

### **CODE NUMBER**

3450348

### **DESCRIPTION**

1.6 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, 2 Offset, Electrical Override, Hardwired, Sensor-Operated, 24V, Royal® Exposed Sensor Hardwired Water Closet Flushometer.

### **DETAILS**

Flush Volume: 1.6 gpf (6.0 Lpf)
Finish: Polished Chrome (CP)
Power Type: Hardwired (HW)

• Valve: Diaphragm

• Valve Body Material: Semi-red Brass

Fixture Type: Water Closet
Fixture Connection: Top Spud
Rough-In Dimension: 24" (610mm)
Spud Coupling: 1 ½" (38mm)
Supply Pipe: 1" (25mm)

Override: ElectricalOffset: 2 (2-OFST)Voltage: 24V

### **FEATURES**

- Flush volumes start as low as 1.28 gpf/4.8 Lpf
- Water conservation is aided by the ADA-compliant, non-hold-open handle, which prevents toilet from exceeding intended flush volume
- Flush accuracy is controlled by CID™ technology, also enhancing water efficiency
- Integrity of the product is maintained with the vandal-resistant stop cap
- Durability is facilitated with high copper, low zinc brass castings for dezincification resistance
- Adjustable tailpiece
- PERMEX synthetic rubber diaphragm with Dual Filtered Fixed Bypass
- Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass
- Valve shall be in compliance to the applicable sections of ASSE 1037.

### **VIDEOS**

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ESS Flushometer



## **COMPLIANCES & CERTIFICATIONS**











(ADA Compliant, BAA Compliant, BABAA Compliant, cUPC Certified, 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: 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**

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



# **NOTES**

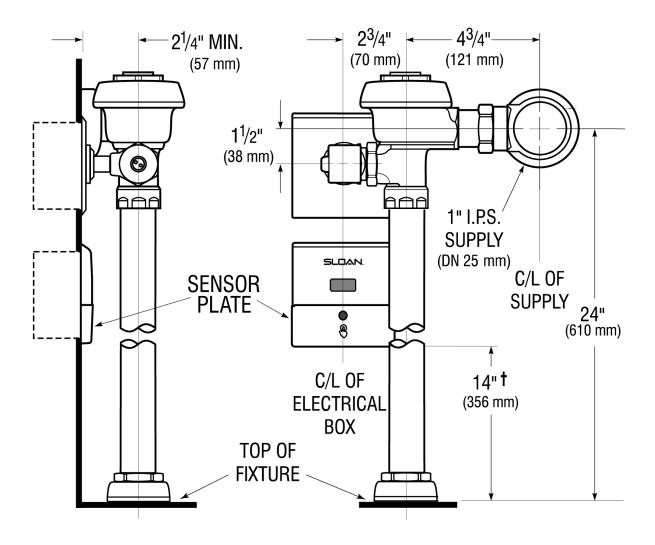
All information contained within this document subject to change without notice.

Looking for other variations of the ROYAL 115 ESS product? View the general spec sheet with all options.

## WARRANTY

View Warranty Information

# **ROUGH-IN**



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