



Royal® Sensor Flushometer

ROYAL 195 ESS TMO SBX-0.5-RB-TMO-24V

Product description

0.5 gpf, Dual-Filtered Bypass, Rough Brass Finish, 0.75" Flush Connection, Single Flush, 0.75" Inlet, 3/4" Control Stop, 2"-10.75" L Dimension, True Mechanical Override, Hardwired, Infrared, 10.5" Vacuum Breaker, 24V, Royal® Concealed Sensor Hardwired Urinal Hydraulic Flushometer.

Compliances & Certifications



(ADA Compliant*, ASSE 1001, BAA Compliant, BREEAM Water Credit, Green Globes Water, IAPMO, LEED Water, Satisfies LEED Credits, UL Certified (US), cUPC Certified, EPA WaterSense Listed)

Code 34532002

Finish



Downloads

- [Royal 152_195 ESS TMO SBX Installation Instructions.pdf](#)
- [Retrofits Brochure.pdf](#)
- [Additional Downloads](#)

Videos

- [ESS Flushometer](#)

Details

- Flush Volume: 0.5 gpf (1.9 lpf)
- Finish: Rough Brass (RB)
- Power Type: Hardwired (HW)
- Valve: Diaphragm
- Bypass: Dual-Filtered Bypass
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- L Dimension: 2"-10.75" (51-273mm)
- Override: True Mechanical (TMO)
- Control Stop: 3/4"
- Vacuum Breaker: 10.5"
- Flush Connection: 0.75" (19mm)
- Voltage: 24V (24V)

Features

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

- Arming Delay: 8 seconds
- Control Circuit:
 - 24 VAC Input
 - 24 VAC Output
- Sensor Range: 15"-30" (381 - 762mm)
- Self-Adaptive Window: ±8"
- Solenoid Operator: 24 VAC
- Transformers (Specify Separately):
 - EL-154/0345154
 - EL-342/0345999

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.

*Compliant with ADA accessibility requirements when installed according to ADA standards.

WaterSense compliant when used with a 0.5 gpf (1.9 lpf)

WaterSense fixture.

Looking for other variations of the ROYAL 195 ESS TMO SBX product? [View the general spec sheet with all options.](#)

[Find a compatible urinal](#) for this flushometer.

[Find a compatible water closet](#) for this flushometer.

