



Variation Not Shown: Less Flush Connection

Royal® Solenoid (less sensor) Flushometer

ROYAL 142 ES-3.5-RB-L/FC-HW-120V

Product description

3.5 gpf, Rough Brass Finish, Less Flush Connection, Fixture Connection Rear Spud, Single Flush, Hardwired, Solenoid-Operated, 120V, Royal® Concealed Solenoid (less sensor) Hardwired Water Closet Flushometer.

Compliances & Certifications



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

Code 3911225

Finish



Downloads

- [Royal ESS Concealed and Exposed Installation Instructions.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

Videos

- [Sloan – Company Overview](#)

Product Information

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: Water Closet
 - Fixture Connection: Rear Spud
 - Rough-in Dimension: 9" (229mm)
 - Spud Coupling: 1.5" (38mm)
 - Supply Pipe: 1" (25mm)
 - Flush Connection: Less (L/FC)
 - Voltage: 120V (120V)
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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

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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
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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 142 ES product? [View the general spec sheet with all options.](#)

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

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

