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Moen 87316C Renzo Kitchen Faucet Instruction Manual

Model: 87316C | Brand: Moen

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Moen 87316C Renzo Single Handle Low Arc Pullout Kitchen Faucet. This faucet features a single lever handle for precise control of water temperature and flow, a convenient pull-out spout with a 59-inch hose for extended reach, and a durable chrome finish. The design is suitable for both one-hole and three-hole sink applications and incorporates a Hydrolock quick connect system for simplified installation.

The Moen 87316C Renzo faucet is equipped with a reliable, one-piece washerless cartridge designed for long-lasting performance. Its Power Clean technology provides enhanced spray power while minimizing splash.



Image 1.1: Moen Renzo Single Handle Low Arc Pullout Kitchen Faucet in Chrome finish.



Image 1.2: The Moen Renzo faucet seamlessly integrated into a kitchen environment.



Image 1.3: Moen's commitment to U.S. Water Safety Standards.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in property damage or personal injury.

- Always turn off the main water supply before beginning any plumbing work.
- Wear appropriate personal protective equipment, such as safety glasses, during installation.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Do not use harsh chemicals or abrasive cleaners on the faucet finish, as this may cause damage.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Moen 87316C Renzo Kitchen Faucet Assembly
- Mounting Hardware
- Deck Plate (for three-hole installation)

- Installation Instructions

4. INSTALLATION INSTRUCTIONS

The Moen 87316C Renzo faucet is designed for either a one-hole or three-hole sink application.

4.1. Prepare the Sink Area

1. Turn off the hot and cold water supply valves under the sink.
2. Remove any existing faucet and clean the sink surface thoroughly.
3. If installing in a three-hole sink, ensure the deck plate is properly positioned over the outer holes.

4.2. Faucet Mounting

1. Insert the faucet body through the mounting hole(s) in the sink or deck plate.
2. From underneath the sink, secure the faucet using the provided mounting hardware. Ensure the faucet is oriented correctly before tightening.

4.3. Water Supply Connections

The faucet uses 1/2-inch IPS connections and features a Hydrolock quick connect system for stress-free attachment of the pull-out hose.

1. Connect the hot and cold water supply lines to the corresponding inlets on the faucet. Hand-tighten, then use a wrench for a quarter turn.
2. Attach the pull-out hose to the quick connect fitting under the faucet. Push firmly until you hear a click, indicating a secure connection.

MOEN

Duralock Quick Connect

Equipped with the Duralock quick connect system for easy installation, without the need for tools.

