

CODE NUMBER

3911734

DESCRIPTION

1.6 gpf, Rough Brass Finish, Fixture Connection Rear Spud, Single Flush, 2-10.75 L Dimension, Hardwired, Solenoid-Operated, 24V, Royal® Concealed Solenoid (less sensor) Hardwired Water Closet Flushometer.

DETAILS

- Flush Volume: 1.6 gpf (6.0 Lpf)
- Finish: Rough Brass
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Rear Spud
- Rough-In Dimension: 14 ½" (368mm)
- Spud Coupling: 1 ½" (38mm)
- Supply Pipe: 1" (25mm)
- L Dimension: 2" - 10 ¾" (51-273mm)
- Voltage: 24V

FEATURES

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Non-Hold-Open Integral 24 V AC Solenoid Operator
- 1" I.P.S. Wheel Handle Bak-Chek® Angle Stop
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection and Spud Coupling for 11/2" Concealed Back Spud
- Sweat Solder Adapter
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flush Accuracy Controlled by CIDTM Technology
- Diaphragm, Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine Resistance
- Model ES flushometers are activated remotely by an electric push button (not included). "ES" flushometers offer solutions for installations that require automatic, remote or other control requirements



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

- 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](#)
- [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](#)
- [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 ES product? [View the general spec sheet with all options.](#)

WARRANTY

[View Warranty Information](#)

Sloan 10500 Seymour Ave, Franklin Park, IL 60131

Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com

ROUGH-IN

