

## CODE NUMBER

3910058

## DESCRIPTION

1.6 gpf, Polished Chrome Finish, 1.5" Flush Connection, Fixture Connection Top Spud, Single Flush, 1" Inlet, Less Control Stop, Electrical Override, Battery, Infrared, Less Vacuum Breaker, Royal® Exposed Sensor Water Closet Flushometer.

## DETAILS

- Flush Volume: 1.6 gpf (6.0 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)
- Override: Electrical
- Control Stop: Less (L/STOP)
- Inlet: 1"
- Vacuum Breaker: Less (XYV)
- Flush Connection: 1.5"

## FEATURES

- All organic rubber has been replaced with synthetic compounds
- Critical components, including cover, valve body, control stop and sweat solder kit, are made of semi-red brass
- 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.



Variations not Shown: Less Vacuum Breaker, Less Control Stop

## COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, 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

- Battery Life: 3 years
- 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

- [Optima SMO 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](#)
- [EBV-89A 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 SMO product?  
[View the general spec sheet with all options.](#)

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Battery life varies according to actual usage and restroom conditions.

**WARRANTY**

[View Warranty Information](#)

**ROUGH-IN**

