



## G2 Sensor Flushometer

G2 8186-1.0-CP

### Product description

1.0 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Battery, G2 Exposed Sensor Urinal Flushometer.

### Compliances & Certifications



(ADA Compliant, BAA Compliant, BABAA Compliant, cUPC Certified, IAPMO)

Code 3250401

### Finish

 Polished Chrome (CP)

### Downloads

- [G2 and ECOS Single Flush Optima Plus Valve Installation Instructions duplicate.pdf](#)
- [G2 Repair and Maintenance Guide.pdf](#)
- [Control Stop Repair and Maintenance Guide.pdf](#)
- [Additional Downloads](#)

### Videos

- [PVD Special Finishes](#)

## Details

- Flush Volume: 1.0 gpf (3.8 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Battery
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 0.75" (19mm)
- Supply Pipe: 0.75" (19mm)

## Features

- ADA-compliant flushometer automatically operates by means of an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection
- Fixed metering bypass and no external volume adjustment to ensure water conservation
- Adjustable tailpiece to accommodate different height requirements
- High copper, low zinc brass castings for dezincification resistance
- Available in 0.5 gpf/1.9 Lpf, low consumption (1.0 gpf/3.8 Lpf), water saver (1.5 gpf/5.7 Lpf), and conventional (3.5 gpf/13.2 Lpf) models
- 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

### Valve Operating Pressure (Flowing)

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

## Battery Specifications

Usage	4- AA Battery Service* Life			
	14.5 yrs	12 yrs	7.2 yrs	6 yrs
per month	500	1,000	3,000	4,000
per day	25	50	150	200

\* Service life varies according to actual usage & restroom conditions  
 Battery shelf life: Alkaline= ~10 years - Lithium= ~25 years

## Warranty

[View Warranty Information](#)

## Notes

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

Looking for other variations of the G2 8186 product? [View the general spec sheet with all options.](#)

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

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

