

ROYAL® SENSOR FLUSHOMETER ROYAL 111 ESS-1.28-PB-TMO-HW

CODE NUMBER

3450023

DESCRIPTION

1.28 gpf, Polished Brass Finish, Single Flush, True Mechanical Override, Hardwired, Sensor-Operated, Royal® Exposed Sensor Hardwired Water Closet Flushometer.

DETAILS

- Flush Volume: 1.28 gpf (4.8 Lpf)
- Finish: Polished Brass (PB)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top spud
- Rough-In Dimension: 11 ¹/₂" (292mm)
- Spud Coupling: 1 ¹/₂" (38mm)
- Supply Pipe: 1" (25mm)
- Override: True Mechanical (TMO)

FEATURES

Quiet, Exposed, Diaphragm Type, Chrome Plated Closet

Flushometer with the following features:

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- 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 screw
- OPTIMA® EL-1500 Self-Adaptive Infrared Sensor with Indicator Light
- Non-Hold-Open True Mechanical Override
- Die Cast Sensor Plate with no visible Fasteners (for 2-gang Electrical Box)
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap
- High Back Pressure Vacuum Breaker Flush Connection with OnePiece
- Bottom Hex Coupling Nut, Spud Coupling and Flange for
- 1½" Top Spud
- Non-Hold-Open Integral Solenoid Operator, Fixed Metering Bypass and No External Volume Adjustment to Ensure Water

Conservation

• Flush accuracy controlled by CID® technology



Variation Not Shown: Brushed Nickel

COMPLIANCES & CERTIFICATIONS



(ADA Compliant, cUPC Certified, cUPC Green Certified, WaterSense Listed, BAA Compliant, UL Certified, 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

• Arming Delay: 16 seconds

VALVE OPERATING PRESSURE (FLOWING)

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

DOWNLOADS

- Royal ESS 110/111 Electrical Box Installation Instructions
- 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
- Optima TMO 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 111 ESS product?

Sloan 10500 Seymour Ave, Franklin Park, IL 60131 Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com



VIDEOS

ESS Flushometer

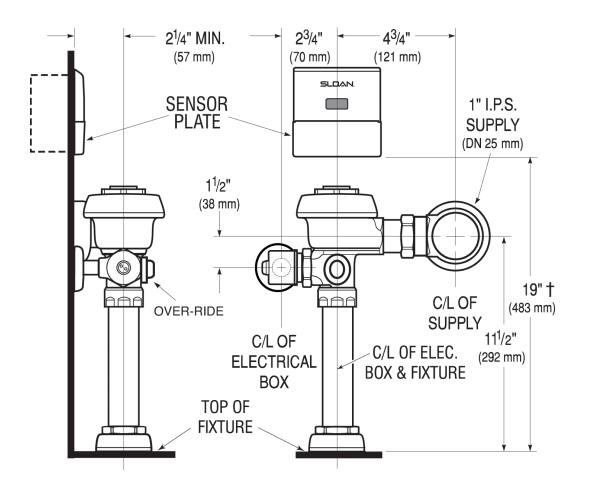
PVD Special Finishes

ROUGH-IN

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



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