

G2 OPTIMA
plus®

SLOAN®

*The World's Most
Advanced Electronic
Plumbing Company
Introduces the
World's Most
Advanced Electronic
Flushometer*





Presenting the Sloan G2 Optima Plus® Battery-Powered Flushometer – the World’s Most Advanced Electronic Flushometer

Integrated Design with Accurate Electronic Performance

G2 Optima Plus® defines technology, from its innovative electronic circuitry to its stylish high-tech appearance. Whether it’s high humidity, high activity, or low water quality, the G2 Optima Plus Flushometer has been engineered to perform.

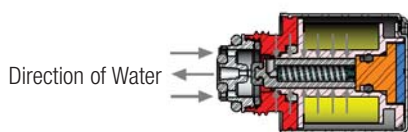
- G2’s exclusive Latching Solenoid Operator provides superior performance in the most extreme water conditions.
- Eliminates detection errors caused by lighting conditions and reflective surfaces such as mirrors or stainless steel stalls.

- Eliminates field adjustments – saving the installer’s time.
- 24-hour “sentinel” automatic flush for improved hygiene.
- NEMA 6 compliant against moisture for unequalled reliability and performance.
- Gold-plated battery contacts for consistent electronic connections.

G2’s Latching Solenoid Operator

One of the features of the G2 Optima Plus® is its patented Latching Solenoid Operator.

The field-replaceable Latching Solenoid Operator allows for reliable, consistent operation regardless of water quality. Once G2 is installed, you are assured of consistent, uninterrupted performance to the maximum battery life.



The Latching Solenoid Operator is field replaceable, and is designed to keep energy levels on the valve constant, regardless of battery voltage, ensuring consistent, reliable operation.

The Cover

The G2 Optima Plus cover is 360° of solid metal construction, accentuated by an engineered plastic optical face. There is no need to shut off the water supply to change batteries or service the module. G2’s cover removes simply by unfastening two screws.

Automatic “fit” to assure proper placement with control module.

The “Technology” Flushometer for ANY Installation

The G2 Optima Plus is shipped dormant, with batteries installed. When it arrives, simply install it and activate. It’s that simple.

For outstanding performance in your restroom, write your specifications (see back page) around the features of Sloan’s G2 Optima Plus.

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G2 Optima Plus® Specifications

Complete Valve

Battery Powered, Sensor Operated Flushometer Valve – G2 Optima Plus

Diaphragm Type, Chrome Plated, Brass, 6 Volt DC Battery Powered, Sensor-Operated Exposed Flushometer Valve. The valve shall have a latching solenoid operator. The valve shall incorporate Flex Tube-style (static seal) diaphragm assembly with a Dual Filtered Fixed By-Pass for flush discharge accuracy. The valve shall have no external volume adjustment, and shall be non-hold open. The valve shall have a skirted High Back Pressure Vacuum Breaker with Bottom Hex Coupling Nut, tapered Bak-Chek® Control Stop with free spinning Vandal Resistant Stop Cap, and Sweat Solder Adapter Kit with Cast Set Screw Wall Flange. Sensor shall be located on centerline of fixture, and shall incorporate multiple-focused, lobular sensing fields for high and low target detection.

Retrofit Valve

Battery Powered, Sensor Operated Retrofit Flushometer Valve – G2 RESS Optima Plus

Diaphragm Type, 6 Volt DC Battery Powered, Sensor-Operated Exposed Flushometer Valve for installation on existing Flushometer. The module shall have a latching solenoid operator. Module shall incorporate Flex Tube-style (static seal) diaphragm assembly with Dual Filtered Fixed By-Pass for flush discharge accuracy. The valve will have no external volume adjustment, and shall be non-hold open. The sensor shall be located on centerline of fixture, and shall incorporate multiple-focused, lobular sensing fields for high and low target detection. Batteries will be factory installed, and shall

Batteries will be factory installed, and shall be rated for 3 years of life (based on 4,000 uses a month). The sensor module shall be in compliance with the requirements for a NEMA 6 Enclosure. The valve cover shall allow for sensor range adjustment and battery replacement without turning off water supply. The valve shall have all operating components completely within metal cover with replaceable lens window. Diaphragm, Stop Seal, and Vacuum Breaker will be molded from Permex® rubber compound for chloramines resistance. The Valve Body, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass and have a copper content of at least 80%. The valve will be in compliance with the applicable requirements of ASSE 1037, ANSI/ASME 112.19.2 and Military Specification V-29193 Standards.

be rated for 3 years of life (based on 4,000 uses a month). The sensor module shall be in compliance with the requirements for a NEMA 6 Enclosure. Module cover shall allow for sensor range adjustment and battery replacement without turning off water supply. Module shall have all operating components completely within metal cover with replaceable lens window. Diaphragm will be molded from Permex® rubber compound for chloramines resistance. The module will be in compliance with the applicable requirements of ASSE 1037, ANSI/ASME 112.19.2 and Military Specification V-29193 Standards.

For more information on the G2 or any Sloan product, contact:

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