Lacava RA051-BG

Lacava RA051-BG Design Round Bottle Trap User Manual

Model: RA051-BG

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Lacava RA051-BG Design Round Bottle Trap. Please read this manual thoroughly before installation and retain it for future reference. Proper installation and care will ensure optimal performance and longevity of your product.

2. Safety Information

Always observe basic safety precautions when installing or servicing plumbing fixtures. Failure to follow these instructions could result in property damage or personal injury.

- Ensure the water supply is turned off before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Keep small parts out of reach of children.

3. Parts List

Verify that all components are present and undamaged before beginning installation. The typical components for the Lacava RA051-BG bottle trap include:

- Bottle Trap Body (main cylindrical unit)
- Wall Tube (horizontal pipe connecting to wall drain)
- Waste Pipe (vertical pipe connecting to basin drain)

- Wall Flange/Escutcheon (decorative cover for wall connection)
- Sealing Washers and Gaskets
- Connection Nuts

4. Installation Instructions

4.1. Tools Required

- Adjustable Wrench or Pliers
- Screwdriver (if wall mounting bracket is used)
- Measuring Tape
- Pencil
- Thread Seal Tape (optional, for extra sealing)

4.2. Step-by-Step Installation

1. **Prepare the Area:** Turn off the water supply to the basin. Remove any existing trap or plumbing. Clean the basin drain and wall drain openings.
2. **Attach Waste Pipe to Basin:** Connect the vertical waste pipe of the bottle trap to the basin's drain tailpiece. Ensure all washers are correctly seated and hand-tighten the connection nut.
3. **Install Wall Flange:** Slide the decorative wall flange onto the horizontal wall tube.
4. **Connect Wall Tube to Wall Drain:** Insert the wall tube into the wall drain opening. Ensure a proper seal with the provided washer.
5. **Assemble Bottle Trap Body:** Connect the bottle trap body to both the waste pipe and the wall tube. Adjust the height and alignment as needed. The Lacava RA051-BG offers a maximum height adjustment of 14 inches. Ensure all connections are straight and not strained.
6. **Tighten Connections:** Hand-tighten all connection nuts first. Then, use an adjustable wrench or pliers to gently tighten them further, being careful not to overtighten, which can damage washers or threads.
7. **Position Wall Flange:** Slide the wall flange flush against the wall to cover the wall drain opening.
8. **Test for Leaks:** Turn on the water supply and run water through the basin drain. Carefully inspect all connections for any signs of leaks. If leaks are detected, tighten the respective connection slightly or re-seat the washer.



Image 1: The Lacava RA051-BG Design Round Bottle Trap, showcasing its brushed gold finish and adjustable design. This image illustrates the main components including the wall connection, horizontal tube, and the cylindrical trap body.

5. Operation

The Lacava RA051-BG Design Round Bottle Trap functions as a passive plumbing device. Its primary purpose is to create a water seal that prevents sewer gases from entering your living space through the drain, while allowing wastewater to flow freely into the drainage system. No specific user interaction is required for its operation beyond ensuring water flows through the basin drain regularly to maintain the water seal.

6. Maintenance

Regular maintenance will help keep your bottle trap functioning efficiently and maintain its aesthetic appeal.

- **Cleaning:** Clean the exterior of the bottle trap regularly with a soft cloth and mild soap and water. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the brushed gold finish.
- **Inspection:** Periodically check all connections for any signs of leaks or corrosion. Tighten connections if necessary.
- **Clearing Clogs:** If a clog occurs, the bottle trap can be disassembled for cleaning. Place a bucket underneath the trap to catch any water. Unscrew the bottom cap or the main body connections to access and clear any debris. Reassemble carefully, ensuring all washers are correctly positioned to prevent leaks.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Leaks at connections	Loose connection nuts, improperly seated washers, damaged washers.	Tighten connection nuts. Ensure washers are correctly seated. Replace damaged washers.
Slow drainage	Partial clog in the trap or drain pipe.	Disassemble the bottle trap and clear any debris. Check the basin drain and wall drain for obstructions.
Sewer gas odor	Water seal has evaporated (if drain unused for long periods), trap is improperly installed, or a leak is present.	Run water into the basin to replenish the water seal. Check for leaks and proper installation.

8. Specifications

- **Model:** RA051-BG
- **Brand:** Lacava
- **Type:** Design Round Bottle Trap
- **Finish:** Brushed Gold
- **Maximum Height Adjustment:** 14 inches
- **Application:** Bathroom Fixture Hardware

9. Warranty and Support

For information regarding warranty coverage or technical support for your Lacava RA051-BG bottle trap, please refer to the official Lacava website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

© 2025 Lacava. All rights reserved.