

RANDOM RD83880

# RANDOM Snappy Round Bottle Trap Instruction Manual

Model: RD83880 | Brand: RANDOM

## 1. INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your RANDOM Snappy Round Bottle Trap. Designed for basin sinks, this ABS plastic P-trap kit ensures efficient waste drainage and a clean aesthetic. Please read this manual thoroughly before beginning installation to ensure proper function and longevity of the product.

## 2. SAFETY INFORMATION

Always prioritize safety during installation and maintenance. Follow these general guidelines:

- Turn off the main water supply to the sink before starting any work.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure all connections are secure and watertight to prevent leaks.
- If you are unsure about any step, consult a qualified plumber.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x Bottle P-Trap Body
- 1x Flange
- 1x Tail Pipe
- Gaskets and Washers (various sizes)
- 1x Drain Cap (if included with specific drain assembly)
- 1x Brass Locking Nut (if included with specific drain assembly)



Figure 3.1: Exploded view of the bottle trap components, showing the main body, tail pipe, flange, and various seals.

## 4. SPECIFICATIONS

Feature	Detail
Brand	RANDOM
Model Number	RD83880
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	White
Outside Diameter	1.25 Inches
Compatibility	Works with any 1-1/4 inch Drain Assembly; suitable for Undermount, Vessel, and Pedestal Sinks.
Maximum Pressure	1 MPa (at room temperature 20°C)

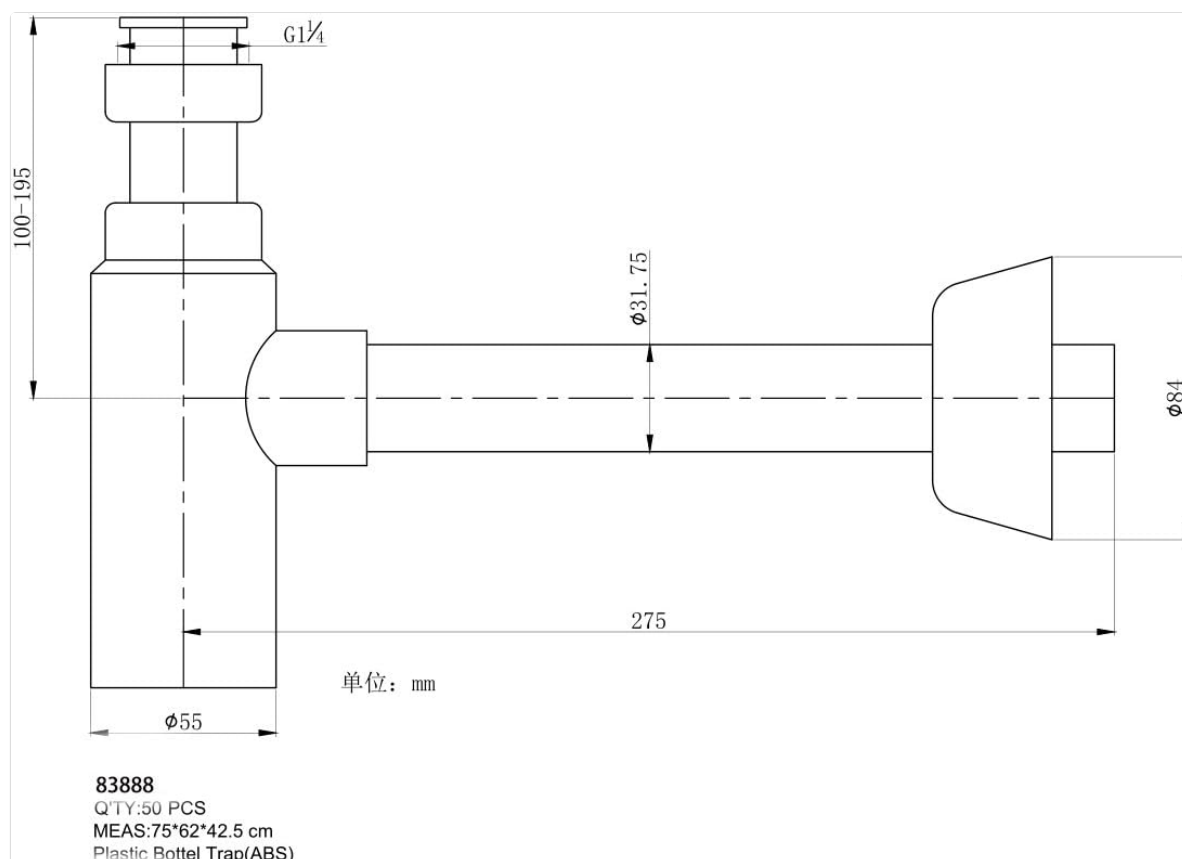


Figure 4.1: Technical drawing illustrating the dimensions of the bottle trap.

