

OPTIMA Plus® Sensor Activated HET Flushometer and HET Water Closet WETS-2022.1420 Sloan 111- 1.6/1.1 DFMS

► Code Number

20221420

► Description

Exposed, battery-powered, sensor-activated, water closet flushometer with a dual- flush side mount unit for top spud floor mounted or wall hung bowls.

► Flush Cycle

1.6 / 1.1 gpf - 6.0 Lpf / 4.2 Lpf

► Flushometer Specification

Quiet, exposed, diaphragm type, chrome plated closet Flushometer for either left or right hand supply and vitreous china wall hung water closet with the following features:

- High Chloramine Resistant PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action™
- Can be Mounted on either the Left or Right Side of Valve
- Non-Hold-Open True Mechanical Override Full Flush/Dual Flush Buttons
- If the user is present for less than one minute and leaves the sensing zone or chooses the small GREEN override button, a reduced flush initiates (1.1 gpf/4.2 Lpf) eliminating liquid and paper waste, saving 1/2 gallon of water
- If the user is present for greater than one minute and leaves the zone or chooses the large BLACK override button, the full flush initiates (1.6 gpf/6.0 Lpf) eliminating solid waste and paper
- Reduces water volume by up to 30% when a reduced flush occurs
- Four (4) Size C alkaline Batteries included: Duracell® with DURALOCK Power Preserve Technology™-guaranteed for up to 10 years in storage
- "Low Battery" flashing LED
- "User in View" flashing LED
- Infrared Sensor Range Adjustment Screw and Reset Button
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap
- Spud Coupling and Flange for 1-1/2" Top Spud
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- Flush Accuracy Controlled by CID Technology
- Fixed Metering Bypass and no external volume adjustment to ensure water conservation
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine Resistance

Valve Body, 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, ASME 112.18, ASME 112.19, ANSI 117.1. Installation conforms to ADA requirements.

► Recommended Seats

Bemis - 1955CT/1955SSCT & 2155CT/2155SSCT

Church - 295CT/295SSCT & 2155CT/2155SSCT



► Fixture Specification

ADA Compliant Floor Mounted Vitreous China Elongated Bowl

2" fully glazed trapway diameter

Dual Siphon Jet Flush

Closet bolts and caps included

Integral flushing rim

Seat not included:

Complies to the applicable sections of: ANSI/ASME A112.19.2 and CSA B45.1

1-1/2" I.P.S. top spud inlet

100% factory flush tested

► Compliance & Certifications



This space for Architect/Engineer Approval

OPTIMA Plus® Sensor Activated HET Flushometer and HET Water Closet WETS-2022.1420 Sloan 111- 1.6/1.1 DFMS

► Indicator Lights

User in View

► Sensor Range

Nominal 22" – 42" (559mm – 1067mm)

► Sensor Type

Infrared Convergence Type Object Lock Detection

► Control Circuit

Solid State

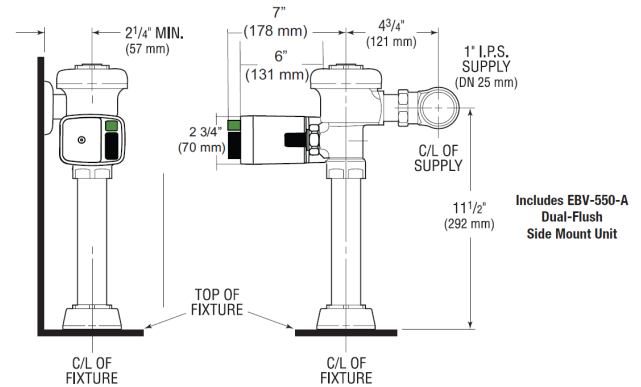
72 Hour Sentinel Flush

3 Second Flush Delay

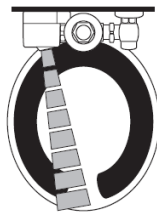
6 VAC Input

► Battery Life

3 Years @ 4,000 flushes/month



1. A continuous, invisible light beam is emitted from the object lock infrared sensor.



2. As the user enters the beam's effective range, 22" - 42" (559 mm-1067 mm), the beam is reflected into the scanner window to activate the output 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. If the user stays less than 60 seconds, a reduced flush will automatically initiate when the user leaves.



3. When the user steps away from the infrared sensor, the circuit initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.

