

► **Code Number**

3315025

► **Description**

Battery Powered, Sensor Activated, Chrome Plated Brass, 4" Centerset Electronic Hand Washing Faucet for tempered or hot/cold water operation.

► **Flow Rates**

0.5 gpm/1.9 Lpm Vandal Resistant Spray Head

► **Specifications**

ADA Compliant, Battery Powered, Sensor Activated, Brushed Nickel, 4" Centerset Hand Washing Faucet with the following features:

Splash-proof Circuit Control Module

Low Battery LED Indicator Light

User Friendly Variable Time Out Settings

Serviceable Filtered Solenoid Valve

Bak-Chek® Tee for Hot/Cold Supply

Vandal Resistant Spray Head with Pressure Compensating Flow Control

Metal Jacketed Wire Protection for Sensor lead

Appropriate Mounting Hardware included

► **Indicator Lights**

Range Adjustment

► **Sensor Range**

Factory Set: 4" - 5" (102 mm - 127 mm)

Adjustable: 2" - 7" (51 mm - 178 mm)

► **Battery Life**

2 Years @ 8,000 Cycles / Month

► **Control Circuit**

Optional 6 VDC Plug-in Adapter.

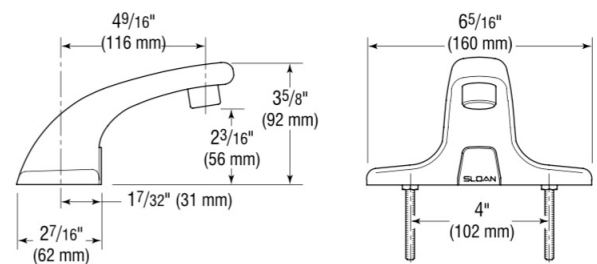
6 VDC — operates on four (4) alkaline AA-size batteries. Optional 6 VDC Plug-in Adapter.

► **Solenoid Valve**

Filtered Solenoid Valve with Serviceable Strainer Filter

► **Time Out Adjustment Settings**

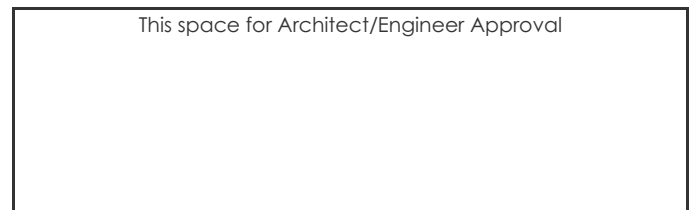
30 seconds — The Faucet Time Out Setting determines the maximum time the faucet will run upon continuous detection. The EBF-650 is Factory set at the 30 second time out. Consult factory for time out settings to meet individual application requirements.



► **Compliance & Certifications**

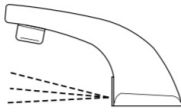
CEC Compliant

ASME A112.18.1 and CSA B125.1

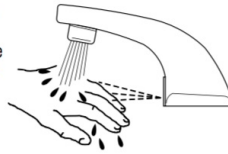


► OPERATION

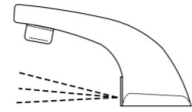
1. A continuous invisible beam of light is emitted from the OPTIMA® Sensor located at the base of the lavatory faucet.



2. As the user's hands enter the beam's effective range, the beam is reflected back into the Sensor Receiver and activates the Solenoid Valve allowing tempered water to flow from the faucet. Water will flow until the hands are removed or until the faucet reaches its automatic time out limit setting.



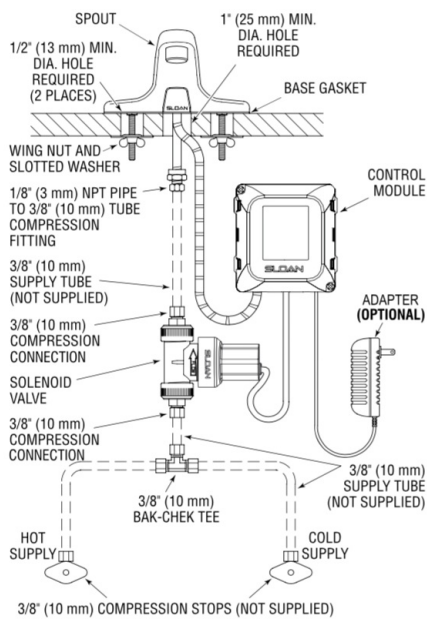
3. When hands are moved away from the OPTIMA® Sensor, the loss of reflected light initiates an electrical signal that deactivates the Solenoid Valve, shutting off the water flow. The Circuit then automatically resets and is ready for the next user.



► ROUGH-IN

EBF-650 Faucet with Bak-Chek® Tee for Hot and Cold Water Supply

EBF-650 Faucet with Bak-Chek® Tee for Hot and Cold Water Supply



EBF-650 Faucet with BDM and BDT Variation Mixing Valves for Hot and Cold Water Supply