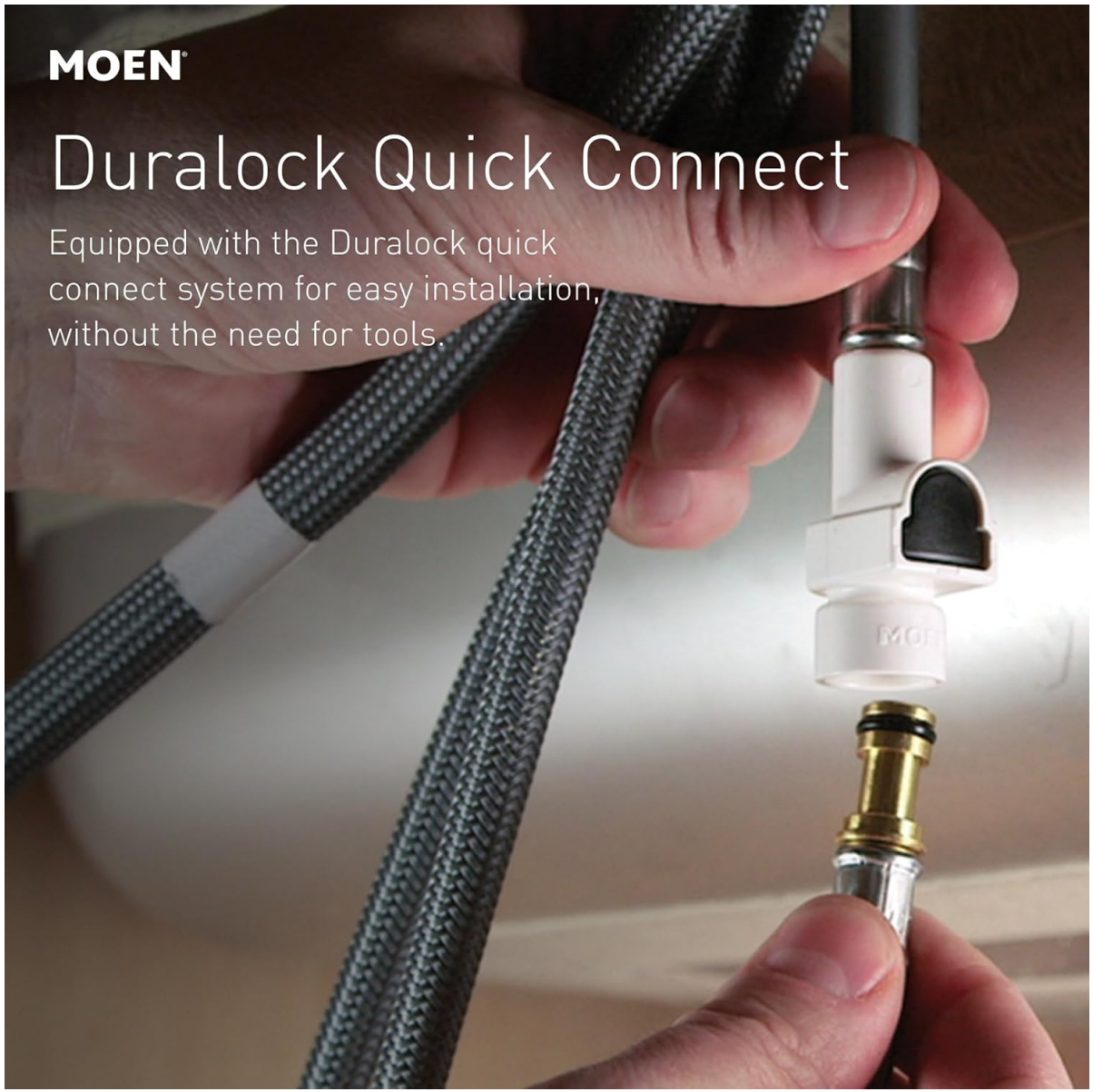


Image 4.1: The Duralock Quick Connect system for easy hose attachment.

4.4. Test for Leaks

1. Slowly turn on the hot and cold water supply valves.
2. Check all connections for leaks. Tighten any leaking connections as necessary.
3. Run water through the faucet for a few minutes to flush out any debris.

5. OPERATING INSTRUCTIONS

5.1. Water Flow and Temperature Control

The single lever handle controls both water flow and temperature.

- To turn on the water, lift the handle. The further you lift, the greater the flow.
- To adjust temperature, move the handle left for hot water and right for cold water.
- To turn off the water, push the handle down to its original position.

5.2. Pull-Out Spout and Spray Function

The pull-out spout provides flexibility for various kitchen tasks.

- Gently pull the spout head from the faucet body to extend the hose.

- The spout head typically has a button or switch to toggle between stream and spray functions. The Power Clean spray provides concentrated water pressure for efficient cleaning.
- After use, guide the spout head back into the faucet body until it is fully seated.

