

► **Code Number**
3324001

► **Brand**
BASYS® Low Integrated Base Faucet

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

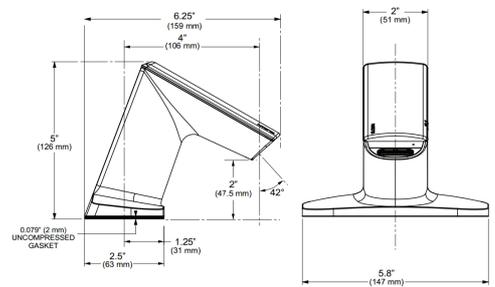
► **Flow Rates**
 0.5 gpm /1.9 Lpm

► **Specifications**
Battery Powered, Sensor Activated, Electronic, Chrome Plated Die Cast Body, Hand Washing Faucet with the following features:

- One tool service
- Solenoid housed in removable carrier that includes supply strainer
- Integral above deck water supply shut off
- 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
- Automatically selects pre-set time-out based on flow rate
- Capacitance sensing eliminates potential vandal point
- Flexible, high pressure supply hose(s), 3/8" compression connection(s)
- Four (4) "AA" alkaline batteries
- Double infrared sensors with automatic setting feature
- Integral 4-inch base
- Includes all mounting hardware
- Line purge mode, eliminates stagnant water
- Line powered using a variety of voltage adapters (batteries act as a backup)
- Batteries act as a backup in line powered application
- Thermostatic, below deck for ASSE 1070 compliance, optional
- Bi-stable Magnetic Solenoid Valve



EFX-650.010.0000 Shown



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► **Options**

- EAF-23 Splitter
- EAF-24-A 11-13/16" Extension Cable
- EAF-25-A 47-1/4" (1200 mm) Extension Cable
- EAF-17-A 126" (3200 mm) Extension Cable

► **Compliance & Certifications**



This space for Architect/Engineer Approval

► ELECTRICAL SPECIFICATIONS

Control Circuit

- 6.75 VDC

Battery Life

- 3-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.

Sensor Range

- Nominal: 4" - 5" (102 mm - 127 mm)
- Faucet Adaptive Self-adjustment Range: 2"-14" (51 mm -356 mm) nominal

Solenoid Valve

- Filtered Solenoid Valve with Serviceable Strainer Filter

Optional Voltage Adapter

- 120 VAC – 50/60 Hz, 6 VDC

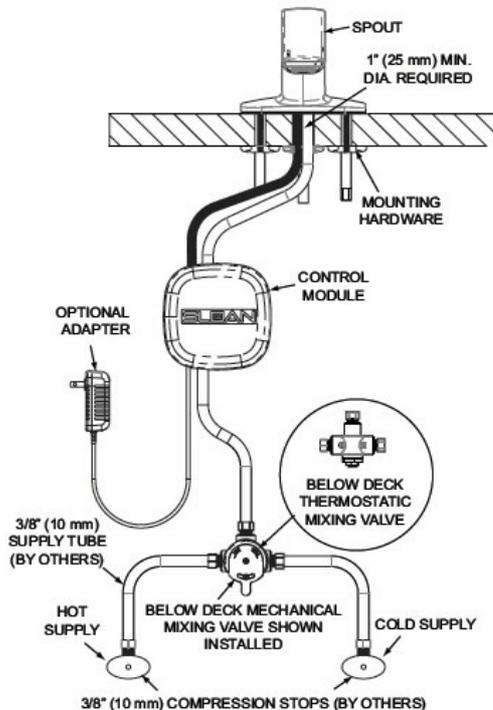
Time Out Adjustment Settings

- 10 seconds — The Faucet Time out Setting determines the maximum time the faucet will run upon continuous detection. The EFX Faucet is factory set at 10 second time out at 1.5 gpm and 30 second time out at 0.5 gpm. Consult factory for time out settings to meet individual application requirements.

Max. Distance Control Module may be installed from Spout

- With Standard Cable: 30" (762 mm)

► ROUGH-IN DIAGRAM

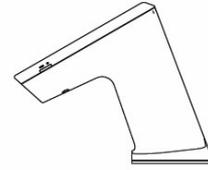


Not intended for installation on a metal sink or deck (i.e. stainless steel or cast iron)

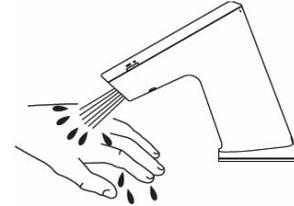
► Disclaimer

All information contained within this document subject to change without notice.

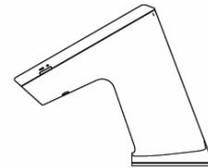
► OPERATION



1. A continuous electric field is emitted and monitored by the faucet system.



2. As the user's hands enter the effective range the sensor activates the solenoid valve allowing tempered water to flow from the faucet. Water will flow until the hands are removed or until the faucet reached its automatic time out setting.



3. When hands are moved away from the EFX faucet, the capacitive sensor deactivates the solenoid valve, shutting off the water flow. The system automatically resets and is ready for the next user.