

► Code Number

3325423

► Description

- Battery Powered, Sensor Operated G2® Model Retrofit Conversion Kit for Exposed Urinal Flushometers that incorporates a Valve Body with a Tailpiece Connection for Cambridge Brass Teck Valve Control Stop.

► Flush Cycle

3.5 gpf/13.2 lpf

Specifications

- Initial Set-up Range Indicator Light (first 10 minutes)
- "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
- 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

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

Solid State

6 VDC Input

8 Second Arming Delay

24 Hour Sentinel Flush

Sensor Type

Active Infrared

Sensor Range

Nominal 15"-30" (381 mm-762 mm), adjustable $\pm 8"$ (203 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)



► 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-XDT-U shown installed in place of an existing Cambridge Brass Teck flush valve.

RESS-XDT-U units include a Flushometer Valve Body with a Tailpiece Connection for Cambridge Brass Teck Valve Supply Stop and a Vacuum Breaker. Supply Stop is NOT supplied.

This space for Architect/Engineer Approval

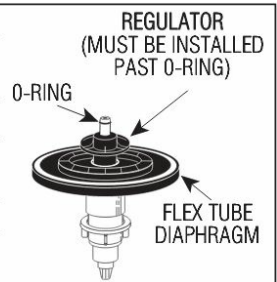
Sentinel Flush

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-U Retrofit Models

Reference Chart

Fixture & Flush	Regulator Color
0.5 gpf (1.9 Lpf) Urinal	Green
1.0 gpf (3.8 Lpf) Urinal	Green
1.5 gpf (5.7 Lpf) Urinal	Black
3.5 gpf (13.2 Lpf) Urinal	White



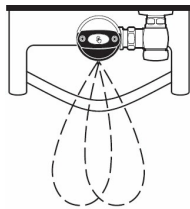
Notes: A 0.5 gpf (1.9 Lpf) Urinal kit can be converted to a 1.0 gpf (3.8 Lpf) by cutting and removing the smooth A-164 Flow Ring from the Guide.

RESS-U 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.

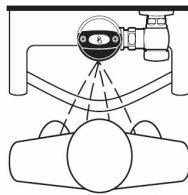
When installing a new Regulator on a Flex Tube Diaphragm Kit, be sure to push the Regulator past the O-ring when installing.

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

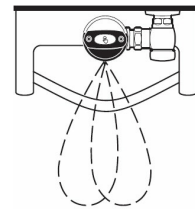
► OPERATION



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



2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the 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 Sensor, the Sensor 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

Note: Lens Deflector no longer needed for targeting children or wheel chair users.

