

► Code Number

3325404

► Description

Battery Powered, Sensor Operated G2® Model Retrofit Conversion Kit for Exposed Closet Flushometers that includes a Valve Body with an Adjustable Ground Joint Tailpiece Connection. Designed to replace Coyne and Delany valves without replacing supply stop and vacuum breaker.

► Flush Cycle

The RESS-C is furnished with two Flush Regulators.

The product is shipped with the 1.6 gpf/6.0 Lpf Regulator installed.

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

- 3.5 gpf/13.2 lpf

► SPECIFICATIONS

Specifications

Quiet, Exposed, OPTIMA Plus®, Battery Powered, Sensor Operated Closet Flushometer Retrofit Conversion Kit for Adjustable Ground Joint Tailpiece Connection with the following features:

- Initial Set-up Range Indicator Light (first 10 minutes)
- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Infrared Sensor Range Adjustment Screw
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- Valve Body with a Ground Joint Tailpiece
- 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
- Flush accuracy controlled by CID® technology

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.

- Four (4) Size AA Batteries included

Special Finishes

Brushed Stainless (PVD finish)

Brushed Nickel (PVD Finish)

Polished Brass (PVD Finish)

Accessories (Sold Separately)

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

► ELECTRICAL SPECIFICATIONS

Control Circuit



► FEATURES

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



RESS-XD-C shown installed on an existing Ground Joint Sloan Flushometer

RESS-XD-C units include a Flushometer Body with an Adjustable Ground Joint Tailpiece. Supply Stop and Vacuum Breaker are NOT supplied.

This space for Architect/Engineer Approval

- 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)

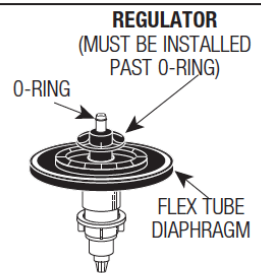
Sentinel Flush

- Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

► 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.

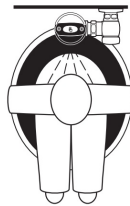
When installing a new Regulator on a Flex Tube Diaphragm Kit, be sure to push the Regulator past the O-ring when installing.

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

► OPERATION



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



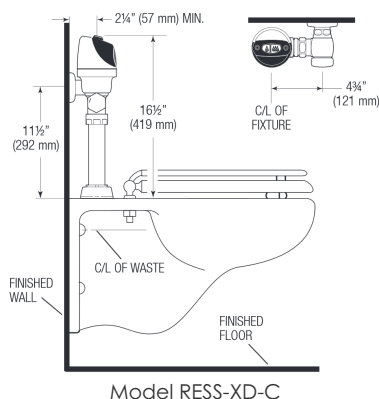
2. As the user enters the beam's effective range (22" to 42") the beam is reflected into the OPTIMA Plus Scanner Window and transformed into a low voltage electrical circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the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



Model RESS-XD-C

