

hansgrohe 31804000

Hansgrohe Focus E2 Low Pressure Kitchen Sink Mixer 31804000 User Manual

Model: 31804000

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Hansgrohe Focus E2 single-lever kitchen sink mixer. This model, 31804000, is specifically designed for low-pressure water systems and features a fixed spout with a 150° swivel area. It includes a ceramic cartridge system and G 3/8 connecting hoses. Please read these instructions carefully before installation and use to ensure proper function and longevity of your product.

The Hansgrohe Focus E2 is not suitable for instantaneous water heaters.

2. SAFETY INFORMATION

- Ensure all water supply lines are shut off before beginning installation.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- If you are unsure about any step, consult a qualified plumber.
- Protect the product from frost.

3. SETUP AND INSTALLATION

The Hansgrohe Focus E2 sink mixer is designed for single-hole deck mounting. Follow these steps for proper installation:

1. **Prepare the Mounting Surface:** Ensure the sink or countertop has a single mounting hole of the appropriate diameter (typically around 34mm, refer to technical drawing for exact dimensions). The maximum mounting thickness is 60mm.
2. **Connect Hoses:** Attach the G 3/8 connecting hoses to the mixer body. Ensure a secure, watertight connection.
3. **Insert Mixer:** Place the mixer into the mounting hole.
4. **Secure Mixer:** From underneath the sink, slide the rubber gasket, metal washer, and mounting nut onto the threaded rod. Tighten the mounting nut securely to prevent movement.
5. **Connect Water Supply:** Connect the hot and cold water supply lines to the corresponding G 3/8 connecting hoses. For low-pressure systems, ensure the connections are made correctly to the under-counter unit.

6. **Check for Leaks:** Slowly turn on the main water supply and check all connections for leaks.