## 5. INSTALLATION GUIDE

This section provides step-by-step instructions for installing your RANDOM Snappy Round Bottle Trap. For a visual guide, please refer to the installation video below.

### 5.1. Pre-Installation Steps

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect them for any damage or missing parts.
2. **Disassemble Drain Assembly (if applicable):** If your sink drain assembly is new, separate its components as shown in the video (Drain cap, Silicon Gasket, Plastic Washer, Tail Pipe, Brass Locking Nut).

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Video 5.1: Official installation guide for the RANDOM P Trap and Pop Up Drain. This video demonstrates the assembly of the drain components and the connection of the bottle trap to the sink and wall drain.

### 5.2. Assembling the Bottle Trap

1. **Assemble Bottle Trap Body:** Attach the tail pipe to the main bottle trap body, ensuring the necessary seals and washers are correctly positioned and tightened. The video demonstrates how to connect the pipe to the bottle trap body, securing it with the appropriate seals.
2. **Prepare Sink Drain:** Ensure the sink drain assembly (pop-up drain or standard drain) is properly installed in the sink basin, with all seals and nuts tightened from underneath the sink.



Figure 5.2: All components of the bottle trap laid out, ready for assembly.

### 5.3. Connecting the Bottle Trap to the Sink and Wall

1. **Connect to Sink Drain:** Align the top of the assembled bottle trap with the tail pipe of the sink drain assembly. Connect them, ensuring the proper washer is in place for a watertight seal. Tighten the nut securely by hand, then use a wrench for a final snug turn, being careful not to overtighten.
2. **Connect to Wall Drain:** Aim the horizontal outlet of the bottle trap at the hole of the drainage wall. Adjust the distance between the drain and the wall as needed. Insert the pipe into the wall drain opening.
3. **Secure Wall Connection:** Connect the water inlet of the bottle trap to the water outlet of the wall drain. Ensure all connections are tight and secure.



Figure 5.3: The fully assembled bottle trap, showcasing its compact design.



Figure 5.4: Bottom view of the bottle trap, showing the removable cleanout cap.

## 5.4. Post-Installation Check

1. **Test for Leaks:** Turn on the water supply to the sink. Fill the sink with water and then drain it, observing all connections for any signs of leaks. Repeat this process several times.
2. **Adjust if Necessary:** If any leaks are detected, gently tighten the corresponding nuts. Do not overtighten, as this can damage the seals or plastic components.

## 6. OPERATION AND MAINTENANCE

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The RANDOM Snappy Round Bottle Trap is designed for low maintenance. Regular checks and simple cleaning can ensure its long-term performance.

### 6.1. Regular Cleaning

Periodically, you may need to clean the bottle trap to remove accumulated debris or hair. This is a key advantage of a bottle trap design.

1. Place a bucket or container directly underneath the bottle trap to catch any water or debris.
2. Unscrew the bottom cap of the bottle trap body (refer to Figure 5.4).

- 3. Allow water and debris to drain into the bucket.
- 4. Clean the inside of the trap and the cap thoroughly with a brush or cloth.
- 5. Replace the cap, ensuring the O-ring is properly seated for a watertight seal. Tighten securely.

6.2. Leak Checks

It is advisable to periodically check for leaks, especially after any maintenance or if you notice reduced drainage speed.

- Visually inspect all connections for drips or moisture.
- Run water through the sink and observe the trap for any signs of leakage.
- If leaks are found, gently tighten the connections. Avoid excessive force.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Leaks at connections	Loose nuts, improperly seated gaskets/washers, damaged seals.	Ensure nuts are tightened securely (hand-tight plus a quarter turn with a wrench). Check that all gaskets and washers are correctly positioned and not damaged. Replace damaged seals if necessary.
Slow drainage or clog	Accumulation of hair, soap scum, or debris in the trap.	Follow the "Regular Cleaning" steps (Section 6.1) to clear the trap.
Trap not aligning with wall drain	Incorrect measurement or positioning during installation.	The bottle trap design requires precise alignment. Re-evaluate the distance and angle between the sink drain and the wall drain. Adjust the tail pipe length if possible, or consider professional assistance.

8. WARRANTY AND SUPPORT

The RANDOM Snappy Round Bottle Trap comes with a**5-year quality guarantee**. We are committed to providing high-quality products and excellent customer service. For any questions, concerns, or support needs, please contact Kaiping City Langdeng Plumbing Industry Co.,Ltd, the manufacturer backing this product. You can also visit the official RANDOM store on Amazon for more information and products: [RANDOM Store](#).