

## CODE NUMBER

3910268

## DESCRIPTION

1.28 gpf, Angle Stop Bumper, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Battery, Royal® Exposed Sensor Water Closet Flushometer.

## DETAILS

- Flush Volume: 1.28 gpf (4.8 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Battery
- Battery Life: 3 years
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 ½" (292mm)
- Spud Coupling: 1 ½" (38mm)
- Supply Pipe: 1" (25mm)
- Bumper: Angle Stop (YO)

## FEATURES

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- ADA Compliant Metal Oscillating Non-Hold-Open Handle
- 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
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

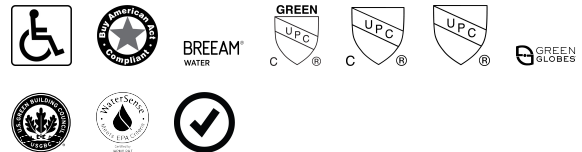
Optima SMOOTH Unit

- "User in View" Flashing LED
- "Low Battery" Flashing LED
- Sensor with Automatic Range Adjustment
- Four (4) Size C Batteries included
- ADA Compliant OPTIMA® SMOOTH® Battery Powered Infrared Sensor for automatic "Hands-free" operation



Variation Not Shown: Angle Stop Seat Bumper

## COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, BREEAM Water Credit, cUPC Green Certified, cUPC Certified, UPC Certified, Green Globes Water Credit, LEED V4 Water Efficiency Credit, WaterSense Listed, Satisfies LEED Credits)

## 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
- Battery Life: 3 years
- Control Circuit: 6 VDC Input/72 Hour Sentinel Flush/Solid State
- Sensor Range: 26"-32" (660-813mm)

## 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 Maintenance Guide](#)

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- [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.](#)

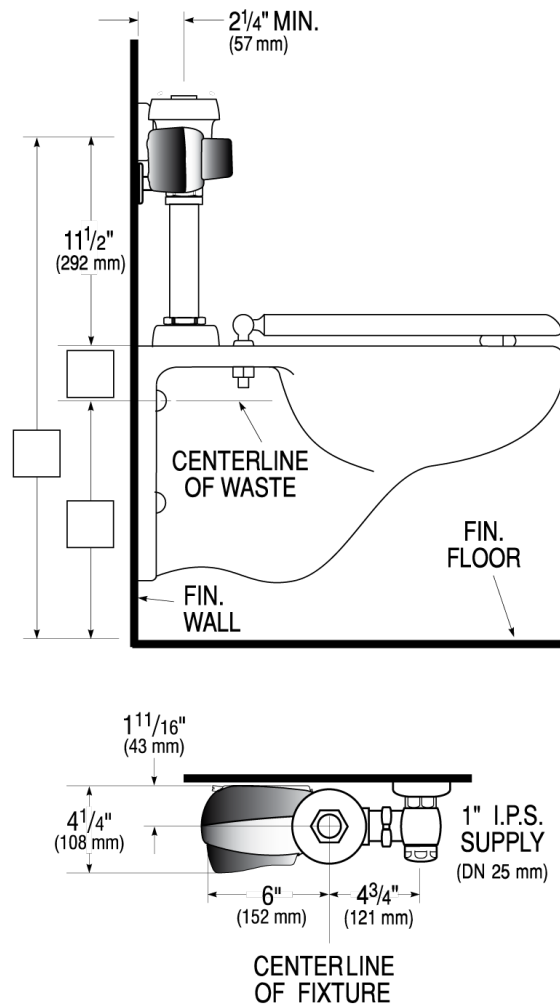
WaterSense compliant when used with a WaterSense compliant fixture

Battery life varies according to actual usage and restroom conditions.

#### WARRANTY

[View Warranty Information](#)

#### ROUGH-IN



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