Hydrotek

Sensor Faucets and Flush Valves

4100-LR Series

AC or Battery Powered Sensor Operated Faucet

The 4100-LR Series faucet is a single-hole deck mounted, piston operated sensory faucet that provides a vandal resistant, Lead Free, no touch solution with integral hot/cold ceramic mixing and manual on/off adjustment that promotes better hygiene and energy savings.

Designed to be easy to install and maintain, all major faucet components are encased above deck, making for easier access. The sensor included in this faucet is self adapting, meaning manual adjustments are not necessary.

- **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
- Temperature adjusting handle with manual on/off
- Lead Free



Features

- Vandal-resistant faucet body with chrome plated, solid brass construction.
- Faucet design allows quick "above the deck" access to all major faucet component parts.
- 30 second time-out feature prevents accidental sink overflow.
- Integrated ceramic faucet mixing valve (with built-in checks) allows for precise hot/cold mixing.
- "Above the deck" external or internal temperature adjustment variation.
- Standard 0.5 GPM flow control for water conservation and annual savings.
- "Self-adapting" sensor distance adjustment eliminates need for manual sensor adjustments.
- Low battery indicator light (battery powered models)
- Single-hole deck mounting with optional 4" and 8" cover plate for vandal resistant, three point anchoring.
- Manual override provides continuous water flow for special applications or in case of power failure.
- Manually controlled temperature adjustment.
- Patented electronics and slow closing solenoid valves provide reliable and smooth operation without water hammer.
- 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

- 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

- ☐ **H-4100-LR**: Lead Free, AC Powered
- ☐ **H-4100-LR-1.0**: Lead Free, AC Powered, WaterSense Listed*
- ☐ **HE-4100-LR**: Lead Free, Battery Powered with Enduratek
- ☐ **HE-4100-LR-1.0**: Lead Free, Battery Powered with Enduratek, WaterSense Listed*

Special Finishes

- Additional Finishes Upon Request

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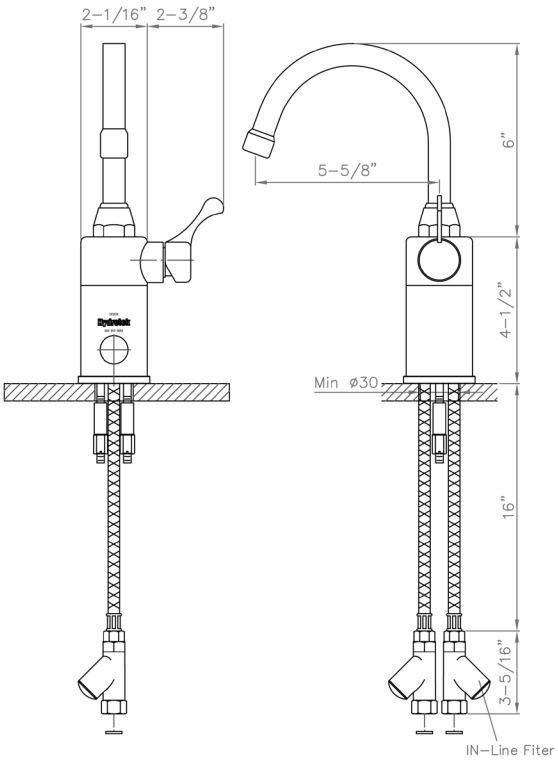
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AC or Battery Powered Sensor Operated Faucet

Deck Mounted / Mixing

4100-LR



Specifications:

Faucet Construction: . . . . . Solid brass, chrome plated
Control Circuit:
Auto. Time-out: . . . . . 30 seconds
Sensor Range: . . . . . Self adapting
Shut-off Delay: . . . . . 1 second
Line Purge (request only). . . . 2 min run every 12 hr or 24 hr
Scrub Mode (request only) . . 60, 120, 180 seconds
Solenoid Valve: . . . . . 6V DC, normally closed
Wattage: . . . . . 0.2W (idle), 3W (in use)
Operating Pressure: . . . . . 5 psi to 125 psi
Flow Control: . . . . . 1.5 GPM, Rosette, Vandal Resistant

AC Mode

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

Battery/Enduratek Mode

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

Package Includes:

(1) Faucet with sensor/solenoid
(1) 6" Gooseneck spout
(1) Armored S.S. supply tube with filter
(1) Mounting hardware
(1) 7.5V DC plug-in power adapter *(H-4100-LR only)*
(4) AA Alkaline batteries *(HE-4100-LR only)*

Dimensions:

Base Width (Outside Measurement) . . . . .4-7/16"
Base Depth . . . . . .2-1/16"
Faucet Height (Aerator to Base) . . . . . .6-7/8"
Faucet Height Overall . . . . . .10-1/2"
Depth (Aerator to Base). . . . . .5-5/8"
Mounting Bolt Length . . . . . .2"
Mounting Bolt Pattern. . . . . .Single-hole mount

Optional Variations and Accessories

- 0.35, 1.5, 2.0, 2.2 GPM Laminar Flow Control
- HC-010E Multi-Unit Voltage Adapter (AC Powered Only)
- Different spout styles and sizes available upon request
- 4" or 8" Centerset Cover Plate
- HBL-04 Thermostatic Mixing Valve with Check

The information contained within this document subject to change without notice

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