

CODE NUMBER

3910286

DESCRIPTION

1.6/1.1 gpf, Polished Chrome Finish, 1.5" Flush Connection, Fixture Connection Top Spud, Dual Flush, 1" Inlet, 1" Control Stop, True Mechanical Override, Hardwired, Infrared, Royal® Exposed Sensor Water Closet Flushometer.

DETAILS

- Flush Volume: 1.6/1.1 gpf (6.0/4.2 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Hardwired
- Battery Life: 3 years
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 ½" (292mm)
- Spud Coupling: 1 ½" (38mm)
- Supply Pipe: 1" (25mm)
- Override: True Mechanical (TMO)
- Control Stop: 1"
- Inlet: 1"
- Flush Connection: 1.5"

FEATURES

- Non-Hold-Open True Mechanical Override Full Flush/Dual Flush Buttons
- If the user is present flush than one minute and leaves the sensing zone chooses the small GREEN override button, a reduced flush initiates (1.1 gpf/4.2 Lpf) eliminating liquid and paper waste, saving 1/2 gallon of water
- If the user is present greater than one minute and leaves the zone chooses the large BLACK override button, the full flush initiates (1.6 gpf/6.0 Lpf) eliminating solid waste and paper
- "User in View" Flashing LED
- 72-Hour Sentinel Flush
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange w/Set Screw
- No External Volume Adjustment to Ensure Water Conservation
- ADA Compliant Battery Powered Infrared Sensor Automatic "Hands-free" operation
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields high and low target detection
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Free Spinning Vandal Resistant Stop Cap
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound Chloramine resistance



COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, BREEAM Water Credit, cUPC Green Certified, cUPC Certified, UL Certified, UPC Certified, Green Globes Water Credit)

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

- Battery Life: 3 years
- Flush Delay: 3s
- Sensor Range: 22"-42" (559-1,067mm)
- 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-700/750-A Installation Instructions](#)
- [EBV-500/550-A 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](#)
- [Royal Manual Diaphragm Flushometer Repair and Maintenance Guide](#)
- [EBV500/EBV550 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 111 DFSM product?
[View the general spec sheet with all options.](#)

Battery life varies according to actual usage and restroom conditions.

WARRANTY

[View Warranty Information](#)

ROUGH-IN

