

Moen 87014EVRS

Moen Essie Smart Faucet 87014EVRS Instruction Manual

Model: 87014EVRS | Brand: Moen

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Moen Essie Smart Faucet, model 87014EVRS. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

Always follow basic safety precautions when installing or using this product to reduce the risk of fire, electric shock, or injury to persons.

- Ensure all water supply lines are turned off before beginning installation.
- Disconnect power to the control box before servicing.
- Use only the specified 6 D batteries or an optional AC power adapter (sold separately).
- Do not attempt to repair or modify the faucet. Contact qualified service personnel for assistance.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Smart Kitchen Faucet Assembly
- Control Box
- 6 D Batteries
- Deck Plate (if needed for 3-hole installation)
- Flexible Supply Lines with 3/8" Compression Fittings
- Instruction Manual (this document)







Figure 3.1: Main components of the Moen Essie Smart Faucet.

4. SETUP AND INSTALLATION

Installation of the Moen Essie Smart Faucet is designed to be straightforward. Follow these steps carefully:

- 1. Prepare the Sink:** Turn off the hot and cold water supply valves under the sink. Remove your old faucet. Clean the sink surface thoroughly.
- 2. Install the Faucet:** Place the faucet body through the sink hole. If your sink has multiple holes, use the included deck plate. Secure the faucet from underneath the sink using the provided mounting hardware.
- 3. Connect Water Lines:** Attach the flexible supply lines from the faucet to your hot and cold water supply valves. Ensure connections are tight to prevent leaks.
- 4. Install Control Box:** Mount the control box in an accessible location under the sink. Insert the 6 D batteries into the control box.
- 5. Connect Faucet to Control Box:** Connect the data cable and water lines from the faucet to the corresponding ports on the control box. The Duralock Quick Connect System simplifies this step.
- 6. Test Functionality:** Slowly turn on the hot and cold water supply valves. Check for leaks. Test the faucet's manual operation, then proceed to test the smart features.

5. OPERATING INSTRUCTIONS

Your Moen Essie Smart Faucet offers multiple ways to control water flow:

5.1. Manual Operation

Use the single handle to control water flow and temperature. Lift the handle for water flow, and move it left for hot water or right for cold water.



Figure 5.1: Adjusting water flow and temperature using the manual handle.

5.2. Touchless Sensor Operation

Wave your hand over the sensor located at the front of the faucet to turn water on or off. The water will flow at the temperature set by the manual handle.



Touchless Faucet

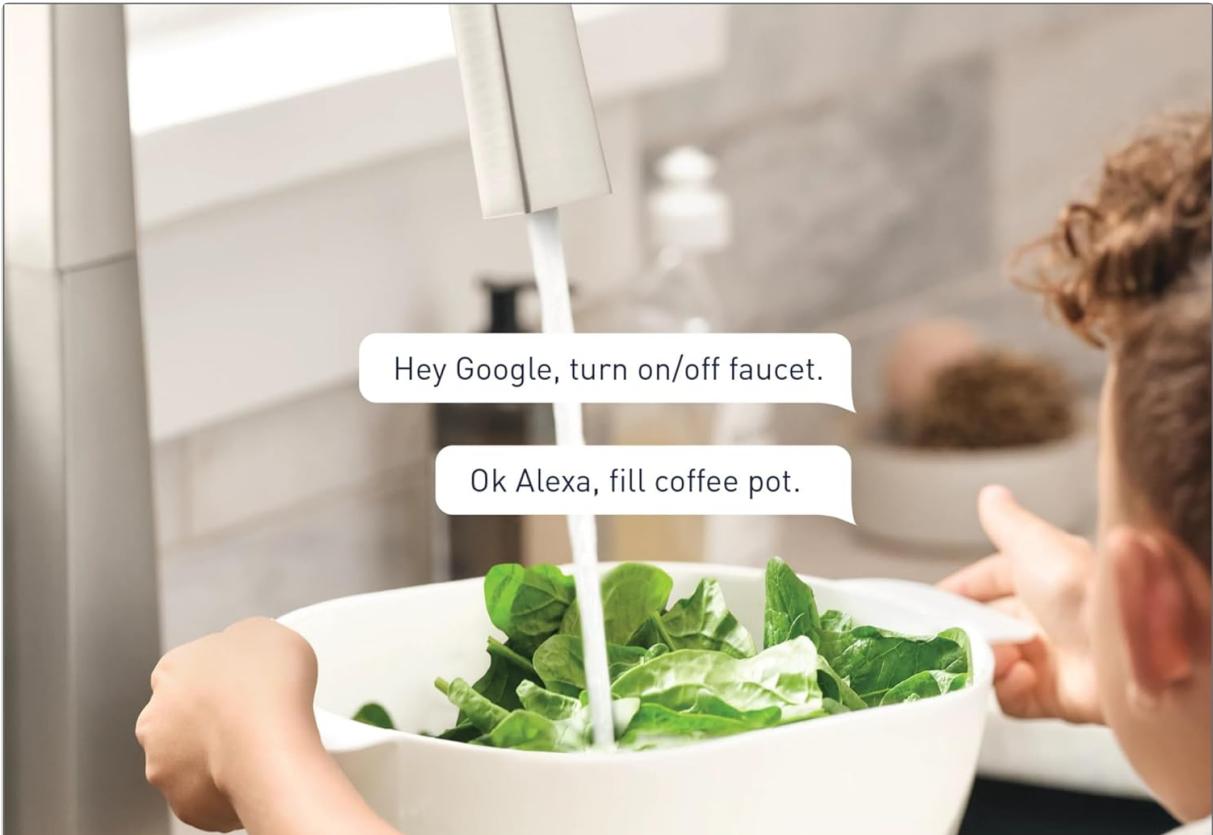
Control the water flow by using simple hand motions, your voice, or the Moen® Smart Water App.

