

CODE NUMBER

3912492

DESCRIPTION

3.5 gpf, Polished Chrome Finish, 1.5" Flush Connection, Single Flush, Electrical Override, Hardwired, Sensor-Operated, Royal® Exposed Sensor Hardwired Urinal Flushometer.

DETAILS

Flush Volume: 3.5 gpf (13.2 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 ½" (292mm)

Spud Coupling: 1 ¼" (32mm)
Supply Pipe: 1" (25mm)
Override: Electrical (OR)
Flush Connection: 1.5" (T)

FEATURES

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 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
- Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine Resistance
- High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for 1 1/4" Top Spud"
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap



COMPLIANCES & CERTIFICATIONS









(UL Certified, ADA Compliant, UPC Certified, BAA Compliant)

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: Solid State/24 VAC Input/24 VAC Output

Self-Adaptive Window: ±8

• Sensor Range: 15"-30" (381-762mm)

• Solenoid Operator: 24 VAC

Transformers:03451540345999

VALVE OPERATING PRESSURE (FLOWING)

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

DOWNLOADS

- Royal ESS Concealed and Exposed Installation Instructions
- Royal ESS TMO Installation Instructions
- Royal 110/111/180/186 ESS TMO (Spanish) Installation Instructions
- Control Stop Repair and Maintenance Guide
- Flush Connections Flanges Repair and Maintenance Guide
- Tail Piece Repair and Maintenance Guide
- Optima ESS Repair and Maintenance Guide
- Additional Downloads

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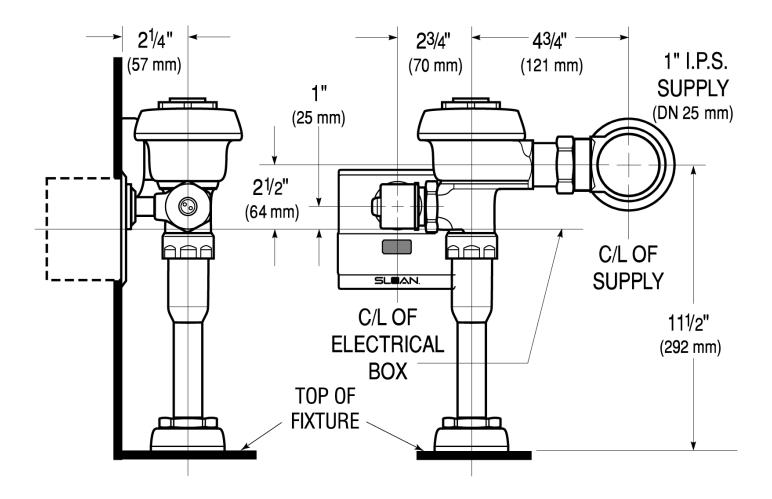
NOTES

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

Looking for other variations of the ROYAL 180 ESS product? View the general spec sheet with all options.

Find a compatible urinal for this flushometer. Find a compatible water closet for this flushometer.

ROUGH-IN



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