Mounting of Faucet and Optional Cover Plate

1. Install the gasket on the bottom of the sink, flat side down. If installing a cover plate, align the holes in the spout base with the pins on the plate, and feed the power cable and braided hose through the plate. Secure the plate to the spout with the #3 Phillips screw.

2. Attach the threaded rods to the bottom of the cover plate. Apply plumber’s putty to the underside of the cover plate where shown.

3. Position the faucet on the desired position, use a wrench to tighten all mounting hardware.

4. When the spout is in the desired position, use a wrench to tighten all mounting hardware.

Mounting Control Box

1. Remove the control box cover by using a #2 Phillips screwdriver to loosen the cover screw.

2. Pivot the yellow locking tab and remove the metal key at the top of the control box. Apply silicone-based lubricant to the end of the spout hose and insert it through the hole.

3. Be sure to seal the hose firmly before reinstalling the metal key and securing it with the yellow locking tab.

4. Determine the position of the control box under the sink. Hold the control box against the wall and mark the locations of the two mounting holes. Orientation is not critical.

5. Drill 3/16” holes, install wall anchors and mounting screws. Be sure to leave at least 1/2” (12mm) of the screw head exposed. Secure the control box to the wall using a #2 Phillips screwdriver.

Connecting Water Supply (dual supply unit shown)

1. Insert the filter screen gaskets into the supply stops. IMPORTANT: the filter screen gaskets seal the connection against leaks and must be installed as shown.

2. Attach the 3/8” female compression supply hoses from the control box to the supply stops. Use a wrench to tighten the nuts to the supply stops. IMPORTANT: Remove any debris or hardware from the sink before opening the supplies and testing the faucet.

3. Open the supply stops and check for leaks. Note: water may run through spout.

Connecting Power and Solenoid

1. Bring wire into box. Use length of wire for 4-20 mA input. Snap into holder on side.

2. Attach power connections as shown in the following sections.
CHICAGO FAUCETS LIMITED WARRANTY

WHAT DOES THIS WARRANTY COVER AND HOW LONG DOES IT LAST?

CHICAGO FAUCETS LIMITED WARRANTY

— All other Products not covered above are warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

— Certain Products and portions of the Product are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase. Products warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase are referred to by the product numbers 423, 431-1035 and E-Tronic® 4X, 5X, 6X, 7X, and 8X. All other die-cast portions of Products are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase.

ONE YEAR FINISH WARRANTY — COMMERCIAL

— For Products used in commercial applications, the Finish of the Product is warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

OTHER WARRANTIES — All other Products not covered above are warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

Other restrictions and limitations apply. For complete warranty details, call Chicago Faucets Customer Service at 847-803-5000 or visit chicagofaucets.com.

QUICK TROUBLESHOOTING

Follow the steps below to fix common problems. For detailed troubleshooting, all-technicals.com. Select troubleshooting, remove any objects in detection zone and make sure sensor is clear of debris. Ensure power is applied and solid red light appears for five (5) seconds after power-up.

The faucet is leaking:
- From outlet — tighten or replace outlet nut using included key.
- From supply lines — install new filter screen gaskets (see diagram pg. 1).

No water flow or flow is limited:
- Make sure supply lines are connected and supply shutoffs are fully open. Clean or replace filter screen gaskets or outlet insert.

Water flow does not stop:
- Test for proper installation by testing when hand enters detection zone, ensure solenoid electrical connections.

Faucet does not properly detect user:
- Repeat installation process. If the problem persists you may need to replace the spout assembly or control box. For additional information contact Chicago Faucets customer service at 800-832-8783.

WARNING:
Delivery of water to fixtures intended for hand washing is recommended to be controlled by valves listed to ASSE 1070. This fitting is NOT factory preset and can be adjusted to deliver water at temperatures exceeding 110°F (43°C). Further, mechanical mixing valves DO NOT provide automatic control of water temperature. Due to effects of various water conditions, periodic verification of outlet water temperature is required.

Care and Maintenance

Periodic inspection and yearly maintenance by a licensed contractor is required for all thermostatic mixing elements. Corrosive water conditions and/or unauthorized adjustments or repair could render the thermostatic valve ineffective for service intended. Regular checking and cleaning of the valve’s internal components and check stops helps assure maximum life and proper product function. Frequency of cleaning and inspection depends on local water conditions. All Chicago Faucets fittings are designed and engineered to meet or exceed industry performance standards. Care should be taken when cleaning this product. Do not use abrasive cleaners, chemicals, or solvents as they can result in surface damage. Use mild soap with warm water for cleaning and protecting the surface of Chicago Faucets fittings.

For additional technical assistance, call 800/TEC-TRUE (800-832-8783) or visit our website at chicagofaucets.com.

Battery (DC) Power

LTPS (DC) Power

Self Sustaining Power System (SSPS)

User Adjustable Temperature Control

Completing Installation: Testing and Adjustment

1. Open the yellow battery housing and insert 4 ‘AA’ batteries according to the diagram inside the housing.

2. Slide the black riveted attachment into the hole of the control box and push back into large opening.

3. Slide locking clip into place.

4. Connect the wiring connectors (gray to gray, black to black). Note that the connectors are keyed for proper installation as shown in the detail below. Snap the completed connections into the wiring harness as shown.

5. Connect wiring connectors, first gray to gray, then black to black. (Note: the connectors are keyed for proper installation.) Snap the completed connections into the wiring harness as shown. Tuck the completed green connection into the space as shown.

6. Connect the blue connector on the SSPS to the blue connector on the turbine and tuck them into the cavity as shown.