

#### **CODE NUMBER**

3910285

### **DESCRIPTION**

1.6/1.1 gpf, Polished Chrome Finish, 1.5" Flush Connection, Fixture Connection Top Spud, Dual Flush, 1" Inlet, 1" Control Stop, True Mechanical Override, Battery, Infrared, Royal® Exposed Sensor Water Closet Flushometer.

#### **DETAILS**

• Flush Volume: 1.6/1.1 gpf (6.0/4.2 Lpf)

• Finish: Polished Chrome (CP)

Power Type: BatteryValve: 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: True Mechanical (TMO)

Control Stop: 1"Inlet: 1"

• Flush Connection: 1.5"

### **FEATURES**

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Non-Hold-Open True Mechanical Override Full Flush/Dual Flush Buttons
- If the user is present fless than one minute and leaves the sensing zone chooses the small GREEN override button, a reduced flush initiates (1.1 gpf/4.2 Lpf) eliminating liquid and paper waste, saving 1/2 gallon of water
- If the user is present fgreater than one minute and leaves the zone chooses the large BLACK override button, the full flush initiates (1.6 gpf/6.0 Lpf) eliminating solid waste and paper
- Four (4) size C batteries included
- "Low Battery" Flashing LED
- "User in View" Flashing LED
- 72-Hour Sentinel Flush
- High Back Pressure Vacuum Breaker Flush Connection with Onepiece Bottom Hex Coupling Nut
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- No External Volume Adjustment to Ensure Water Conservation
- Adjustable Tailpiece
- ADA Compliant Battery Powered Infrared Sensfautomatic "Handsfree" operation
- Infrared Senswith Multiple-focused, Lobular Sensing Fields fhigh and low target detection
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from



### **COMPLIANCES & CERTIFICATIONS**

















(ADA Compliant, BAA Compliant, BABAA Compliant, BREEAM Water Credit, cUPC Certified, cUPC Green Certified, Green Globes Water Credit, 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**

• Flush Delay: 3s

• Sensor Range: 22"-42" (559-1,067mm)

## **VALVE OPERATING PRESSURE (FLOWING)**

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

# **DOWNLOADS**

- EL-700/750-A Installation Instructions
- EBV-500/550-A Installation Instructions
- Royal Exposed Installation Instructions
- Royal Exposed Spanish Installation Instructions
- Control Stop Repair and Maintenance Guide
- Flush Connections Flanges Repair and Maintenance Guide
- Tail Piece Repair and Maintenance Guide
- Royal Manual Diaphragm Flushometer Repair and Maintenance Guide
- EBV500/EBV550 Repair and Maintenance Guide
- Additional Downloads

### **NOTES**

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

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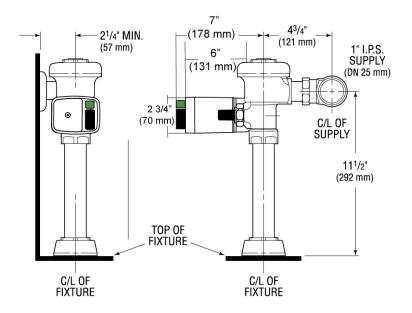
PERMEX® rubber compound fChloramine resistance

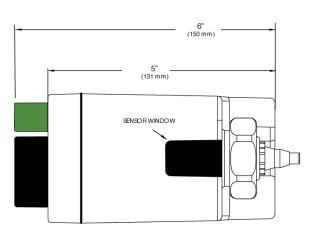
Looking for other variations of the ROYAL 111 DFSM product? View the general spec sheet with all options.

# **WARRANTY**

View Warranty Information

### **ROUGH-IN**





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