

CODE NUMBER

3452648

DESCRIPTION

0.5 gpf, Brushed Nickel Finish, Fixture Connection Top Spud, Single Flush, 3/4" Control Stop, True Mechanical Override, Hardwired, Sensor-Operated, 24V, Royal® Exposed Sensor Hardwired Urinal Flushometer.

DETAILS

• Flush Volume: 0.5 gpf (1.9 Lpf) • Finish: Brushed Nickel (BN) 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: 3/4" (19mm) • Supply Pipe: 3/4" (19mm)

• Override: True Mechanical (TMO)

• Control Stop: 3/4" • Voltage: 24V

FEATURES

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- User friendly three (3) second Flush Delay
- Sweat solder adapter with cover tube and cast wall flange with set
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- "Walk By" Delay of Eight (8) Seconds Prevents Unintentional Flushes
- Non-Hold-Open True Mechanical Override
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Courtesy FlushTM Non-Hold-Open True Mechanical Override
- High Back Pressure Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for 3/4" **Dug2 aoT**
- 3/4" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant

VIDEOS

ESS Flushometer

PVD Special Finishes



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, UL 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: Solid State/24 VAC Input/24 VAC Output

• Flush Delay: 1s

• Self-Adaptive Window: ±8

• Sensor Range: 15"-30" (381-762mm)

Solenoid Operator: 24 VAC

Transformers (specify separately):

0345154

0345999

VALVE OPERATING PRESSURE (FLOWING)

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

DOWNLOADS

- Royal ESS TMO Installation Instructions
- Royal ESS Concealed and Exposed 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

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- Flushometer Pressure gauges
- Additional Downloads

NOTES

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

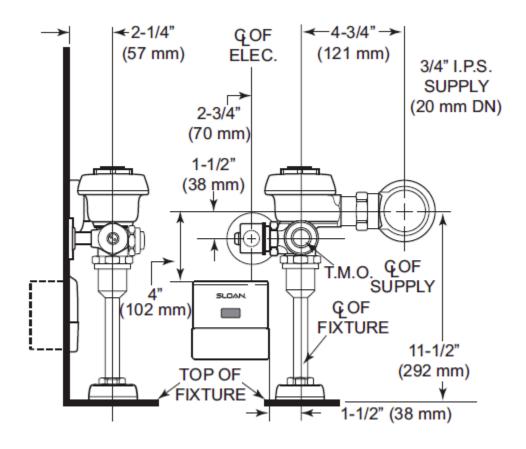
Looking for other variations of the ROYAL 186 ESS product? View the general spec sheet with all options.

WaterSense compliant when used with a WaterSense compliant fixture

WARRANTY

View Warranty Information

ROUGH-IN



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