

#### ► Code Number

3335123

#### ► Description

Sensor Activated Electronic Hand Washing Faucet for pre-tempered or hot and cold water operation.

#### ► Flow Rate

1.0 gpm, Single Hole install, Polished Chrome.

#### ► Specifications

Sensor Activated, Electronic, Chrome Plated Die-Cast Metal, Hand Washing Faucet with the following features:

- Modular One-piece Construction with all Concealed Components above deck
- Appropriate Mounting Hardware included
- Automatic Self-adapting Sensor Technology
- Magnetic Solenoid Valve
- Water Supply Connection with Flexible High-pressure Hose and Strainer
- Double Infrared Sensors with Automatic Setup and Indicator Light
- Optional 24 Hour Sentinel Activation
- 6 Volt DC Plug-in Adapter (Included with (-P) faucets and must be ordered separately with (-LT) faucets)
- Daisy Chain Electrical Splitter Cable included with Less transformer (-LT) faucets

#### ► Variations

- ☐ ISM - Integral Side Mixer
- ☐ Plug-in Transformer
- ☐ i.q.-Click feature



#### ► The new Optima i.q. faucet — Bringing intelligence to water

Sloan's Optima i.q. EAF-100 Series electronic hand washing faucets activates by means of a dual infrared sensor and microprocessor based logic that utilize self-adapting technology to ensure superior performance. The modular design incorporates all of the operating components of the faucet, including the sensor, solenoid and circuitry above the sink within a die-cast metal spout.

ISM models feature an integral temperature control lever which allows the user to adjust the water temperature. This adjustment can also be converted to a fixed setting. EAF faucets ordered without the ISM variation must be connected to a single, pre-tempered water supply.

Optima i.q. EAF-100 series faucets are powered by a 6 VDC plug-in adapter. Each plug-in adapter can supply power for up to six (6) faucets by means of the Daisy Chain Electrical Splitter (optional) with each (-LT) faucet.

#### ► Compliance & Certifications



ASME A112.18.1-2011/CSA B125.1-11, NSF372, ICC/ANSI 117.1



This space for Architect/Engineer Approval

### ► Control Circuit

6 VDC — Includes Auto Set Range Adjustment and Low Battery Indicator LED

### ► Sensor Range

Nominal: 4" - 5" (102 mm - 127 mm)

Faucet Adaptive Self-adjustment Range: 2"-14" (51 mm -356 mm) nominal

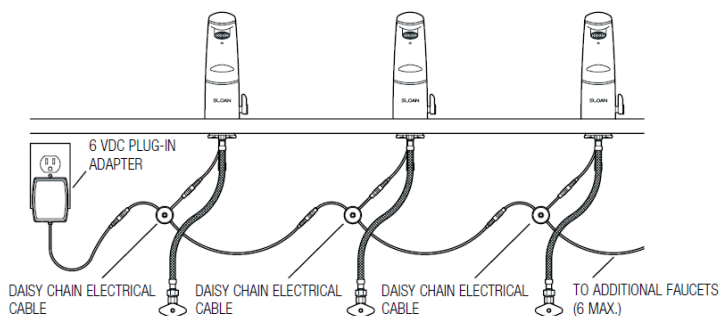
### ► Power Supply

120 VAC/6 VDC Plug-in Adapter

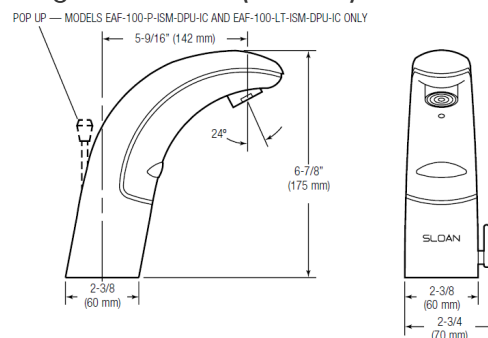
### ► Time Out Setting

2 minutes— Maximum time faucet will run upon continuous detection (except for i.q.-Click models that are otherwise set in continuous run).

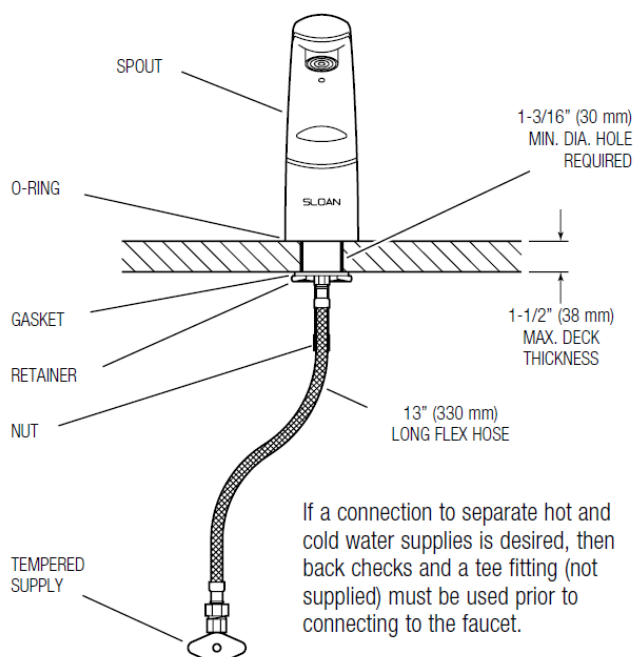
### ► ELECTRICAL CONNECTION FOR UP TO SIX (6) FAUCETS USING ONE (1) ADAPTER



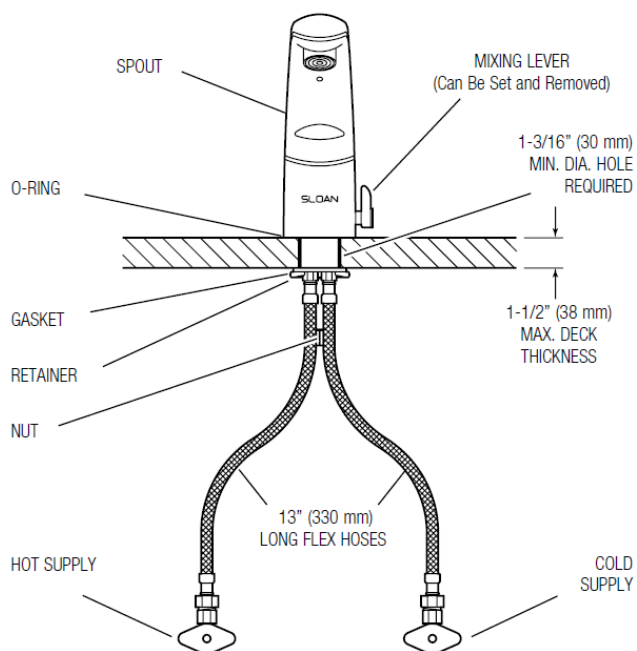
### ► Rough-in Dimensions (side view)



### EAF-100, EAF-100-LT, EAF-100-P, EAF-100-P-IC, AND EAF-100-LT-IC Faucets with Single Line Water Supply



### EAF-100-ISM, EAF-100-ISM-IC AND EAF-100-ISM-DPU-IC Faucets with Hot and Cold Water Supply





**Optima i.q.® Faucet**  
**EAF100-P-ISM CP FCT W/MIX (IQ)**  
**1.0GPM**

---