

ELG-100

► **Description**

In-the-wall Mounted, Battery Powered, Sensor Activated Flush Valve for Wash-down Urinals.

► **Model**

ELG-100

► **Flush Cycle**

Factory set:

6 seconds — 2.0 Lpf/0.5 gpf †

† (Measured @ 165 kPa/24 psi)

Adjustable from 1 to 15 seconds

► **Specifications**

In-Wall, Battery Powered, Sensor Activated Flush Valve with the following features:

- Active Infrared Sensor
- Latching Solenoid Operator
- Fully enclosed Housing protects Valve and Electronics
- Aesthetically contoured matte and polished chrome Two-piece Wall Plate with no visible fasteners
- Front Panel access for easy maintenance
- Infrared Sensor Range Adjustment Screw
- Filtered Solenoid Valve with serviceable Strainer Filter
- Integral Ball Valve shut-off
- ½" Straight Pipe Connection Inlet/Outlet
- Four (4) Size AA Batteries included
- "Low Battery" Flashing LED
- Selectable 1 second Pre-flush (field set)
- Selectable 24 Hour Sentinel Flush (field set)

Available with the following options:

- Courtesy Flush™ Override Button
- 6 VAC Transformer for hard wire installation — One ELG-220 or ELG-110 transformer can serve up to twenty (20) ELG-100 flush valves. Specify number of transformers required accordingly.
(Batteries act as backup when using optional transformer)
- Cam Lock and Key to secure Wall Plate to frame

► **Variations**

- OR** Override Push Button
- LK** Cam Lock and Key

► **Special Finishes**

- SF** Satin Chrome

Consult Factory for Other Finish Variations.

► **Accessories**

- ELG-220** Transformer (220 VAC/6 VAC)
- ELG-110** Transformer (110 VAC/6 VAC)
- ELG-64** Top Spud Flush Connections



ELG-100
In-wall Electronic Sensor
Flush Valve for
Wash-down Urinals

► **Automatic**

Sloan OPTIMA equipped Urinals provide the ultimate in sanitary protection and automatic operation. There are no handles to trip or buttons to push. The Urinal operates by means of an infrared sensor. Once the user enters the sensor's effective range and then steps away, the Solenoid initiates the flushing cycle to flush the fixture.

► **Hygienic**

User makes no physical contact with the valve surface. Helps control the spread of infectious diseases. Field selectable Twenty-four Hour Sentinel Flush keeps fixture fresh during periods of nonuse.

► **Economical**

Automatic operation provides water usage savings over other flushing devices. Reduces maintenance and operation costs.

► **Practical**

Solid state electronic circuitry assures years of dependable, trouble-free operation.

► **Warranty**

3 year (limited)

This space for Architect/Engineer approval	
Job Name _____	Date _____
Model Specified _____	Quantity _____
Variations Specified _____	
Customer/Wholesaler _____	
Contractor _____	
Architect _____	

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- ▶ **Model**
□ ELG-100

OPERATING SPECIFICATIONS

- ▶ **Control Circuit**
6 VDC — operates on four (4) alkaline AA-size batteries.
Pre-flush (field set)
24 Hour Sentinel Flush (field set)
- ▶ **OPTIMA Sensor Type**
Active Infrared
- ▶ **OPTIMA Sensor Range**
Nominal 203 mm - 711 mm (8" - 28"), adjustable \pm 254 mm (10")
- ▶ **Solenoid Valve**
6 VDC with Integral Strainer Filter & 1/2" Straight Pipe Connection Inlet/Outlet.
- ▶ **Battery Life**
2 years at 4,000 cycles/month
- ▶ **Indicator Lights**
Range Adjustment/Low Battery
- ▶ **Operating Pressure Range**
21 - 862 kPa (3 - 125 psi) (0.2 - 8.6 Bar)
- ▶ **Flush Cycle**
Factory set: 6 seconds
Adjustable: 1 - 15 seconds
- ▶ **Flush Discharge:**
2.0 Lpf (0.5 gpf) @ 6 seconds (Measured @ 165 kPa/24 psi)
Volume adjustable by changing cycle time, pressure or flow rate
- ▶ **Pre-flush**
1 Second pre-flush after user is detected for 2 Seconds
Selectable feature — factory set in Off Position
- ▶ **Sentinel Flush**
Automatic flush Once every 24 Hours after the last flush
Selectable feature — factory set in Off Position

