**Overview**

Chicago Faucets deck mounted faucets feature cast brass bodies and precision cartridges for years of reliable operation. Metering models with adjustable cycle time offer true water savings.

**Notice to the Installer**

- Read this entire instruction sheet before installing to ensure proper installation.
- Installation must comply with local codes and ordinances.
- Pressurized plumbing fixtures shall be installed in accordance with manufacturer’s recommendations. The supply piping to these devices shall be securely anchored to the building structure to prevent installed device from unnecessary movement when operated by the user. Care shall be exercised when installing the device to prevent marking the exposed surface.

**WARNING**

- Before installation, turn off water supplies to existing faucet and remove faucet if replacing. Clean faucet basin and clear away debris. Flush all supply and servicing.

**NOTE:** The information in this manual is subject to change without notice.

Please leave this manual with the facility manager after completing the faucet installation. This document contains information necessary for routine maintenance.

**Relying for Technical Assistance**

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

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**Exploded Views:**

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**“HZ” Models with Flexible Supply Hoses**

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**Other Configurations:**

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**One-Piece Body Installation**

1. Using grease from supplied packet, lubricate the o-rings on the spout shank and inside of center hub of deck.

2. Slide the shank through the trim rubber washer and top center hole of deck.

3. From below deck, use a nut and metal washer to secure spout to deck. Hand tighten.

4. Align the undermount body (marked H & C for connections) with deck holes and shank. Push the center of the undermount body (E) onto shank. Be careful not to pinch o-rings.

5. Install lockwasher and nut to the shank. Hand tighten.

6. Above deck, place a sealing washer over each handle stem and around the cartridge housing.

7. Slide a retaining clip on top of the sealing washer and into the groove of each cartridge housing.

8. Install and tighten escutcheons over each handle.

9. Below deck, hand tighten the flanged nuts and then with a wrench tighten 1/4 - 1/2 turn more.

10. With a wrench, tighten center lower nut on shank and upper center nut.

11. Install handles, connect water lines, and flush lines.

12. Install aerator and flush again.

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**NOTE:** If installing 636 Series handles, the escutcheon must be threaded onto the cartridge cap nut and fully seated in order for the handles to operate properly.
Widespread Fittings Installation Instructions

Spout Installation

Swing Spout

1. Remove outlet from spout. Place two split rings on spout near the base. Slide spout nut onto spout.
2. Place spout onto valve body until fully seated. Tighten spout nut with wrench. Connect water supplies, flush line, and attach outlet.

Rigid Spout

1. Remove outlet from spout. Slide spout nut onto spout. Place solid white washer into base outlet.
2. Place spout onto valve body until fully seated. Tighten spout nut with wrench. Connect water supplies, flush line, and attach outlet.

Restricted Swing Spout

1. Remove outlet from spout. Place two split rings on spout tubing near base. Slide spout nut onto spout.
2. Place restricted swing adaptor into valve body and align with internal valve body tab. Position small opening (70º) or large opening (120º) toward “hot” side of body.
3. Place spout into stem. Tighten spout nut with wrench. Connect water supplies, flush line, and attach outlet.

Fullly Adjustable Body Installation

1. Using grease from supplied packet, lubricate the o-rings on the spout shank and inside of center hub of undermount body.
2. Slide the shank through the slim rubber washer and top center hole of deck.
3. From below deck, use nut and metal washer to secure spout to deck. Hand tighten.
4. From below deck, align handles with deck holes. Push through deck hole and repeat with other side.
5. Above deck, place a sealing washer over each handle and around the cartridge housing.
6. Slide a retaining clip on top of the sealing washer and into the groove of each cartridge housing.
7. Install and tighten escutcheons over each handle.

Timing Adjustment on an MVP Metering Cartridge

1. With cartridge and handle installed in body and water supply turned on, purge cartridge of air by pushing handle completely down 4-8 times repeatedly, then check timing cycle.
2. To change cycle time, move index button, then handle using a 3/32 hex wrench. (Figure ‘A’)
3. Using your fingers change height of adjustment nut by 1/4 turn only. Turn adjustment nut clockwise to increase cycle time or counter-clockwise to decrease cycle time. (Figure ‘B’)
4. Replace handle and verify desired cycle time.
5. If additional adjustment is necessary, repeat steps 3 and 4 until desired cycle time is achieved.
6. Attach handle and tighten screw. If index button is included, snap into handle. NOTE: Some new installations might produce a slight closing noise. This is normally the result of air trapped in the cartridge and will dissipate over time.

MVP Metering Cartridges

1. If filter and lower valve cartridge have been removed from fitting, replace them by inserting filter first.
2. If gasket has been removed from the actuator assembly, replace it by inserting bottom of actuator assembly.
3. Assemble actuator assembly to body and tighten to 12-15 FT. LBS. torque.
4. Assemble handle and check timing, adjust if necessary.
5. Tighten set screw with a 3/32 allen wrench.
6. Insert index button into handle.

Care and Maintenance

All Chicago Faucet products 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.

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