

VEVOR D1000

VEVOR D1000 Drain Cleaner Machine User Manual

Brand: VEVOR | Model: D1000

1. SAFETY INFORMATION

Always prioritize safety when operating the VEVOR D1000 Drain Cleaner Machine. Failure to follow safety guidelines can result in serious injury or damage to the equipment.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including heavy-duty gloves and eye protection, to prevent contact with rotating parts and drain debris.
- **Electrical Safety:** Ensure the leakage protector plug is properly connected to a grounded power supply. Before operation, press the 'Test' and 'Reset' buttons on the leakage protector plug to confirm it is functioning correctly. The indicator light should turn on, signifying normal power.
- **Rotating Parts:** Keep hands, loose clothing, and hair away from the rotating drum and cable during operation. **Do not touch the rotating drum with your hands.**
- **Stable Placement:** Place the machine on a stable, level surface to prevent tipping during use.
- **Water Exposure:** Avoid operating the machine in standing water or excessively wet conditions to prevent electrical hazards.
- **Cable Handling:** Never force the cable. If it encounters significant resistance, retract it slightly and try again. Excessive force can damage the cable or the machine.

2. PRODUCT OVERVIEW

The VEVOR D1000 Drain Cleaner Machine is designed for efficient clearing of stubborn clogs in pipes ranging from 2 to 4 inches. It features a robust design and user-friendly controls.



Figure 2.1: VEVOR D1000 Drain Cleaner Machine.

Key Features:

- **Manual Feeding Control System:** Allows precise control over cable feed speed and force.
- **CW/CCW Control:** Forward and reverse rotation for effective clog removal and cable retrieval.
- **Air-Activated Foot Switch:** Provides hands-free operation for enhanced safety and control.
- **Premium Steel Core Cable:** 50 FT x 1/2 inch cable designed to resist breakage, twisting, and corrosion, suitable for navigating curved pipes.
- **4 Interchangeable Cutters:** Versatile tools for various types of blockages.
- **Semi-Enclosed Metal Drum:** Offers protection for the cable and allows observation of remaining cable length.
- **Ergonomic Handle:** Designed for comfortable grip and ease of transport.

3. COMPONENTS

The VEVOR D1000 Drain Cleaner Machine package includes the following components:

- 1 x VEVOR D1000 Drain Cleaner Machine (50FT x 1/2 Inch)
- 1 x Pair of Gloves

- 4 x Cutters (various types for different clogs)
- 1 x Hex Wrench
- 2 x Drain Cleaner Sticks
- 1 x Hex Screw
- 1 x Washer
- 1 x User Manual

4. SETUP

Follow these steps for initial setup of your drain cleaner machine:

1. **Power Connection:** Plug the leakage protector plug into a suitable power supply. Press the 'Test' and 'Reset' buttons to ensure it is powered on normally (indicator light should turn on).
2. **Attach Cutter:** Select the appropriate cutter for your blockage type. Install the chosen dredging tool onto the end of the spring cable. Tighten the cutter securely with the provided hex wrench to prevent it from falling out during operation.
3. **Positioning:** Place the drain cleaner machine near the pipe opening. Ensure the equipment is not too far from the mouth of the pipe (within 30cm to 50cm). Insert the spring into the pipe at least 20cm before starting the machine.

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Video 4.1: Installation and usage guide for the VEVOR Drain Cleaner Machine, demonstrating power connection, cutter attachment, and initial spring insertion.

5. OPERATION

Operating the VEVOR D1000 involves controlled feeding of the cable to clear blockages.

1. **Prepare for Operation:** Ensure the machine is set up as described in Section 4. Place the air-activated foot switch on the floor where it can be easily accessed.
2. **Set Direction:** Turn the CW/CCW switch to the 'CW' (clockwise) position for forward rotation, which is used for unblocking.
3. **Manual Feeding:** While the machine is off, manually push the spring cable into the pipe until it reaches the blockage or encounters resistance.
4. **Activate Machine:** Depress the air-activated foot switch to start the machine. The cable will begin to rotate.
5. **Advance Cable:** As the cable rotates, gently press down on the spring from top to bottom by hand to transport it further into the pipeline. This manual pressure helps the spring navigate obstacles.
6. **Clear Blockage:** Continue to feed the cable and apply gentle pressure until the blockage is cleared.
7. **Retrieve Cable:** To retrieve the cable, ensure the CW/CCW switch is still in the 'CW' position. The machine's rotation will help pull the cable back. If the spring is stuck inside the pipe, running the machine and rotating will help recycle it.
8. **Finish Operation:** Once the pipe is clear and the cable is fully retrieved, turn the CW/CCW switch to 'OFF' and unplug the machine.

