



Royal® Sensor Flushometer

ROYAL 195 ESS TMO SBX-0.25-RB-TMO-24V

Product description

0.25 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 34532003

Finish



Rough Brass (RB)

Downloads

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

Videos

- [ESS Flushometer](#)

Details

- Flush Volume: 0.25 gpf (0.9 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 0.25 gpf (0.9 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.

