



**Optima<sup>®</sup> Sensor Faucet**

**EBF-85-4-BAT-BDT-CP-0.5GPM-MLM-BAA-FCT**

**Product description**

4" Trim Plate, Battery Power Supply, Below Deck  
Thermostatic Mixing Valve, Polished Chrome Finish,  
0.5 gpm, Multi-Laminar Spray, Infrared Sensor,  
Optima<sup>®</sup> Battery or Turbine-Powered Deck-  
Mounted Mid Body Faucet.

**Compliances & Certifications**



(ADA Compliant, ASME A112.18.1 Compliant, ASSE 1070, BAA Compliant, CalGreen Compliant, CEC Compliant, EPD, GPC 0.25 or less, HPD, IAPMO, NSF-61/CAN-61, NYC604.4, Proposition 65, TAS, UPC Low Lead Certified, EPA WaterSense Listed, WELL Building Standard)

**Code 3315088BT**

**Finish**

 Polished Chrome (CP)

**Connectivity**

 Bluetooth with Sloan Connect App

**Downloads**

-  [Optima Smart Faucet Below Deck Installation Instructions.pdf](#)
-  [ETF-80:880 and EBF-85:187 Below Deck Repair and Maintenance Guide.pdf](#)
-  [Faucet Spray Heads Maintenance Guide.pdf](#)
-  [Trim Plate Guide.pdf](#)
-  [Additional Downloads](#)

**Videos**

-  [Sloan Connect App<sup>®</sup>](#)

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## Details

- Flow Rate: 0.5 gpm (1.9 Lpm) (0.5GPM)
- Spray Type: Multi-Laminar (MLM)
- Sensor Type: Infrared
- Mounting Type: Single Hole
- Mounting Size: Single Hole 1-1/4" to 1-1/2"
- Trim Plate: 4" (102 mmmm) (4)
- Power Supply: Battery (BAT)
- Temperature Mixer: Below Deck Thermostatic Mixing Valve (BDT)
- Finish: Polished Chrome (CP)
- Factory Default Timeout: 30s
- Factory Default GPC: 0.25 gpc

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## Features

Commercial Grade, ADA Compliant, Electronic, Sensor-Activated, Hand Washing Faucet with the following features:

- Commercial Grade Faucet
- ADA Compliant
- Cast Brass Spout
- Quick Connect Fittings
- Integrated Water Shut-off
- Wireless Settings Adjustment
- On-demand or Metered activation
- Hygienic Line Flush
- Water Usage and Battery Strength Reporting
- Self-adapting Sensor
- Chrome plated finish

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## Recommended specifications

Faucet shall include cast brass body, quick-connect fittings, twist-off/shut-off solenoid assembly, removable battery cartridge, flexible power supply and allow adjustment of settings wirelessly via Apple or Android smartphones.

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## Electrical specifications

- Battery Life: 3 years 8,000 cycles/month
- Optional power harvesting significantly extends service life
- Sensor Range: 4" -5" (102-127 mm)
- Timeout Adjustment Setting: 30 Seconds

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## Power Supply Options

- 6VDC Plug Adapter (sold separately)/0362006
- 6VDC Ganged Adapter Kit (up to 6 units)(sold separately)/0362035
- 24VAC Box Transformer (up to 3 units)(sold separately)/0345370PK
- Optional Turbine Energy Harvesting

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## Warranty

[View Warranty Information](#)

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## Notes

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

Looking for other variations of the EBF-85 product? [View the general spec sheet with all options.](#)

[Find a matching soap dispenser](#) for this faucet.

[Find a compatible sink](#) for this faucet

# Rough-in and line drawing EBF-85-4-BAT-BDT-CP-0.5GPM-MLM-BAA-FCT

