



## Royal® Sensor Flushometer

ROYAL 186 SFSM-0.5-CP-TMO-HW

### Product description

0.5 gpf, Polished Chrome Finish, 0.75" Flush Connection, Fixture Connection Top Spud, Single Flush, 0.75" Inlet, 3/4" Control Stop, True Mechanical Override, Hardwired, Infrared, Royal® Exposed Sensor Urinal Flushometer.

### Compliances & Certifications



(ADA Compliant\*, BAA Compliant, BABAA Compliant, BREEAM Water Credit, Green Globes Water, IAPMO, LEED Water, Satisfies LEED Credits, UL Certified (US), EPA WaterSense Listed)

Code 3912751

### Finish

 Polished Chrome (CP)

### Downloads

- [Royal Exposed Installation Instructions.pdf](#)
- [Royal Exposed Spanish Installation Instructions.pdf](#)
- [EBV-500\\_550-A Installation Instructions.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
- [Flushometers Brochure.pdf](#)
- [Additional Downloads](#)

### Videos

- [Sloan - Company Overview](#)

## Details

- Flush Volume: 0.5 gpf (1.9 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 0.75" (19mm)
- Supply Pipe: 0.75" (19mm)
- Override: True Mechanical (TMO)
- Control Stop: 3/4"
- Flush Connection: 0.75" (19mm)

## Features

- All organic rubber has been replaced with synthetic compounds
- Critical components, including cover, valve body, control stop and sweat solder kit, are made of semi-red brass
- 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

## 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

- Flush Delay: 1 seconds
- Sensor Range: 15"-30" (381 - 762mm)
- Transformers (Specify Separately):
  - EL-386/0345095 (Up to 1 Flushometer)
  - EL-451/0345125 (Up to 6 Flushometers)

## 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.

WaterSense compliant when used with a 0.5 gpf (1.9 lpf) WaterSense fixture.

Looking for other variations of the ROYAL 186 SFSM product?

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

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

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

