

CODE NUMBER

3778130

DESCRIPTION

0.5 gpf, Rough Brass Finish, Fixture Connection Top Spud, Single Flush, Less Override, Hardwired, Sensor-Operated, 24V, Royal® Concealed Sensor Hardwired Urinal Flushometer.

DETAILS

• Flush Volume: 0.5 gpf (1.9 Lpf)

• Finish: Rough Brass

• Power Type: Hardwired (HW)

Valve: Diaphragm

• Valve Body Material: Semi-red Brass

• Fixture Type: Urinal

• Fixture Connection: Top Spud

• Rough-In Dimension: 13 ½" (343mm)

Spud Coupling: ¾" (19mm)
Supply Pipe: ¾" (19mm)
Override: Less (L/OR)

• Voltage: 24V

FEATURES

- Quiet, Concealed, Diaphragm Type, Rough Brass Urinal
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed bypass
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Vacuum Breaker Flush Connection with One-Piece Bottom Hex Coupling Nut, Spud Coupling and Flange for 3/4" Rear Spud
- Non-Hold-Open Integral Solenoid Operator
- Die Cast Sensor Plate with no visible Fasteners (for 2-gang Electrical Box)
- 3/4" I.P.S. Wheel Handle Bak-Chek® Angle Stop

VIDEOS



ESS Flushometer



COMPLIANCES & CERTIFICATIONS











(BAA Compliant, BABAA Compliant, cUPC Certified, UL Certified, UPC Certified)

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

- Concealed Flushometer Installation Instructions for Stainless Steel Fixtures
- 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

NOTES

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

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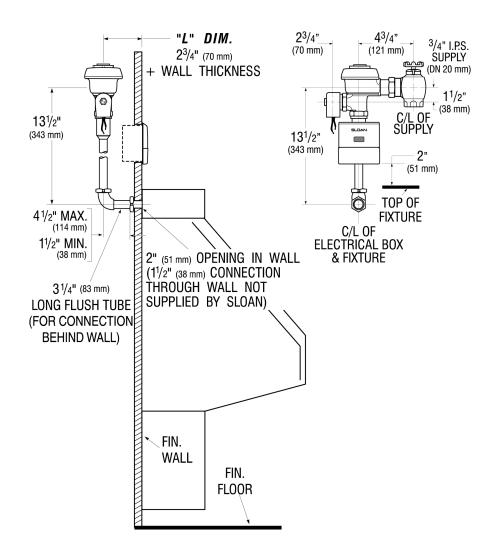


Looking for other variations of the ROYAL 613 ESS product? View the general spec sheet with all options.

WARRANTY

View Warranty Information

ROUGH-IN



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