



Variations Not Shown: Less Vacuum Breaker,
Less Control Stop

Royal® Sensor Flushometer

ROYAL 186 SMO-1.0-L/STOP-CP-XYV

Product description

1.0 gpf, Polished Chrome Finish, 0.75" Flush Connection, Fixture Connection Top Spud, Single Flush, Less Control Stop, Electrical Override, Battery, Infrared, Less Vacuum Breaker, Royal® Exposed Sensor Urinal Flushometer.

Compliances & Certifications



(ADA Compliant*, BAA Compliant, IAPMO, cUPC Certified)

Code 3912691

Finish



Polished Chrome (CP)

Downloads

- [Optima SMO Installation Instructions.pdf](#)
- [Royal Exposed Installation Instructions.pdf](#)
- [Royal Exposed Spanish 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](#)

Product Information

Details

- Flush Volume: 1.0 gpf (3.8 lpf)
 - Finish: Polished Chrome (CP)
 - Power Type: Battery
 - 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: Electrical
 - Control Stop: Less (L/STOP)
 - Vacuum Breaker: Less (XYV)
 - Flush Connection: 0.75" (19mm)
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Features

- Includes the required wall plate and a purple wall flange to let users know reclaimed water is in use
- All organic rubber has been replaced with synthetic compounds
- Optional purple handle provides additional indication of reclaimed water use
- 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

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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

- Sensor Range: 22"-42" (559 - 1067mm)
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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.

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

Looking for other variations of the ROYAL 186 SMO product?

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

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

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

