Optima i.q.® Faucet
EAF150 CP BATTERY FAUCET (IQ)

▶ Code Number
3335122

▶ Flow Rates
1.0 gpm/ 3.8 Lpm

▶ 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

Double Infrared Sensors with Automatic Setup and Indicator Light

Automatic Self-adapting Sensor Technology

Low Battery Indicator

Magnetic Solenoid Valve

Water Supply Connection with Flexible High-pressure Hose and Strainer

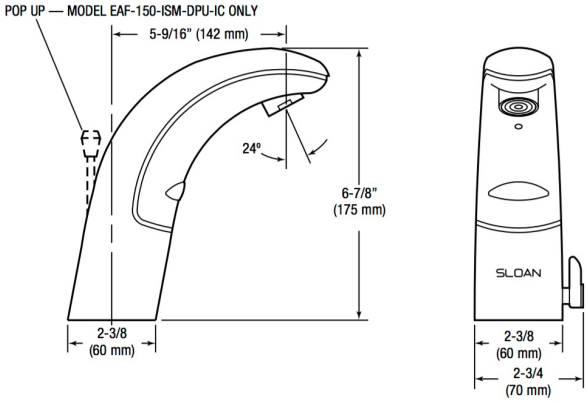
6 Volt Lithium 2CR5 Commercial Battery included

Appropriate Mounting Hardware included

Optional 24 Hour Sentinel Activation

▶ Accessories (Sold Separately)
See accessories section of the Sloan catalog for details on these and other shower head variations.





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

Sloan's Optima i.q. EAF-150 Series electronic hand washing faucets operate 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, circuitry and battery above the sink within a die-cast metal spout.

Optima i.q. EAF-150 series faucets include a 6 VDC lithium battery. Battery life is approximately three (3) years.

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

This space for Architect/Engineer Approval

▶ Sensor Range

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

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

▶ 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).

▶ Control Circuit

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

▶ Power Supply

6 VDC Lithium 2CR5 battery. Approximate 3 year life

▶ OPERATION



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 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.

▶ i.q.-Click FEATURE

***i.q.*-Click SETTINGS**

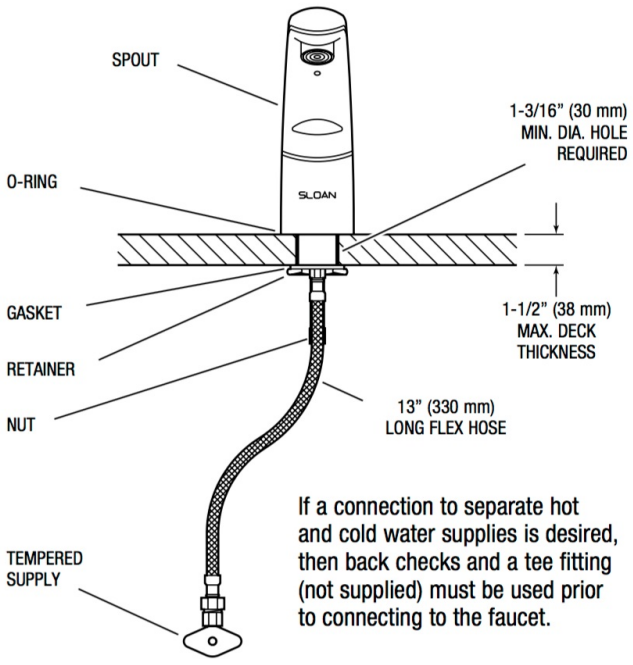
Function	Press Button	LED Signal
Continuous Run — 2 minute default setting (adjustable from 1 - 20 minutes)	1 time for 2 seconds	5 short flashes
reset:	1 time or will reset automatically after 2 minutes	
Temporary Off	2 times (double click)	5 short flashes followed by periodic flashing
reset:	1 time or will reset automatically after 2 minutes	
Auto Set Range Adjustment	2 times (double click) and then 1 time for 5 seconds	5 short flashes followed by 4 short flashes

The i.q.-Click is a button that extends from the underside of the faucet spout that allows the user to place the faucet into the following function modes: Continuous Run, Temporary Off, Permanent Off and Auto Set Range Adjustment.

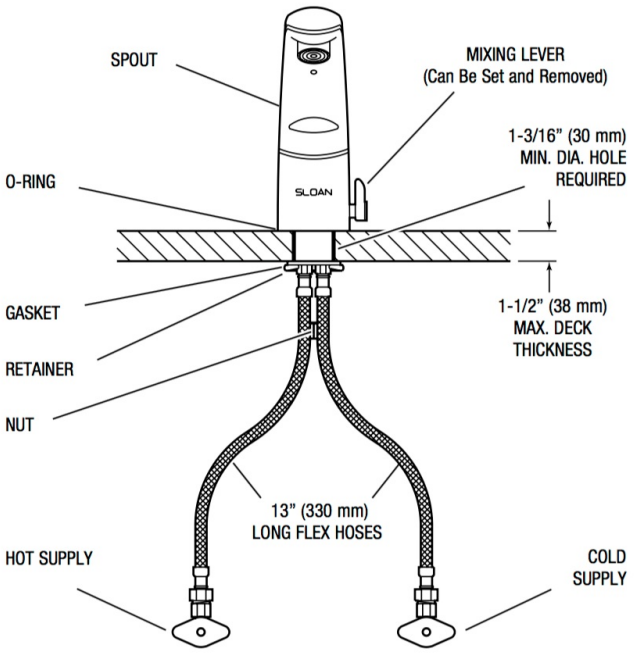
▶ ROUGH-IN

If a connection to separate hot and cold water supplies is desired, then a Bak-Chek® tee fitting (not supplied) must be used prior to connecting to the faucet.

EAF-150 AND EAF-150-IC
Faucets with Single Line Water Supply



EAF-150-ISM, EAF-150-ISM-IC AND
EAF-150-ISM-DPU-IC
Faucets with Hot and Cold Water Supply



▶ Product Number

EAF150 CP