Figure 5.2: Activating the touchless sensor for water flow.

5.3. Voice Control

Connect your faucet to Amazon Alexa or Google Assistant for hands-free voice commands. Examples include:

- "Alexa, turn on the kitchen faucet."
- "Hey Google, dispense 1 cup of 90-degree water."
- "Alexa, fill the coffee pot." (Requires custom preset in Moen Smart Water App)



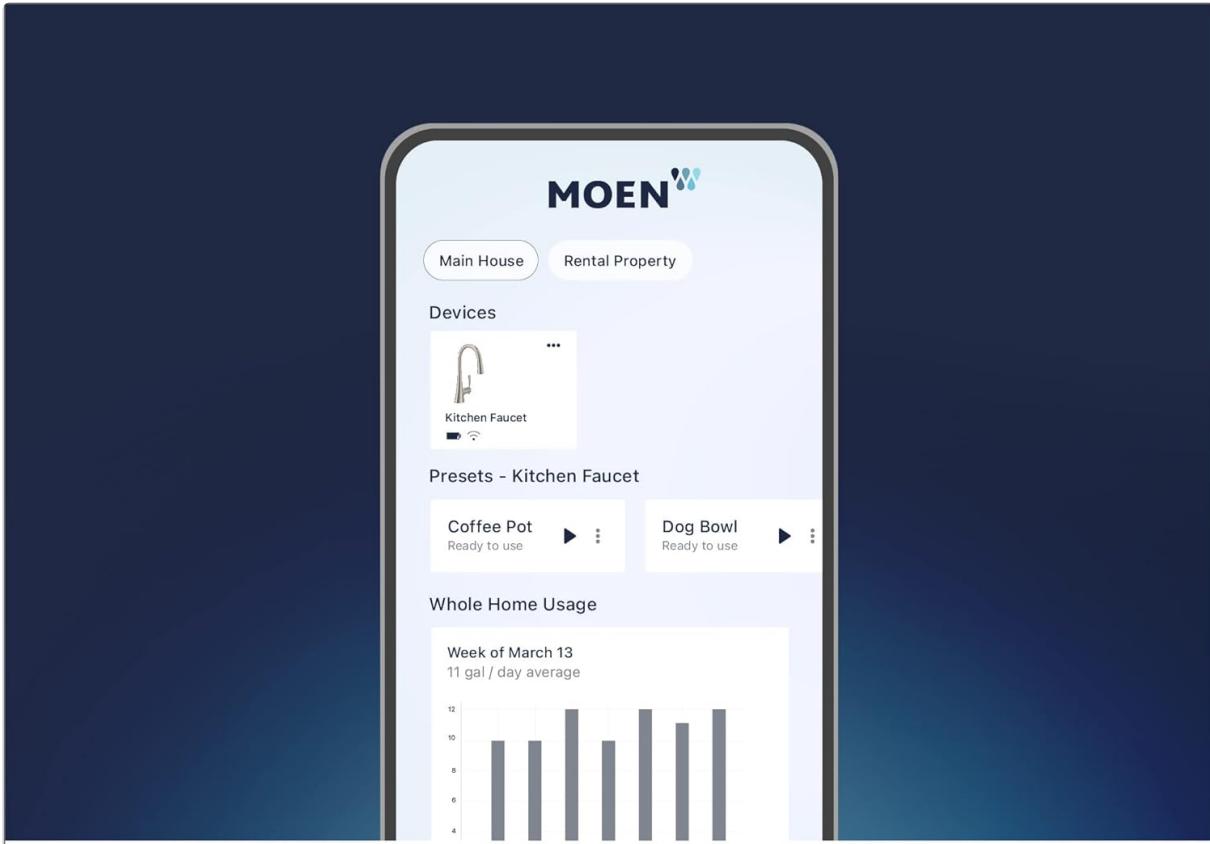
Voice Commands

Use your home's smart assistant to dispense water at desired volumes and temperatures with your voice. Customize settings and personalize commands in the Moen Smart Water App

Figure 5.3: Demonstrating voice commands for precise water dispensing.

5.4. Moen Smart Water App Control

Download the Moen Smart Water App to control your faucet, create custom presets (e.g., "Coffee Pot," "Dog Bowl"), and monitor water usage. The app provides advanced customization and tracking features.



App control

The Moen Smart Water App lets you to control and customize every interaction with water to a level that has never before been possible. The App allows you to start, stop, and pause the flow of water, create custom presets, and track daily water consumption.

Figure 5.4: The Moen Smart Water App allows for remote control and custom presets.

5.5. Pull-Down Sprayer and Power Boost

The faucet features a pull-down sprayer with two spray modes: stream and Power Boost. Press the button on the sprayer head to switch between modes. The Power Boost function provides 50% more spray power for efficient cleaning.



Figure 5.5: The pull-down sprayer with Power Boost feature and Reflex secure docking.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your faucet.

- **Cleaning:** Clean the faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners, solvents, or polishing agents, as these can damage the Spot Resist Stainless finish.
- **Spot Resist Finish:** The Spot Resist Stainless finish is designed to resist fingerprints and water spots. Wipe with a soft, damp cloth to maintain its appearance.
