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PROFLO PFPTB500



PROFLO PFPTB500 Cast Brass Sink Trap with Cleanout Instruction Manual

Model: PFPTB500

1. PRODUCT OVERVIEW

The PROFLO PFPTB500 is a durable cast brass sink trap designed for plumbing installations. This P-trap features a chrome finish and includes a cleanout outlet, which facilitates easy access for maintenance and unclogging. It is engineered for standard sink connections, ensuring efficient wastewater drainage and preventing sewer gases from entering your living space.



Image 1.1: PROFLO PFPTB500 Cast Brass Sink Trap with Chrome Finish.

- **Material:** Cast brass for durability and corrosion resistance.
- **Finish:** Chrome, providing a sleek and protective surface.
- **Connections:** Designed for 1-1/4" x 1-1/2" plumbing connections.
- **Length:** Approximately 4-1/4 inches.
- **Feature:** Integrated cleanout outlet for convenient access.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these guidelines may result in property damage or injury.

- Always turn off the water supply before beginning any plumbing work.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Ensure all connections are tight to prevent leaks. Do not overtighten, as this can damage components.
- If you are unsure about any step, consult a qualified plumber.
- Keep small parts away from children.

3. SETUP AND INSTALLATION

This section provides general guidance for installing the PROFLO PFPTB500 sink trap. Specific plumbing configurations may vary.

Required Tools (Not Included):

- Adjustable wrench or channel locks
- Plumber's putty or thread sealant (if required by local codes)
- Bucket or pan to catch residual water
- Rag or towel

Installation Steps:

1. **Prepare the Area:** Turn off the water supply to the sink. Place a bucket or pan under the existing trap to catch any water.
2. **Remove Old Trap (if applicable):** Loosen the slip nuts on the old trap and carefully remove it. Clean any debris from the drain pipe and tailpiece.
3. **Assemble the New Trap:** The PROFLO PFPTB500 sink trap typically comes pre-assembled or with minimal assembly required. Ensure all washers and gaskets are correctly seated.
4. **Connect to Tailpiece:** Slide a slip nut and washer onto the sink's tailpiece. Connect the upper end of the P-trap to the tailpiece and hand-tighten the slip nut.
5. **Connect to Wall Drain:** Slide a slip nut and washer onto the wall drain pipe. Connect the lower end of the P-trap to the wall drain and hand-tighten the slip nut.
6. **Align and Tighten:** Ensure the trap is properly aligned and level. Hand-tighten all slip nuts, then use an adjustable wrench to tighten them an additional quarter to half turn. **Do not overtighten.**
7. **Check for Leaks:** Turn on the water supply and run water into the sink. Carefully inspect all connections for any leaks. Tighten slightly if necessary.



Image 3.1: Another view of the PROFLO PFPTB500 sink trap, showing connection points.

4. OPERATION

The PROFLO PFPTB500 sink trap functions as a critical component of your sink's drainage system. Its primary purpose is to create a water seal that prevents unpleasant sewer gases from entering your home through the drain. The "P" shape of the trap holds a small amount of water, forming this barrier.

The integrated **cleanout outlet** provides a convenient access point. In the event of a clog, this cap can be removed to allow for direct access to clear obstructions without having to disassemble the entire trap. This feature simplifies maintenance and reduces the effort required for clog removal.

5. MAINTENANCE

Regular maintenance will ensure the longevity and proper function of your PROFLO PFPTB500 sink trap.

- **Regular Cleaning:** Periodically flush the drain with hot water to help prevent grease and soap buildup.
- **Cleanout Usage:** If a clog occurs, place a bucket under the cleanout cap. Carefully unscrew the cap

to access the trap interior. Use a drain snake or similar tool to remove the obstruction. Once cleared, replace the cap and ensure it is hand-tightened to prevent leaks.

- **Avoid Harsh Chemicals:** Do not use harsh chemical drain cleaners, as these can damage the trap's finish or internal components over time. Opt for enzymatic cleaners or mechanical methods for clogs.
- **Inspect for Leaks:** Periodically check under the sink for any signs of leaks around the trap connections. Tighten slip nuts slightly if a leak is detected.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your sink trap.

Problem	Possible Cause	Solution
Slow Drainage / Clog	Accumulation of hair, grease, or debris in the trap.	<ol style="list-style-type: none">1. Place a bucket under the cleanout cap.2. Carefully unscrew the cleanout cap.3. Use a drain snake or wire to clear the obstruction.4. Replace the cap and test drainage.5. If the cleanout is insufficient, the entire trap may need to be removed and cleaned.
Leaking Connections	Loose slip nuts or improperly seated washers.	<ol style="list-style-type: none">1. Ensure water supply is off if disassembling.2. Check that all slip nuts are hand-tight, then gently tighten with a wrench.3. Verify that all washers are correctly positioned and not damaged. Replace if necessary.
Sewer Gas Odor	Dry trap (water seal evaporated) or improper installation.	<ol style="list-style-type: none">1. Run water for a minute to refill the trap's water seal.2. Check for leaks that might be draining the trap.3. Ensure the trap is correctly installed and vented according to local plumbing codes.

7. SPECIFICATIONS

Feature	Detail
Model Number	PFPTB500
Material	Cast Brass
Finish	Chrome
Connections	1-1/4" x 1-1/2"
Length	4-1/4 inches
Product Dimensions (L x W x H)	4.5 x 1.25 x 5.75 inches
Item Weight	1.85 pounds
Manufacturer	PROFLO

8. WARRANTY INFORMATION

The PROFLO PFPTB500 sink trap comes with a **Limited Warranty**. For specific details regarding warranty coverage, terms, and conditions, please refer to the official PROFLO warranty documentation provided with your purchase or visit the PROFLO official website. This warranty typically covers defects in materials and workmanship under normal use and service.

9. CUSTOMER SUPPORT

If you have any questions, require assistance with installation, or need to report an issue, please contact PROFLO customer support. You can typically find contact information on the PROFLO official website or through your product retailer.

For more information about PROFLO products, visit the official [PROFLO Store on Amazon](#).

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