

### **CODE NUMBER**

3912717

### DESCRIPTION

1.0 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, True Mechanical Override, Hardwired, Royal® Exposed Sensor Urinal Flushometer.

### **DETAILS**

Flush Volume: 1.0 gpf (3.8 Lpf)
Finish: Polished Chrome (CP)
Power Type: Hardwired (HW)

Valve: Diaphragm

• Valve Body Material: Semi-red Brass

• Fixture Type: Urinal

• Fixture Connection: Top Spud

• Rough-In Dimension: 11 ½" (292mm)

Spud Coupling: ¾" (19mm)
Supply Pipe: ¾" (19mm)

• Override: True Mechanical (TMO)

## **FEATURES**

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 3/4" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- ADA Compliant Metal Oscillating Non-Hold-Open Handle
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker to be molded from PERMEXTM Rubber Compound for Chloramine Resistance
- Diaphragm, Handle Packing and Vacuum Breaker to be molded from PERMEX® Rubber Compound for Chloramine Resistance
- ADA Compliant OPTIMA® SMOOTH® Infrared Sensor for automatic "Hands-free" operation
- 6 VAC Hardwired Transformer sold separately
- "User in View" Flashing LED
- 72 Hour Sentinel Flush Mode
- Mechanical Manual Override Flush Handle



## **COMPLIANCES & CERTIFICATIONS**











(ADA Compliant, BAA Compliant, BABAA Compliant, cUPC 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: 8 seconds
- Control Circuit: 6 VDC Input/72 Hour Sentinel Flush/Solid State
- Sensor Range: 26"-32" (660-813mm)
- Transformers (specify separately):
  - EL-451 (up to 6 flushometers)
  - o EL-386 (Up to 1 flushometer)

# **VALVE OPERATING PRESSURE (FLOWING)**

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

## **DOWNLOADS**

- EL 600-A Installation Instructions
- EBV 200 Smooth 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
- EBV-200-A Repair and Maintenance Guide
- EL600A Smooth Side Mount Repair and Maintenance Guide
- Royal Manual Diaphragm Flushometer Repair and Maintenance Guide
- Additional Downloads

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# **NOTES**

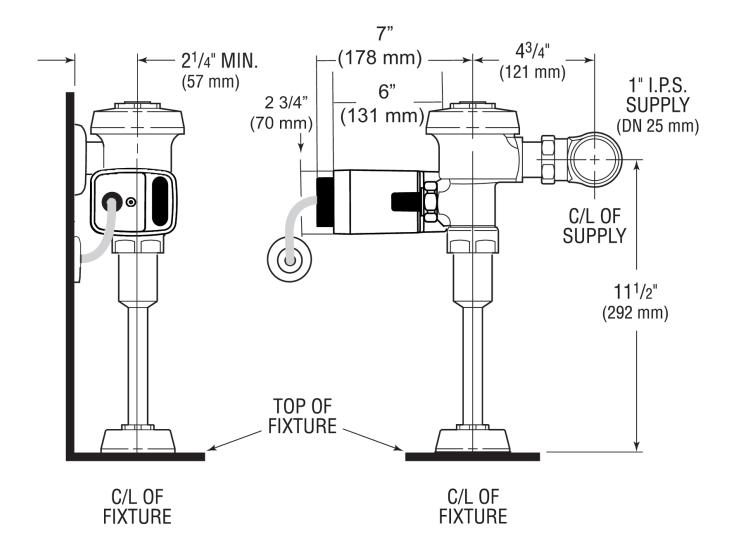
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Looking for other variations of the ROYAL 186 SMOOTH product? View the general spec sheet with all options.

## WARRANTY

View Warranty Information

# **ROUGH-IN**



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