

► Code Number

3780055

► Description

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

► Flush Cycle

Sloan 111-1.6/1.1 DFMS Full Flush Large Black Button (1.6 gpf/6.0 Lpf)
Reduced Flush Small Green Button (1.1 gpf/4.2 Lpf)

► Specifications

- Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer with the following features:
- Trap Primer
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- Chrome Plated Infrared Sensor Housing
- 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†
- "User in View" Flashing LED
- No External Volume Adjustment to Ensure Water Conservation
- ADA Compliant AC-powered infrared side mount sensor for automatic "No Hands" operation
- Can be Mounted on either the Left or Right Side of Valve
- 72-Hour Sentinel Flush
- Infrared Sensor Range Adjustment Screw and Reset Button
- Sweat Solder Adapter w/Cover Tube and Cast Wall Flange with Set Screw
- Non-Hold-Open True Mechanical Override Full Flush/Dual-Flush buttons
- Spud Coupling and Flange for 1 1/2" Top Spud
- Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Red Brass. Valve shall be in compliance to the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.
- PERMEX® Synthetic Rubber Diaphragm with Linear Filtered Bypass and Vortex Cleansing Action

► Accessories (specify separately)

- ☐ 120 VAC Input/6 VAC Output, 50/60 Hz (3 VA) Plug-In (will operate 1 unit)
- ☐ 120 VAC Input/6 VAC Output, 50/60 Hz (25 VA) Box Mount (will operate up to 6 units)

► Fixtures

Consult factory for matching Sloan brand fixture options.

► ELECTRICAL SPECIFICATIONS

Sensor Type



Side Mount units do NOT include the flushometer

► Smart Sense Technology™

Sloan® DFMS flushometers are equipped with Smart Sense Technology™, which applies extended range and logic techniques to significantly reduce water usage. The DFMS flushometer automatically delivers a reduced flush when users are present less than 60 seconds. Please contact Sloan for specific details.

► Automatic Operation

Sloan's DFMS flushometers are activated via multi-lobular infrared sensor. By detecting user presence and duration, the DFMS unit will determine the proper flush volume for unequalled water efficiency.

► Manual Operation

Sloan's electronic dual-flush side mount (DFMS) flushometers incorporate intuitive split-button design for easy manual activation. Assuming a 1.6 gpf (6.0 Lpf) diaphragm kit, the small GREEN button controls the reduced flush cycle (1.1 gpf/4.2 Lpf), the large BLACK button controls the full flush cycle (1.6 gpf/6.0 Lpf). Straightforward graphics alert user to proper activation. Reduced flush for liquid waste, full flush for solid waste.

► Hygienic

Touchless, sensor activation eliminates the need for user contact to help control the spread of infectious diseases. The Sloan DFMS Electronic Retrofit Units are provided with Reduced or Full Flush Override Buttons to allow a "courtesy flush" for individual user comfort. The 72-Hour Sentinel Flush keeps fixture fresh during periods of nonuse.

► Compliance & Certifications



This space for Architect/Engineer Approval

Infrared Convergence Type Object Lock Detection

Control Circuit

Solid State

72 Hour Sentinel Flush

6 VAC/7.6 VDC Input

Closet Range: 2-3 Second Arming Delay

Sensor Range

Factory Set at 22" - 42" (559 mm-1067 mm)

Transformers

Sloan Part #EL-451 (Box Mount) 120 VAC, 50/60 Hz Primary 6 VAC, 50/60 Hz Secondary Class II, 25 VA.

Sloan Part #EL-386 (Plug-in) 120 VAC, 50/60 Hz Primary 6 VAC, 50/60 Hz Secondary Class II, 3 VA.

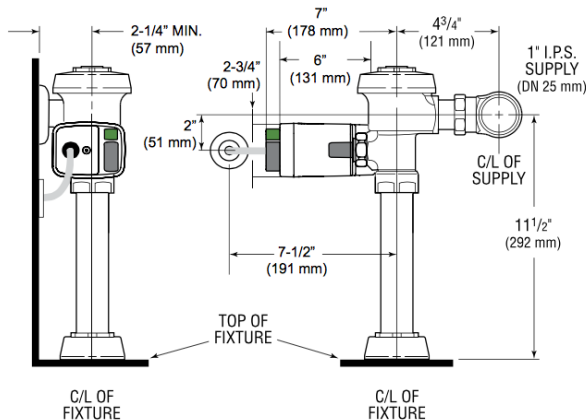
Indicator Lights

User in View

Valve Operating Pressure (Flowing)

25-80 psi (172-552 kPa)

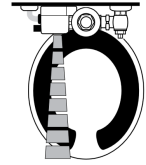
► ROUGH-IN



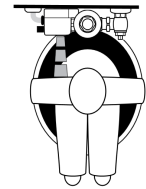
EL-750-A Dual-Flush Side Mount Hardwired unit shown on an existing Sloan 111 closet flushometer

► OPERATION

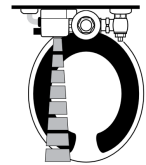
1. A continuous, invisible light beam is emitted from the object infrared sensor.



2. As the user enters the beams effective range, 22-42" (559-1067 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.



► SIDE MOUNT COMPONENTS