OPTIONS



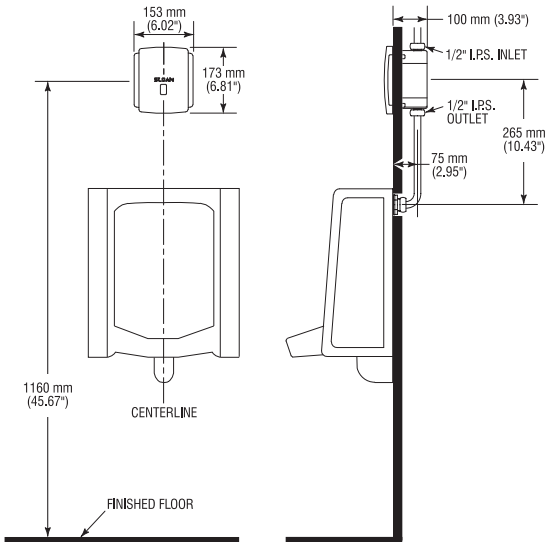
Override Button
ELG-100-OR



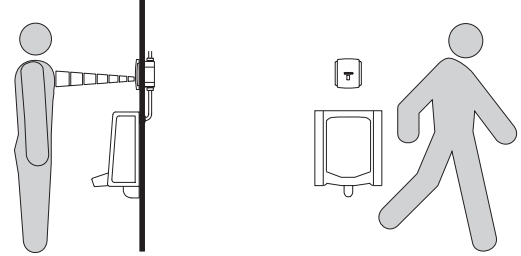
Cam Lock
ELG-100-LK

ROUGH-IN

Back Spud

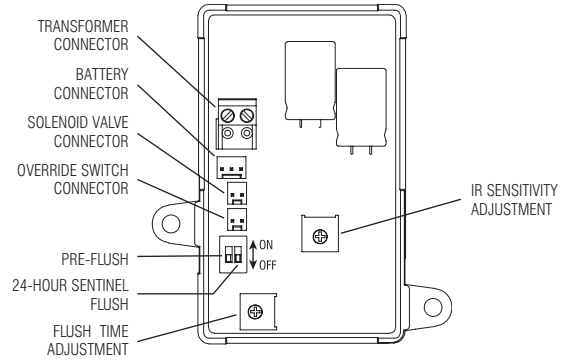


OPERATION

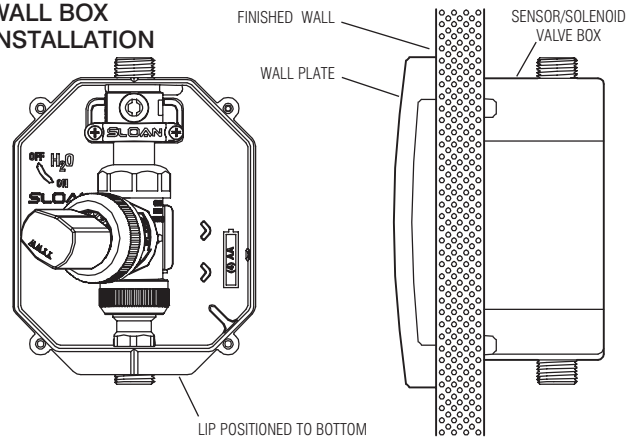


1. When a user enters the sensing range for 2 seconds, the flush valve automatically activates a 1 second pre-flush (if selected).
2. When the user steps away, the flush valve automatically activates.

CONNECTOR AND SETTING LOCATIONS (Located on Back of Sensor)

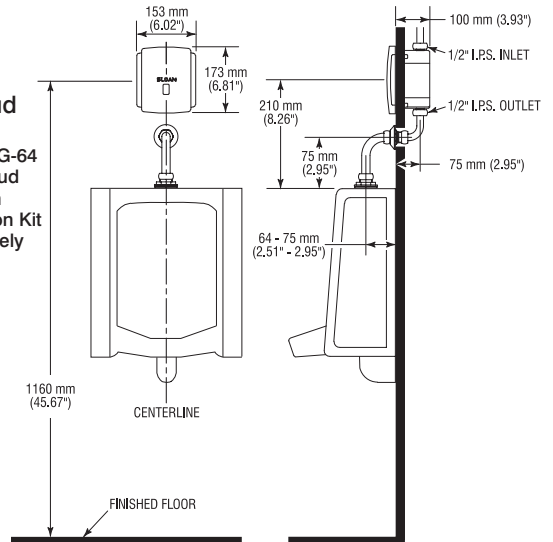


WALL BOX INSTALLATION



Top Spud

Order ELG-64 Top Spud Flush Connection Kit Separately



SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

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