



Royal® Sensor Flushometer

ROYAL 110 SMOOTH-3.5-CP

Product description

3.5 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Battery, Royal® Exposed Sensor Water Closet Flushometer.

Compliances & Certifications



(ADA Compliant, BAA Compliant, IAPMO, UPC Certified)

Code 3010125

Finish



Downloads

- [EBV 200 Smooth Installation Instructions.pdf](#)
- [Royal Exposed Installation Instructions.pdf](#)
- [Royal Exposed Spanish Installation Instructions.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Flushometers Brochure.pdf](#)
- [Additional Downloads](#)

Videos

- [Sloan - Company Overview](#)

Details

- Flush Volume: 3.5 gpf (13.2 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Battery
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 1.5" (38mm)
- Supply Pipe: 1" (25mm)

Features

- 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

Recommended specifications

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

Electrical specifications

- Arming Delay: 8 seconds
- Control Circuit:
 - 6 VDC Input
 - 72 Hour Sentinel Flush
 - Solid State
- Sensor Range: 26"-32" (660 - 813mm)

Valve Operating Pressure (Flowing)

15-80 psi (103 - 552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

Warranty

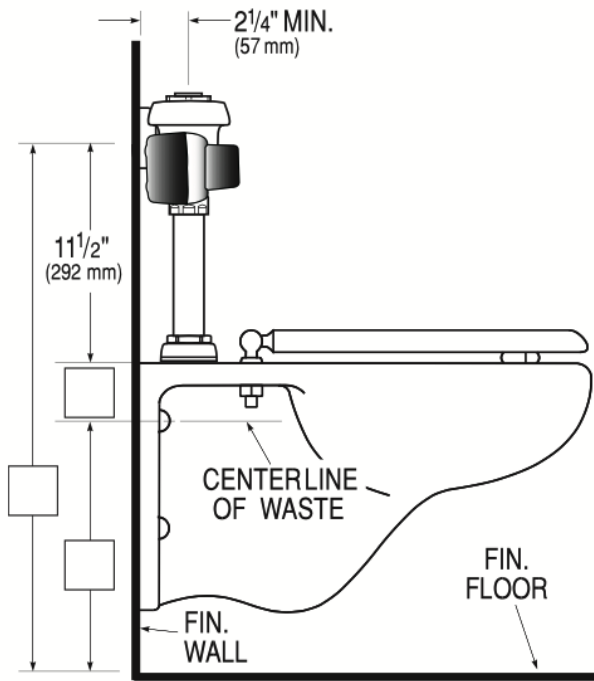
[View Warranty Information](#)

Notes

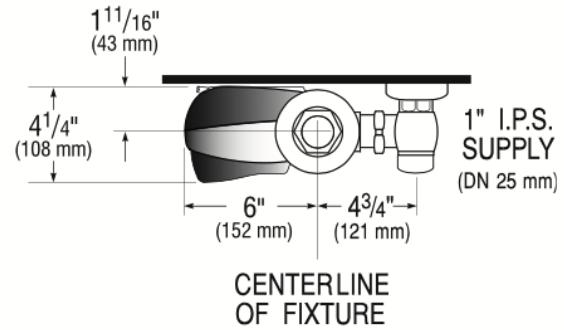
All information contained within this document subject to change without notice.

Looking for other variations of the ROYAL 110 SMOOTH product?
[View the general spec sheet with all options.](#)

[Find a compatible urinal](#) for this flushometer.
[Find a compatible water closet](#) for this flushometer.



Side View



Top View