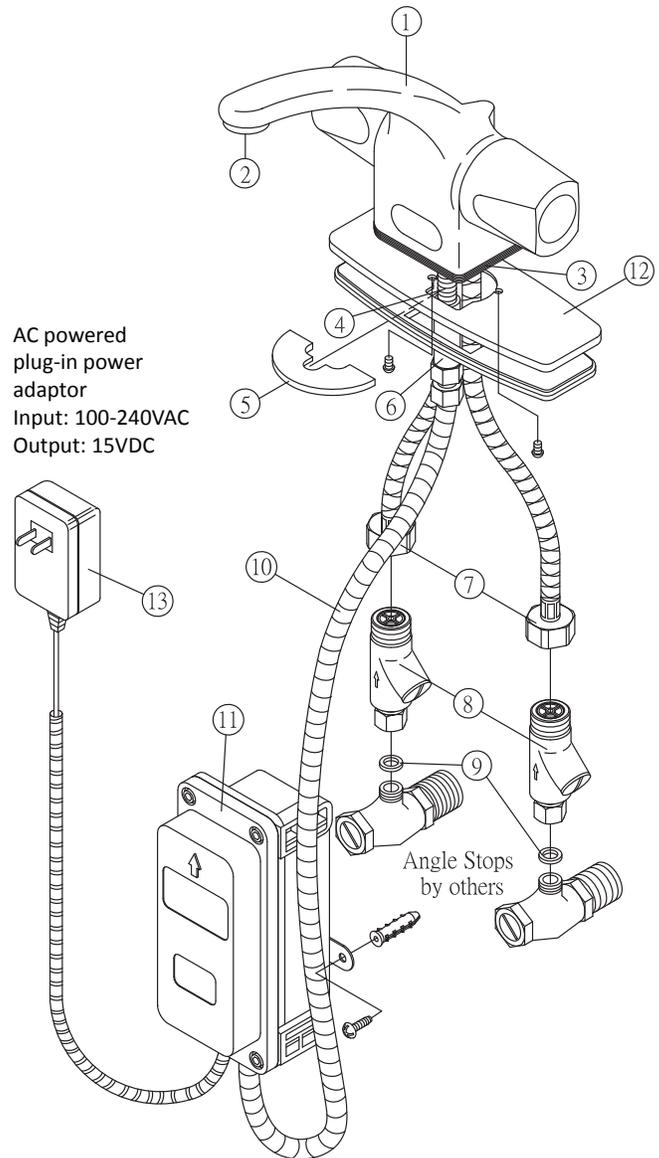




ISO 9001 Certified

3000C Series Sensor Operated Faucet Installation Instructions

1. Prior to installation, thoroughly flush all water lines and replace stop washers, if required.
2. Position faucet by lowering the flexible **Supply Tubes (7)** and **Sensor Eye Cable (10)** through the deck hole. Secure the faucet to the sink deck using the **Mounting Washer (5)** and **Mounting Nut (6)**.
3. Considering the length of the **Sensor Eye Cable (10)**, drill two holes 2 3/4" apart into the wall and insert the mounting anchors into those holes. Position the control box so that the **Sensor Eye Cable (10)** enters the box from the bottom. Attach the **Control Box (11)** to the wall by aligning the box mounting holes with mounting anchors and using the the anchor screws.
4. To ensure proper operation, "DRY TEST" the faucet by plugging the **Sensor Eye Cable (10)** into the matching connector on the PC board inside of the **Control Box (11)**.
 - a. **AC Powered:** Connect the **Power Adapter (13)** to the PC Board inside of the **Control Box (11)**, then plug the **Power Adapter (13)** into a 120 V AC wall outlet. Place your hand in front of the sensor eye and listen for a clicking sound.
 - b. **Battery Powered:** Properly install new batteries into the battery holder and ensure the battery holder is connected to the PC board inside of the **Control Box (11)**. Place your hand in front of the sensor eye and listen for a clicking sound.
 - c. If there is no clicking sound, push the reset button on the PC Board inside of the **Control Box (11)**. Listen for a clicking sound.
 - d. ****If there is still no clicking sound, call Hydrotek at the number listed below.**
5. Insert the blue plug and the brass ring on the end(s) of the shielding for the **Sensor Eye Cable (10)** and the cable for the **AC Power Adapter (13)** (AC models ONLY), into the designated openings at the bottom of the **Control Box (11)**. To ensure proper water resistance, reinstall the cover for the **Control Box (11)** and tighten the screws.
6. Attach the **Filters/Check Valves (8)** to the stop valves. Attach **Supply Tubes (7)** to filter/check valves compression fittings. Left is the HOT supply tube and right is the COLD supply tube.
NO TEFLON TAPE, NO PIPE DOPE
7. Position the right handle (manual temperature control) to "auto". Open both stop valves to turn on the water supply. Check all the connections for leaks.
8. Test faucet by placing hands under spout. Water should begin to flow. Water flow should stop when hands are removed. If the faucet does not function properly, refer to the troubleshooting guide.
9. Sensor sensitivity is preset at the factory. If you need to alter this setting, please call Hydrotek 1-800-922-9883.
10. Periodically clean the filter element in the **In-Line Filters (8)**.



