

**CODE NUMBER**

3012673

**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, Battery, Infrared, Royal® Exposed Sensor Specialty Urinal Reclaimed Water Flushometer.

**DETAILS**

- Flush Volume: 0.5 gpf (1.9 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 ½" (292mm)
- Spud Coupling: ¾" (19mm)
- Supply Pipe: ¾" (19mm)
- Override: True Mechanical (TMO)
- Control Stop: 3/4"
- Inlet: 0.75"
- Flush Connection: 0.75"

**FEATURES**

- True Mechanical Override Flush Button
- Four (4) size C batteries included
- "Low Battery" Flashing LED
- "User in View" Flashing LED
- 72-Hour Sentinel Flush
- 3/4" I.P.S. screwdriver Bak-Chek® angle stop with free spinning, vandal resistant stop cap
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- No External Volume Adjustment to Ensure Water Conservation
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- Includes adhesive backed metal wallplate with non-potable water warning
- Features purple wall flange, diaphragm guide, bonnet and inner cover to communicate reclaimed water use
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection



**COMPLIANCES & CERTIFICATIONS**



(ADA Compliant, BAA Compliant, BABAA Compliant, BREEAM Water Credit, cUPC Green Certified, cUPC Certified, Green Globes Water Credit, LEED V4 Water Efficiency Credit, WaterSense Listed, Satisfies LEED Credits)

**RECOMMENDED SPECIFICATION**

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: 1s
- Sensor Range: 15" - 30" (381 - 762mm)

**VALVE OPERATING PRESSURE (FLOWING)**

15-80 PSI (103-552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

**DOWNLOADS**

- [Royal Reclaimed Water Flushometer Installation Instructions](#)
- [EBV-500/550-A Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Reclaimed Water Flushometers Repair and Maintenance Guide](#)
- [EBV500/EBV550 Repair and Maintenance Guide](#)
- [Additional Downloads](#)

**NOTES**

All information contained within this document subject to change without notice.

**Sloan 10500 Seymour Ave, Franklin Park, IL 60131**

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Looking for other variations of the ROYAL 186 RW SF5M product? [View the general spec sheet with all options.](#)

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

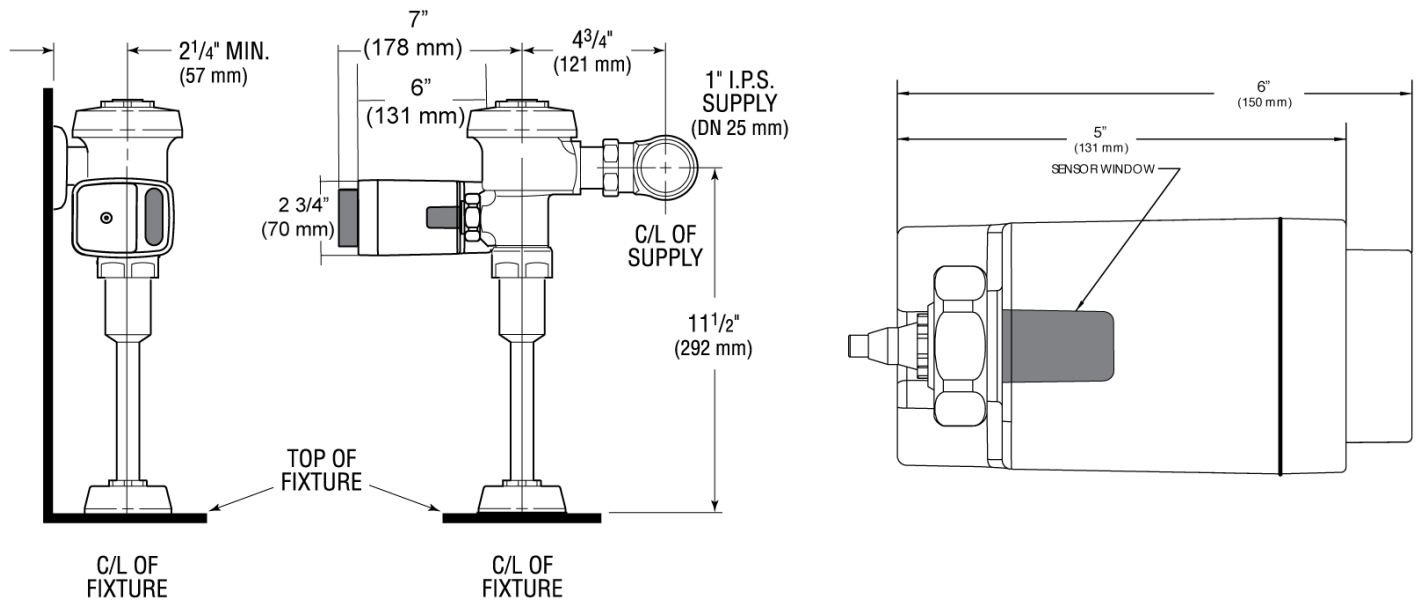
[Find a compatible water closet](#) for this flushometer.

WaterSense compliant when used with a WaterSense compliant fixture

**WARRANTY**

[View Warranty Information](#)

**ROUGH-IN**



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