

OPTIONS**Outlet Tube**

Trap Primer (TP)

NOTESFor product line drawings, [view model-specific spec sheets](#).

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



Image for a standard ROYAL 113 SMO shown

DESCRIPTION

Royal® Exposed Sensor Water Closet Flushometer

FEATURES

- Flush volumes start as low as 1.6 gpf/6.0 Lpf
- Water conservation is aided by the ADA-compliant, non-hold-open handle, which prevents toilet from exceeding intended flush volume
- Flush accuracy is controlled by CID™ technology, also enhancing water efficiency
- Integrity of the product is maintained with the vandal-resistant stop cap
- Durability is facilitated with high copper, low zinc brass castings for dezincification resistance
- Adjustable tailpiece
- 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.

DOWNLOADS

- [Royal Exposed Installation Instructions](#)
- [Royal Exposed Spanish Installation Instructions](#)
- [Optima SMO 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-89A Side Mount Repair and Maintenance Guide](#)
- [Additional Downloads](#)