Parts:

1. Faucet Body	9. Nylon Washer
2. Aerator	10. Sensor Eye Cable
3. Mounting Gasket	11. Control Box
4. Mounting Bolt	12. 4" Cover plate (optional)
5. Mounting Washer	13. Power Adapter (AC models only)
6. Mounting Nut	
7. Supply Tubes (2)	
8. Filter/Check Valve (2)	

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IMPORTANT: (1) For outdoor installations, the faucets must be installed in fully enclosed spaces where they are completely shielded from direct sunlight, as exposure to the sun can affect performance. Hydrotek International, Inc. is not liable for any damages, malfunctions, or performance issues caused by exposure to direct sunlight.
 (2) Additionally, the stop valve must not be opened beyond the point where water flow exceeds the sink drain's capacity. The sink's drain and plumbing must accommodate continuous water flow from the faucet to prevent overflow. Hydrotek is not responsible for any damages resulting from sink overflow caused by water flow exceeding the capacity of the drain or pipes. Proper installation and operation are the user's responsibility.

HYDROTEK FAUCET INSTALLATION TROUBLESHOOTING GUIDE

OPERATION: When power is connected, the unit will automatically begin to perform the setup procedure. You will hear a click sound and the sensor light will flash. Once setup is complete, water will flow when the sensor is activated by placing the user's hands under the spout and will continue to flow for the duration of the sensor activation. Water flow will automatically stop once the user's hands are removed. Periodic maintenance is required for smooth and trouble-free operation.

PROBLEM	SYMPTOM	CAUSE	SOLUTION
CONTINUOUS or NO water flow after installation, clicking is undetectable when sensor is activated	*AC Units: Water does not stop running or water does not flow	There is no power to the unit	In the case of continuous flow: turn off water supply at the stop valves. Plug in power supply. Perform dry test to confirm solenoid click activation sound. If the click sound is undetectable, verify the power cord and the sensor cable are connected properly to the PCB. If the problem persists, verify the power supplied by the outlet. <i>*Be sure to turn the water supply back on after solenoid click sound is detectable to verify correct operation</i>
	*Battery Units: Water does not stop running or water does not flow	There is no power to the unit	In the case of continuous flow: turn off water supply at the stop valves. Install all 4 AA batteries. Perform a dry test to confirm solenoid click activation sound. If the click sound is undetectable, verify the power cord and the sensor cable are connected properly to the PCB. <i>*Be sure to turn the water supply back on after solenoid click sound is detectable to verify correct operation</i>
	*3000C & 4000C MODELS ONLY: Water does not stop running	Manual override handle is enabled	In the case of continuous flow: locate manual override handle on the right side and set to "automatic" position. If the problem persists, turn off water supply at the stop valves. Perform the steps listed above for the appropriate power supply. <i>*Be sure to turn water supply back on to verify correct operation</i>
NO water flow after installation, clicking is detectable when sensor is activated	No water flow when sensor is activated	Water supply stop valve(s) are not fully open	Turn the stop valve(s) fully open
	*Units with below deck mixing valves: Faucet does not flow at all, and stop valves are fully open	Mixing valve is defective	Disconnect tempered line and place in a bucket to confirm normal waterflow. If there is no flow, replace defective mixing valve
LIMITED water flow when the sensor is activated	Faucet is trickling or has low water pressure	Excessive line debris has clogged the inline filter and/or the aerator	Turn off stop valve(s), remove inline filter screen and rinse with water. Remove aerator with aerator key and rinse with water. Properly flush the line before reinstalling the filter(s)

For issues beyond the steps of this troubleshooting guide, please call:

**Hydrotek Technical Support
(800)922-9883**

Care and Cleaning Instructions:

- **WARNING!** Using abrasive or chemical cleaners *will* damage the chrome or decorative finishes.
- Use only soap and water to clean the finish, then wipe dry with a clean cloth.
- If chemical cleaners are used for other parts of the lavatory, ensure that the faucet is protected from potential contact from those cleaners.