



ISO 9001 Certified

# 1000C Series

U.S. Patent: 6192530B1

AC or Battery Powered Sensor Operated Faucet

The 1000C Series faucet is a 4-inch center-set, piston operated sensory faucet 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 commercial market
- Promotes cleanliness & hygiene
- Proven Hydrotek craftsmanship and reliability

#### Available in:

- ✓ AC Powered (H-1000C)
- ✓ Battery Powered (HB-1000C)
- ✓ AC Powered with DC Backup (H-1000C-DC)
- ✓ Low Lead, AC Powered (H-1000C-LR)
- ✓ Low Lead, Battery Powered (HB-1000C-LR)
- ✓ Low Lead, AC Powered with DC Backup (H-1000C-LRDC)



## Features:

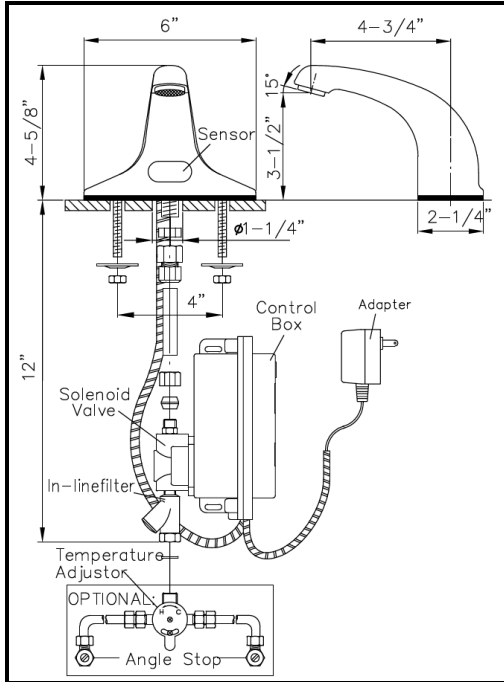
- **ACCU-SENSE** adjustable sensor eyes.
- All solid brass construction.
- Wall mountable, waterproof control box with armored, vandal resistant control and power cables.
- Preset/adjustable sensor range of 6" - 30" for various installation requirements.
- Standard automatic time-out feature. Preset at 30 seconds, but adjustable to 0, 15, or 60 seconds. Prevents accidental sink overflow.
- Shut-off delay is adjustable from 1 (preset) to 8 seconds.
- Solid brass body with cast 4" center-set and 3 point anchoring system. Twist-free and tamper resistant. Adapts to 8" center-set.
- Includes in-line filter with clean-out trap to reduce maintenance costs.
- All parts are field-replaceable to ensure quick and easy repair.
- Same faucet-field switchable to AC or battery powered.
- AC with DC backup models automatically switch to batteries during a power outage
- Slow closing, piston-operated solenoid valve provides reliable and smooth operation without water hammer.
- Superior VSI silicone elastomer piston seals are unaffected by chlorine, chloramines, or ammonia.
- Standard 0.5 GPM Laminar flow control for water conservation and annual savings.
- Control module allows a unique self-check of all electrical components.

# Hydrotek Automatic Faucets

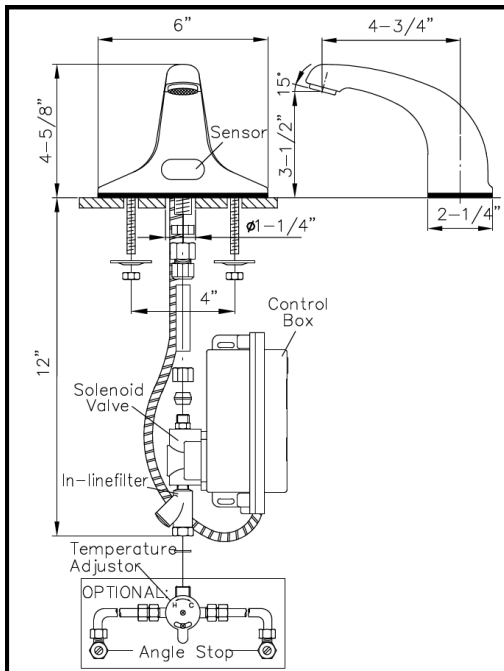
## 1000C Series

Deck Mounted / Non-mixing  
Meets ANSI/ASME A112.18.1 M-1989

### H-1000C (AC Powered)



### HB-1000C (Battery Powered)



#### 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 range of the beam. 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. In the battery powered version, a flashing red light will indicate a low battery condition.

#### Specifications:

Faucet Construction:	- Solid brass, chrome plated
Control Circuit:	- Solid state, AC or battery, switchable
Auto. Time-out:	- Preset and adjustable for 0, 15, 30, or 60 seconds
Sensor Range:	- Preset and adjustable
Shut-off Delay:	- Presets and adjustable from 1-8 seconds
Control Cable:	- Armored, vandal resistant
Solenoid Valve:	- 6V DC, normally closed - Wattage: 0.4W (idle), 5W (in use) - Operating Pressure: 5 psi to 125 psi - 0.5 GPM, vandal resistant
Flow Control:	- 0.5 GPM, vandal resistant

#### AC Mode

Power Adapter	- Input AC 120V 60 Hz or 220V
Standard Plug-in:	(UL/CSA)
Output:	- Output DC 12V, 0.8A/Class 2
Power Cable:	- Armored, vandal resistant
Optional Multi-Unit Adapter:	(UL/CSA)
Serves up to:	- Serves up to 8 faucets
Input:	- Input AC 120V, Output DC 12V, 3A

#### Battery Mode

Battery Powered Models:	- (4) AA Alkaline Batteries
Battery Service Life:	- 400,000 on/off cycles, up to 4 years

#### Package Includes:

- (1) Faucet with electronic sensor
- (1) Control box w/6V DC solenoid
- (1) 12V DC plug-in power adaptor (*H-1000C, -DC, -LR, and -LRDC only*)
- (1) In-line filter with clean-out trap
- (1) Copper supply tube, 3/8"
- (1) Mounting hardware
- (1) 0.5 GPM vandal resistant flow control
- (4) AA Alkaline batteries (*HB-1000C, -LR; H-1000C-DC, -LRDC only*)
- (1) Battery holder (*HB-1000C, -LR; H-1000C-DC, -LRDC only*)

#### Dimensions:

Base Width (Outside Measurement)	6"
Base Depth	2-1/4"
Faucet Height (Aerator to Base)	3-1/2"
Faucet Height Overall	4-5/8"
Depth (Center of Aerator to Center of Faucet Base)	4-3/4"
Mounting Bolt Length	2-1/2"
Mounting Bolt Pattern	4" Centerset

#### Optional Variations and Accessories

- 1.6GPM VR Soft-Flow Aerator; 0.35, 1.5 & 2.2 GPM Laminar Flow
- 8" Centerset Cover Plate
- HC-010 Multi-Unit Voltage Adapter (AC Powered Only) - 8 units
- HC-0104 Multi-Unit Voltage Adapter (AC Powered Only) - 4 units
- HC-001 Mixing/Check Valve (Mechanical)
- HBL-04 Thermostatic Mixing Valve with Checks

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