



Sloan® Sensor Flushometer

SLOAN 143 ESS-1.6-RB-24V

Product description

1.6 gpf, Rough Brass Finish, Fixture Connection Rear Spud, Single Flush, 2"-10.75" L Dimension, Electrical Override, Hardwired, Sensor-Operated, 24V, Sloan® Concealed Sensor Hardwired Water Closet Flushometer.

Compliances & Certifications



(ADA Compliant, BAA Compliant, cUPC Certified, IAPMO, UL Certified, USA)

Code 3771225

Finish

 Rough Brass (RB)

Downloads

- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Tail Piece Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

Videos

- [ESS Flushometer](#)

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: 14.5" (368mm)
- Spud Coupling: 1.5" (38mm)
- Supply Pipe: 1" (25mm)
- L Dimension: 2"-10.75" (51-273mm)
- Override: Electrical
- Voltage: 24V (24V)

Features

- Flush volumes start as low as 1.6 gpf/6.0 Lpf
- Water conservation is aided by the ADA-compliant, non-hold-open handle
- 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 to accommodate different height requirements
- High chloramine resistant PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action
- 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: 16 seconds
- Control Circuit:
 - Solid State
 - 24 VAC Input
 - 24 VAC Output
- Flush Delay: 3 seconds
- Sensor Range: 22"-42" (559 - 1067mm)
- Self-Adaptive Window: ±10"
- 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.

Looking for other variations of the SLOAN 143 ESS product?
[View the general spec sheet with all options.](#)

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

