



## Sloan® Sensor Flushometer

SLOAN 140 ESS-1.6-BSS-WB ESS-HW-24V

### Product description

1.6 gpf, Stainless Steel Finish, Fixture Connection Rear Spud, Single Flush, 2"-10.75" L Dimension, Electrical Override, Hardwired, Sensor-Operated, 24V, Wall Box with 13" x 17" Stainless Steel Access Panel Wall Box, Sloan® Concealed Sensor Hardwired Water Closet Flushometer.

### Compliances & Certifications



(ADA Compliant\*, BAA Compliant, BABAA Compliant, UL Certified (US))

### Code 3771110

#### Finish

 Stainless Steel (BSS)

#### Downloads

- [Sloan\\_Regal Concealed and Exposed Sensor Installation Instructions.pdf](#)
- [Optima ESS Repair and Maintenance Guide.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

#### Videos

- [ESS Flushometer](#)

## Details

- Flush Volume: 1.6 gpf (6.0 lpf)
- Finish: Stainless Steel (BSS)
- 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
- Wall Box: Wall Box with 13" x 17" Stainless Steel Access Panel (WB ESS)
- Voltage: 24V (24V)

## Features

- Sensor-activated, hardwired closet flushometer
- High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action
- Durability is facilitated with high copper, low zinc brass castings for dezincification resistance
- Adjustable tailpiece
- 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.

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

Looking for other variations of the SLOAN 140 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.

