

► **Code Number**

3346001

► **Faucet Flow Rate**

0.5 gpm/1.9 Lpm Vandal Resistant Spray Head

► **Faucet Specifications**

- Splash-proof Circuit Control Module
- Bak-Chek® Tee for Hot/Cold Supply
- Vandal Resistant Spray Head with Pressure Compensating Flow Control
- Serviceable Filtered Solenoid Valve
- Trim Plate with Anti-rotation Pin (4" Trim Plate - Standard)
- EBF-85 Sensor Activated Electronic Hand Washing Faucet
- ADA Compliant, Sensor Activated, 6 VDC, Brushed Nickel Cast Brass Hand Washing Faucet with the following features:
- Fiber Optic, Automatic, Self-adaptive Sensing
- Audible Tone Low Battery Indicator
- Four (4) C-size Alkaline Batteries included
- Polypropylene Optic Cable Protection

► **Soap Dispenser Specifications**

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

- Modular One-piece Construction
- Active Infrared Sensor
- 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.
- ESD-250 Sensor Activated Electronic Soap Dispenser
- Four (4) D-size Alkaline Batteries included
- Low Battery Indicator

► **Accessories (specify separately)**

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

► **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.

► **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-25085 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**



► **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

► **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

Can also be replaced with TC® OneShot® Soap Bottles (401311, 401541, 401312, 401542 respectively)

► **Optima faucet EBF-85**

Complies with: ASME A112.18.1

► **Compliance & Certifications**



This space for Architect/Engineer Approval

With Standard Cable: 30" (762 mm)

► 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. A flashing yellow LED indicates low batteries.



As the user's hands enter the beam's effective range, the beam is reflected back into the sensor receiver and activates the solenoid valve allowing a single soap application to flow from the spout. • Flashing "red" light in the sensor window indicates low refill • Flashing "yellow" light in the sensor window indicates low battery (Model ESD-350)

► 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.



► ROUGH-IN DIAGRAM

