

DEEKOOL TL321

DEEKOOL TL321 Low Profile Shower Drain Installation and Maintenance Manual

Model: TL321

1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of the DEEKOOL TL321 Low Profile Shower Drain. This product is designed for use in stand-up shower and bath installations, particularly in areas with limited space, and is compatible with 1.5-inch or 2-inch PVC side outlet shower base replacements.

The DEEKOOL TL321 shower drain features a durable PVC body, which is corrosion-resistant and high-temperature resistant, ensuring longevity in various environments. It includes a perforated strainer to effectively filter debris and facilitate easy cleaning, along with robust sealing components for a secure, leak-proof connection.

2. PRODUCT COMPONENTS

The DEEKOOL TL321 Low Profile Shower Drain assembly includes the following parts:

- **Drain Body:** The main PVC housing with a side outlet.
- **Perforated Strainer:** A removable cover designed to prevent debris from entering the drain.
- **Decorative Cover:** The visible top cover of the drain.
- **Upper Gasket:** Provides sealing above the shower base.
- **Lower Gasket:** Provides sealing below the shower base.
- **Paper Spacer:** Used in the opening of the shower room for proper fit.
- **Rubber Bushing (2" to 1.5"):** An adapter for connecting to 1.5-inch SCH40 PVC pipe.



Figure 2.1: Exploded view of the DEEKOOL TL321 shower drain components.



Figure 2.2: DEEKOOL TL321 drain assembly with rubber bushing for 1.5-inch pipe connection.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your DEEKOOL TL321 Low Profile Shower Drain:

1. **Prepare the Shower Base Opening:** Ensure the shower base has an installation hole with a minimum diameter of 3 and 3/16 inches (approximately 81 mm) for the threaded part of the drain to fit through.
2. **Assemble Gaskets:** Place the lower gasket under the base of the shower enclosure and the upper gasket on top, ensuring a tight seal. The paper spacer should be placed in the opening of the shower room.
3. **Insert Drain Body:** Insert the drain body through the prepared opening in the shower base. Secure it firmly, ensuring the gaskets are properly seated to prevent leaks.
4. **Connect to Drainage Pipe:**
 - **For 2-inch SCH40 PVC pipe:** Connect the 2-inch side outlet of the drain body directly to your existing 2-inch PVC drainage pipe.
 - **For 1.5-inch SCH40 PVC pipe:** Insert the provided rubber bushing into the 2-inch side outlet of the drain body. Then, connect your 1.5-inch PVC drainage pipe to the rubber bushing. Ensure a secure fit to prevent leaks.

5. **Install Perforated Strainer:** Place the perforated strainer and decorative cover onto the drain body.
6. **Test for Leaks:** After installation, run water through the shower drain and inspect for any leaks around the connections and the shower base. Address any leaks immediately by tightening connections or re-seating gaskets.

Note:

If you do not use the rubber bushing,
then the outlet is standard 2",
it is 1.5 side outlet drain if you use it.