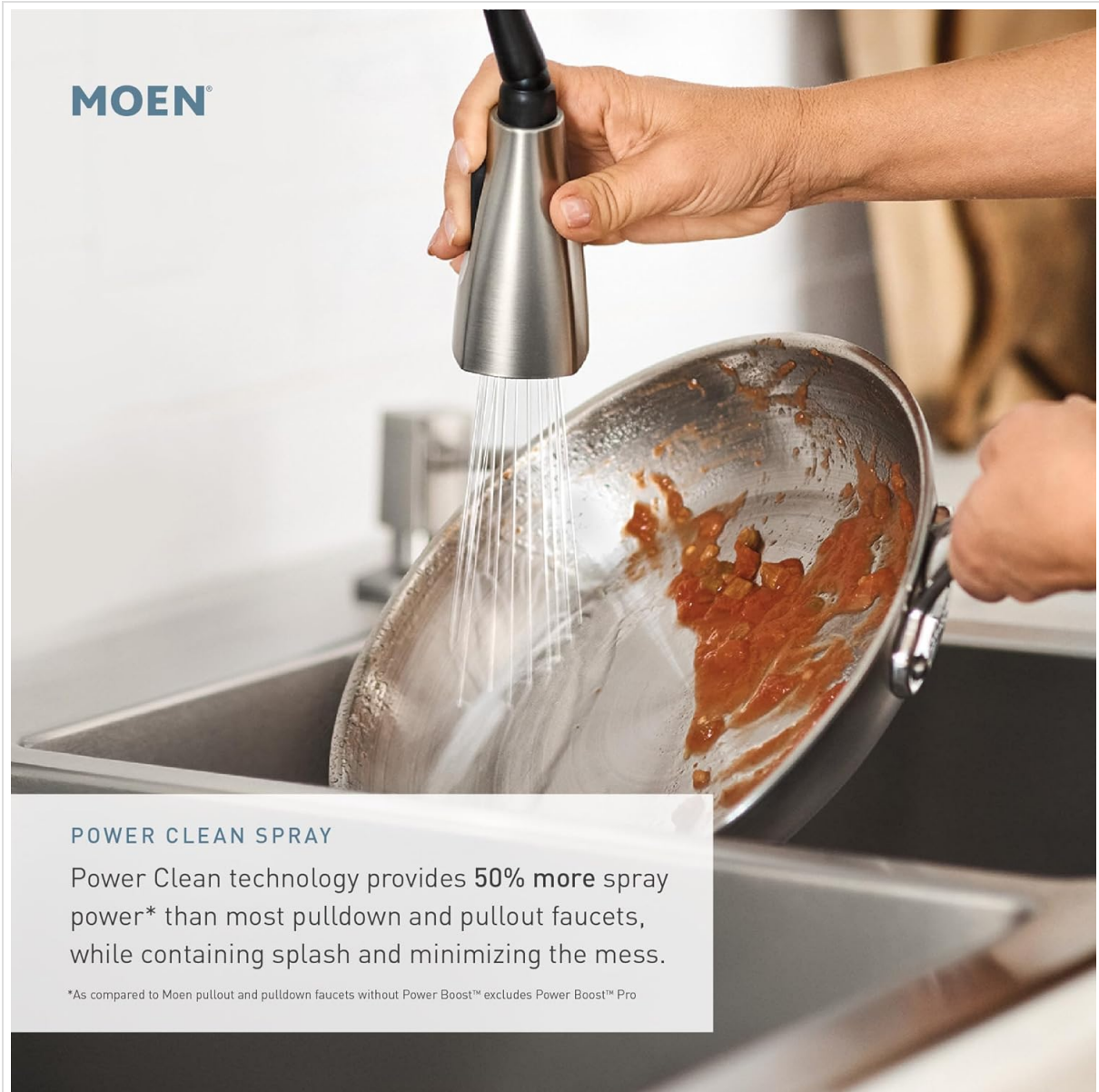


Image 5.1: The Power Clean spray feature for enhanced cleaning.

6. MAINTENANCE AND CARE

6.1. Cleaning the Faucet

To maintain the lustrous chrome finish of your Moen faucet, follow these guidelines:

- Clean regularly with a soft, damp cloth and mild soap.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.
- Avoid abrasive cleaners, harsh chemicals, ammonia, bleach, or polishes containing alcohol, as these can damage the finish.

MOEN

Chrome Finish

More like a mirrored surface than a color.
Super-polished and cool-toned to the point of
glistening for an enduring look.



Image 6.1: The durable and easy-to-clean chrome finish.

6.2. Cartridge Maintenance

The Moen 87316C faucet uses a durable, one-piece washerless cartridge. In most cases, this cartridge requires minimal maintenance. If you experience persistent drips or flow issues, the cartridge may need to be inspected or replaced. Refer to the Moen website or contact customer service for specific cartridge replacement instructions.

7. TROUBLESHOOTING

Before contacting customer service, review the common issues and solutions below.

Problem	Possible Cause	Solution
Low Water Flow	Aerator clogged with debris; partially closed supply valves.	Remove and clean the aerator; ensure supply valves are fully open.
Faucet Drips	Worn or faulty cartridge.	Replace the cartridge. Contact Moen customer service for assistance.
Leaks from Base of Faucet	Loose mounting nuts; improper sealing.	Tighten mounting nuts; ensure proper sealant application during installation.
Spray Head Does Not Retract Fully	Hose weight improperly positioned or obstructed.	Check the hose and weight under the sink for obstructions and proper placement.

8. SPECIFICATIONS

Brand	Moen
Model Name	Renzo
Model Number	87316C
Finish Type	Chrome
Material	Brass (Handle Material), Chrome (Faucet Body)
Number of Handles	1
Hole Count	1 (or 3 with deck plate)
Spout Height	5.56 Inches
Spout Reach	9.63 Inches
Hose Length	59 Inches
Mounting Hole Diameter	1.5 Inches
Valve Type	Disc Valve (Washerless)

Spout Reach

9.63"



Height

9.38"

Maximum Deck Thickness - 2"

Deckplate Included

Connection Size - 3/8"

1 or 3 Hole Installation

Image 8.1: Key dimensions of the Moen Renzo faucet.

9. WARRANTY AND SUPPORT

The Moen 87316C Renzo Kitchen Faucet is backed by a **Limited Lifetime Warranty** from Moen Incorporated. This warranty covers defects in material and manufacturing workmanship for the original consumer purchaser. For full warranty details, please refer to the documentation included with your product or visit the official Moen website. For technical assistance, replacement parts, or warranty claims, please contact Moen customer service. Contact information can typically be found on the Moen website or in the packaging materials.

10. ADDITIONAL INFORMATION

For more information about Moen products and water solutions, you may view the official brand video below.

Your browser does not support the video tag.

Video 10.1: Official Moen Brand Video, showcasing Moen's commitment to water experiences.