

OPTIONS

Flush Volume

- 1.0 gpf (3.8 Lpf) (1.0)
- 1.5 gpf (5.7 Lpf) (1.5)
- 3.5 gpf (13.2 Lpf) (3.5)

Water Efficiency

- Water Saver
- Low Consumption

Override

- Less (L/OR)
- True Mechanical (TMO)

Wall Box

- Regal Plate

Control Stop

- 3/4"
- Ground Joint (GJ)

Compliances & Certifications

- ADA Compliant
- BAA Compliant
- BABAA Compliant
- UL Certified
- cUPC Certified
- UPC Certified

NOTES

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

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



Image for a standard ROYAL 180 ESS shown

DESCRIPTION

Royal® Exposed Sensor Hardwired Urinal Flushometer

FEATURES

- Sensor-activated, hardwired urinal flushometer
- PERMEX™ Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 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 ESS Concealed and Exposed Installation Instructions](#)
- [Royal ESS TMO Installation Instructions](#)
- [Royal 110/111/180/186 ESS TMO \(Spanish\) Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Optima ESS Repair and Maintenance Guide](#)
- [Optima ESS TMO Concealed Repair and Maintenance Guide](#)
- [Flushometer Pressure gauges](#)
- [Additional Downloads](#)

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VIDEOS

 ESS Flushometer