

VEVOR RC-9002G

VEVOR RC-9002G Drain Cleaner Machine User Manual

Model: RC-9002G | Brand: VEVOR

1. INTRODUCTION

Thank you for choosing the VEVOR RC-9002G Drain Cleaner Machine. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your drain cleaner. Please read this manual thoroughly before use and retain it for future reference. This machine is designed for clearing clogs in pipes ranging from 2 to 6 inches in diameter, utilizing a 75 FT x 1/2 inch steel core cable and interchangeable cutter heads.

2. SAFETY INSTRUCTIONS

Operating drain cleaning equipment requires adherence to strict safety protocols to prevent injury and damage.

- **Personal Protective Equipment:** Always wear heavy-duty gloves, eye protection, and appropriate work clothing. Avoid loose clothing that could get caught in moving parts.
- **Electrical Safety:** Ensure the machine is properly grounded. Do not operate in wet conditions or near standing water. Inspect power cords for damage before each use. Use a Ground Fault Circuit Interrupter (GFCI) for added protection.
- **Work Area:** Keep the work area clean, well-lit, and free from obstructions. Ensure adequate ventilation.
- **Cable Handling:** Never allow the cable to kink or twist. Always maintain control of the cable. Do not force the cable if it encounters significant resistance.
- **Machine Stability:** Ensure the machine is placed on a stable, level surface before operation.
- **Children and Bystanders:** Keep children and bystanders away from the operating area.
- **Emergency Stop:** Familiarize yourself with the location and operation of the power switch and air-activated foot switch for quick shutdown.

3. PRODUCT OVERVIEW

Key Features:

- **Manual Feeding System:** The cable is manually pushed into and pulled out of the pipe, allowing for precise control.
- **CW/CCW Control:** Forward (CW) and Reverse (CCW) motor rotation for effective cable management and clog removal.

- **Air-Activated Foot Switch:** Provides hands-free control over the motor, enhancing safety and ease of use.
- **Premium Steel Core Cable:** A 75 FT x 1/2 inch solid steel core cable designed for durability, resistance to breakage, twisting, and corrosion, suitable for navigating curved pipes.
- **Interchangeable Cutter Heads:** Includes 4 different cutter heads to address various types of blockages in pipes.
- **Open-Case Drum Design:** Allows for real-time observation of the cable, preventing tangling and kinking, and facilitating easy cleaning and drying to resist rust.
- **High-Speed Motor:** Ensures efficient drain cleaning performance.
- **Ergonomic Handle:** Designed for comfortable grip and ease of transport.

Included Components:

- VEVOR RC-9002G Drain Cleaner Machine
- 75 FT x 1/2 Inch Steel Core Cable (pre-installed)
- 4 x Interchangeable Cutter Heads
- Air-Activated Foot Switch
- User Manual



Image: VEVOR RC-9002G Drain Cleaner Machine with its main components and the 4 interchangeable cutter heads.

4. SETUP

1. **Attach Cutter Head:** Select the appropriate cutter head for the type of clog and pipe diameter. Securely attach it to the end of the cable using the provided tools. Ensure it is firmly fastened to prevent detachment during operation.

Effortless Manual Feeding CW / CCW Control

Attack stubborn clogs with high efficiency



Easy Manual
Feeding



Forward
Control



Reverse
Control



Friendly Reminder: The glove color will be shipped at random.

Image: A user installing a dredging knife (cutter head) onto the end of the drain cleaner cable.

- 2. Position the Machine:** Place the drain cleaner machine on a stable, flat surface near the drain opening.
- 3. Connect Power:** Plug the machine into a grounded electrical outlet. Ensure the power switch on the machine is in the "OFF" position before plugging it in. Verify that the power indicator light is on.

Convenient Foot Control

Efficient unclogging with user-friendly designs



Image: The air-activated foot switch and power connection for the drain cleaner machine.

