



Royal® Sensor Flushometer

ROYAL 195 ES SM-ES-SM-1.5-RB-HW-24V

Product description

1.5 gpf, Rough Brass Finish, Fixture Connection Rear Spud, Single Flush, 2"-10.75" L Dimension, Hardwired, Sensor-Operated with Modular Plug, 24V, Royal® Concealed Sensor Hardwired Urinal Flushometer.

Compliances & Certifications



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

Code 3453229

Finish



Downloads

- [150_152_190_194_195 ES-SM Installation Instructions.pdf](#)
- [Optima ESS Repair and Maintenance Guide.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Tail Piece Repair and Maintenance Guide.pdf](#)
- [Retrofits Brochure.pdf](#)
- [Additional Downloads](#)

Videos

- [ESS Flushometer](#)

Details

- Flush Volume: 1.5 gpf (5.7 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: 13.5" (343mm)
- Spud Coupling: 0.75" (19mm)
- Supply Pipe: 0.75" (19mm)
- L Dimension: 2"-10.75" (51-273mm)
- Voltage: 24V (24V)

Features

- Water conservation is aided by the ADA-compliant, non-hold-open solenoid operator, which prevents urinal from exceeding intended flush volume
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Flush accuracy is controlled by CID technology, also enhancing water efficiency
- Durability is facilitated with high copper, low zinc brass castings for dezincification resistance
- Adjustable tailpiece
- Transformer not included; order separately
- 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
- Sensor Range: 0"-36" (0 - 914mm)
- Solenoid Operator: 24 VAC
- Transformers (Specify Separately):
 - EL-154/0345154
 - EL-342/0345999

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 195 ES SM product?

[View the general spec sheet with all options.](#)

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

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