- **Battery Replacement:** The control box uses 6 D batteries. Replace them annually or when the low battery indicator (if available) illuminates.
- **Aerator Cleaning:** Periodically unscrew the aerator from the sprayer head and clean any mineral deposits or debris.

 MOEN® SPOT
RESIST.

WITHOUT SPOT RESIST™

Spot Resist™ Finish

Keep your faucet looking cleaner with a finish that
resists fingerprints and water spots.

Figure 6.1: The Spot Resist finish helps keep your faucet cleaner.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions:

Problem	Possible Cause	Solution
No water flow (manual or smart)	Water supply valves closed; batteries dead/low; control box disconnected.	Open water supply valves. Replace batteries. Check all connections to the control box.
Touchless sensor not responding	Sensor obstructed; low batteries; sensor malfunction.	Clear any obstructions from the sensor area. Replace batteries. Contact support if issue persists.
Voice control not working	Not connected to smart speaker; Wi-Fi issue; app not configured.	Ensure proper connection to Amazon Alexa or Google Assistant. Check Wi-Fi connectivity. Verify settings in the Moen Smart Water App.
Weak spray or irregular flow	Clogged aerator; low water pressure.	Clean the aerator. Check household water pressure.

8. SPECIFICATIONS

- **Model:** 87014EVRS
- **Brand:** Moen
- **Finish:** Spot Resist Stainless (Brushed)
- **Material:** Stainless Steel
- **Mounting Type:** Deck Mount
- **Number of Handles:** 1
- **Hole Count:** 1 (Deck Plate included for 3-hole installation)
- **Maximum Flow Rate:** 1.5 Gallons Per Minute
- **Spout Height:** 15.75 Inches
- **Spout Reach:** 7.88 Inches
- **Item Weight:** 8.3 Pounds
- **Product Dimensions:** 8.78"D x 2.31"W x 15.75"H
- **Power Source:** 6 D batteries (included) or optional AC adapter
- **Special Features:** Reflex Secure Docking, Smart Home (Voice Control, App Control), Spot Resist Finish, Touchless Sensor
- **UPC:** 026508304617



