Vacuum Breaker

COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, UL 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: 16 seconds
- Control Circuit: 24 VAC Input/24 VAC Output/Solid State
- Flush Delay: 3s
- Self-Adaptive Window: ±10
- Sensor Range: 22"-42" (559-1,067mm)
- Solenoid Operator: 24 VAC
- Transformers (specify separately):
 - 03451540345999
- **VALVE OPERATING PRESSURE (FLOWING)**

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

DOWNLOADS

- Royal/Sloan/Crown SWB ESS Installation Instructions
- Royal ESS Concealed and Exposed Installation Instructions
- Royal 152/195 ESS TMO Concealed SWB Installation Instructions
- 150/152/190/194/195 ES-SM Installation Instructions
- Royal ESS Concealed with Wall Box Installation Instructions
- Royal 152/195 ESS TMO Installation Instructions
- Royal 152/195 ESS TMO (Spanish) Installation Instructions
- Royal 152/195 ESS TMO SBX Installation Instructions
- Royal 152/195 SWB ESS TMO (Spanish) Installation



ROYAL® SENSOR FLUSHOMETER ROYAL 152 ESS-3.5-L/STOP-XYV

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
- Optima ESS TMO Concealed Repair and Maintenance Guide
- Optima ESS TMO SWB Concealed Repair and Maintenance Guide
- Flushometer Pressure gauges
- Additional Downloads

NOTES

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

Looking for other variations of the ROYAL 152 ESS product? View the general spec sheet with all options.

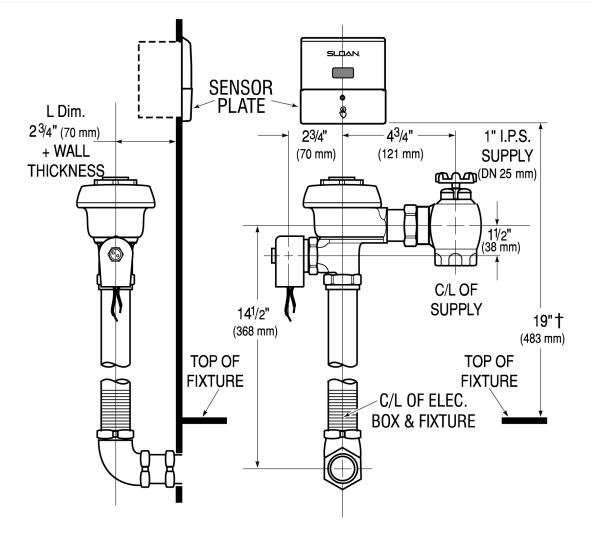
WARRANTY

View Warranty Information

ROUGH-IN

Sloan 10500 Seymour Ave, Franklin Park, IL 60131 Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com





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