

#### **CODE NUMBER**

3580101

#### **DESCRIPTION**

3.5 gpf, XL Sweat Solder Adapter Kit, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Electrical Override, Hardwired, Sensor-Operated, 24V, Regal® Exposed 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 ClosetFixture Connection: Top Spud

• Rough-In Dimension: 11 ½" (292mm)

Spud Coupling: 1 ½" (38mm)
Supply Pipe: 1" (25mm)
Override: Electrical

• Voltage: 24V

• Adapter: XL Sweat Solder Adapter Kit (XL)

#### **FEATURES**

- Vacuum Breaker Flush Connection
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- No External Volume Adjustment to Ensure Water Conservation
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- I.P.S. Screwdriver Bak-Chek® Angle Stop with Control Stop Plug
- Courtesy Flush® Override Button

## **VIDEOS**



ESS Flushometer



## **COMPLIANCES & CERTIFICATIONS**









(ADA Compliant, BAA Compliant, 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):
  - $\circ \ 0345154$
  - 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 110 ESS product? View the general spec sheet with all options.

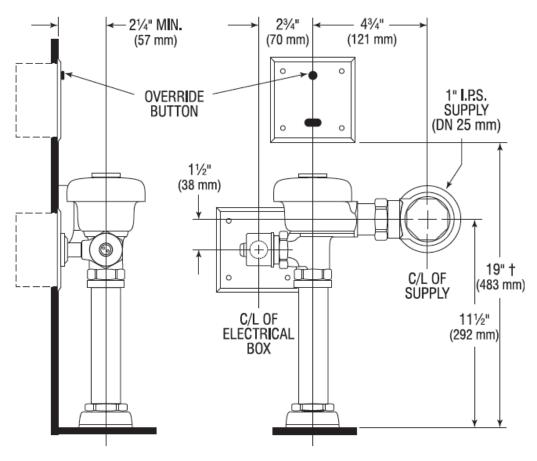
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## **WARRANTY**

View Warranty Information

# **ROUGH-IN**



† Position of Sensor Box can be raised or lowered 1" (25 mm) if in conflict with Handicap Grab Bars.