

FTVOGUE DL21VYS

FTVOGUE Cordless Electric Drain Auger Instruction Manual

Model: DL21VYS

1. INTRODUCTION

Thank you for choosing the FTVOGUE Cordless Electric Drain Auger. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new drain cleaning tool. Please read this manual thoroughly before first use and keep it for future reference.

This powerful, cordless tool is designed to clear clogs in pipes ranging from 3/4 inch to 2 inches in diameter, making it suitable for various household drains including sinks, toilets, and bathtubs. Its auto-feed mechanism, flexible cable, and integrated LED light ensure ease of use and effective results.

2. SAFETY INSTRUCTIONS

WARNING: Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using this product.

- Wear appropriate personal protective equipment, including safety glasses and heavy-duty gloves, to protect against splashing water, debris, and rotating cable.
- Ensure the work area is well-lit and free from obstructions. Keep children and bystanders away.
- Do not operate the drain auger in wet or damp conditions, or in the presence of flammable liquids or gases.
- Never touch the rotating cable with your hands or allow clothing to become entangled. Maintain a firm grip on the tool.
- Use only compatible lithium-ion batteries (BL1820, BL1830, BL1840, BL1850, BL1860) with this device. Batteries are not included.
- Do not force the cable. If it binds, release the trigger immediately to prevent damage to the cable or tool.
- Always disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- Inspect the cable for kinks, breaks, or wear before each use. Replace damaged cables immediately.

- This tool is designed for pipes from 3/4 inch to 2 inches. Using it on larger or smaller pipes may cause damage or be ineffective.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x FTVOGUE Cordless Electric Drain Auger (DL21VYS)
- 1 x Cleaning Cloth
- 1 x User Manual

Note: Battery pack and charger are not included and must be purchased separately. Ensure compatibility with specified battery models.

4. PRODUCT OVERVIEW

The FTVOGUE Cordless Electric Drain Auger is engineered for efficient and convenient drain cleaning. Key features include:

- **Cordless Design:** Offers freedom of movement without power cords.
- **Auto-Feed Mechanism:** Automatically feeds and retracts the cable, simplifying operation.
- **Integrated LED Light:** Illuminates dark work areas for improved visibility.
- **Adjustable Speed:** Variable speed trigger allows control up to 610 RPM for different clog types.
- **7m Flexible Cable:** Reinforced cable effectively navigates P-traps and clears blockages in 3/4in to 2in pipes.
- **Ergonomic Grip:** Rubberized handle ensures comfortable and secure handling.
- **Rear Pipe Drain Port:** Prevents water accumulation in the drum.



Figure 4.1: Main components of the drain auger, showing the battery slot, trigger, and steel cable storage drum.

PROFESSIONAL TOOLS

21v lithium battery

Pipeline dredge



Strong power direct to the depths of the pipe,suitable for a variety of scenes,kitchen,,bathroom and other common household pipes

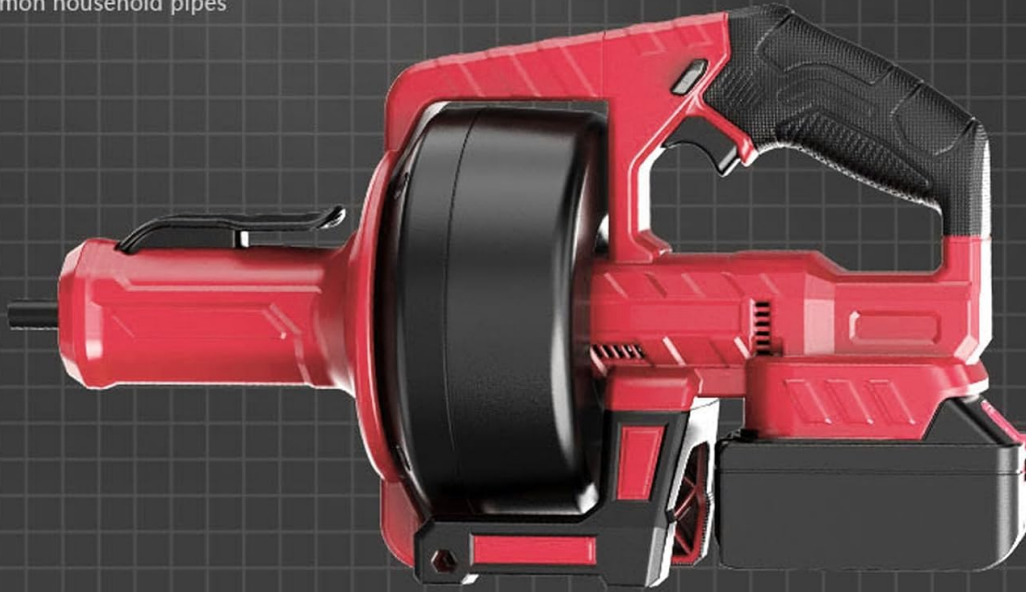


Figure 4.2: Side view of the drain auger, emphasizing its cordless design and power source.



