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› POPULO Electric High-Pressure Drain Unclogger User Manual

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POPULO Electric High-Pressure Drain Unclogger User Manual

Model: POPULO

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your POPULO Electric High-Pressure Drain Unclogger. Please read all instructions carefully before use and retain this manual for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the device:

- Ensure the device is fully charged before use.
- Wear appropriate personal protective equipment, such as the provided gloves, during operation.
- Do not point the device at yourself or others.
- Ensure a tight seal between the attachment head and the drain opening to prevent splash-back.
- Do not exceed recommended pressure levels for specific drain types.
- Keep out of reach of children.
- Store the device in a dry, safe place when not in use.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x POPULO Electric High-Pressure Drain Unclogger (Main Unit)
- 1x Air Cylinder
- 1x Toilet Head (flexible bending design)

- 1x Basin Sink Head
- 1x Kitchen Sink Head
- 1x Charger
- 1x Pair of Gloves
- 2x Hair Removers
- 1x Rubber Seal Ring
- 1x Tool Bag

WHAT'S IN THE BOX

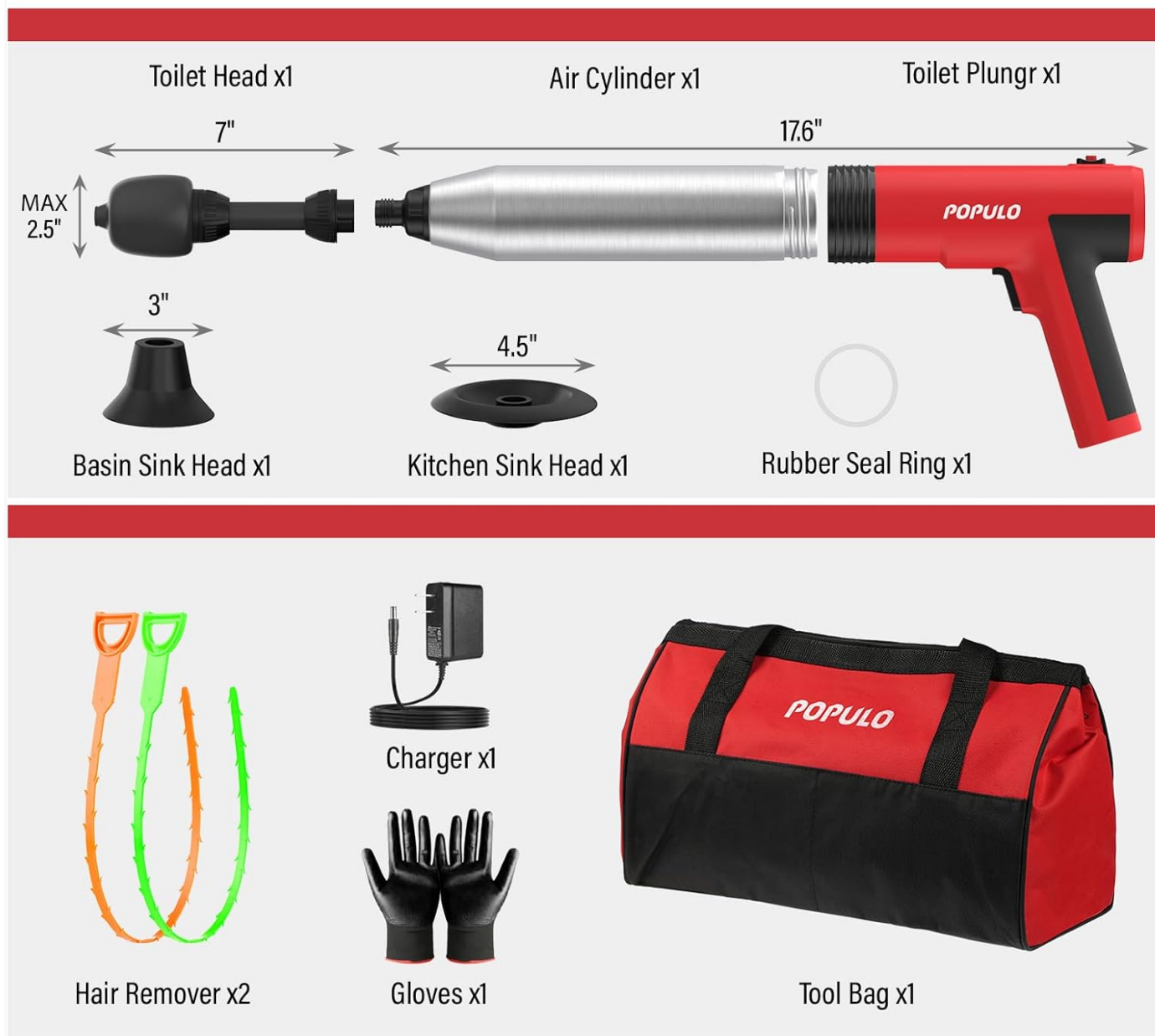


Figure 3.1: All components included in the package.

