CODE NUMBER
34516005

DESCRIPTION
1.28 gpf, Brushed Stainless Finish, Fixture Connection Rear Spud, Single Flush, 2-10.75 L Dimension, Electrical Override, Hardwired, Sensor-Operated, Royal® Concealed Sensor Hardwired Water Closet Flushometer.

DETAILS
- Flush Volume: 1.28 gpf (4.8 Lpf)
- Finish: Brushed Stainless (SF)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Rear Spud
- Rough-In Dimension: 24" (610mm)
- Spud Coupling: 1 ½" (38mm)
- Supply Pipe: 1" (25mm)
- L Dimension: 2"–10 ¾" (51–273mm) (2-10-3/4-LDIM)
- Override: Electrical (OR)

FEATURES
- Flush volumes start as low as 1.28 gpf/4.8 Lpf
- Water conservation is aided by the ADA-compliant, non-hold-open handle, which prevents toilet from exceeding intended flush volume
- Flush accuracy is controlled by CID™ technology, also enhancing water efficiency
- Integrity of the product is maintained with the vandal-resistant stop cap
- Durability is facilitated with high copper, low zinc brass castings for dezincification resistance
- Adjustable tailpiece
- 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.

VIDEOS
▶ ESS Flushometer

COMPLIANCES & CERTIFICATIONS

(UL Certified, ADA Compliant, UPC Certified, BAA Compliant, cUPC Certified, cUPC Green Certified, BREEAM Water Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, 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: 16 seconds
- Transformers:
  - 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/Sloan/Crown SWB ESS Installation Instructions
- Royal ESS Concealed and Exposed Installation Instructions
- Royal 152/195 ESS TMO Concealed Installation Instructions
- 150/152/190/194/195 ES-SM Installation Instructions
- Royal ESS Concealed with Wall Box 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
- ESS TMO Repair and Maintenance Guide
- Additional Downloads

NOTES

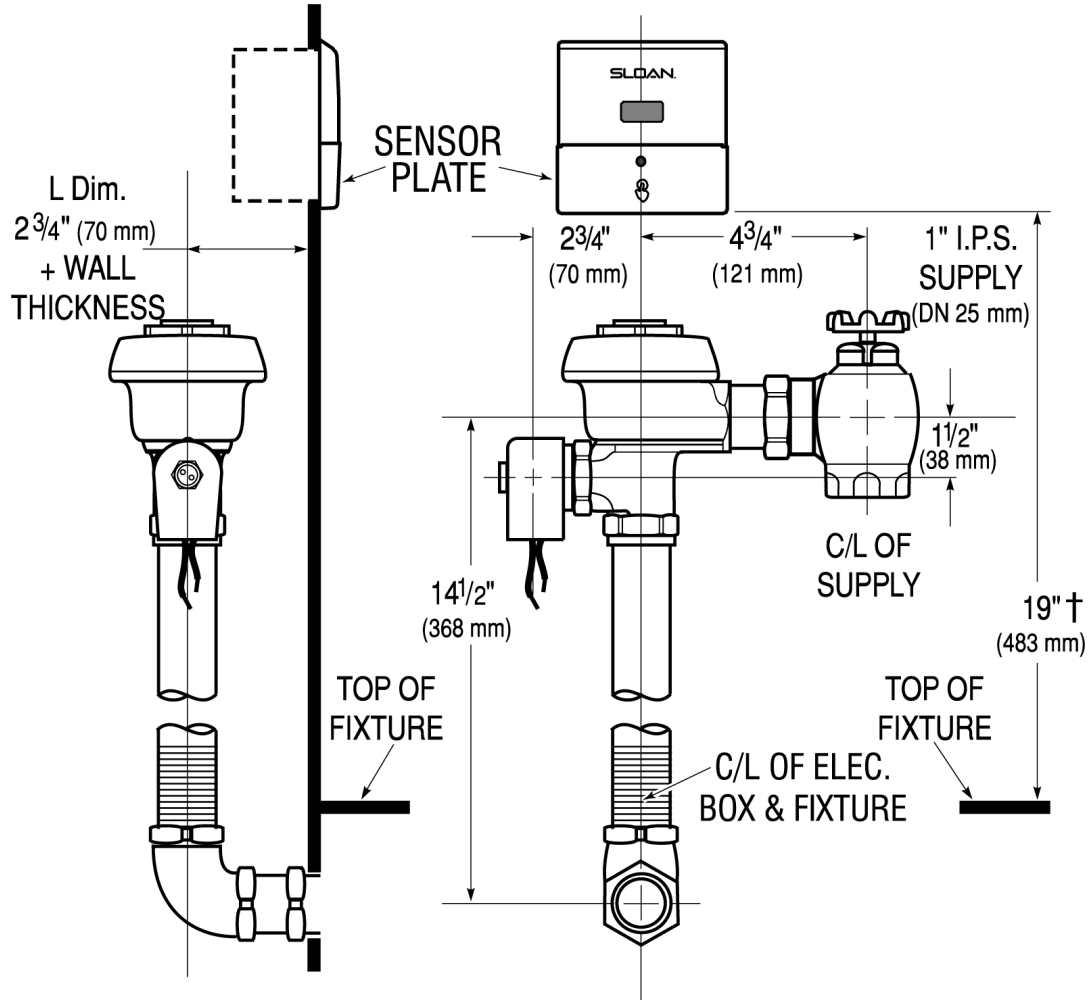All information contained within this document subject to change without notice.

Looking for other variations of the ROYAL 152 ESS 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 WaterSense compliant fixture

ROUGH-IN

L Dim.
2 3/4" (70 mm)
+ WALL THICKNESS

SENSOR PLATE

2 3/4" (70 mm) 4 3/4" (121 mm)

1" I.P.S. SUPPLY (DN 25 mm)

1 1/2" (38 mm)

C/L OF SUPPLY

14 1/2" (368 mm)

TOP OF FIXTURE

C/L OF ELEC. BOX & FIXTURE

19"† (483 mm)

TOP OF FIXTURE