



Variation Not Shown: 1.25" Flush Connection

Royal® Solenoid (less sensor) Flushometer

ROYAL 609 ES-3.5-RB-U-HW-120V

Product description

3.5 gpf, Rough Brass Finish, 1.25" Flush Connection, Fixture Connection Rear Spud, Single Flush, Hardwired, Solenoid-Operated, 120V, Royal® Concealed Solenoid (less sensor) Hardwired Urinal PWT Flushometer.

Compliances & Certifications



(ADA Compliant*, BAA Compliant, IAPMO, UL Certified (US), UPC Certified)

Code 3918744

Finish



Rough Brass (RB)

Downloads

- [Concealed Flushometer Installation Instructions for Stainless Steel Fixtures.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

Videos

- [ESS Flushometer](#)

Details

- Flush Volume: 3.5 gpf (13.2 lpf)
- Finish: Rough Brass (RB)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Rear Spud
- Rough-in Dimension: 14.5" (368mm)
- Spud Coupling: 1.5" (38mm)
- Supply Pipe: 1" (25mm)
- Flush Connection: 1.25" (32mm) (U)
- Voltage: 120V (120V)

Features

- 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

- Solenoid Operator: 120 VAC

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.

*Compliant with ADA accessibility requirements when installed according to ADA standards.

Looking for other variations of the ROYAL 609 ES product? [View the general spec sheet with all options.](#)

