

## CODE NUMBER

70021301

## DESCRIPTION

SU-7009 Urinal and ROYAL 186 ESS Flushometer.

## COMPONENTS

- Flushometer: Code 3452625
- Urinal: Code 1107009

## DETAILS

- Flush Volume: 0.25 gpf (0.9 Lpf)
- Nominal Dimensions: 14 ¾" x 14 3/16" x 23 ½" (375 x 360 x 597mm)

## FLUSHOMETER FEATURES

Quiet, Exposed, Dual Filtered Diaphragm Assembly, Chrome Plated Urinal

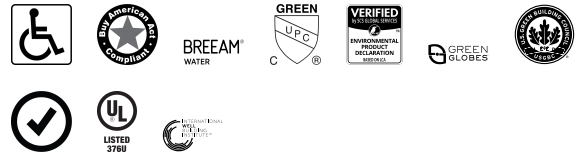
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for ¾" Top Spud
- Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine Resistance
- ¾" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection

## FIXTURE FEATURES

- White Vitreous China
- Washdown flushing action
- Integral flushing rim
- ¾" I.P.S. top spud inlet
- 2" NPT outlet flange
- Vandal resistant strainer assembly included
- All mounting hardware included
- 100% factory flush tested



## COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, BREEAM Water Credit, cUPC Green Certified, EPD, Green Globes Water Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, UL Certified, WELL Building Standard)

## DOWNLOADS

- [Small Spud Urinal Installation Instructions](#)
- [Royal ESS Concealed and Exposed Installation Instructions](#)
- [SS/ST/SU/WETS/WEUS Fixtures Repair and Maintenance Guide](#)
- [Optima ESS Repair and Maintenance Guide](#)
- [Additional Downloads](#)

## NOTES

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

## WARRANTY

[View Warranty Information](#)

Technical drawings of the SLOAN S1000 flushometer valve, showing side, front, and top views with dimensions in inches and millimeters.

**Side View Dimensions:**

- Top of Fixture to Top of Electrical Box: 2 1/4" (57 mm)
- Top of Electrical Box to Center of Supply: 2 1/2" (64 mm)
- Center of Supply to 3/4" I.P.S. Supply: 4 3/4" (121 mm)
- Center of Supply to Center of Electrical Box: 2 3/4" (70 mm)
- Center of Supply to 3/4" I.P.S. Supply: 11 1/2" (292 mm)

**Front View Dimensions:**

- Overall Width: 14 3/16" (360 mm)
- Width at Top: 10 1/4" (260 mm)
- Width at Middle: 6 3/4" (171 mm)
- Width at Bottom: 5" (127 mm)
- Overall Height: 23 1/2" (597 mm)
- Height to Top of Bowl: 19" (483 mm)
- Height to Center of Bowl: 10 1/8" (257 mm)
- Height to Bottom of Bowl: 10 1/8" (257 mm)
- Height to 2" NPT Outlet: 5 1/8" (143 mm)
- Height to 17" ADA\* Outlet: 17" (432 mm)
- Height to 18 3/8" ADA\* Outlet: 18 3/8" (467 mm)
- Height to 11 3/8" ADA\* Outlet: 11 3/8" (289 mm)
- Height to 11 5/8" Outlet: 11 5/8" (295 mm)
- Height to 19" Outlet: 19" (483 mm)
- Height to 13 3/8" Outlet: 13 3/8" (340 mm)
- Height to 13 3/16" Outlet: 13 3/16" (335 mm)
- Height to 24" Outlet: 24" (610 mm)

**Top View Dimensions:**

- Overall Width: 14 3/16" (360 mm)
- Width at Top: 10 1/4" (260 mm)
- Width at Middle: 6 3/4" (171 mm)
- Width at Bottom: 5" (127 mm)
- Overall Height: 23 1/2" (597 mm)
- Height to Top of Bowl: 19" (483 mm)
- Height to Center of Bowl: 10 1/8" (257 mm)
- Height to Bottom of Bowl: 10 1/8" (257 mm)
- Height to 2" NPT Outlet: 5 1/8" (143 mm)
- Height to 17" ADA\* Outlet: 17" (432 mm)
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- Height to 11 3/8" ADA\* Outlet: 11 3/8" (289 mm)
- Height to 11 5/8" Outlet: 11 5/8" (295 mm)
- Height to 19" Outlet: 19" (483 mm)
- Height to 13 3/8" Outlet: 13 3/8" (340 mm)
- Height to 13 3/16" Outlet: 13 3/16" (335 mm)
- Height to 24" Outlet: 24" (610 mm)

**Other Dimensions:**

- 3/4" I.P.S. Supply (DN 20 mm)
- 2 1/4" (57 mm)
- 2 3/4" (70 mm)
- 4 3/4" (121 mm)
- 1" (25 mm)
- 2 1/2" (64 mm)
- 11 1/2" (292 mm)
- 14 3/16" (360 mm)
- 10 1/4" (260 mm)
- 6 3/4" (171 mm)
- 5" (127 mm)
- 23 1/2" (597 mm)
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- 11 5/8" (295 mm) Outlet
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- 13 3/16" (335 mm) Outlet
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