

► **Code Number**

3346000

► **Flow Rate**

0.5 gpm / 1.9 Lpm

► **Faucet Specifications**

ADA Compliant, Sensor Activated, 6 VDC, Brushed Nickel Cast Brass Hand Washing Faucet with the following features:

- ETF-80 Sensor Activated Electronic Hand Washing Faucet
- Splash-proof Circuit Control Module
- Bak-Chek® Tee for Hot/Cold Supply
- Vandal Resistant Spray Head with Pressure Compensating Flow Control
- 120 VAC/24 VAC Plug-in Transformer (P Type ETF-233 - Standard)
- Audible Tone Low Battery Indicator
- Serviceable Filtered Solenoid Valve
- Polypropylene Optic Cable Protection
- Trim Plate with Anti-rotation Pin (4" Trim Plate - Standard)
- Metal Jacketed Wire Protection for Sensor/Solenoid Leads

► **Soap Dispenser Specifications**

ESD-200 Sensor Activated Electronic Soap Dispenser

ADA Compliant, Sensor Activated, Electronic, Chrome Plated Cast Brass Spout, Soap Dispenser with the following features:

- Modular One-piece Construction
- Active Infrared Sensor
- 120 VAC/6 VDC Plug-in Transformer (P Type ESD-227 - Standard)
- Mounting Hardware included
- Low Soap Level Indicator
- Easy Loading Disposable Soap Refills
- New Pump and Delivery Tube with each Refill

Unit supplied with one 800 ml. Container of Soap.

► **Accessories (specify separately)**

See OPTIMA Faucet and OPTIMA Accessories Sections of the Sloan Catalog for a Complete listing of OPTIMA Faucet Accessories and Variations.

► **Variations**

P - Plug-in Transformer



► **Features and Benefits**

"Touch-free" operation improves hand washing hygiene

Encourages hand washing for improved sanitary protection

Automatic operation provides water usage savings over other faucet devices

Economical pre-measured soap dispensing saves soap and money

Soap refill cartridge is easy to replace and provides a new mechanism and soap path with every replacement

Flashing "red" light indicates soap replacement required for continuous soap dispensing

Three-year Warranty (limited)

Eliminates "untidy and clumsy" refillable containers

Flashing "yellow" light indicates low battery, promotes continuous operation of Dispenser

► **Compliance & Certifications**



This space for Architect/Engineer Approval

► Faucet Control Circuit

6 VDC — Operates on four (4) alkaline C-size batteries. Self-adaptive Range Adjustment, Audible Troubleshooting and Low Battery Indicator. Fiber Optic Cable between Electronic Module and Faucet keeps all electronic signals below the sink.

► Sensor Range

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

Self-adaptive Zone: 2" - 8" (51 mm - 203 mm) — Faucet selfadjustment range within this zone dependent upon depth and reflectivity of basin.

► Solenoid Valve

Low Energy Latching Solenoid with Self cleaning By-pass and Integral Clean Out Strainer Filter.

► Soap Dispenser Control Circuit

6 VDC — Operates on four (4) alkaline D-size batteries.

6 VDC — Operates on a 120 VAC Input/6 VDC Output Transformer.

► Battery Life

2 Years @ 8,000 Cycles / Month

► Time Out Adjustment Settings

30 seconds — The Faucet Time out Setting determines the maximum time the faucet will run upon continuous detection. The ESD-35187 is Factory set at the 30 second time out. 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)

With Standard Cable: 12" (305 mm)

► Transformer

All Sloan Transformers are 50/60 Hz. Multiple faucets can be powered by a single transformer, provided that the transformer has been properly sized. Allow a minimum of 15 VA of current rating for each faucet being used.

► Electrical Specifications

24 VAC Input/Output, 50/60 Hz, Adjustable Range & Time Out Settings, Modular Plugs & Troubleshooting LED Indicators

► Optima Faucet Sensor Range

Nominal: 4" - 5" (102 mm — 127 mm) Adjustable: 1" - 8" (25 mm — 203 mm)
— Adjustability dependent upon depth and reflectivity of basin.

► SOAP REPLACEMENT

When the soap bottle is empty, a new bottle must be used. The bottle furnished with the unit is not designed to be refilled. Altering the bottle and refilling it with soap will void the warranty of the product.

To order Replacement Soap Cartridges:

1-866-700-CLEAN (1-866-700-2532)

Or go to our website: www.optimasoap.com

Refills are also available through your local plumbing or janitorial supply distributor.

Soap Refill Cartridges Available

ESD-217 — 800 ml. bottle of Lotion Soap

ESD-232 — 1600 ml. bottle of Lotion Soap

ESD-231 — 800 ml. bottle of Anti-bacterial Soap

ESD-233 — 1600 ml. bottle of Anti-bacterial Soap

FAUCET OPERATION

1. A continuous, invisible light beam is emitted from the OPTIMA® sensor.
2. The faucet is activated by placing hands beneath the spray head, thus activating the Solenoid Valve. Tempered water flows for as long as hands continue to stay within the Sensor's range (30 second automatic shut off).
3. When hands are removed, the water flow automatically stops. The faucet is then ready for the next user.



SOAP DISPENSER OPERATION

The user's hands reflect the beam into the sensor receiver activating the pump allowing a single soap application to flow from the spout. A flashing red LED indicates the soap cartridge is low.

