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GROHE 31680000

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Model: 31680000

		Introduction	Safety Information	Package		
Contents	Specifications	Installation	Operation	Maintenance	Troubleshooting	Warranty & Support

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your new **GROHE BauEco 31680000 Kitchen Sink Mixer Tap**. This high-quality faucet features a flat spout, single-hole mounting, and GROHE StarLight chrome finish for durability and aesthetic appeal. It incorporates the GROHE Longlife 35 mm ceramic cartridge for smooth control and GROHE Zero technology, ensuring separate internal waterways for lead-free and nickel-free drinking water. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.



Figure 1: GROHE BauEco Kitchen Sink Mixer Tap in a kitchen setting.

2. SAFETY INFORMATION

Please observe the following safety guidelines to prevent injury or damage to the product.

- **Important Note on Water Heaters:** This faucet is designed for use with *instantaneous water heaters (closed water heaters), thermal baths, and storers*. It is **not** suitable for use with *open water heaters (low-pressure appliances)*. Using it with an incompatible water heater type may cause damage to the faucet or the water heater.
- Ensure all water supply lines are turned off before beginning installation or maintenance.
- If you are unsure about any installation steps, consult a qualified plumber.
- Do not use abrasive cleaners or solvents on the faucet's surface, as this can damage the chrome finish.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Sink mixer tap (main unit)
- Care instructions
- Installation materials (including flexible connection hoses, mounting hardware)

4. SPECIFICATIONS

Brand	GROHE
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Model Name	BauEco
Model Number	31680000
Mounting Type	Deck Mount (Single Hole)
Finish Type	Polished Chrome (GROHE StarLight)
Material	Metal
Number of Handles	1 (Lever Handle)
Special Feature	Lead Free (GROHE Zero)
Flow Rate	10.5 Liters Per Minute
Valve Type	Disc Valve (GROHE Longlife 35 mm ceramic cartridge)
Spout Design	Flat Spout
Spout Height	141 Millimeters
Spout Reach	140 Millimeters
Swivel Range	140°
Item Weight	2.2 Pounds

5. INSTALLATION

The GROHE BauEco 31680000 is designed for quick and easy installation using the GROHE QuickFix Plus system, which is tool-free for many steps. This faucet requires a single-hole deck mount.

5.1 Before You Begin

- Ensure you have all package contents as listed in Section 3.
- Turn off the main water supply to your kitchen sink.
- Clear the area under the sink for easy access.
- Review the technical drawing for dimensions and clearances.

