



**Royal<sup>®</sup> Sensor Specialty Flushometer**

**ROYAL 111 RW SFSM-1.28-CP-TMO**

**Product description**

1.28 gpf, Polished Chrome Finish, 1.5” Flush Connection, Fixture Connection Top Spud, Single Flush, 1” Inlet, 1” Control Stop, True Mechanical Override, Battery, Infrared, Royal<sup>®</sup> Exposed Sensor Specialty Water Closet Reclaimed Water Flushometer.

**Compliances & Certifications**



(ADA Compliant, BAA Compliant, BABAA Compliant, BREEAM Water Credit, cUPC Green Certified, Green Globes Water, IAPMO, LEED Water, Satisfies LEED Credits, EPA WaterSense Listed)

**Code 3010081**

**Finish**

-  Polished Chrome (CP)

**Downloads**

-  [Royal Reclaimed Water Flushometer Installation Instructions.pdf](#)
-  [EBV-500\\_550-A Installation Instructions.pdf](#)
-  [Control Stop Repair and Maintenance Guide.pdf](#)
-  [Flush Connections Flanges Repair and Maintenance Guide.pdf](#)
-  [Tail Piece Repair and Maintenance Guide.pdf](#)
-  [Retrofits Brochure.pdf](#)
-  [Additional Downloads](#)

**Videos**

-  [Sloan – Company Overview](#)

## Details

- Flush Volume: 1.28 gpf (4.8 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Battery
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 1.5" (38mm)
- Supply Pipe: 1" (25mm)
- Override: True Mechanical (TMO)
- Control Stop: 1"
- Flush Connection: 1.5" (38mm)

## Features

- Includes the required wall plate and a purple wall flange to let users know reclaimed water is in use.
- All organic rubber has been replaced with synthetic compounds
- Interior components are purple to let maintenance personnel know the flushometer is designed for reclaimed water
- Critical components, including cover, valve body, control stop and sweat solder kit, are made of semi-red brass
- Optional purple handle provides additional indication of reclaimed water use.
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass
- Valve shall be in compliance to the applicable sections of ASSE 1037

## Recommended specifications

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

- Flush Delay: 3 seconds
- Sensor Range: 22"-42" (559 - 1067mm)

## Valve Operating Pressure (Flowing)

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

## Warranty

[View Warranty Information](#)

## Notes

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

Looking for other variations of the ROYAL 111 RW SFSM product?  
[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 1.28 gpf (4.8 lpf) WaterSense fixture.

