BASYS® Low Integrated Base Faucet
EFX 680.000.0000

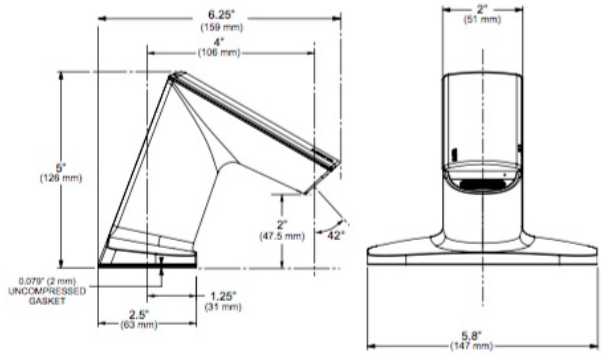
▶ Code Number
3324018

▶ Description
Turbine 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
Turbine 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 water supply shut off
- 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
- Flexible, high pressure supply hoses, 3/8" compression connections
- Four (4) "AA" alkaline batteries
- Includes all mounting hardware
- Line powered using a variety of voltage adapters
- Batteries act as a backup in line powered application
- BAA Compliant
- Capacitance sensing eliminates potential vandal point
- Integral 4-inch base
- Bi-stable Magnetic Solenoid Valve



▶ BASYS Spec Language
Sloan BASYS Model No. EFX-680._____.0000 Capacitance 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. Low Lead Compliant. BAA Compliant.

▶ Compliance & Certifications
IAPMO/cUPC, UL (adapters), CE (adapters), Commonwealth of Massachusetts

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

UPC, IPC, NPC Canada, California Green Building Code (CALGreen), City of Los Angeles Water Efficiency Ordinance ASME A112.18.1/CSA B125.1, NSF 372, ANSI/UL 1951, ICC/ANSI 117.1

This space for Architect/Engineer Approval

▶ Model Creation Guide

▶ Control Circuit
6.75 VDC

▶ 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.

▶ Mixer Type Options (Digit 4)
ISM – Integral side mixer

▶ Solenoid Valve
Filtered Solenoid Valve with Serviceable Strainer Filter

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

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

▶ Automatic 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)

Model Creation Guide

EFX-6	X	0	.	X	1	X	.	0	0	X	0	-	X
	Body Type	Power	Crown	Mix	Sensing	Flow Rate		Battery Type	Base Plate	Adapter	Drain Pop-Up		Finish
0	–	☐ Hardwire	Standard	☐ None	–	☐ 0.5 gpm Multi-Lam		Alkaline	None	☐ None	No		☐ CP
1	–	–	–	☐ Below Deck Mechanical	Capacitance	–		–	–	☐ Plug-In	–		☐ PVDSF
2	–	–	–	☐ Below Deck Thermostatic	–	☐ 1.5 gpm Aerated +Laminar		–	–	–	–		–
3	–	–	–	–	–	–		–	–	–	–		–
4	–	–	–	–	–	–		–	–	–	–		–
5	–	☐ Battery	–	–	–	–		–	–	–	–		–
6	Integrated Base	–	–	–	–	–		–	–	–	–		–
7	–	☐ Solar	–	–	–	–		–	–	–	–		–
8	–	☐ Turbine	–	–	–	–		–	–	–	–		–

▶ 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.

▶ ROUGH-IN
Single supply version includes ETF-617-A Bak-Chek® Tee