

► Code Number

3324343

► Description

Sensor Metering Handwashing Faucet, solar powered with battery back-up, double-infrared sensor activated for pre-tempered or hot and cold water operation. All serviceable components above deck for easy installation and maintenance.

► Flow Rate Options (Digit 6)

1.5 gpm/5.7 Lpm Laminar Stream

► Faucet Specifications

Solar powered, sensor-activated, electronic, chrome plated die cast body, handwashing faucet with the following features:

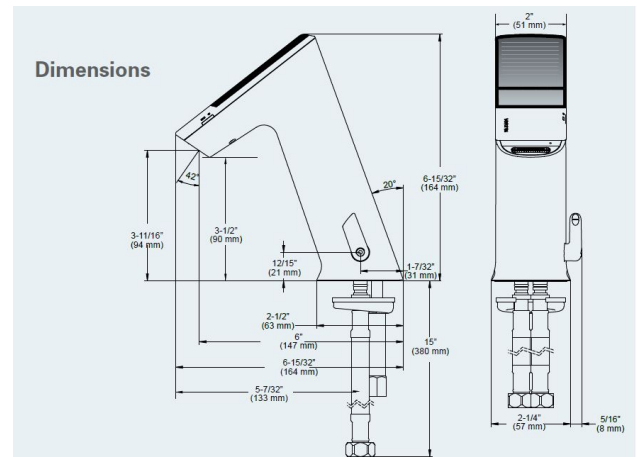
- All serviceable components above deck
- One tool service
- All wetted components to be stainless steel, engineered thermoplastic, EPDM, and copper or copper alloy
- Solenoid housed in removable carrier that includes supply strainer, serviceable from above deck
- Mechanical mixing, integral to spout, optional
- 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
- Bi-stable magnetic solenoid
- Double infrared sensors with automatic setting feature
- Single hole installation
- Includes all mounting hardware
- Selectable Sloan programmable line purge mode eliminates stagnant water
- Operates from 1 to 125 psi
- Adjustable run time from 0-3600 seconds (Factory set at 10 second maximum run time upon continuous detection)
- Faucet can be configured to add solar or solar and LCD display
- Four (4) "AA" alkaline batteries (act as back-up)

► Variations

BDT - Below Deck Thermostatic Mixing Valve

► CALGreen

This BASYS faucet with a 10-second cycle uses 0.083 gallons of water at 0.5 gallons per minute (exceeds minimum CALGreen requirements) or 0.25 gallons of water at 1.5 gallons per minute, depending upon desired flow rate. Additionally, this BASYS faucet is Sloan reprogrammable to use 0.175 gallons of water at 1.5 gallons per minute with a 7-second cycle (exceeds minimum CALGreen requirements).



► BASYS Spec Language

Sloan BASYS model no. EFX-275.____.____ double infrared sensor-activated electronic handwashing faucet with battery back-up and line purge mode for pre-tempered or hot/cold water supplies. Product to have double infrared sensors with automatic setting feature. Solenoid valve housed in removable carrier that closes water supply upon removal eliminating need to access control stops. Solenoid carrier includes strainer for easy above-deck service. Optional thermostatic mixer complies with ASSE 1070 requirements.

► Legislative Compliance

Federal Reduction of Lead in Drinking Water Act Law 111-380 (contains no more than 0.25% weighted average lead content), Section 116875 of the California Health & Safety Code, and Vermont Lead Reduction Law (Vermont Act 193).

► Compliance & Certifications

IAPMO/cUPC, Commonwealth of Massachusetts

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

CEC Compliant



This space for Architect/Engineer Approval

► Base Plate Options (Digit 8)

Base plate for 4" centerset sink

► Special Finish Options* (ordered separately, late 2013)

- Physical Vapor Deposition brushed stainless (Brushed Chrome)
- Physical Vapor Deposition Brushed Nickel
- Physical Vapor Deposition Polished Brass
- * Minimum order quantities and long lead times may apply. Please contact Customer Service for details.

► Electrical Specifications

- Control Circuit – 6.75 VDC
- Sensor Range – Nominal: 4" - 5" (102-127 mm) Faucet Adaptive Self-Adjustment Range: 2" - 14" (51-356 mm) nominal
- Battery Life – 3-years under worst case conditions of 8,000 cycles per month and high water pressure without power harvesting. Power harvesting should extend service life of batteries.
- Power Supplies – 6 VDC Solar Energy Module with 6 VDC Alkaline Battery Pack

Model Creation Guide (customize your faucet features below)

EFX -	2	7	5	.		0	.	0		0	
	Digit 1	Digit 2	Digit 3	Digit 4	Digit 5	Digit 6	Digit 7	Digit 8	Digit 9	Digit 10	
Series	Body Type	Power Type	Crown Type	Mixer Type	Sensing Type	Flow Rate	Battery Type	Base Plate	Adapter	Drain Pop-Up	
EFX	2 = Mid IR	7 = Solar	5 = Solar	0 = None 1 = BDM 2 = BDT 5 = ISM	0 = Active IR	0 = 0.5 gpm Multi-Lam 2 = 1.5 gpm Aerated 3 = 1.5 gpm Laminar	0 = Alkaline	0 = None 1 = 4" 2 = 8"	0 = None	0 = No 1 = Yes	

Mixer Type Options (Digit 4)

- ☐ BDM – Mechanical, below deck mixing valve
- ☐ BDT – Thermostatic, below deck mixing valve
- ☐ ISM – Integral side mixer

Flow Rate Options (Digit 6)

- ☐ 0.5 gpm/1.9 Lpm Multi-Lam Spray
- ☐ 1.5 gpm/5.7 Lpm Aerated Stream
- ☐ 1.5 gpm/5.7 Lpm Laminar Stream

Base Plate Options (Digit 8)

- ☐ Base plate for 4" centerset sink
- ☐ Base plate for 8" centerset sink

Special Finish Options* (ordered separately, late 2013)

- ☐ PVDSF – Physical Vapor Deposition Satin Finish (Brushed Chrome)
- ☐ PVDBN – Physical Vapor Deposition Brushed Nickel
- ☐ PVDPB – Physical Vapor Deposition Polished Brass

* Minimum order quantities and long lead times may apply. Please contact Customer Service for details.

► ROUGH-IN

