

► Code Number

3325443

► Description

Battery Powered, Sensor Operated G2® Model Retrofit Conversion Kit for Exposed Closet Flushometers.

► Flush Cycle

1.6 gpf/6.0Lpf

3.5 gpf/13.2 lpf

The RESS-C is furnished with two Flush Regulators.

Change Regulator to convert to a 3.5 gpf/13.2 Lpf flush.

Specifications

Quiet, Exposed, OPTIMA Plus®, Battery Powered, Sensor Operated Closet Flushometer Retrofit Conversion Kit for Sloan Royal®, Sloan® and Regal® Flushometers with the following features:

- Initial Set-up Range Indicator Light (first 10 minutes)
- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- Installation Tools provided
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- Chrome Plated Metal Handle Cap
- Diaphragm to be molded from PERMEX™ Rubber Compound for Chloramine resistance
- ADA Compliant Battery Powered Infrared Sensor for automatic "Hands-free" operation
- Courtesy Flush® Override Button
- Four (4) Size AA Batteries included

Variations

- Less Sentinel Flush

Accessories (Sold Separately)

- See Accessories Section and OPTIMA® Accessories Section of the Sloan catalog for details on these and other OPTIMA® Flushometer variations.



Automatic Operation

- Sloan G2 Optima Plus Flushometers activate via multi-lobular sensor detection to provide the ultimate in sanitary protection and automatic operation. A battery powered infrared sensor sets the flushing mechanism after the user is detected and completes the flush when the user steps away.

Functional & Hygienic

- Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The Optima Plus® Flushometer is provided with an Override Button to allow a "courtesy flush" for individual user comfort.

Economical

- Sloan installed batteries speed installation and provide years of metered flushing to control the use of water and energy. Batteries can be changed without turning off the water.

► Compliance & Certifications



This space for Architect/Engineer Approval

Control Circuit

- Solid State
- 6 VDC Input
- 8 Second Arming Delay
- 3 Second Flush Delay

Sensor Type

- Active Infrared

Sensor Range

- Nominal 22" - 42" (559 mm - 1067 mm) Self-adaptive Window: ± 10" (254 mm)

Battery Type

- (4) AA Alkaline

Battery Life

- 6 Years @ 4,000 flushes/month

Indicator Lights

- Range Adjustment

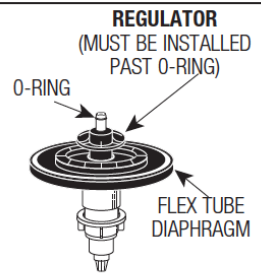
Operating Pressure

- 15 - 100 psi (104 - 689 kPa)

► G2 Optima Plus Flush Volume For RESS-C Retrofit Models

Reference Chart

Fixture & Flush	Regulator Color
1.28 gpf (4.8 Lpf)	Closet Green
1.6 gpf (6.0 Lpf)	Closet Green
3.5 gpf (13.2 Lpf)	Closet White
4.5 gpf (17.0 Lpf)	Closet White
2.4 gpf (9.0 Lpf)	Closet Blue



Notes: For a 4.5 gpf (17.0 Lpf) Water Closet flush, use the EBV-1020-A kit with the White Regulator. Cut and remove the A-164 Flow Ring from the Guide.

RESS-C G2 Optima Plus valves are supplied with multiple Regulators to address multiple flushing applications. The product is shipped with it's lowest flush volume configuration. To convert the flush to a higher flushing volume, simply change the Regulator.

When installing a new Regulator on a Flex Tube Diaphragm Kit, be sure to push the Regulator past the O-ring when installing.

Note: Never use more water than needed. Low Consumption water closets and urinals will not function properly on excess



1. A continuous, invisible light beam is emitted from the OPTIMA Plus Sensor.



2. As the user enters the beam's effective range (22" to 42") the beam is reflected into the OPTIMA Plus Scanner Window and transformed into a low voltage electrical circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the Sensor.



3. When the user steps away from the OPTIMA Plus® Sensor, the circuit waits 3 seconds (to prevent false flushing) then initiates an electrical signal that operates the Solenoid. This initiates the flushing cycle to flush the fixture. The Circuit then automatically resets and is ready for the next user.

► ROUGH-IN

When installing the G2 Optima Plus in a handicap stall: Per the ADA Guidelines (section 604.9.4) it is recommended that the grab bars be split or shifted to the wide side of the stall

