



Sensor Faucets and Flush Valves

7800EM Series

Battery Powered Sensor Operated Thermostatic Faucet

The 7800EM Series faucet is an thermostatic mixing sensor faucet that provides a vandal resistant, no touch lavatory solution that promotes better hygiene and energy savings.

- **ADA Compliant.** Meets all barrier free codes
- Conserves water and energy
- Easily installed in new or retrofit applications
- Competitively priced for today's commercial market
- Promotes cleanliness & hygiene
- Proven Hydrotek craftsmanship and reliability

Features

- Integrated ASSE 1070 thermostatic faucet mixing valve (with built-in checks)
- Accurate thermostatic mechanism provides required water temperature within $\pm 1.8^{\circ}\text{F}$ accuracy
- Proprietary **Enduratek** energy saving design allows up to 1.5 million on/off cycles
- Vandal-resistant faucet body with chrome plated, solid brass construction.
- Faucet design allows quick "above the deck" access to all major faucet component parts.
- 60 second time-out feature prevents accidental sink overflow.
- "Above the deck" external or internal temperature adjustment variation.
- Low battery indicator light (battery powered models only).
- Standard 0.5 GPM flow control for water conservation and annual savings.
- Single-hole deck mounting with optional 4" and 8" cover plate for vandal resistant, three point anchoring.
- Patented electronics and slow closing solenoid valves provide reliable and smooth operation without water hammer.
- Preset/adjustable sensor range of 6" - 8" for various installation requirements.
- Includes in-line filter adapter for easier cleaning.
- Superior VSI silicone elastomer piston seals are unaffected by chlorine, chloramines, or ammonia.



Compliances & Certifications



- ADA Compliant
- ASME A112.18.1
- NSF/ANSI Standard 372 - Lead Free Compliant

Available Models

- ☐ **HE-7800EM-LR:** Lead Free, Battery Powered with Enduratek

Special Finishes

- Additional Finishes Upon Request

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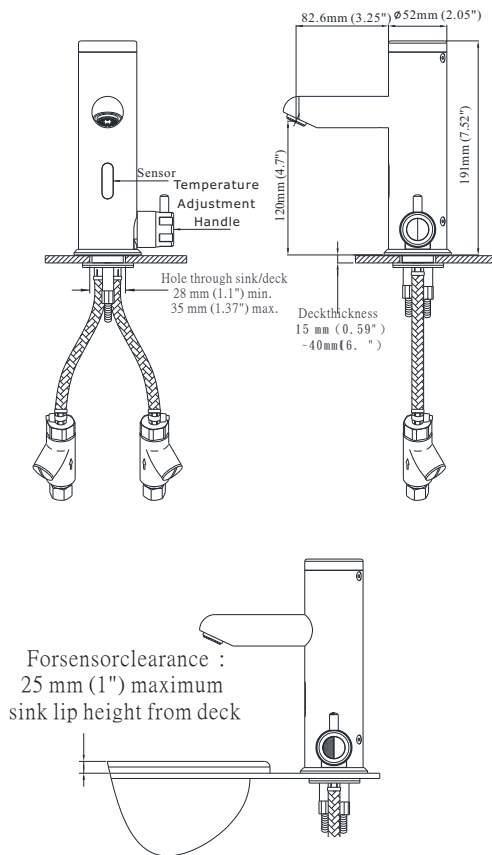


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Deck Mounted



Specifications:

Faucet Construction: Solid brass, chrome plated
Control Circuit:
Auto. Time-out: 60 seconds, adjustable to 20, 30, or 1200 seconds
Sensor Range: Preset and adjustable from 6"-8"
Shut-off Delay: 0.5 seconds
Solenoid Valve: 6V DC, normally closed
Wattage: 0.2W (idle), 3W (in use)
Operating Pressure: 5 psi to 125 psi
Flow Control: 0.5 GPM, Laminar, Vandal Resistant

Battery Mode

Battery Powered Models: (4) AA Alkaline Batteries
Battery Service Life: 1.5 million on/off cycles, up to 10 years

Warranty: 3 years

Package Includes:

- (1) Faucet with sensor/solenoid
- (1) 7.5V DC plug-in power adaptor (*H-7000EM, -LR Only*)
- (1) Adapter with filter
- (1) Mounting rubber, washer, lock nut
- (1) 0.5 GPM Rosette Flow Control
- (4) AA Alkaline batteries (*HB-7000EM, -LR Only*)

Dimensions:

Base Depth 2"
Faucet Height (Aerator to Base) 4.7"
Faucet Height Overall 7.5"
Mounting Rod Length 2"
Mounting Rod Size 1"

Optional Variations and Accessories

- 1.5 VR Soft Flow, 0.35, 2.2 GPM Laminar Flow Control
- 4" or 8" Centerset Cover Plate

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