Hydrotek

Sensor Faucets and Flush Valves

7800EM Series

Battery Powered Sensor Operated ThermostaticFaucet

The 7800EM Series faucet is an thermostatic mixing sensor facuet 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 commerical 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 ±1.8°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/CSA B125.1
- USGBC Member
- ICC-ES Listed & Certified
- WaterSense Listed*—select flow rates; certified for residential and private restroom use.

Available Models

- ☐ **HE-7800EM-LR**: Lead Free, Battery Powered with Enduratek
- ☐ **HE-7800EM-LR-1.0**: Lead Free, Battery Powered with Enduratek, WaterSense Listed*

Special Finishes

- Additional Finishes Upon Request

The information contained within this document subject to change without notice

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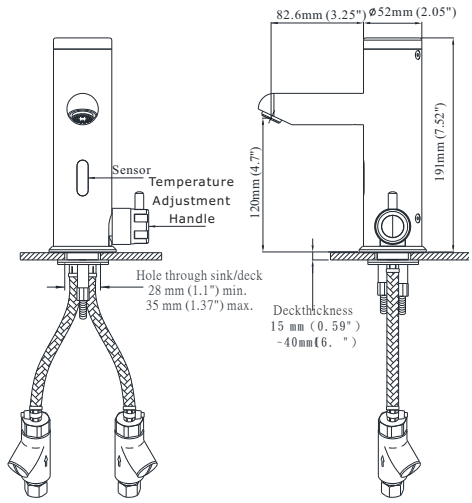
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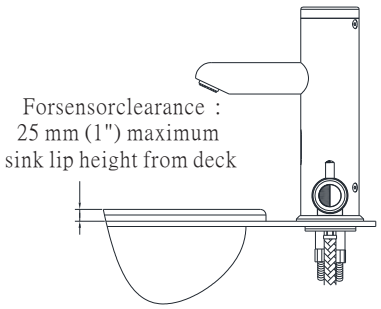
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Battery Powered Sensor Operated ThermostaticFaucet

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

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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