

**ROYAL® MANUAL FLUSHOMETER
ROYAL 110-3.5-G****CODE NUMBER**

3910163

DESCRIPTION

3.5 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Left of Valve Handle, Royal® Exposed Manual Water Closet Flushometer.

DETAILS

- Flush Volume: 3.5 gpf (13.2 Lpf)
- Finish: Polished Chrome (CP)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 ½" (292mm)
- Spud Coupling: 1 ½" (38mm)
- Supply Pipe: 1" (25mm)
- Handle: Left of Valve (G)

FEATURES

Quiet, Exposed, Diaphragm Type, Chrome Plated Closet

Flushometer for left or right hand supply with the following features:

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
 - Sweat Solder Adapter with Cover Tube & Cast Wall Flange with Set Screw
 - ADA Compliant Metal Oscillating Non-Hold-Open Handle with Triple Seal Handle Packing
 - Diaphragm, Handle Packing and Vacuum Breaker to be molded from PERMEX® Rubber Compound for Chloramine Resistance
 - Adjustable Tailpiece
 - High Copper, Low Zinc Brass Castings for Dezincification Resistance
 - Flush accuracy controlled by CID® technology
 - Spud Coupling and Flange for 1 1/2" Top Spud
 - 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap
 - Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- 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

**COMPLIANCES & CERTIFICATIONS**Made in The
USA

(ADA Compliant, BAA Compliant, BABAA Compliant, Made in the USA, UPC Certified)

RECOMMENDED SPECIFICATION

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.

VALVE OPERATING PRESSURE (FLOWING)

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

DOWNLOADS

- [Royal Exposed Installation Instructions](#)
- [Royal Manual Diaphragm Flushometer Repair and Maintenance Guide](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Additional Downloads](#)

NOTES

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

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

WARRANTY

[View Warranty Information](#)

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ROUGH-IN

