

Moen CA87316W

# Moen CA87316W One-Handle Low Arc Pullout Kitchen Faucet Instruction Manual

Model: CA87316W | Finish: Glacier

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## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Moen CA87316W One-Handle Low Arc Pullout Kitchen Faucet. This faucet features a Glacier finish, a convenient pullout spray head with Power Clean technology, and a single lever for easy water control. Please read these instructions thoroughly before beginning installation or use to ensure proper function and longevity of your product.



*Image 1.1: Moen CA87316W One-Handle Low Arc Pullout Kitchen Faucet in Glacier finish. This image shows the complete faucet unit with its single handle and integrated pullout spray head.*

## 2. SAFETY INFORMATION

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Always adhere to the following safety guidelines during installation and maintenance:

- **Turn off Water Supply:** Before starting any work, always turn off the hot and cold water supply valves under the sink or at the main water shut-off.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as safety glasses, to prevent injury.
- **Professional Assistance:** If you are unsure about any part of the installation process, it is recommended to consult a qualified plumber.
- **Avoid Over-tightening:** Do not over-tighten nuts or connections, as this can damage the faucet or plumbing.

## 3. INCLUDED COMPONENTS

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Your Moen CA87316W faucet package typically includes the following components. Please verify all parts are present before beginning installation.

- Faucet body with single handle
- Pullout spray head
- Hose assembly
- Mounting hardware (washers, nuts, mounting shank)
- Water supply lines (often integrated or specified separately)
- Deck plate (escutcheon, for 3-hole installations, may be included or sold separately)
- Hose weight

## 4. SETUP & INSTALLATION

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### 4.1. Before You Begin

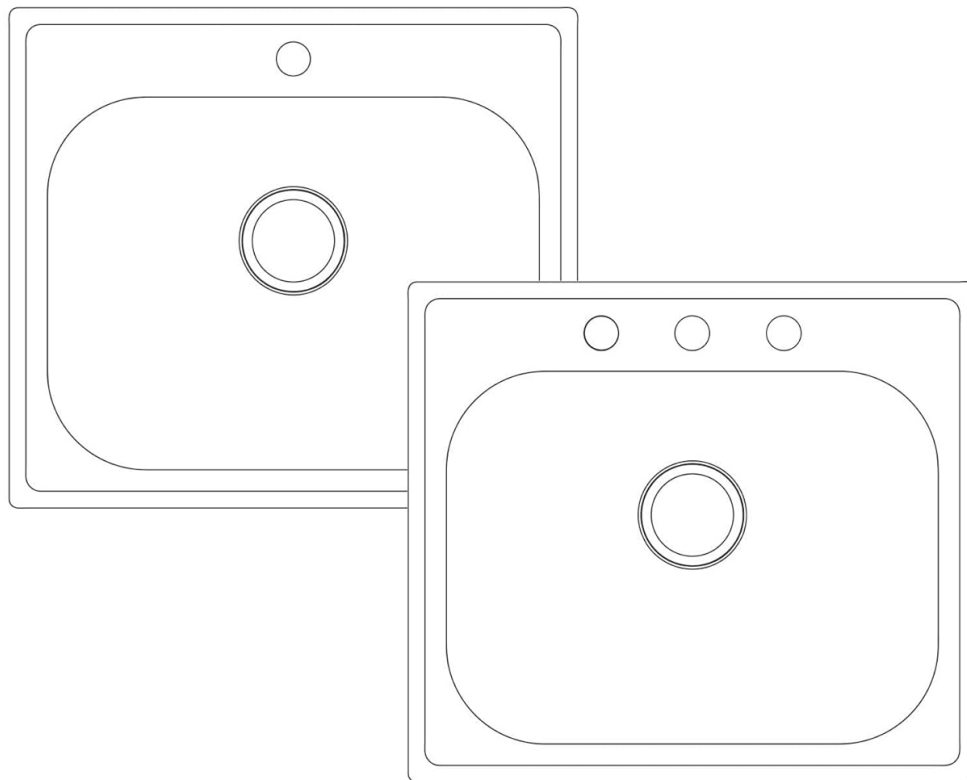
- Ensure you have all necessary tools (e.g., adjustable wrench, screwdriver, plumber's putty or silicone sealant).
- Clear the area under your sink for easy access.
- Turn off the hot and cold water supply valves under the sink or at the main water shut-off.

### 4.2. Sink Hole Configuration

The Moen CA87316W faucet is designed for installation on sinks with either a single hole or a three-hole configuration. If your sink has three holes, a deck plate (escutcheon) is typically used to cover the two unused outer holes. Refer to the diagram below to identify your sink type.

