

Franke SMA-PO-CHR

Franke SMA-PO Smart 1.75 GPM Single Hole Pull Out Kitchen Faucet

USER MANUAL

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1. Introduction

Thank you for choosing the Franke SMA-PO Smart 1.75 GPM Single Hole Pull Out Kitchen Faucet. This manual provides essential information for the proper installation, operation, and maintenance of your new faucet. Please read these instructions thoroughly before beginning installation or use to ensure safe and efficient performance. Keep this manual for future reference.

2. Safety Information

Always observe the following safety precautions during installation and use:

- Turn off the main water supply before beginning any installation or repair work.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Ensure all connections are secure to prevent leaks.
- Do not overtighten connections, as this can damage components.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Keep children away from the work area and plumbing tools.

3. Package Contents

Verify that all components are present before beginning installation. If any parts are missing or damaged, contact Franke customer support.

- Faucet body with single lever handle
- Pull-out spray head with hose
- Mounting hardware (washer, nut, mounting bracket)
- Hot and cold water supply lines
- Weight for pull-out hose

- Installation instructions (this manual)



Figure 1: Franke SMA-PO Smart Kitchen Faucet and included components. Ensure all parts are accounted for before proceeding with installation.

4. Setup & Installation

This faucet is designed for single-hole, deck-mounted installation. Follow these steps carefully:

1. **Prepare the Installation Area:** Turn off the hot and cold water supply valves under the sink. Clear the area around the faucet hole. Remove any existing faucet.
2. **Install the Faucet Body:** Insert the faucet body into the single hole on your sink or countertop. Ensure the handle is positioned correctly.
3. **Secure the Faucet:** From underneath the sink, slide the rubber washer, metal washer, and mounting nut onto the threaded shank of the faucet. Hand-tighten the nut, then use a basin wrench to fully secure it. Do not overtighten.
4. **Connect Water Supply Lines:** Attach the hot and cold water supply lines from the faucet to the corresponding hot

and cold water supply valves. Use a wrench to tighten connections, but do not overtighten.

5. **Install the Pull-Out Hose:** Connect the pull-out spray hose to the designated port on the faucet's underside. Ensure a secure connection.
6. **Attach the Hose Weight:** Clip the hose weight onto the pull-out hose at a point that allows the spray head to retract fully and smoothly.
7. **Test for Leaks:** Slowly turn on the hot and cold water supply valves. Check all connections for leaks. If leaks are present, tighten the connections slightly until they stop.
8. **Flush the Faucet:** Remove the spray head and turn on the water to flush out any debris from the lines. Run water for approximately one minute. Reattach the spray head.



Figure 2: General installation steps for a single-hole pull-out kitchen faucet. Refer to specific diagrams for detailed component placement.

5. Operation

Your Franke SMA-PO faucet features a single lever handle, a pull-out spray head with two spray functions, and a swivel spout.

- **Water Flow and Temperature:** The single lever handle controls both water flow and temperature.
 - Lift the handle to increase water flow.
 - Push the handle down to decrease or stop water flow.
 - Move the handle to the left for hot water.
 - Move the handle to the right for cold water.
- **Pull-Out Spray Head:** Grasp the spray head and pull it out from the spout. The hose allows for extended reach within and around the sink.
- **Spray Functions:** The spray head typically has buttons or a toggle to switch between two spray functions (e.g., aerated stream and powerful spray). Press the button to select your desired spray pattern.
- **Swivel Spout:** The faucet spout can swivel 110 degrees, providing flexibility and access to all areas of your sink.



Figure 3: Illustrates the single lever handle for temperature and flow control, and the pull-out spray head with dual functions.

6. Maintenance

Regular maintenance will help preserve the finish and functionality of your Franke faucet.

- **Cleaning the Finish:** Clean the polished chrome finish with a soft, damp cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish. Rinse thoroughly and dry with a soft cloth to prevent water spots.
- **Aerator Cleaning:** If water flow decreases, the aerator may be clogged. Unscrew the aerator from the spray head, rinse any debris, and reattach.
- **Ceramic Disc Cartridge:** The faucet uses a durable ceramic disc cartridge. If leaks occur from the handle or flow issues persist after aerator cleaning, the cartridge may need inspection or replacement. This typically requires professional assistance.
- **Hose Weight:** Ensure the hose weight is securely attached and does not interfere with the smooth retraction of the pull-out hose.

7. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Low water flow	Clogged aerator; partially closed supply valves; debris in water lines.	Clean aerator. Ensure supply valves are fully open. Flush water lines.
Faucet leaks from handle	Loose cartridge nut; worn ceramic disc cartridge.	Tighten cartridge nut (do not overtighten). Replace cartridge if worn (professional recommended).
Faucet leaks from spout	Worn cartridge.	Replace cartridge (professional recommended).
Pull-out spray head does not retract fully	Hose weight improperly positioned or obstructed.	Adjust hose weight position. Clear any obstructions under the sink.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Franke customer support.

8. Specifications

Brand	Franke
Model Number	SMA-PO-CHR
Finish Type	Polished Chrome
Material	Stainless Steel
Mounting Type	Deck Mount, Single Hole
Number of Handles	1
Special Feature	Pull Down Sprayer (2 spray functions)
Flow Rate	1.75 gallons-per-minute (GPM)
Faucet Hole Size	1-3/8"

Max Deck Thickness	2"
Height (deck to top of faucet)	8-7/8"
Spout Height (deck to spout outlet)	6-1/16"
Spout Reach (center of faucet body to center of spout outlet)	8-7/16"
Swivel Spout Rotation	110 degrees
Item Weight	7.28 pounds
Product Dimensions	1 x 1 x 1 inches <i>(Note: This dimension appears to be a placeholder and may not reflect actual product size.)</i>

9. Warranty Information

The Franke SMA-PO Smart Kitchen Faucet is covered under Franke's limited warranty. The faucet body, constructed of stainless steel, is included in this coverage. For specific terms, conditions, and duration of your warranty, please refer to the official warranty documentation provided with your purchase or visit the Franke official website. Keep your proof of purchase for warranty claims.

10. Customer Support

If you have any questions, require technical assistance, or need to order replacement parts, please contact Franke customer support. You can typically find contact information on the Franke official website or on the packaging of your product.

Please have your model number (SMA-PO-CHR) and date of purchase available when contacting support.