VEVOR
TOUGH TOOLS, HALF PRICE

EFFORTLESS MANUAL FEEDING CW / CCW CONTROL

Attack stubborn clogs with high efficiency



Easy Manual Feeding



Forward Control



Reverse Control



NOTE: Gloves are not included, please purchase leather gloves separately.

Figure 5.1: Demonstrating manual feeding and CW/CCW control for effective clog removal.

CONVENIENT FOOT CONTROL

Efficient unclogging with user-friendly designs



Air-Activated Foot Switch



Ergonomic Handle



Practical Tool Hook

Figure 5.2: The air-activated foot switch provides convenient, hands-free control during operation, while the ergonomic handle ensures comfortable handling.

6. CUTTER INFORMATION

The VEVOR D1000 Drain Cleaner Machine comes with various interchangeable cutters designed for different types of blockages and pipe conditions.

WITH 4 PCS DIFFERENT CUTTERS

Conquer various pipe blockages



Figure 6.1: The four interchangeable cutters included with the machine.

Table 6.1: Cutting Tool Information

Name	Dimensions (mm)	Minimum Pipe Diameter (in.)	Functionality
Plastic Unclogging Strip	-	-	Superficial dredging
Serrated Cutter	71.76 (mm) / 2.82 (in.)	3.8 (in.) / 96.52 (mm)	Connecting springs to access the inside of the pipe to unclog it
Peach Knife	24.64 (mm) / 0.97 (in.)	2 (in.) / 50.8 (mm)	Connecting springs to access the inside of the pipe
Spring Type Cutter	24.78 (mm) / 0.97 (in.)	2 (in.) / 50.8 (mm)	Connecting springs to access the inside of the pipe
U-shaped Tool	45.85 (mm) / 1.8 (in.)	2.8 (in.) / 71.12 (mm)	Connecting springs to access the inside of the pipe

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your VEVOR D1000 Drain Cleaner Machine.

- **Cleaning:** After each use, thoroughly clean and dry the entire cable and drum to prevent rust and corrosion.
- **Lubrication:** Apply a light coat of oil to the cable and attachments before storage to protect them from moisture and wear.
- **Storage:** Store the machine in a dry, protected area away from extreme temperatures and direct sunlight.
- **Inspection:** Regularly inspect the cable for signs of wear, kinks, or damage. Replace damaged cables immediately. Check electrical cords and the foot switch for any damage.

8. TROUBLESHOOTING

Here are some common issues and their solutions:

- **Machine Not Starting:**
 - Check if the leakage protector plug is properly connected and the indicator light is on.
 - Ensure the CW/CCW switch is set to 'CW' or 'CCW' and not 'OFF'.
 - Verify the air-activated foot switch is fully depressed.
- **Cable Not Advancing:**
 - The cable may have encountered a stubborn blockage. Gently press the spring from top to bottom to help it navigate.
 - Ensure the machine is positioned correctly near the pipe opening (30-50cm).
- **Cable Stuck in Pipe:**
 - If the spring is stuck, run the machine and rotate the cable to help retrieve it. Always keep the switch in the 'CW' position for retrieval.
 - Avoid excessive force, which can cause the cable to kink or break.
- **Cutter Detaches in Pipe:**
 - Ensure cutters are always tightened securely with the hex wrench before use. If a cutter detaches, specialized retrieval tools may be required.

9. SPECIFICATIONS

Detailed specifications for the VEVOR D1000 Drain Cleaner Machine:



Specifications

Item Model Number: D1000

Product Dimensions: 20.9 x 13.6 x 20.9 in / 530 x 345 x 530 mm

Cable Length: 50 ft Cable Diameter: 1/2 inch

Feeding Method: Manual Feeding Color: Red + Black

Figure 9.1: Dimensions and key specifications of the VEVOR D1000 Drain Cleaner Machine.

Specification	Value
Item Model Number	D1000
Product Dimensions	20.9 x 13.6 x 20.9 inches (530 x 345 x 530 mm)
Cable Length	50 ft
Cable Diameter	1/2 inch
Feeding Method	Manual Feeding
Color	Red + Black
Item Weight	65 pounds
Manufacturer	VEVOR

10. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For warranty information, technical support, or

service inquiries, please refer to the official VEVOR website or contact VEVOR customer service directly. Keep your purchase receipt for warranty claims.