# Will this faucet fit my sink?

This faucet fits a one or three hole configuration.



*Image 4.1: Diagram illustrating compatibility with one-hole and three-hole sink configurations. The faucet can be installed directly into a single hole or with a deck plate for three-hole sinks.*

## 4.3. Faucet Installation Steps

1. **Prepare the Sink:** Clean the sink surface where the faucet will be mounted. If using a deck plate, apply a bead of plumber's putty or silicone sealant around the underside edge of the deck plate to create a watertight seal.
2. **Mount the Faucet:** Insert the faucet body through the center hole of the sink (and deck plate, if used). From underneath the sink, secure the faucet using the provided mounting hardware (washer, mounting nut), ensuring it is centered and tightened firmly.
3. **Connect Water Supply Lines:** Connect the hot and cold water supply lines from the faucet to your home's hot and cold water shut-off valves. The Moen Hydrolock quick connect system simplifies this step; ensure connections are secure and leak-free.
4. **Connect Spray Hose:** Attach the pullout spray hose to the designated connection point on the faucet's underside. Ensure the connection is secure. Attach the hose weight to the pullout hose at the recommended distance from the spray head to ensure proper retraction.
5. **Test for Leaks:** Slowly turn on the hot and cold water supply valves. Check all connections for leaks. Operate the faucet to ensure proper water flow and temperature control.

## 5. OPERATION

## 5.1. Water Flow and Temperature Control

The single lever handle controls both water flow and temperature. Lift the handle to increase water flow. Move the handle to the left for hot water and to the right for cold water. The further you move the handle, the greater the temperature change.

## 5.2. Spray Function

The pullout spray head provides flexibility for various kitchen tasks. To use, simply pull the spray head from the spout. Press the button located on the spray head to switch between an aerated stream for general washing and a powerful rinse for heavy-duty cleaning. The integrated Power Clean spray technology delivers 50 percent more spray power compared to standard pullout faucets.



*Image 5.1: The Moen CA87316W faucet in a kitchen environment, demonstrating its functional design and Glacier finish.*

## 6. CARE & MAINTENANCE

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### 6.1. Cleaning the Finish

To maintain the pristine Glacier finish of your Moen faucet, clean regularly with a soft, damp cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish and void your warranty.

### 6.2. General Maintenance

- **Check for Leaks:** Periodically inspect all connections under the sink for any signs of leaks. Tighten connections if necessary.
- **Clean Aerator:** If water flow decreases or becomes erratic, the aerator at the tip of the spray head may be clogged with debris. Unscrew the aerator, clean any mineral deposits or particles, and reattach it securely.

## 7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Low Water Flow	Partially closed supply valves, clogged aerator, kinked hose.	Ensure supply valves are fully open. Clean aerator. Check pullout hose for kinks or obstructions.
Leaks from Faucet Base	Loose mounting nut, improper sealant during installation.	Tighten mounting nut from underneath the sink. If leaks persist, reapply plumber's putty or silicone sealant.
Spray Head Does Not Retract Fully	Hose weight improperly positioned, obstruction under sink.	Adjust the position of the hose weight on the pullout hose. Clear any obstructions under the sink that may impede hose movement.
Water Temperature Issues	Incorrectly connected supply lines, water heater issues.	Verify hot and cold supply lines are connected correctly. Check your water heater settings.

## 8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Moen
Model Name	CA87316W (Renzo Style)
Recommended Uses	Kitchen
Mounting Type	Deck Mount
Finish Type	Glacier (White)
Material	Metal (Handle Material: Metal)
Number of Handles	1
Hole Count	1 (Compatible with 3-hole sinks using deck plate)
Special Features	Power Clean Spray Technology, Flexible Pullout Hose
Installation Type	Deck Mounted
Maximum Flow Rate	1.5 Gallons Per Minute
Spout Reach	9.5 Inches
Item Weight	4.4 Pounds
Product Dimensions	10"D x 8"W x 8"H
Hose Length	68 Inches
ADA Compliant	Yes

## 9. WARRANTY INFORMATION

This Moen faucet is backed by a **lifetime limited warranty** against leaks, drips, and finish defects to the original homeowner. For full warranty details, including terms, conditions, and limitations, please refer to the official Moen warranty documentation provided with your product or visit the official Moen website.

## 10. CUSTOMER SUPPORT

For further assistance, replacement parts, or warranty claims, please contact Moen customer service. You can find contact information and additional support resources on the official Moen website ([www.moen.com](http://www.moen.com)).