5. OPERATION

5.1 Feeding the Cable

1. **Set Motor Direction:** Turn the motor switch to the "CW" (Clockwise) position for forward feeding.
2. **Insert Cable:** Manually feed the cable with the attached cutter head into the drain opening.
3. **Engage Motor:** Press the air-activated foot switch to start the motor. The drum will rotate, assisting in feeding the cable.

Continue to manually guide the cable into the pipe.



Image: A person demonstrating the manual feeding of the drain cleaner cable into a pipe while operating the machine.

4. **Navigate Clogs:** When the cable encounters a clog, allow the rotating cutter head to work through the obstruction. Apply gentle, consistent pressure. Do not force the cable, as this can cause kinking or damage.
5. **Observe Cable:** The open-case drum allows you to monitor the remaining cable length and observe for any tangling or kinking.

Open-Style Large Drum

Real-time observation of the remaining cable

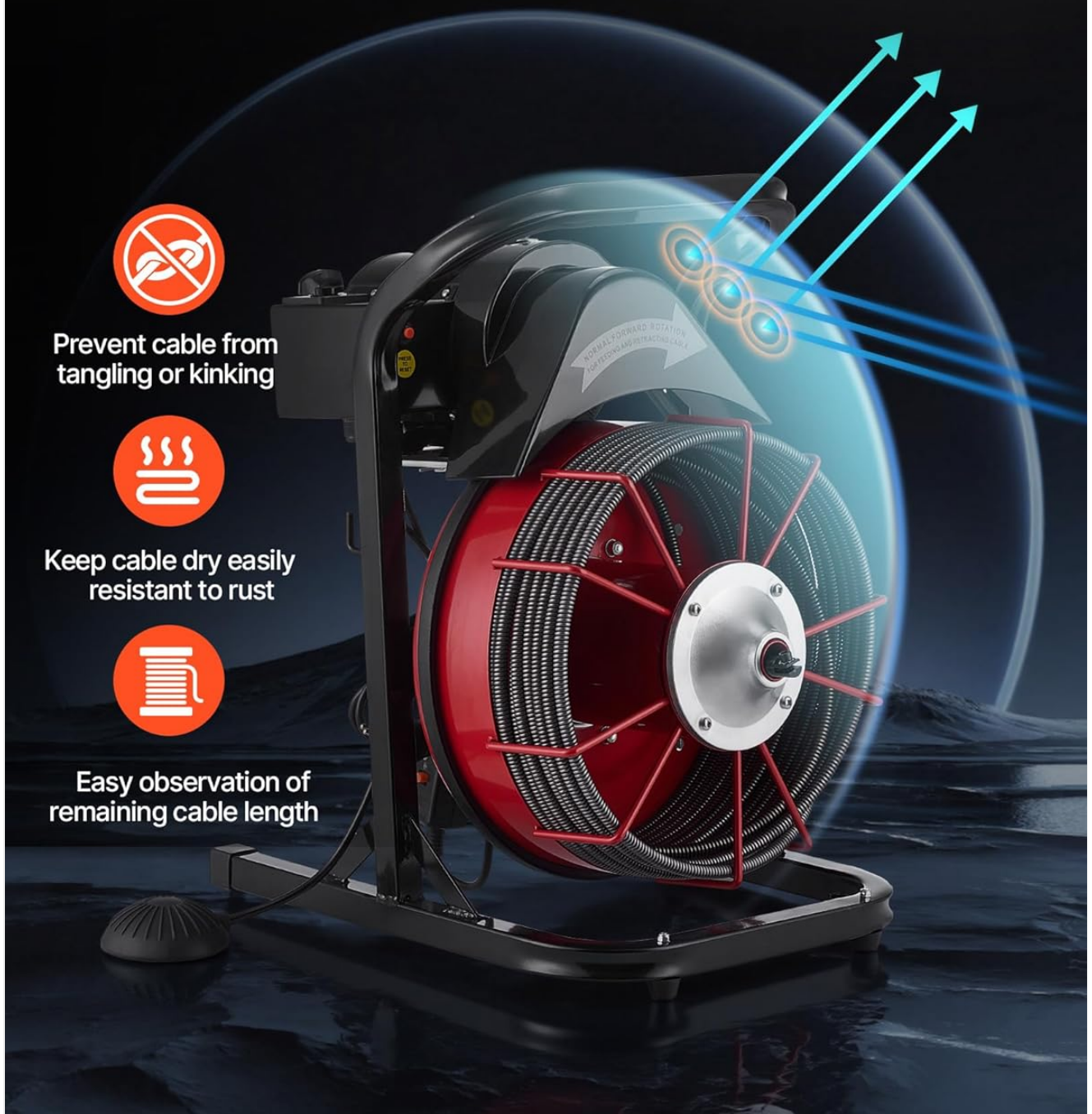


Image: Close-up of the open-style large drum, showing the cable coiled inside and highlighting features like tangle prevention and easy observation.

5.2 Retracting the Cable

1. **Set Motor Direction:** Turn the motor switch to the "CCW" (Counter-Clockwise) position for reverse retraction.
2. **Retract Cable:** Manually pull the cable out of the pipe. If resistance is met, press the air-activated foot switch to engage the motor in reverse, assisting with retraction.
3. **Clean Cable:** As the cable is retracted, wipe it clean to remove debris and prevent it from being pulled back into the drum.

5.3 Operation Guide Video

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Video: An official VEVOR operation guide demonstrating the setup and use of the drain cleaner machine, including cable feeding and retraction.

6. MAINTENANCE

- **Clean After Each Use:** After each use, thoroughly clean the cable and cutter heads to remove all debris. This prevents corrosion and maintains performance.
- **Dry Cable:** Ensure the cable is completely dry before coiling it back into the drum to prevent rust. The open-case design aids in drying.
