SLOAN®

CODE NUMBER

3912712

DESCRIPTION

0.25 gpf, Dual-Filtered Bypass, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, True Mechanical Override, Hardwired, Royal® Exposed Sensor Urinal Flushometer.

DETAILS

- Flush Volume: 0.25 gpf (0.9 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Bypass: Dual-Filtered Bypass
- 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)

FEATURES

- High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Dual Linear Filtered Bypass and Vortex Cleansing ActionTM
- 3/4" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Locking Vandal Resistant Stop Cap
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- Non-Hold-Open Handle, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- ADA Compliant Metal Oscillating Non-Hold-Open Handle
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker to be molded from PERMEXTM Rubber Compound for Chloramine Resistance
- Diaphragm, Handle Packing and Vacuum Breaker to be molded from PERMEX® Rubber Compound for Chloramine Resistance
- ADA Compliant OPTIMA® SMOOTH® Infrared Sensor for automatic "Hands-free" operation
- 6 VAC Hardwired - Transformer sold separately
- "User in View" Flashing LED
- 72 Hour Sentinel Flush Mode
- Mechanical Manual Override Flush Handle

COMPLIANCES & CERTIFICATIONS

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

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

- Arming Delay: 8 seconds
- Control Circuit: 6 VDC Input/72 Hour Sentinel Flush/Solid State
- Sensor Range: 26"–32" (660–813mm)
- Transformers (specify separately):
  - EL-451 (up to 6 flushometers)
  - EL-386 (Up to 1 flushometer)

VALVE OPERATING PRESSURE (FLOWING)

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

DOWNLOADS

- EL 600-A Installation Instructions
- EBV 200 Smooth Installation Instructions
- Royal Exposed Installation Instructions
- Royal Exposed Spanish Installation Instructions
- Control Stop Repair and Maintenance Guide
- Flush Connections Flanges Repair and Maintenance Guide
- Tail Piece Repair and Maintenance Guide
- EBV-200-A Repair and Maintenance Guide

- EL600A Smooth Side Mount Repair and Maintenance Guide
- Royal Manual Diaphragm Flushometer Repair and Maintenance Guide
- Additional Downloads

NOTES

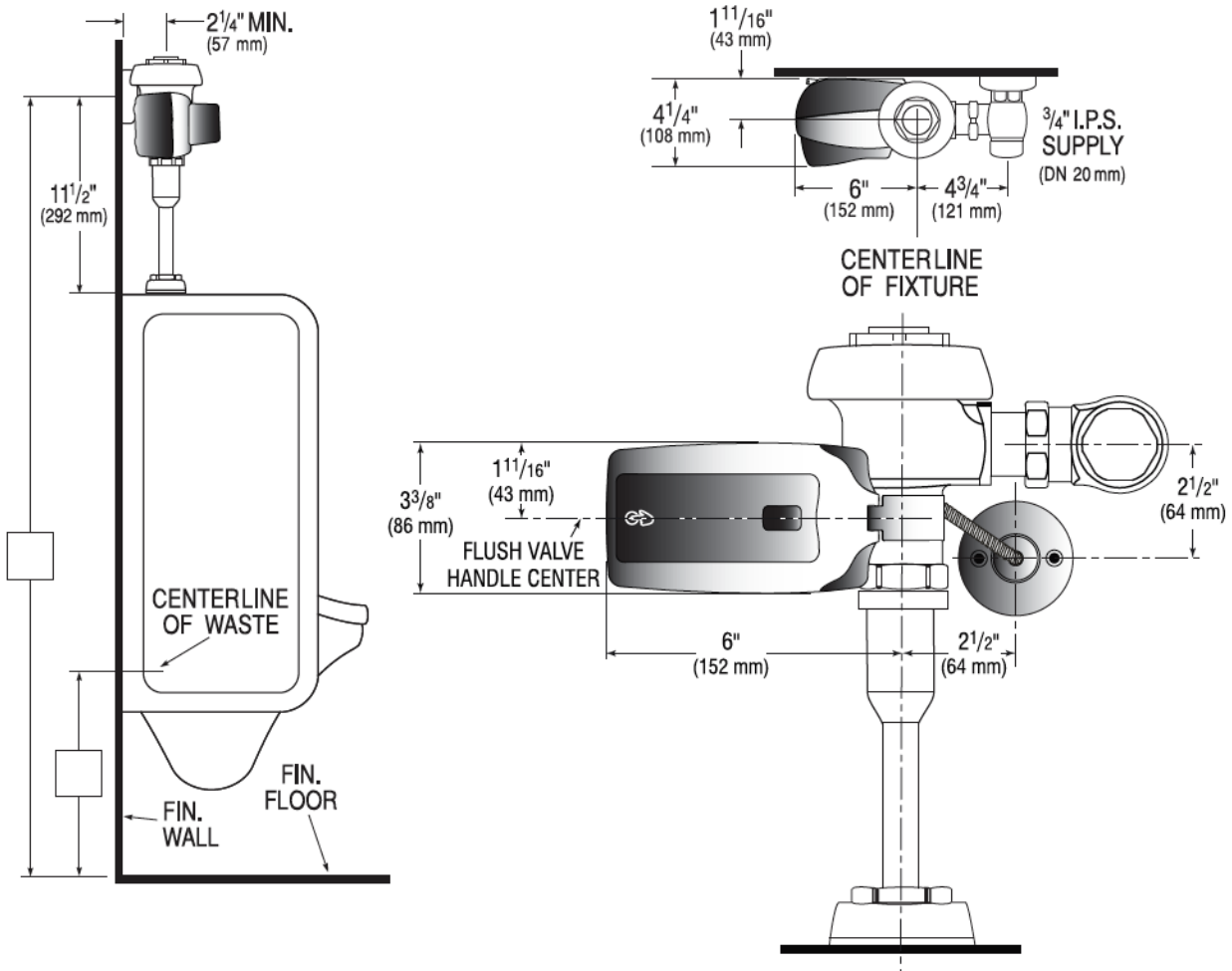All information contained within this document subject to change without notice.

Looking for other variations of the ROYAL 186 SMOOTH product? View the general spec sheet with all options.

WaterSense compliant when used with a WaterSense compliant fixture

WARRANTY

View Warranty Information

ROUGH-IN

2¼" MIN.
(57 mm)

11½"
(292 mm)

CENTERLINE
OF WASTE

FIN.
WALL

FIN.
FLOOR

1¹¹⁄₁₆"
(43 mm)

4¼"
(108 mm)

¾" I.P.S.
SUPPLY
(DN 20 mm)

6"
(152 mm)

4¾"
(121 mm)

CENTERLINE
OF FIXTURE

3³⁄₈"
(86 mm)

1¹¹⁄₁₆"
(43 mm)

FLUSH VALVE
HANDLE CENTER

2½"
(64 mm)

6"
(152 mm)

2½"
(64 mm)