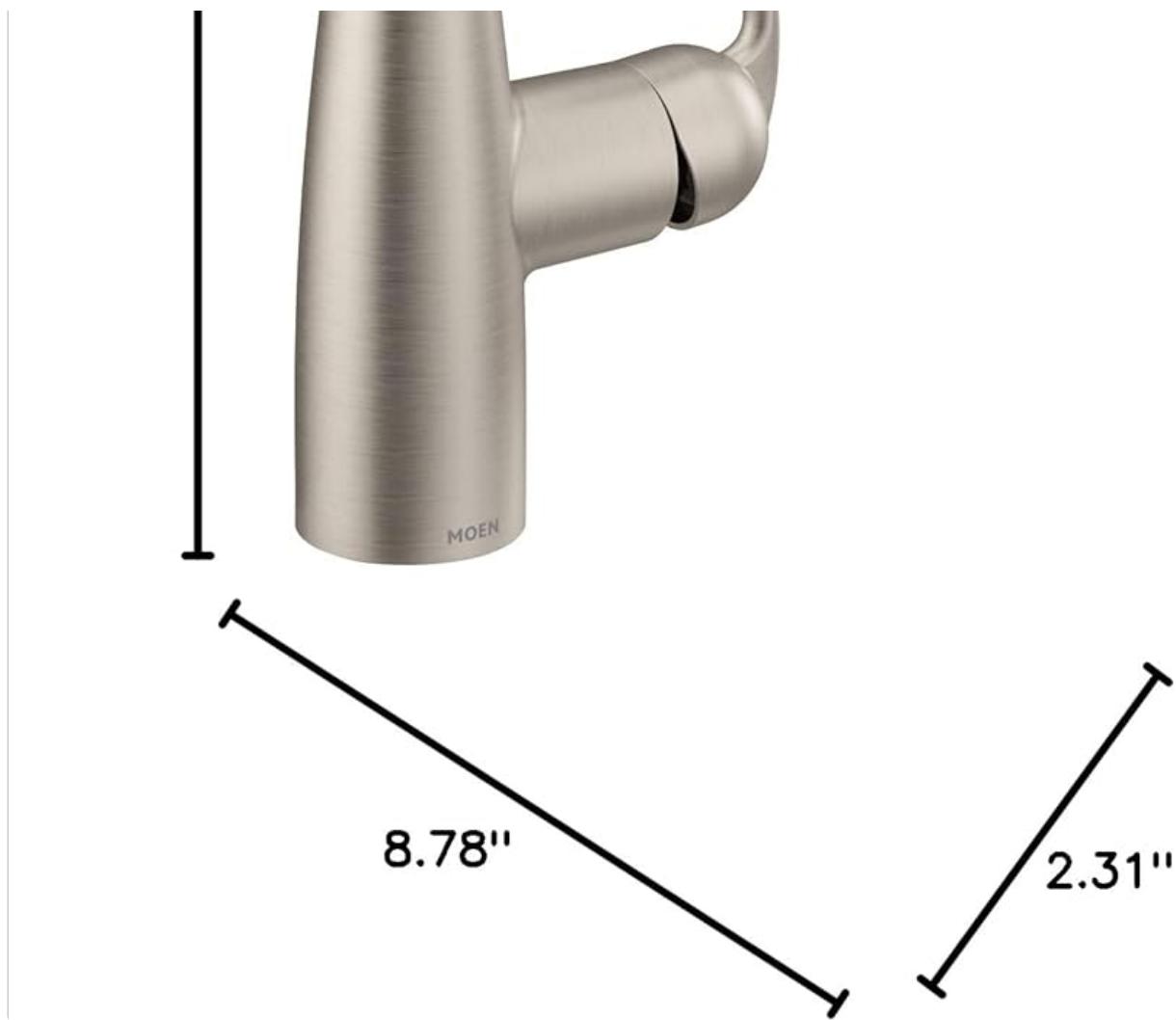


Figure 8.1: Key dimensions of the Moen Essie Smart Faucet.

9. WARRANTY & SUPPORT

Moen offers a lifetime warranty on this product. For warranty claims, technical support, or replacement parts, please contact Moen customer service directly. Refer to the official Moen website or the contact information provided in your product packaging for the most up-to-date support details.

Moen Brand Video: Learn more about Moen's commitment to water experiences.

Your browser does not support the video tag.

Video 9.1: Official Moen Brand Video showcasing their philosophy and product range.