- **Inspect Cable:** Regularly inspect the cable for signs of wear, kinking, or damage. Replace the cable if it shows significant signs of fatigue.
- **Check Cutter Heads:** Inspect cutter heads for sharpness and damage. Replace worn or damaged heads.
- **Lubrication:** Periodically apply a light lubricant to moving parts as recommended by the manufacturer (refer to specific product documentation if available, otherwise general best practice).
- **Storage:** Store the machine in a dry, secure location, away from extreme temperatures and moisture.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not start.	No power, faulty power cord/switch, foot switch not engaged.	Check power connection, ensure power switch is ON, press foot switch firmly. Inspect power cord for damage.
Cable not feeding or retracting smoothly.	Kinked cable, obstruction in pipe, incorrect motor direction.	Ensure cable is not kinked. Check motor direction (CW for feed, CCW for retract). Apply gentle pressure; do not force.
Clog not clearing.	Wrong cutter head, severe obstruction, insufficient power.	Try a different cutter head. Work the cable slowly through the clog. Ensure proper power supply.
Cable tangles in drum.	Improper feeding/retraction, excessive slack.	Maintain tension on the cable. Manually guide the cable carefully. Do not allow excessive slack.

8. SPECIFICATIONS

Specification	Detail
Item Model Number	RC-9002G
Feeding Method	Manual Feeding
Cable Length	75 FT / 23 m
Cable Diameter	1/2 inch / 13 mm
Cable Type	Solid Core Steel Cable
Applicable Pipe Diameter	2 - 6 inch / Φ 50 - 150 mm
Interchangeable Cutters	4 PCS Cutters

Specification	Detail
Main Material	Q195 Steel + 70# High-Carbon Steel
Net Weight	77.2 lbs / 35.0 kg
Product Dimensions	17.3 x 13.4 x 21.7 inch / 440 x 340 x 550 mm



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9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official VEVOR website. Ensure you have your model number (RC-9002G) and purchase date available when contacting support.