The image above illustrates the various components you should find in your POPULO Electric High-Pressure Drain Unclogger package, including the main unit, different attachment heads, charger, gloves, hair removers, and a storage bag.

4. SETUP

4.1 Charging the Device

Before initial use, fully charge the device using the provided charger. The charging indicator will confirm the charging status.

4.2 Assembly

Attach the air cylinder to the main unit by screwing it securely. Then, select the appropriate attachment head for your specific drain type and screw it onto the air cylinder. Ensure all connections are tight to prevent air leakage and ensure optimal pressure delivery.



Figure 4.1: Assembled device with various attachments.

The image above shows the main unit assembled with the air cylinder and a toilet attachment, along with other accessories. Proper assembly is crucial for effective operation.

5. OPERATING INSTRUCTIONS

5.1 Selecting the Correct Attachment Head

The POPULO Electric High-Pressure Drain Unclogger comes with three specialized attachment heads:

- **Toilet Head:** Designed for toilets with a flexible bending feature to prevent splash-back.
- **Basin Sink Head:** Suitable for washbasins and floor drains.
- **Kitchen Sink Head:** Optimized for kitchen sinks.

ACCESSORIES AND SIZE			
Application Scenario	Accessories	Pipe Size	Recommended Work Pressure
	 Toilet Head	2.5" (6.4cm)	5 Bar
	 Basin Sink Head	a: 1.4"-3.15" (3.5cm-8cm)	4 Bar
		b: < 3.1" (7.8cm)	3 Bar
	 Kitchen Sink Head	< 3.15" (8cm)	3 Bar

Figure 5.1: Attachment heads and recommended pressure levels.

Refer to the image above for guidance on selecting the correct head and the corresponding recommended pressure for various drain types.

5.2 Building Pressure

1. Ensure the selected attachment head is securely fastened to the device.
2. Turn on the electric air pump by pressing the designated switch.
3. Monitor the pressure gauge. Allow the device to build pressure to the recommended level for your specific drain (e.g., 5 Bar for toilets, 3-4 Bar for sinks/floor drains). This typically takes 20-30 seconds.
4. Once the desired pressure is reached, turn off the air pump switch.



Figure 5.2: Building pressure before unclogging.

The image above demonstrates the device being used to build pressure while positioned in a toilet, with the pressure gauge clearly visible.

5.3 Unclogging the Drain

1. Position the attachment head firmly into the drain opening, ensuring a tight seal. For toilets, insert the flexible head deep into the drain port.
2. Hold the device firmly with both hands to brace for recoil.

3. Pull the trigger to release the high-pressure gas in a single, controlled burst.
4. Check if the drain is unclogged. If not, repeat the steps above several times as needed.

HOW TO UNCLOG A TOILET



1. Insert the drain port into the toilet drain port and make sure they are sealed tightly.



2. Turn on the switch and let the pressure build up to 4-5 bar. Then, turn off the switch.



3. Pull the trigger to release the high-pressure gas.



4. Check if the toilet is unclogged. If not, repeat the steps above several times.

Figure 5.3: Step-by-step guide for unclogging a toilet.

This image provides a visual guide for the unclogging process, from inserting the drain port to releasing pressure and checking the result.



Figure 5.4: Ensuring proper seal to prevent splash-back.

The diagram above highlights the importance of deep and proper insertion of the toilet head to create an effective seal and prevent sewage splatter during operation.

6. MAINTENANCE

- After each use, clean the attachment heads and the device body with water and mild soap.
- Ensure the device is completely dry before storing.
- Store all components in the provided tool bag in a cool, dry place.
- Regularly check the rubber seal ring for wear and tear. Replace if necessary to maintain optimal performance.

7. TROUBLESHOOTING

- **Device not building pressure:** Check if the air cylinder is securely attached and if the chosen attachment head forms a tight seal with the drain. Ensure the internal gasket is properly seated.
- **Weak pressure discharge:** Verify the device is fully charged. Ensure no air leaks from connections.
- **Ineffective unclogging:** Ensure the correct attachment head is used for the drain type. Increase pressure to the recommended maximum for stubborn clogs, if safe to do so. Repeat the unclogging process multiple times.
- **Splash-back during use:** Ensure the attachment head is inserted deeply and forms a complete seal over the drain opening.

8. SPECIFICATIONS

Feature	Specification
Brand	POPULO
Model Number	POPULO
Power Source	1 Lithium Ion battery (included)
Item Weight	4.2 pounds
Package Dimensions	13.98 x 8.11 x 4.37 inches
Color	Black
Item Package Quantity	1
Battery Cell Type	Lithium Ion

9. WARRANTY AND SUPPORT

POPULO offers a generous two-year assurance for this product, reflecting our confidence in its quality and performance. For any questions, troubleshooting assistance, or warranty claims, please refer to the contact information provided with your purchase or visit the official POPULO website.

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Details

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

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