



Variation Not Shown: Anti-Flood Device

Royal® Solenoid (less sensor) Flushometer

ROYAL 603 ES-1.6-RB-AFD-HW-24V

Product description

1.6 gpf, Rough Brass Finish, Anti-Flood Device Flush Connection, Fixture Connection Rear Spud, Single Flush, Hardwired, Solenoid-Operated, 24V, Royal® Concealed Solenoid (less sensor) Hardwired Water Closet Flushometer.

Compliances & Certifications



(BAA Compliant, BABAA Compliant, IAPMO, UL Certified (US), cUPC Certified)

Code 3918176

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

- [Sloan – Company Overview](#)

Product Information

Details

- Flush Volume: 1.6 gpf (6.0 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: 16" (406mm)
 - Spud Coupling: 1.5" (38mm)
 - Supply Pipe: 1" (25mm)
 - Flush Connection: Anti-Flood Device (AFD)
 - Voltage: 24V (24V)
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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

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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: 24 VAC
 - Transformers (Specify Separately):
 - EL-154/0345154
 - EL-342/0345999
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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.

Looking for other variations of the ROYAL 603 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.