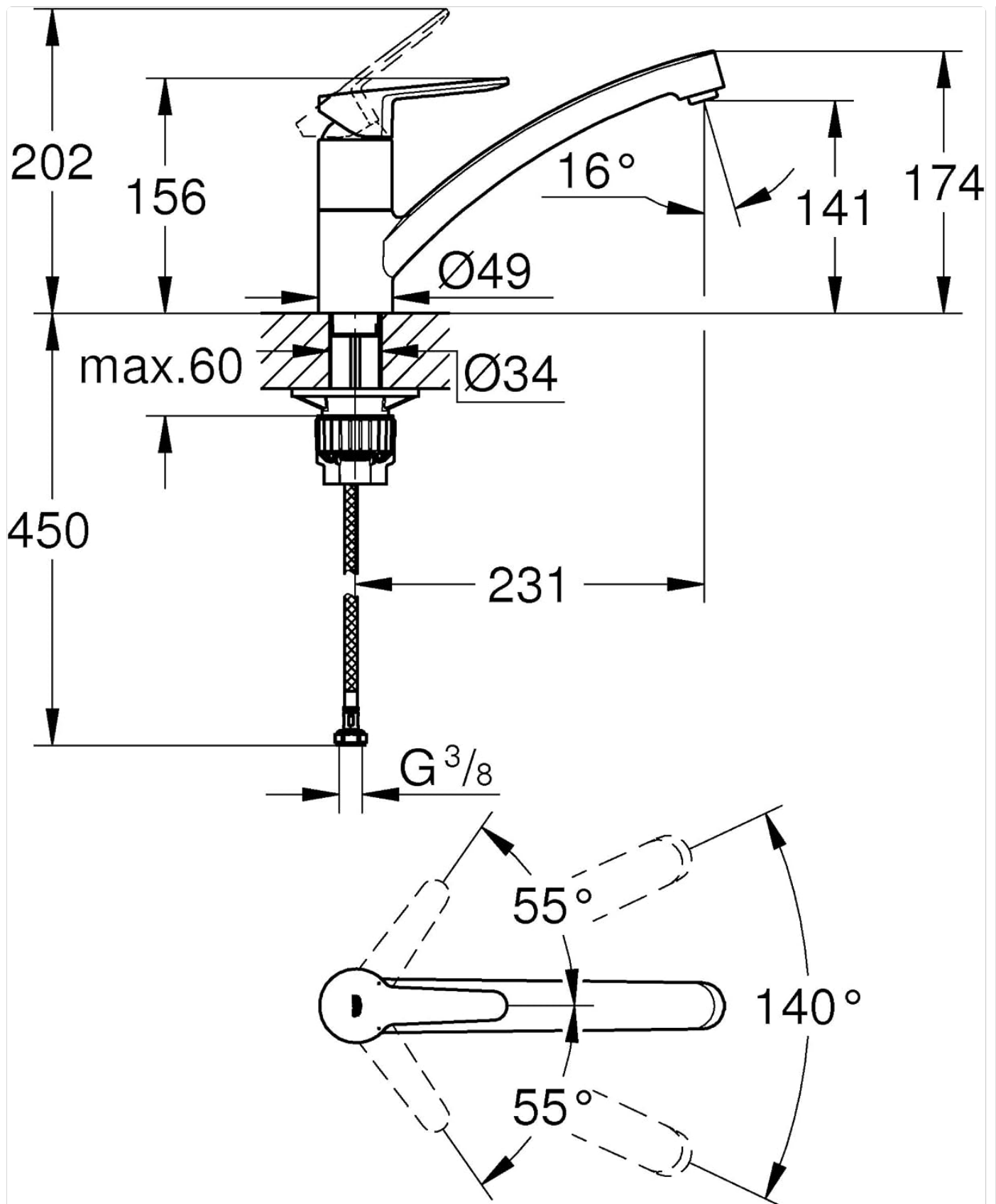


Figure 2: Technical drawing with key dimensions for installation. Note the maximum deck thickness of 60mm, a mounting hole diameter of 34mm, and G3/8 flexible connection hoses.

5.2 Installation Steps (General Guide)

1. **Prepare the Mounting Hole:** Ensure your sink or countertop has a single mounting hole with a diameter of approximately 34mm. The maximum deck thickness should not exceed 60mm.
2. **Insert the Faucet:** Place the faucet body into the mounting hole.
3. **Secure the Faucet:** From underneath the sink, attach the mounting hardware (washer, nut) and tighten it to secure the faucet firmly to the sink or countertop. The GROHE QuickFix Plus system is designed for tool-free tightening in

many cases.

4. **Connect Water Hoses:** Connect the flexible G3/8 connection hoses from the faucet to your hot and cold water supply lines. Ensure a watertight seal using appropriate tools if necessary, but avoid over-tightening.
5. **Check for Leaks:** Slowly turn on the main water supply and check all connections for any leaks.
6. **Test Operation:** Operate the faucet handle to ensure proper hot and cold water flow and temperature control.

For detailed, step-by-step visual instructions, please refer to the dedicated installation guide included in your package.

6. OPERATING INSTRUCTIONS

Your GROHE BauEco kitchen mixer tap is designed for intuitive and comfortable use.

- **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 left for hot water and right for cold water.
 - The GROHE Longlife 35 mm ceramic cartridge ensures smooth and precise control.
- **Swivel Spout:** The flat spout can swivel 140 degrees, providing flexibility for various sink tasks. Gently move the spout to the desired position.
- **GROHE Zero Technology:** The faucet features separate internal waterways, ensuring that your drinking water does not come into contact with lead or nickel from the faucet's internal components.



Figure 3: The GROHE BauEco faucet with its single lever handle for water control.

7. MAINTENANCE

Regular cleaning and maintenance will ensure the longevity and optimal performance of your GROHE BauEco faucet.

7.1 Cleaning the Surface

- Clean the GROHE StarLight chrome surface with a soft cloth and mild soap or a non-abrasive liquid cleaner.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.
- **Do not use:** Abrasive sponges, scouring pads, harsh detergents, acid-based cleaners, or cleaners containing solvents, as these can damage the finish.

7.2 Cleaning/Replacing the Mousseur (Aerator)

Over time, mineral deposits can build up in the mousseur (aerator) at the end of the spout, affecting water flow. The mousseur is designed for tool-free replacement using a coin.

1. **Remove Mousseur:** Insert a coin into the slot on the mousseur and turn counter-clockwise to unscrew it.
2. **Clean:** Rinse the mousseur under running water to remove any debris or mineral deposits. For stubborn deposits, soak in a vinegar solution.
3. **Replace:** Screw the clean mousseur back into the spout by hand, then gently tighten with a coin. Do not over-tighten.





Figure 4: Removing the mousseur (aerator) with a coin for cleaning or replacement.

8. TROUBLESHOOTING

If you encounter any issues with your faucet, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Low water flow	Clogged mousseur (aerator)	Clean or replace the mousseur as described in Section 7.2.
Water dripping from spout	Worn ceramic cartridge or debris	Contact GROHE customer support or a qualified plumber for cartridge inspection/replacement.
Leakage at connections	Loose connections or damaged seals	Ensure all connections are tight. Check and replace seals if damaged. Turn off water supply before tightening.
No hot or cold water	Water supply turned off or blocked hose	Check if the hot/cold water supply valves are fully open. Inspect flexible hoses for kinks.

If the problem persists after attempting these solutions, please contact GROHE customer support or a certified plumber.

9. WARRANTY AND SUPPORT

Manufacturer's Warranty: GROHE provides a 5-year manufacturer's warranty for this product. The specific terms and conditions of this warranty can be found in the "Further technical information" section of your product documentation or on the official GROHE website. Your statutory warranty rights remain unaffected by this manufacturer's warranty.

Customer Support: For technical assistance, spare parts, or warranty claims, please contact GROHE customer support through their official website or the contact information provided in your product packaging.

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