

**CODE NUMBER**

3581601

**DESCRIPTION**

1.6 gpf, XL Sweat Solder Adapter Kit, Rough Brass Finish, Fixture Connection Rear Spud, Single Flush, 2-10.75 L Dimension, Electrical Override, Hardwired, Sensor-Operated, 24V, Regal® Concealed Sensor Hardwired Water Closet Flushometer.

**DETAILS**

- Flush Volume: 1.6 gpf (6.0 Lpf)
- Finish: Rough Brass
- Power Type: Hardwired
- 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)
- Override: Electrical
- Voltage: 24V
- Adapter: XL Sweat Solder Adapter Kit (XL)

**FEATURES**

- 1" I.P.S. Wheel Handle Bak-Chek® Angle Stop
- Spud Coupling for 1½" Concealed Back Spud
- Die Cast Wall Flange and Chrome Plated Wall Cover Plate (for 2-gang Electrical Box) with Vandal Resistant Screws
- Vacuum Breaker Flush Connection
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- Courtesy Flush® Override Button

**VIDEOS**

- ▶ ESS Flushometer

**COMPLIANCES & CERTIFICATIONS**

(ADA Compliant, BAA 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: 16 seconds
- Control Circuit: Solid State/24 VAC Input/24 VAC Output
- Flush Delay: 3s
- Self-Adaptive Window: ±10
- Sensor Range: 22"-42" (559-1,067mm)
- 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**

- [Sloan/Regal Concealed and Exposed Sensor Installation Instructions](#)
- [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 REGAL 152 ESS product?  
[View the general spec sheet with all options.](#)

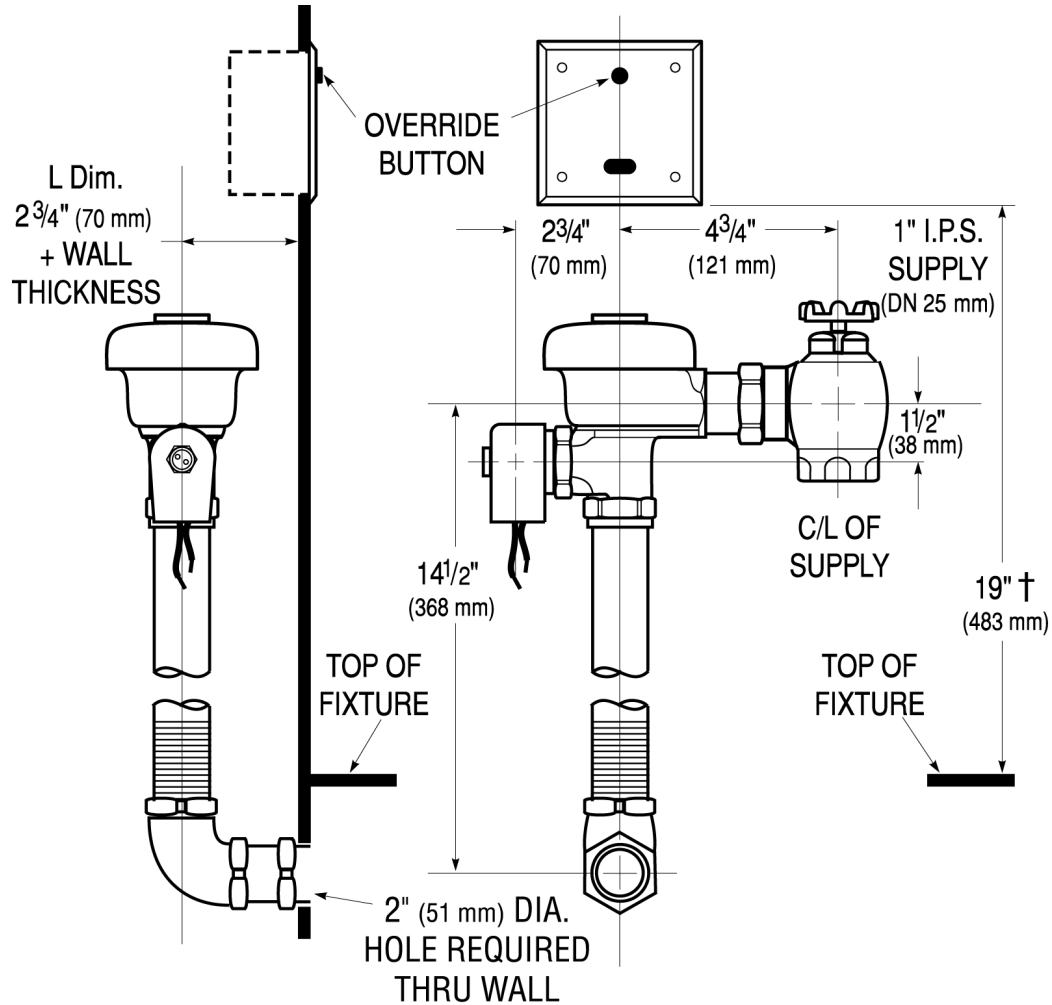
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**WARRANTY**

[View Warranty Information](#)

**ROUGH-IN**



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