Hydrotek

Sensor Faucets and Flush Valves

7100SLEM Series

Solar Powered Sensor Operated Faucet

The 7100SLEM Series faucet is a mixing solar sensor faucet. Provides a vandal resistant, no touch lavatory solution and promotes better hygiene and energy savings.

The faucet uses ambient light to function and utilizes an Enduratek battery back-up.

- **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
- Extended battery life



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

- Powered by 6V DC solar energy module with battery back-up
- Patented Enduratek technology allows faucet for 1.5 million on/off cycles
- Low battery indicator light
- 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:

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

Special Finishes:

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





5055 Forsyth Commerce Rd Ste 124, Orlando, FL 32807
Phone: 800.922.9883 | Fax: 866.670.5580 | hydrotekintl.com

Revised 10/15/26

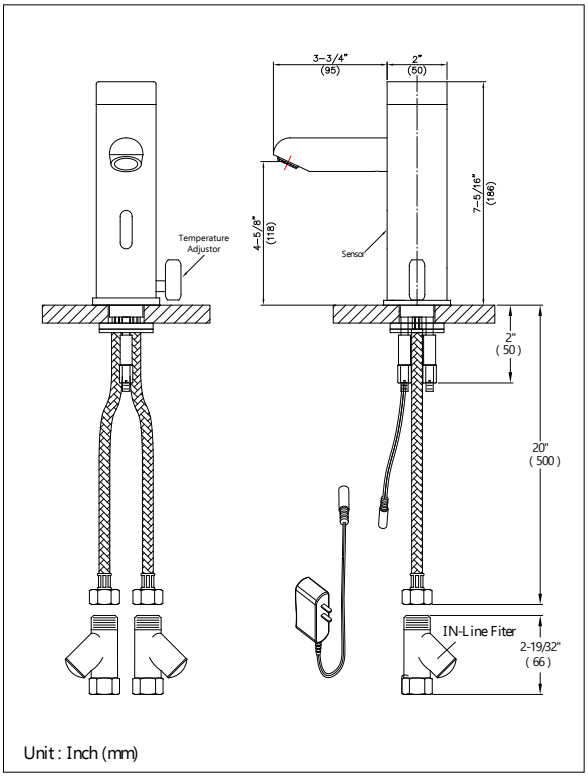
Hydrotek

Sensor Faucets and Flush Valves

7100SLEM Series

Solar Powered Sensor Operated Faucet

Deck Mounted



Unit : Inch (mm)

Operation

1. A continuous, invisible beam is emitted from the sensor
2. The faucet is activated by placing hands under the spout within the effective beam range. Water starts to flow immediately for as long as the user's hands remain in the sensor range
3. When hands are removed, the water flow stops. The sensor will automatically reset and be ready for the next user
4. Water temperature adjustment can be easily accessed with external adjuster

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

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
(2) Supply tube with filter
(1) Mounting hardware
(1) 0.5 GPM Laminar Flow Control
(4) AA Alkaline batteries

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

- 1.5 VR Soft Flow, 0.35, 1.0, 1.5, 2.2 GPM Laminar Flow Control
- 4" or 8" Centerset Escutcheon
- HBL-04-LR Thermostatic Mixing Valve with Checks

The information contained within this document subject to change without notice

5055 Forsyth Commerce Rd Ste 124, Orlando, FL 32807
Phone: 800.922.9883 | Fax: 866.670.5580 | hydrotekintl.com

Revised 10/15/26