

CODE NUMBER

3910059

DESCRIPTION

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

DETAILS

Flush Volume: 1.28 gpf (4.8 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: 11 ¹⁶ (29)

 $\bullet~$ Rough-In Dimension: 11 $\frac{1}{2}$ " (292mm)

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

• Override: True Mechanical (TMO)

FEATURES

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 1" 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, BREEAM Water Credit, cUPC Certified, cUPC Green Certified, Green Globes Water Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, UPC Certified, WaterSense Listed)

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):
 - o EL-451 (up to 6 flushometers)
 - 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

- EBV 200 Smooth Installation Instructions
- EL 600-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

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Maintenance Guide

- EBV-200-A Repair and Maintenance Guide
- EL600A Smooth Side Mount Repair and Maintenance Guide
- Additional Downloads

NOTES

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

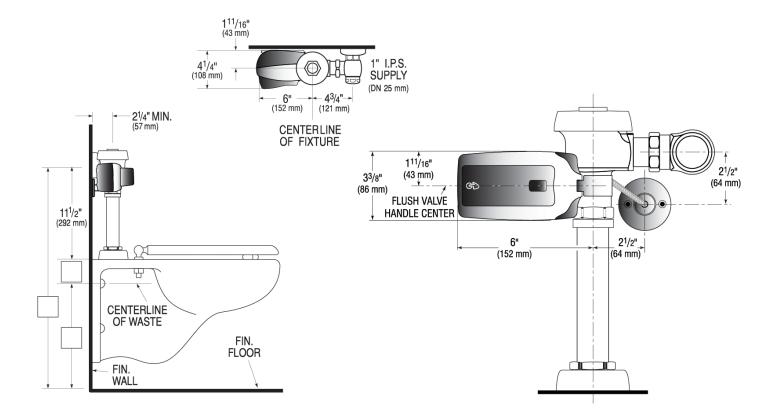
Looking for other variations of the ROYAL 111 SMOOTH product? View the general spec sheet with all options.

WaterSense compliant when used with a WaterSense compliant fixture

WARRANTY

View Warranty Information

ROUGH-IN



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