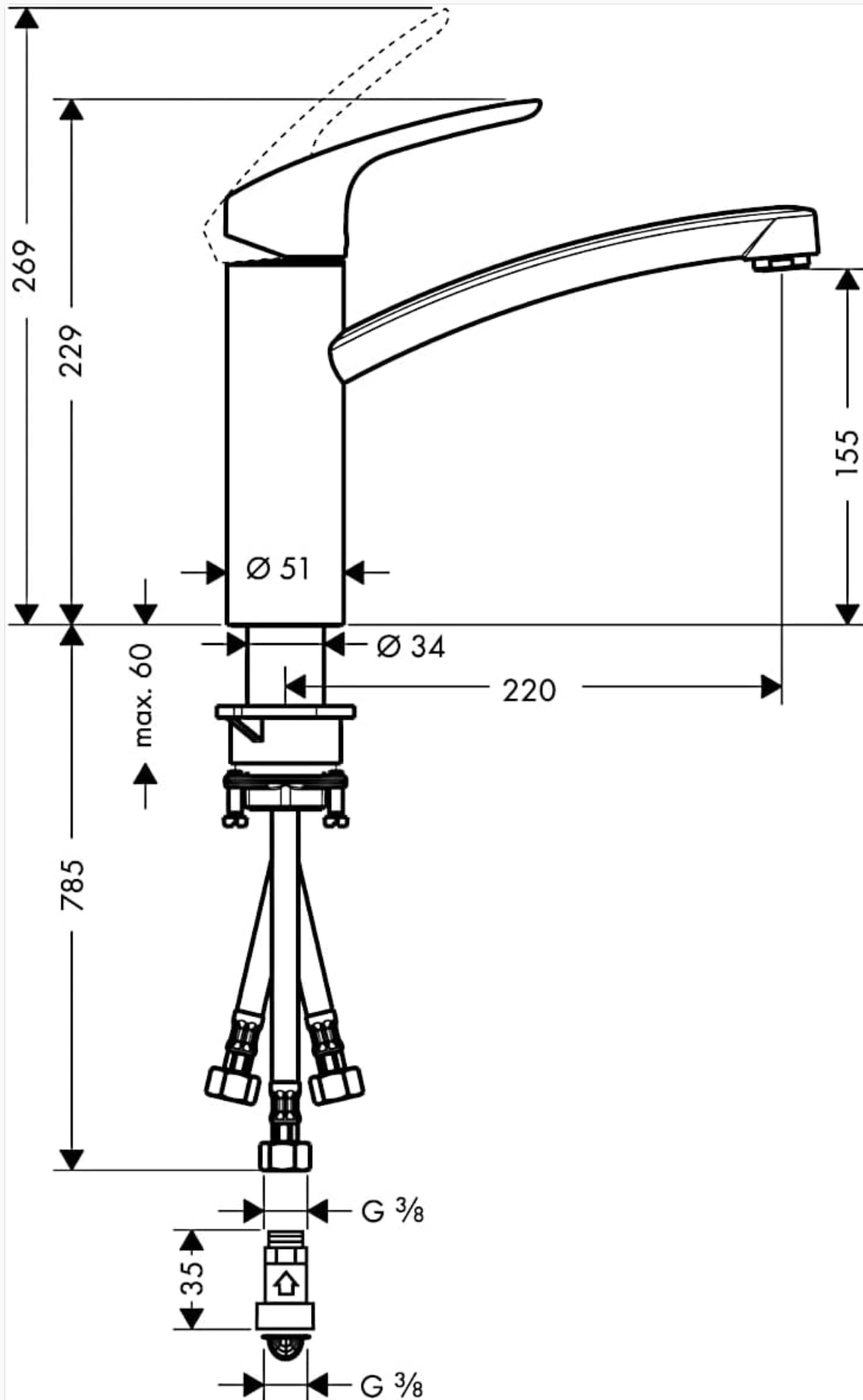


Figure 1: Technical drawing illustrating the dimensions and connection points of the Hansgrohe Focus E2 sink mixer. Key dimensions include a spout height of 155mm and a total height of 229mm to the top of the handle in the closed position.

The base diameter is 51mm, and the mounting hole diameter is 34mm. The connecting hoses are G ¾.



Figure 2: The Hansgrohe Focus E2 sink mixer installed in a contemporary kitchen setting, showcasing its chrome finish and fixed spout design next to a black sink.

4. OPERATING INSTRUCTIONS

The Hansgrohe Focus E2 is a single-lever mixer, providing easy control over water flow and temperature.

- **Water Flow Control:** Lift the lever upwards to increase water flow. Push it downwards to decrease or shut off the flow.
- **Temperature Control:** Move the lever to the left for hot water and to the right for cold water. The further you move it, the higher the proportion of hot or cold water.
- **Spout Swivel:** The fixed spout can be swiveled 150° to direct the water flow as needed within the sink area.

5. MAINTENANCE AND CARE

Proper care will ensure the lasting beauty and functionality of your Hansgrohe mixer.

- **Cleaning the Chrome Finish:** Clean the mixer with a soft cloth and a mild, non-abrasive cleaning agent. Avoid using cleaners containing alcohol, hydrochloric acid, formic acid, acetic acid, or phosphoric acid, as these can damage the chrome finish. Rinse thoroughly with clean water after cleaning and dry with a soft cloth.
- **Aerator Maintenance:** Over time, mineral deposits can accumulate in the aerator (the tip of the spout), reducing water flow. Unscrew the aerator, clean it by rinsing under running water or soaking in a descaling solution (e.g., vinegar and water), and then reattach it.

- **Ceramic Cartridge:** The ceramic cartridge is designed for long-term, maintenance-free operation. If you experience persistent drips or stiffness in the handle, it may indicate a need for professional service.

6. TROUBLESHOOTING

If you encounter issues with your mixer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Low water flow	Clogged aerator; partially closed stopcock; debris in supply lines.	Clean or replace aerator; ensure stopcocks are fully open; flush supply lines.
Leaking from spout	Worn ceramic cartridge; debris in cartridge.	Contact customer support for cartridge replacement or service.
Leaking at connections	Loose connections; damaged seals.	Tighten connections carefully; replace seals if damaged.
Stiff handle operation	Mineral buildup in cartridge; worn cartridge.	Contact customer support for service.

7. SPECIFICATIONS

- **Brand:** hansgrohe
- **Model Number:** 31804000
- **Product Type:** Single-lever kitchen sink mixer
- **Mounting Type:** Deck Mount, Single Hole
- **Finish Type:** Polished Chrome
- **Material:** Metal (body), Ceramic (handle/cartridge)
- **Color:** Chrome
- **Number of Handles:** 1
- **Spout Style:** Fixed, Swivelling outlet (150° swivel area)
- **Connection Size:** DN15
- **Connecting Hoses:** G ¾
- **Flow Rate:** 5 l/min
- **Spout Height:** 155 mm
- **Product Dimensions:** 9.69 x 2.01 x 9.02 inches (24.6 x 5.1 x 22.9 cm)
- **Item Weight:** 4.09 pounds (1.86 Kilograms)
- **Compatibility:** Low-pressure systems only. Not suitable for instantaneous water heaters.

8. WARRANTY INFORMATION

Hansgrohe products are manufactured to high-quality standards. For specific warranty terms and conditions applicable to your region, please refer to the warranty card included with your product or visit the official Hansgrohe website. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

If you require further assistance, have questions not covered in this manual, or need to order spare parts,

please contact Hansgrohe customer service. Contact details can typically be found on the Hansgrohe website or on the product packaging.

You can visit the official Hansgrohe store for more information:[Hansgrohe Store](#)

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