



Sensor Faucets and Flush Valves

7100EM Series

AC or Battery Powered Sensor Operated Faucet

The 7100EM Series faucet is a mixing sensor faucet that provides a vandal resistant, no touch lavatory solution and 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:

Mechanical Construction

- Vandal-resistant faucet body with chrome plated, solid brass construction
- Single-hole deck mounting with optional 4" and 8" cover plate for vandal resistant, three point anchoring
- Quick "above the deck" design for access to all major faucet component parts
- Quick "above the deck" integrated faucet mixing valve (with built-in checks)
- Flexible supply hose resists high pressure
- Includes in-line filter adapter for easier cleaning
- Superior silicone elastomer piston seals are unaffected by chlorine, chloramines, or ammonia
- Standard 0.5 GPM flow control for water conservation and annual savings

Advanced Electronic Technologies

- Patented Enduratek technology allows faucet for 1.5 million on/off cycles
- 20 second time-out feature prevents accidental sink overflow
- Low battery indicator light (battery powered models only)
- Preset/adjustable sensor range of 6"-8" for various installation requirements

Cutting Edge Solenoid Valve

- Patented electronics and slow closing solenoid valves provide reliable and smooth operation without water hammer
- Bi-stable solenoid valve technology eliminates continuous power draw



Compliances & Certifications:



ADA Compliant



- 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 only.

Available Models:

- ☐ **H-7100EM-LR:** Lead Free, AC Powered
- ☐ **H-7100EM-LR-1.0:** Lead Free, AC Powered, WaterSense Listed*
- ☐ **HE-7100EM-LR:** Lead Free, Battery Powered with Enduratek
- ☐ **HE-7100EM-LR-1.0:** Lead Free, Battery Powered with Enduratek, WaterSense Listed*

Special Finishes:

- Brushed Gold (-BG)
- Matte Black (-MB)
- Additional Finishes Upon Request



The information contained within this document subject to change without notice

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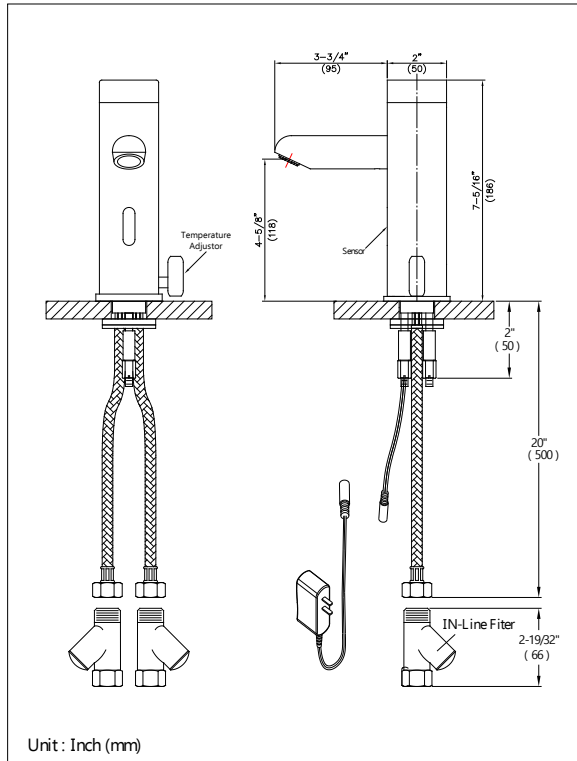


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Deck Mounted



Specifications:

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

AC Mode

Power Adapter (UL/CSA)
Standard Plug-in: Input AC 120-220V, 50-60 Hz
Output DC 7.5V, 0.8A/Class 2
Power Cable: Armored, vandal resistant
Optional Multi-Unit Adapter: Serves 6-8 faucets
(UL/CSA) Input AC 120V, Output DC 7.5V, 3A

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 adapter (*H-7100EM-LR Only*)
- (1) Adapter with filter
- (1) Mounting rubber, washer, lock nut
- (1) 0.5 GPM Laminar Flow Control
- (4) AA Alkaline batteries (*HE-7100EM-LR Only*)

Dimensions:

Base Depth 2"
Faucet Height (Aerator to Base) 4-5/8"
Faucet Height Overall 7-3/8"
Mounting Rod Length 2"
Mounting Rod Size 1"

Optional Variations and Accessories

- HC-010E Multi-Unit Voltage Adapter (AC Powered Only) 6-8 units
- 1.5 VR Soft Flow, 0.35, 1.0, 1.5, 2.2 GPM Laminar Flow Control
- 4" or 8" Centerset Cover Plate
- HBL-04-LR Thermostatic Mixing Valve with Checks

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