# OPTIMA Plus® Systems Battery Powered HET Flushometer and HET Water Closet
# WETS 2000.1402-1.28 SMO

## ▶ Code Number
20001402

## ▶ Specifications
Quiet, exposed, diaphragm type, chrome plated HET Flushometer for either left or right hand supply and HET vitreous china fixture with the following features:

## ▶ Flush Cycle
1.28 gpf/4.8 Lpf

## ▶ Fixture Specifications
- Integral flushing rim
- Compatible with toilet seat models:
- Church Commercial 295CT
- Olsonite 10CT, Bemis 1955CT, Bemis 2155CT &
- Floor mounted vitreous china
- Toilet seat not included
- Closet bolts and caps included
- Elongated bowl with siphon jet flush
- 1 ½" I.P.S. top spud inlet
- 2 1/8" fully glazed trapway diameter
- 100% factory flush tested
- Water closet compliant to the applicable sections of ASME A112.19.2/CSA B45.1

## ▶ Control Circuit
Solid state, 6 VDC input

## ▶ Sensor Type
Infrared Convergence Type Object Lock Detection

## ▶ Sensor Range
Nominal 8" – 54" (203 mm – 1372 mm), Factory set at 24" (610 mm)

## ▶ Indicator Lights
User in View

## ▶ Battery Type
(4) C Alkaline

## ▶ Battery Life
6 Years @ 4,000 flushes/month

## ▶ Flushometer and OPTIMA Plus® SMO Unit
- PERMEX® Plus Synthetic Rubber Diaphragm with Dual Filter Bypass
- ADA compliant Sloan Battery powered infrared Sensor for automatic "no Hands" operation
- Infrared Sensor with Multiple-focused,Lobular Sensing fields for high and low target detection
- Four (4) Size AA Battery power source factory installed
- "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
- Free spinning, Vandal Resistant Stop Cap

## ▶ Automatic
Sloan® equipped Flushometers provide the ultimate in sanitary protection and automatic operation. There is no need for AC hookups or wall alterations. The Flushometer operates by means of an infrared sensor. Once the user enters the sensor's effective range and then steps away, the Side Mount Operator initiates the flushing cycle to flush the fixture.

## ▶ Economical
Automatic operation and a very low flush volume provides water savings over other flushing devices. Reduces maintenance and operation costs. Installation and battery replacement does not require turning off water to the valve.

## ▶ Hygienic
User makes no physical contact with the Flushometer surface except to initiate the Override Button when required. Helps control the spread of infectious diseases . 24-Hour Sentinel Flush keeps fixture fresh during periods of nonuse.

## ▶ Compliance & Certifications
GREEN

This space for Architect/Engineer Approval

## ▶ OPERATION

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- Spud Coupling and Flange for 1-1/2" Top Spud
- High copper, low zinc brass castings for dezincification resistance
- No external volume adjustment to ensure water conservation
- Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for chloramine resistance
- Adjustable Tailpiece
- Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance to the applicable sections of ASSE 1037.
- High back pressure vacuum breaker flush connection w/one-piece bottom hex coupling nut
- Sweat solder adapter w/cover tube and cast wall flange w/set screw

## ▶ Valve Operating Pressure (Flowing)

15 - 100 psi (104 - 689 kPa)

## ▶ Plumbing System Requirements

Maximum Static Pressure: 80 PSI

Minimum Flow Rate: 25 GPM

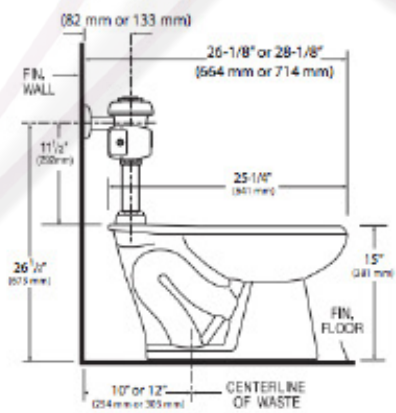
Minimum Flowing Pressure: 25 PSI

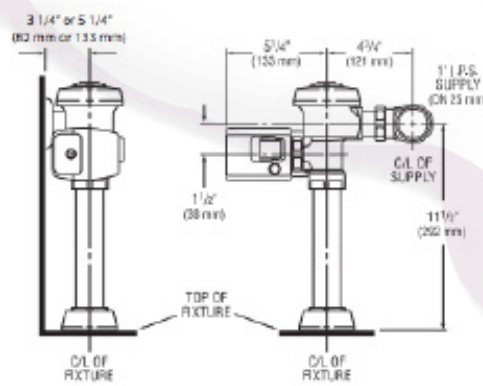
1. A continuous, invisible light beam is emitted from the Object Lock Infrared Sensor.

2. As the user enters the beam's effective range, 8" to 54" (203 mm – 1372 mm), the Object Lock Infrared Sensor senses the user.

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

## ▶ ROUGH-IN





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