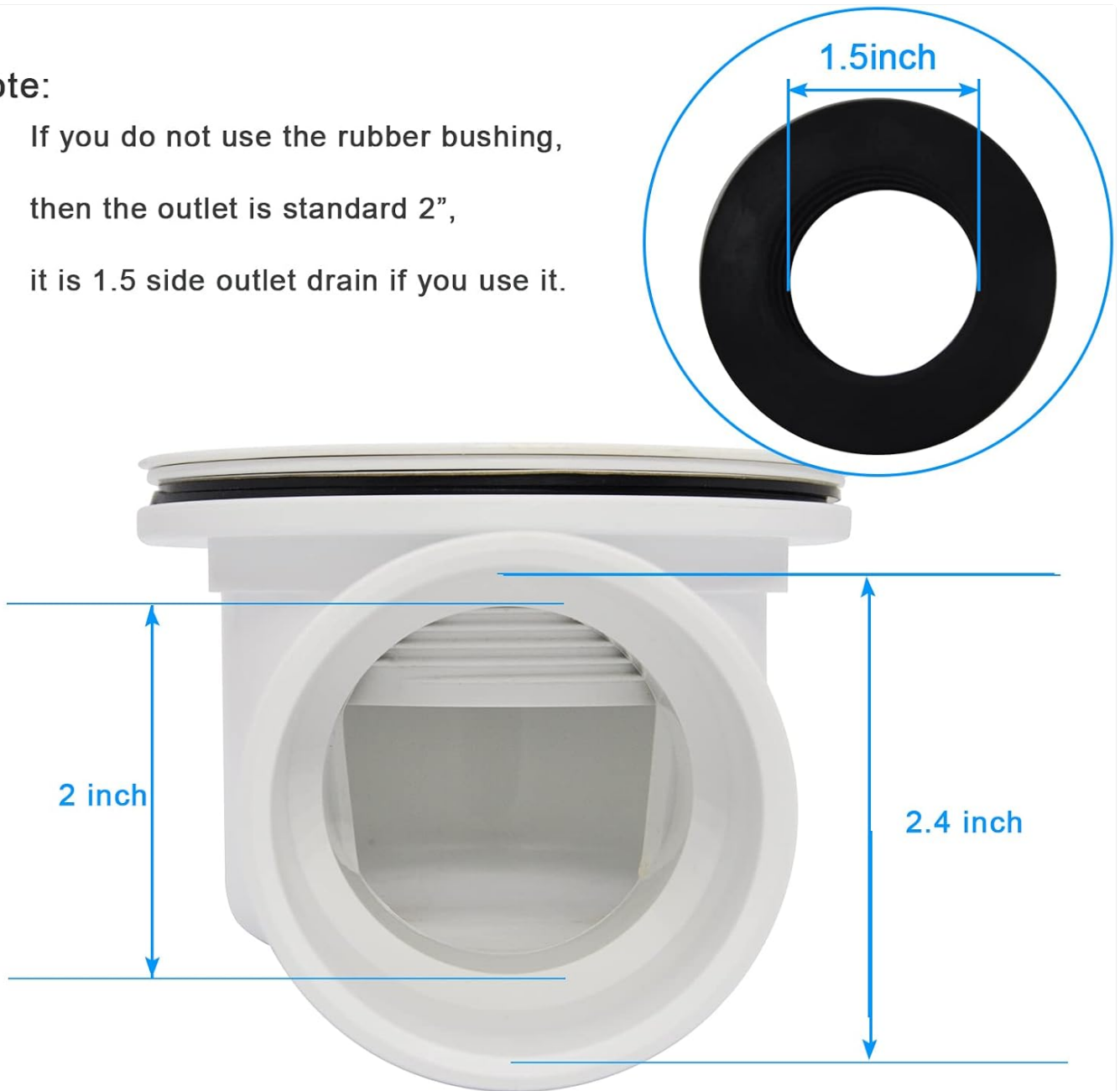


Figure 3.1: Note on rubber bushing usage for 1.5-inch pipe connection.



Figure 3.2: Illustration of the drain's sealing components.

4. OPERATING INSTRUCTIONS

The DEEKOOL TL321 Low Profile Shower Drain operates passively to remove wastewater from your shower. Ensure the perforated strainer is always in place to prevent larger debris from entering the drainage system and causing clogs. The design promotes smooth and efficient water flow.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your shower drain:

- **Strainer Cleaning:** Periodically remove the perforated strainer and clean any accumulated hair, soap scum, or other debris. This prevents blockages and maintains efficient drainage.
- **Drain Body Cleaning:** If necessary, use a mild non-abrasive cleaner and a soft brush to clean the interior of the drain body. Avoid harsh chemicals that could damage the PVC material or gaskets.
- **Gasket Inspection:** Annually inspect the rubber and fiber gaskets for signs of wear, cracking, or deterioration. Replace them if necessary to maintain a watertight seal.

6. TROUBLESHOOTING

If you encounter issues with your DEEKOOL TL321 shower drain, refer to the following common problems and solutions:

- **Slow Drainage:**
 - **Cause:** Clogged perforated strainer or drain pipe.
 - **Solution:** Remove and clean the perforated strainer. If the issue persists, a blockage may be further down the drain pipe, requiring professional attention.
- **Leaks Around the Drain:**

- **Cause:** Improperly seated gaskets, damaged gaskets, or loose pipe connection.
- **Solution:** Re-check the installation of the upper and lower gaskets. Ensure they are flat and securely compressed. Verify that the connection to the PVC pipe (with or without the rubber bushing) is tight. Replace any damaged gaskets.

- **Drain Does Not Fit Shower Base Opening:**

- **Cause:** Shower base opening is too small.
- **Solution:** The drain requires a minimum 3 and 3/16 inch diameter installation hole. If your existing hole is smaller, it may need to be enlarged by a qualified professional.

- **Difficulty Connecting 1.5-inch ABS Pipe:**

- **Cause:** The rubber bushing is designed for 1.5-inch SCH40 PVC pipe. ABS pipe dimensions or material properties may differ, leading to a difficult fit.
- **Solution:** Ensure you are using 1.5-inch SCH40 PVC pipe as specified. If using ABS, consult a plumbing professional for compatible adapters or alternative solutions.

7. SPECIFICATIONS

Feature	Specification
Brand	DEEKOOL
Model Number	TL321
Material	Polyvinyl Chloride (PVC)
Color	White
Finish Type	Polished
Special Feature	Corrosion-resistant, High-temperature Resistant
Product Dimensions	5.11 x 6.5 x 3.7 inches
Item Weight	1.12 pounds
UPC	739722879709



Figure 7.1: Side dimensions of the DEEKOOL TL321 shower drain.



comes with side outlet Drain Assembly

Figure 7.2: Front dimensions of the DEEKOOL TL321 shower drain.

8. WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your DEEKOOL TL321 Low Profile Shower Drain, please contact DEEKOOL customer support. Refer to your purchase documentation for specific contact information or visit the official DEEKOOL website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question