

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)
- 2.4 gpf (9.1 Lpf) (2.4)

Wall Plate Finish

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

Power Type

- Hardwired (HW)

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)
- 13" - 14 3/4" (330-375mm) (13-14-3/4-LDIM)
- 15 3/4" (400mm) (15-3/4-LDIM)
- 18 3/4" (476mm) (18-3/4-LDIM)
- 19 3/4" (502mm) (19-3/4-LDIM)
- 7" - 8 3/4" (178-222mm) (7-8-3/4-LDIM)

Override

- Electrical (OR)
- True Mechanical (TMO)

Wall Box

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

Push Button

- C2A (C2A)

Control Stop

- 1" Straight (E)
- Less (L/STOP)

Vacuum Breaker

- Less (XYV)

Outlet Tube

- Trap Primer (TP)

Special Features

- Whitworth Thread (WWT)



Image for a standard ROYAL 152 ESS Hardwired shown

DESCRIPTION

Royal® Concealed Sensor Water Closet 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

- [Royal/Sloan/Crown SWB ESS Installation Instructions](#)
- [Royal ESS Concealed and Exposed Installation Instructions](#)
- [Royal 152/195 ESS TMO Concealed Installation Instructions](#)
- [Optima Sensor Activated Royal/Sloan Concealed Installation Instructions](#)
- [Royal ESS Concealed with Wall Box Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)

Sloan 10500 Seymour Ave, Franklin Park, IL 60131

Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com

Less Logo (LL)

Compliances & Certifications

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

- [Tail Piece Repair and Maintenance Guide](#)
- [Optima ESS Repair and Maintenance Guide](#)
- [ESS TMO SWB Repair and Maintenance Guide](#)
- [Additional Downloads](#)

VIDEOS

-  [ESS Flushometer](#)

NOTES

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

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