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Ibergrif M22109A

Ibergrif M22109A 3-Way Osmosis Kitchen Faucet Instruction Manual

INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your Ibergrif M22109A 3-Way Osmosis Kitchen Faucet. Designed for durability and convenience, this faucet delivers hot, cold, and filtered water from a single unit. Crafted from high-quality stainless steel, it offers resistance to rust and corrosion, ensuring a long product lifespan. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: Ibergrif M22109A 3-Way Osmosis Kitchen Faucet, brushed stainless steel finish.

SETUP AND INSTALLATION

The Ibergrif M22109A faucet features an easy installation system, with all necessary accessories included. Ensure you have the appropriate tools before beginning. A standard 35mm diameter hole is required for mounting the faucet.

Included Components:

- 1 x Ibergrif M22109A 3-Way Osmosis Kitchen Faucet
- 1 x Installation Kit (washers, nuts, mounting hardware)
- 3 x Flexible Hoses (for hot, cold, and filtered water connections)



Figure 2: All components included in the Ibergrif M22109A package.

Installation Steps:

1. **Prepare the Faucet:** Connect the flexible hoses to the faucet base. Ensure connections are hand-tightened, then gently snug with a wrench.
2. **Mount the Faucet:** Insert the faucet base into the pre-drilled 35mm hole on your sink or countertop.
3. **Secure the Faucet:** From underneath the sink, place the rubber washer, metal washer, and mounting nut onto the threaded rod of the faucet. Tighten the nut securely to prevent movement.
4. **Connect Water Lines:** Connect the hot water hose to the hot water supply, the cold water hose to the cold water supply, and the pure water hose to your filtered water system (e.g., reverse osmosis unit). Ensure all connections are watertight.



Figure 3: Visual guide for the four main installation steps, including hose connection, faucet placement, securing, and water line hookup.

After installation, slowly turn on the water supply and check for any leaks. Run both hot, cold, and filtered water for a few minutes to flush the lines.

OPERATING INSTRUCTIONS

The Ibergrif M22109A faucet is designed for intuitive operation, providing three distinct water flows: hot, cold, and filtered water.

Water Flow Control:

- **Hot and Cold Water:** The main lever on the right controls the flow and temperature of tap water. Move the lever up to turn on the water. Move it left for hot water and right for cold water.
- **Cold Start Feature:** When the main lever is in its central position, only cold water is supplied. Hot water flows only when the lever is moved to the left. This design helps save energy by preventing the water heater from activating unnecessarily.
- **Filtered Water:** The smaller lever on the left controls the filtered water supply. Lift this lever to dispense purified water. The filtered water is delivered through a separate internal channel and spout outlet to prevent mixing with tap water.



Figure 4: Internal water flow diagram illustrating separate paths for hot, cold, and pure water.



Figure 5: Explanation of the cold start feature, highlighting energy and water savings.

Spout Functionality:

- **360° Swivel Spout:** The faucet spout can rotate a full 360 degrees, providing flexibility and convenience for single or multiple sinks.
- **Aerator:** An integrated aerator ensures a smooth, splash-free water flow for both tap and filtered water.



Figure 6: The faucet spout demonstrating its 360-degree rotation capability.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your Ibergrif M22109A faucet.

Cleaning:

- Clean the faucet regularly with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for stainless steel.
- Avoid using abrasive cleaners, scouring pads, or harsh chemicals, as these can damage the brushed finish.

Aerator Maintenance:

Over time, mineral deposits can accumulate in the aerator, reducing water flow. The aerator can be removed for cleaning.

- Use the appropriate key (often included with the faucet or a small coin) to unscrew the aerator from the spout.
- Rinse the aerator screen under running water to remove any debris. For stubborn deposits, soak the aerator in a solution of equal parts white vinegar and water.

- Reinstall the aerator, ensuring it is securely tightened to prevent leaks.



Figure 7: Illustration of how to install and remove the aerator using the provided key.

Ceramic Cartridge:

The faucet is equipped with high-quality ceramic disc valves, designed for drip-free performance and tested for 500,000 switching cycles. These typically require no maintenance under normal use.



Figure 8: High-quality ceramic cartridge components, ensuring smooth and drip-free operation.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Low water flow	Clogged aerator; partially closed shut-off valve; low water pressure.	Clean the aerator (see Maintenance section); ensure shut-off valves are fully open; check household water pressure.
Leaks from spout or handle	Loose connections; worn O-rings or cartridge.	Check and tighten all water line connections; if leaks persist, the ceramic cartridge or O-rings may need replacement (contact support).

Problem	Possible Cause	Solution
No hot or cold water	Hot/cold water supply turned off; issue with water heater.	Ensure hot/cold water supply valves are open; check water heater functionality.
No filtered water	Filtered water supply turned off; issue with filtration system.	Ensure filtered water supply valve is open; check your external filtration system for proper operation.

If these solutions do not resolve the issue, please contact Ibergrif customer support or a qualified plumber.

SPECIFICATIONS

Model Number	M22109A
Brand	Ibergrif
Material	Stainless Steel
Finish	Brushed
Dimensions (L x W x H)	32 x 25.5 x 5 cm (12.6 x 10 x 2 inches)
Weight	2.42 kg (5.34 lbs)
Installation Method	Single Hole (35mm diameter recommended)
Number of Handles	2 (one for tap water, one for filtered water)
Spout Height	11 inches (281mm)
Spout Reach	10 inches (255mm)
Special Features	360° Rotatable Spout, 3-Way Water Delivery (Hot, Cold, Filtered), Ceramic Disc Valves, Cold Start Function
Maximum Working Pressure	10 bar
Maximum Working Temperature	90 °C

WARRANTY AND SUPPORT

For specific warranty details, please refer to the documentation provided with your purchase or contact your retailer. Ibergrif products are manufactured to high standards, and the ceramic cartridge is designed for long-term, drip-free performance.

Customer Support:

If you require further assistance, have questions about installation, operation, or need to report a defect, please contact Ibergrif customer service. Contact information can typically be found on the Ibergrif website or through your product retailer.