BASYS® Low Integrated Base Faucet
EFX-600.000.0040

▶ Code Number
3324202

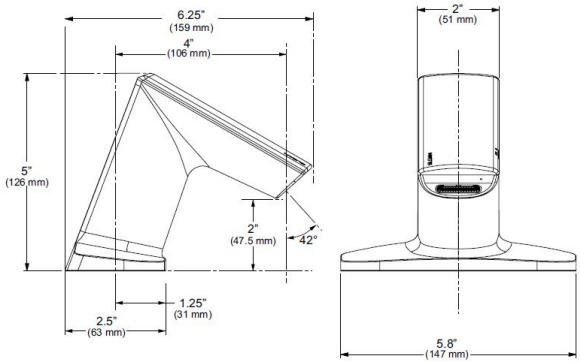
▶ Description
Line powered, infrared sensor activated, electronic, chrome plated die cast body, integrated base hand washing faucet for pre-tempered or hot and cold water operation.

▶ Flow Rates
0.5 gpm /1.9 Lpm

▶ Specifications
- One tool service
- All wetted components to be stainless steel, engineered thermoplastic, EPDM, and copper or copper alloy
- Solenoid housed in removable carrier that includes supply strainer
- Supply strainer serviceable from above deck
- Vandal resistant spray insert, key housed inside faucet body
- All electronics sealed to IP-67
- Gold plated electrical contacts
- Above deck individual diagnostic indicators for battery life, solenoid condition, and power up mode
- Four (4) "AA" alkaline batteries
- Double infrared sensors with automatic setting feature
- Includes all mounting hardware
- Line purge mode, eliminates stagnant water
- High temperature auto shut-off (LCD models)
- Faucet can be configured to add solar and/or LCD display
- Line powered using a variety of voltage adapters (batteries act as a backup)
- Integral above deck water supply shut off
- LCD display of water temperature and scrub time (optional)
- Above deck solenoid valve
- Flexible, high pressure supply hose, 3/8" compression connection (NOTE: Only single supply)
- Integral 4-inch base for ultimate anti-rotation
- Adjustable time-outs and sleep/cleaning mode
- Line Powered, Sensor Activated, Electronic, Chrome Plated Die Cast Body, Hand Washing Faucet with the following features:
- Bi-stable Magnetic Solenoid Valve

▶ Variations
Box Mount Voltage Adapter





▶ BASYS Spec Language
Sloan BASYS Model No. EFX-600.____._____ Infrared Sensor Activated Electronic Handwashing Faucet for pre-tempered or hot/cold water supplies. Solenoid valve housed in removable carrier that closes water supply upon removal, eliminating need to access control stops. Solenoid carrier includes mesh filter for easy access and service without disconnecting the supply lines. Thermostatic mixer ordered separately to comply with ASSE 1070 requirements. The product shall be tested and certified to industry standards: ASME A112.18.1M, CSA B125.1, California Health and Safety Code 116875 (AB1953-2006), and Vermont Bill S.152. This product meets ADA ANSI/ICC A117.1 requirements.

▶ Compliance & Certifications

This space for Architect/Engineer Approval

SLOAN 10500 SEYMOUR AVE. ● FRANKLIN PARK, ● IL. 60131
Ph: 1-800-9-VALVE-9 or 1-847-671-4300 ● Fax: 1-800-447-8329 or 1-847-671-4380 ● http://www.sloan.com

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► Control Circuit
6.75 VDC

► Sensor Range
Nominal: 4" - 5" (102 mm - 127 mm)

Faucet Adaptive Self-Adjustment Range: 1"-6" (25 mm-150 mm)

► Power Supplies
- 6 VDC Solar Energy Module with 6 VDC Alkaline Battery Pack
- 120 VAC/6.75 VDC Voltage Adapter (Option) Batteries Act as Back-up Shown with EFX-600.000.0000

► Time Out Setting
30 seconds — Maximum time faucet will run upon continuous detection

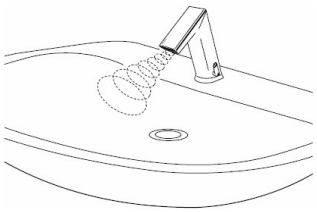
► Accessories (ordered separately)
- Splitter (included in hardwire less adapter)
- 126" Extension Cable
- 11 13/16" Extension Cable
- 47 1/4" Extension Cable

► Battery Life
5-years under worst case conditions of 8,000 cycles per month and high water pressure. Optional power harvesting may extend service life of batteries to equal the shelf life.

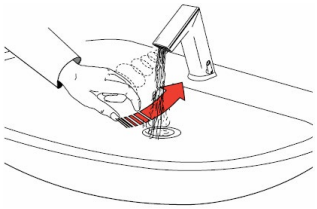
► Solenoid Valve
Filtered Solenoid Valve with Serviceable Strainer Filter

► Optional Voltage Adapter
120 VAC – 50/60 Hz, 6 VDC

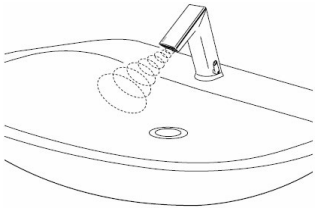
► OPERATION



1. A continuous, invisible light beam is emitted from the sensor located at the front of the hand washing faucet.



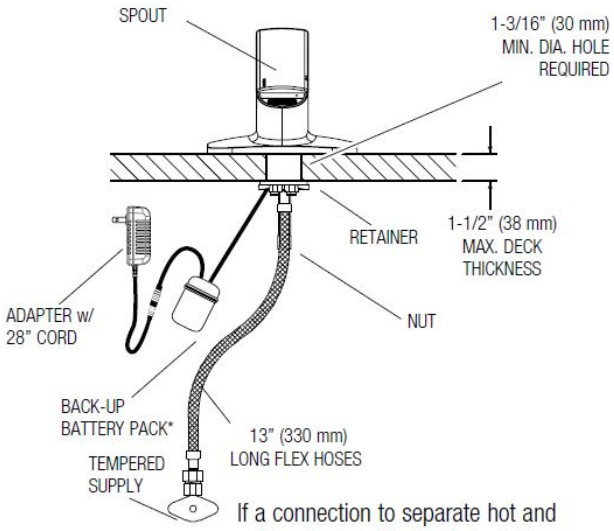
2. As the user's hands enter the beam's effective range, the beam is reflected back into the sensor receiver and activates the solenoid valve allowing water to flow from the faucet. Water will flow until the hands are no longer sensed or until the faucet reaches its automatic time out limit setting.



3. When hands are moved away from the sensor, the loss of reflected light initiates an electrical signal that closes the solenoid valve shutting off the water flow. The circuit then automatically resets and is ready for the next user.

► ROUGH-IN

EFX-600.X0X.0010
Faucet with Single Line Water Supply



If a connection to separate hot and cold water supplies is desired, then a Bak-Chek® tee fitting must be used prior to connecting to the faucet.

EFX-600.10X.0010
Faucet with Hot and Cold Water Supply

