

BWE 4553

BWE Kitchen Sink Faucet (Model 4553) Instruction Manual

Matte Black Single Handle Pull-Down Sprayer with Deck Plate

1. INTRODUCTION

Thank you for choosing the BWE Kitchen Sink Faucet Model 4553. This manual provides essential information for the safe installation, proper operation, and effective maintenance of your new kitchen faucet. Please read these instructions thoroughly before installation and retain them for future reference.

2. PRODUCT OVERVIEW

The BWE Kitchen Sink Faucet Model 4553 features a modern design with a matte black finish, a single handle for temperature and flow control, and a convenient pull-down sprayer. It is designed for both 1-hole and 3-hole sink installations, with an included deck plate.

Key Features:

- **3-Function Sprayer:** Offers Stream, Spray, and Sweep modes to meet various washing requirements.
- **Easy Match Design:** Premium matte black finish resists fingerprints and water spots, complementing most kitchen styles.
- **Easy Installation:** Designed for 1 or 3-hole setups, includes a 10-inch escutcheon, and features pre-installed pull-down hose and water line hoses for simplified installation.
- **User-Friendly Operation:** Single handle controls water temperature and flow volume. High arc design with 360-degree swivel provides full range washing.
- **Premium Quality:** Constructed with solid brass and equipped with a reliable ceramic cartridge tested for 500,000 open/close cycles, ensuring durability and longevity.



Image: BWE Kitchen Sink Faucet Model 4553 in matte black with pull-down sprayer and single handle.

3. SPECIFICATIONS

Attribute	Specification
Brand	BWE
Model Name	Kitchen Sink Faucet (Model 4553)
Color	Black
Material	Brass
Finish Type	Matte Black
Mounting Type	Deck Mount
Number of Handles	1
Hole Count	1 or 3 (with included deck plate)
Special Feature	360 Swivel
Spout Height	4.5 Inches
Spout Reach	9.4 Inches
Item Weight	6.6 Pounds
Product Dimensions	8.86 x 1.18 x 16.73 inches
Included Components	Faucet, Deck Plate, Handle, Sprayer, Hot & Cold Hoses

Detail Size



Image: Detailed dimensions of the BWE Kitchen Sink Faucet, showing height, width, and spout reach.

4. SAFETY INFORMATION

- Always turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure all connections are secure to prevent leaks. Do not overtighten.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Keep small parts away from children.

5. INSTALLATION INSTRUCTIONS

Before you begin, ensure you have all necessary tools and components. The faucet is designed for either a 1-hole or 3-hole installation. For 3-hole sinks, use the included deck plate.

Required Tools (Not Included):

- Adjustable Wrench
- Phillips Head Screwdriver
- Plumber's Putty or Silicone Sealant
- Flashlight
- Bucket
- Teflon Tape

Installation Steps:

1. **Prepare the Sink:** Turn off the water supply at the main valve. Clear the area under the sink. If replacing an old faucet, remove it and clean the sink surface.
2. **Install Deck Plate (if needed):** If your sink has three holes, place the rubber gasket on the deck plate, then place the deck plate over the sink holes.
3. **Mount the Faucet:** Insert the faucet body through the center hole of the sink (and deck plate, if used). Ensure the faucet is oriented correctly.
4. **Secure the Faucet:** From underneath the sink, slide the rubber washer, metal washer, and mounting nut onto the threaded shank. Hand-tighten the mounting nut, then use an adjustable wrench to secure it firmly.
5. **Connect Water Supply Lines:** Connect the pre-installed hot and cold water supply lines to your angle stops. The hot water line is typically on the left, and the cold water line on the right. Use an adjustable wrench to tighten connections, but do not overtighten.
6. **Install Gravity Ball:** Attach the gravity ball to the pull-down hose underneath the sink. Position it approximately 6-8 inches from the bottom of the sprayer head when the sprayer is docked. This ensures proper retraction.
7. **Check for Leaks:** Turn on the main water supply slowly and check all connections for leaks. Run the faucet for a few minutes to flush out any debris and check for proper operation.



Image: Visual guide showing six steps for faucet installation, including hose connection and gravity ball placement.

6. OPERATION

Your BWE Kitchen Sink Faucet is designed for ease of use and versatility.

Handle Operation:

- **Water Flow:** Lift the handle to turn on the water. The further you lift, the greater the flow.
- **Temperature Control:** Move the handle to the left for hot water and to the right for cold water.

Sprayer Operation:

The pull-down sprayer offers three distinct spray modes:

- **Stream Mode:** Ideal for filling pots and general washing.
- **Spray Mode:** Provides a wider spray for rinsing dishes and cleaning the sink.
- **Sweep Mode:** A powerful blade of water for removing stubborn food residues.

Press the buttons on the sprayer head to switch between these modes. The sprayer can be pulled down from the main faucet body for extended reach and flexibility.

3-FUNCTION SPRAYHEAD



Image: Close-up of the 3-function sprayer head showing different water modes.



Image: Faucet in stream mode, showing a steady flow of water.



Image: Faucet in spray mode, showing a wide spray pattern.



Image: Faucet in sweep mode, showing a powerful blade of water.



Image: A hand using the pull-down sprayer to clean a plate in a sink.



Image: A hand holding the pull-down sprayer to fill a glass with water.

7. MAINTENANCE AND CLEANING

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

- **Cleaning the Finish:** Use a soft, damp cloth and mild soap to clean the faucet surface. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the matte black finish.
- **Cleaning the Sprayer Nozzles:** Over time, mineral deposits may accumulate in the sprayer nozzles. Gently rub the rubber nozzles with your finger or a soft brush to dislodge any buildup.
- **Aerator Maintenance:** If water flow becomes restricted, the aerator may be clogged. Unscrew the aerator from the sprayer head, clean any debris, and rinse it before reattaching.
- **Check for Leaks:** Periodically inspect all connections under the sink for any signs of leaks. Tighten connections if necessary.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Low water flow	Clogged aerator or mineral buildup in sprayer nozzles.	Clean or replace the aerator. Rub rubber nozzles to clear deposits. Check water supply valves are fully open.
Leaking at connections	Loose connections or worn washers.	Tighten connections with an adjustable wrench. Ensure Teflon tape was used on threaded connections. Replace washers if damaged.
Sprayer does not retract fully	Gravity ball is not positioned correctly or is obstructed.	Adjust the position of the gravity ball on the hose. Ensure there are no obstructions under the sink preventing the hose from moving freely.
Water temperature issues	Hot/cold water supply lines are reversed or angle stops are not fully open.	Verify hot and cold supply lines are connected correctly. Ensure both hot and cold water supply valves are fully open.

9. WARRANTY AND SUPPORT

This BWE Kitchen Sink Faucet comes with a limited warranty. For specific warranty details, please refer to the product packaging or contact BWE customer service.

Customer Support:

If you encounter any issues not covered in this manual or require further assistance, please contact BWE customer support through the retailer where the product was purchased or visit the official BWE website for contact information.