

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)
- 6.5 gpf (24.6 Lpf) (6.5)

Water Efficiency

- Low Consumption
- Water Saver
- High Efficiency

L Dimension

- 2"-10 3/4" (51-273mm)
- 10 3/4" (273mm) (10-3/4-LDIM)
- 11"-12 3/4" (279-324mm)
- 6 3/4" (171mm) (6-3/4-LDIM)
- 9"-10 3/4" (229-273mm)

Control Stop

- 1" Straight (E)

Voltage

- 24V
- 120V

Compliances & Certifications

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

NOTES

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

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



DESCRIPTION

Royal® Concealed Solenoid (less sensor) Hardwired 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 ESS Concealed and Exposed 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](#)
- [Flushometer Pressure gauges](#)
- [Additional Downloads](#)