Figure 4.3: Illustration of internal mechanisms and cable flexibility for navigating P-traps.

5. SETUP

1. **Install Battery:** Ensure the battery pack (not included) is fully charged. Align the battery pack with the battery slot on the tool and slide it in until it clicks securely into place.
2. **Inspect Cable:** Before each use, pull out a small section of the cable and inspect it for any signs of damage, kinks, or excessive wear. Do not use if the cable is damaged.
3. **Prepare Work Area:** Clear the area around the drain. Place a bucket or towels to catch any water or debris that may come out of the drain.

6. OPERATING INSTRUCTIONS

Follow these steps for effective drain cleaning:

1. **Insert Cable:** Carefully feed the end of the auger cable into the drain opening.
2. **Engage Auto-Feed:** Press the auto-feed lever (if applicable) or manually push the cable into the pipe until it meets resistance, indicating the clog.
3. **Start Motor:** Squeeze the trigger to start the motor. The cable will begin to rotate. Apply varying pressure to the trigger to adjust the speed as needed, up to 610 RPM.

4. **Clear Clog:** While the cable is rotating, continue to feed it slowly into the pipe. The rotating cable will break up or hook the obstruction. If the cable gets stuck, release the trigger, pull back slightly, and then re-engage. Do not force the cable.
5. **Retract Cable:** Once the clog is cleared and water begins to flow, reverse the auto-feed mechanism or manually retract the cable while the motor is still running to clean it as it comes out.
6. **Test Drain:** Run water down the drain to ensure the clog is completely cleared. Repeat the process if necessary.



Multi function cable:

7M (1/4 inch) flexible, contortion resistant cable.

Drain dredge can smoothly pass through the P type dredge and dredge the pipeline. Ideal for situations with severe blockage or slow drainage.

Electric drain auger: 7M reinforced flexible cable is replaceable!

Remove drain blockages from 3/4 to 2 inches in diameter.

Includes sink, toilet and bathtub.



Figure 6.1: Demonstrating the drain auger in action, clearing a sink blockage.



Figure 6.2: Close-up of the drain auger being used for pipe cleaning.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your drain auger.

- **Clean Cable:** After each use, retract the cable and wipe it clean with the provided cleaning cloth or a damp rag. This prevents rust and buildup.
- **Clean Drum:** The rear pipe drain port helps prevent water accumulation. Ensure the drum is dry before storage.
- **Tool Cleaning:** Wipe down the exterior of the tool with a dry cloth. Do not use harsh chemicals or immerse the tool in water.
- **Battery Care:** Remove the battery pack from the tool when not in use. Store batteries in a cool, dry place. Follow battery manufacturer's instructions for charging and storage.
- **Storage:** Store the drain auger in a dry, secure location out of reach of children.
- **Cable Replacement:** The 7m reinforced flexible cable is replaceable. If the cable becomes severely damaged or worn, replace it with an original FTVOGUE replacement cable.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly or discharged.	Ensure battery is fully charged and properly seated.
Cable gets stuck or binds	Severe clog, cable kinked, or forcing the cable.	Release trigger immediately. Gently pull back the cable, then try again. Do not force. Inspect cable for damage.
Clog not clearing	Clog too dense, cable not reaching clog, or incorrect technique.	Ensure cable reaches the clog. Try varying speed and gentle forward/backward motion. For very stubborn clogs, professional help may be required.
Cable does not feed/retract automatically	Auto-feed mechanism obstructed or damaged.	Check for debris in the auto-feed mechanism. If problem persists, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model	DL21VYS
Material	ABS
Applicable Pipe Diameter	3/4 inch - 2 inches (19mm - 50mm)
Working Temperature	0-40 degrees Celsius (32-104 degrees Fahrenheit)
Cable Length	7 meters (approx. 275.59 inches)
Max Speed	610 RPM
Compatible Battery	BL1820, BL1830, BL1840, BL1850, BL1860 lithium-ion battery (not included)
Item Weight	8.36 pounds (approx. 3.79 kg)
Product Dimensions	18.5 x 10.62 x 7.48 inches (approx. 47 x 27 x 19 cm)

10. WARRANTY AND SUPPORT

FTVOGUE is committed to providing quality products. For warranty information, technical support, or replacement parts, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.