

**OPTIONS**

**Flush Volume**

- 1.6 gpf (6.0 Lpf) (1.6)
- 3.5 gpf (13.2 Lpf) (3.5)
- 1.28 gpf (4.8 Lpf) (1.28)

**Wall Plate Finish**

- Polished Chrome (CP)
- Stainless Steel (BSS)

**Water Efficiency**

- Low Consumption
- Water Saver
- High Efficiency

**L Dimension**

- 2"-10 3/4" (51-273mm) (2-10-3/4-LDIM)
- 11"-12 3/4" (279-324mm) (11-12-3/4-LDIM)
- 2"-6 3/4" (51-171mm) (2-6-3/4-LDIM)
- 13"-14 3/4" (330-375mm) (13-14-3/4-LDIM)
- 15 3/4" (400mm) (15-3/4-LDIM)
- 2"-14 3/4" (51-375mm) (2-14-3/4-LDIM)

**Override**

- Electrical (OR)
- True Mechanical (TMO)

**Wall Box**

- With (W/BOX)
- Small (SWB)
- Standard (not included, order separately)

**Outlet Tube**

- Trap Primer (TP)

**Special Features**

- Whitworth Thread (WWT)

**Compliances & Certifications**

- ADA Compliant
- BAA Compliant
- UL Certified
- cUPC Certified
- UPC Certified
- BREEAM Water Credit
- Green Globes Water Credit
- LEED V4 Water Efficiency Credit
- Satisfies LEED Credits
- WaterSense Listed



Image for a standard ROYAL 153 ESS Hardwired shown

**DESCRIPTION**

Royal® Concealed Sensor Flushometer

**FEATURES**

- Flush volumes start as low as 1.28 gpf/4.8 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**

- [Optima Sensor Activated Royal Installation Instructions](#)
- [Royal 140/152/153/195 ESS TMO SWB Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Concealed Flushometers Repair and Maintenance Guide](#)
- [Optima ESS Repair and Maintenance Guide](#)

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#### NOTES

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

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

- [Additional Downloads](#)

#### VIDEOS

-  [ESS Flushometer](#)

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