Hydrotek

Sensor Faucets and Flush Valves

5000EM Series

AC or Battery Powered Sensor Operated Faucet

The 5000EM Series faucet is an elegant piston operated sensor faucet that provides a vandal resistant, no touch lavatory solution with hot/cold mixing and manual on/off adjustments 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 and the innovative sensor placement eliminates ambient reflectivity issues.

- 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

- Proprietary ***Enduratek*** energy saving design allows up to 1.5 million on/off cycles (for battery powered HE models)
- Vandal resistant faucet body with chrome plated, solid metal construction
- Faucet design allows for quick and simple installation
- Clam shell design allows for easy "above the deck" access to all major faucet component parts
- Integral faucet mixing valve and manual on/off
- "Above the deck" temperature adjustment
- "Above the deck" manual on/off with external temperature adjustment
- Slow closing solenoid valve provides reliable and smooth operation without water hammer
- Available in AC powered and battery powered versions
- Unique, energy-saving design of electronics and solenoid valve contributes to longer battery life
- Sensor eye positioning eliminates ambient reflectivity issues
- "Self-adapting" sensor distance adjustment eliminates the need for manual sensor adjustments
- 20 second time-out feature prevents accidental sink overflow
- Replaceable filter screen reduces maintenance costs
- Low battery indicator light
- Unique electronic control module allows for faucet electronic component diagnostics
- Standard 0.5 GPM vandal resistant aerator
- Single-hole deck mount with optional 4" and 8" cover plate for vandal resistant three point anchoring

Special Finishes

- Matte Black
- Additional Finishes Upon Request



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-5000EM-LR**: Lead Free, AC Powered
- ☐ **H-5000EM-LR-1.0:** Lead Free, AC Powered, WaterSense Listed*
- ☐ **HE-5000EM-LR**: Lead Free, Battery Powered with Enduratek
- ☐ **HE-5000EM-LR-1.0:** Lead Free, Battery Powered, WaterSense Listed*
- ☐ **H-5000EMMB-LR**: Matte Black Finish, Lead Free, AC Powered
- ☐ **H-5000EMMB-LR-1.0**: Matte Black Finish, Lead Free, AC Powered, WaterSense Listed*
- ☐ **HE-5000EMMB-LR**: Matte Black Finish, Lead Free, Battery Powered with Enduratek
- ☐ **HE-5000EMMB-LR-1.0**: Matte Black Finish, Lead Free, Battery Powered with Enduratek, WaterSense Listed*



The information contained within this document subject to change without notice

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Revised 11/10/26

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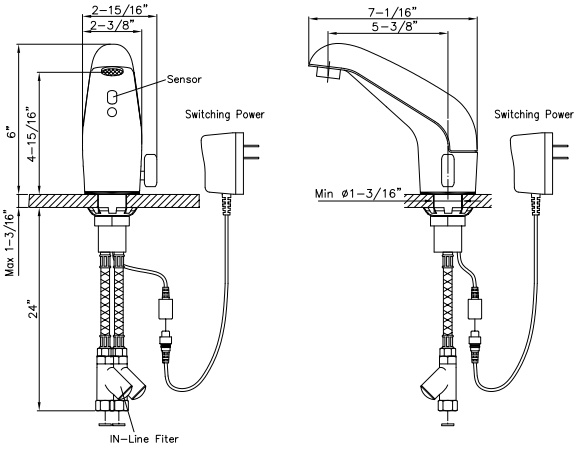
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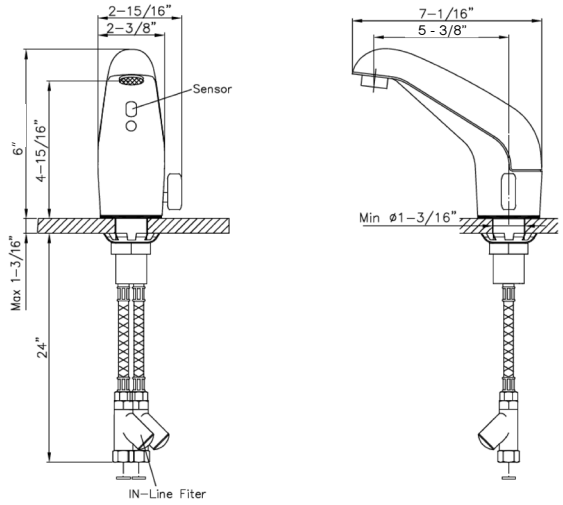
AC or Battery Powered Sensor Operated Faucet

Deck Mounted / Mixing

H-5000EM (AC Powered)



HE-5000EM (Battery Powered)



Specifications:

Faucet Construction: . . . . . Metal & chrome plated
Mixing Valve (Built-in): . . . . . with Manual on/off override.
Control Circuit:
Auto. Time-out: . . . . . 20 seconds
Sensor Range: . . . . . Self adapting
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

AC Mode

Power Adapter
Standard Plug-in: . . . . . Input AC 120V 60 Hz
(UL/CSA) . . . . . 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 Mode

Enduratek 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-5000EM Only)
(2) Armored steel supply tube with filter
(1) Mounting lock nut and washer
(1) 0.5 GPM vandal resistant Rosette flow control
(4) AA Alkaline batteries (HE-5000EM Only)

Dimensions:

Base Width (Outside Measurement) . . . . . 2-3/8”
Base Depth . . . . . 2-3/8”
Faucet Height (Aerator to Base) . . . . . 4-15/16”
Faucet Height Overall . . . . . 6”
Depth (Center of Aerator to Center of Faucet Base) . . . . . 5-3/8”
Mounting Bolt Length . . . . . 2-1/4”
Mounting Bolt Size . . . . . 1-1/8”

Optional Variations and Accessories

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

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