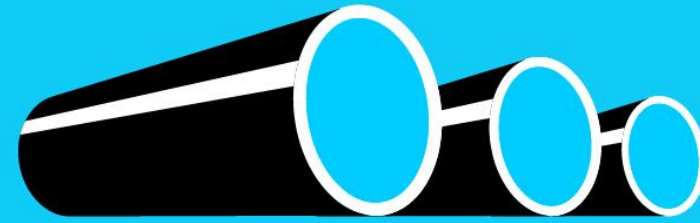


OPERATOR MANUAL

MODEL

***ZIP-ZIP Revolution
Flex Shaft Cable Machine***



DRAIN REHAB SOLUTIONS

KEY SECTIONS: ZIP-ZIP REEL OPERATOR'S MANUAL

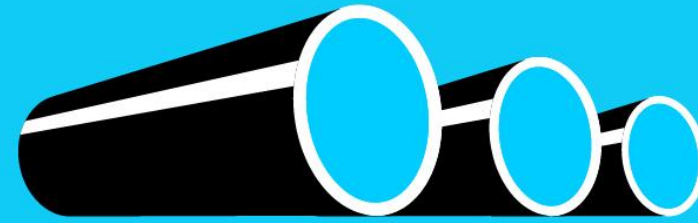
1. Introduction
2. Safety issues
3. Intended Use of the Product
4. Product Description
5. Operation Instructions
6. Accessories
7. First Time Use
8. Flex shaft cable installation
9. Warranty Informations



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DRAIN REHAB SOLUTIONS

SECTION 1: INTRODUCTION

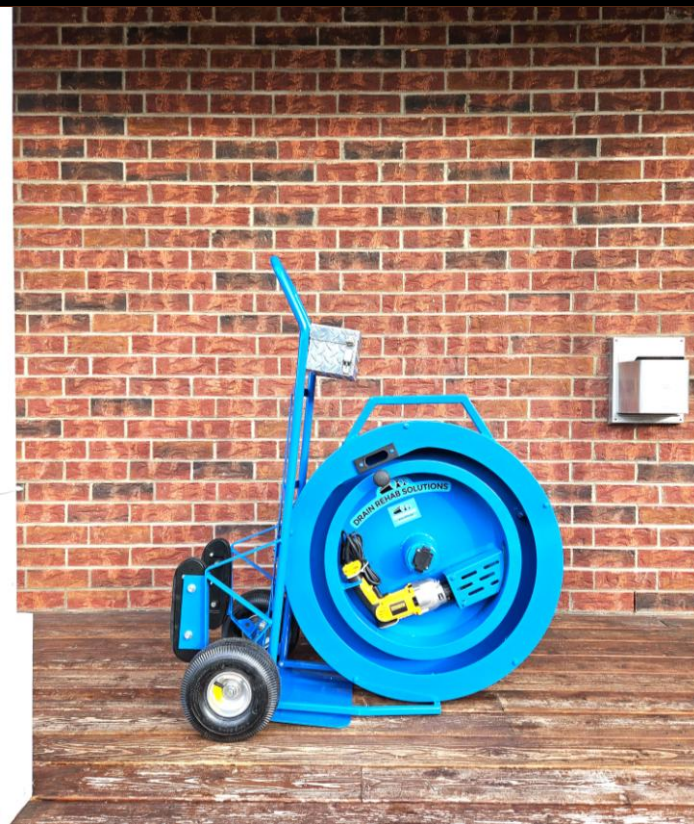
Thank you for purchasing your ZIP-ZIP high-speed drain cleaning tool.

Welcome to the ZIP-ZIP Reel operator's Manual, your comprehensive guide to the safe and efficient use of this high-speed drain cleaning tool.

We extend our warmest congratulations on your acquisition of the ZIP-ZIP high-speed drain cleaning tool. As a valued member of the Drain Rehab Solutions' family, you are now equipped with a reliable and effective solution for drain maintenance.

For assistance, contact our customer service at INFO@DRAINREHABSOLUTIONS.COM

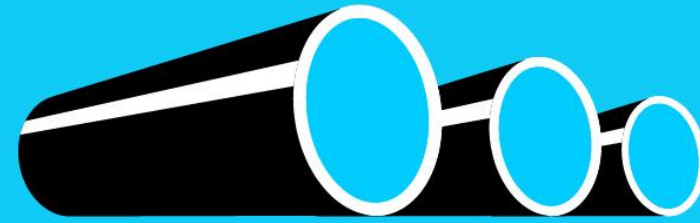
Model: ZIP-ZIP Revolution Flex Shaft Cable Machine



OPERATOR MANUAL

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DRAIN REHAB SOLUTIONS

SECTION 2 : SAFETY ISSUES

Safety Precautions

Ensuring your safety is our utmost concern. Prior to using the ZIP-ZIP high-speed drain cleaning tool, it is imperative to thoroughly read and understand the safety precautions delineated in this Operator's Manual and the accompanying manuals from the tool's manufacturer. Neglecting these guidelines could lead to severe injury or, in extreme cases, fatal consequences.

Caution: While instructional videos offer valuable insights, it is crucial to note that they do not serve as a replacement for the essential safety information contained in the manuals. Under no circumstances do Drain Rehab Solutions' how-to videos override or serve as an alternative to the warnings provided in the safety manuals furnished by the manufacturer concerning the operation of Drain Rehab Solutions' products.

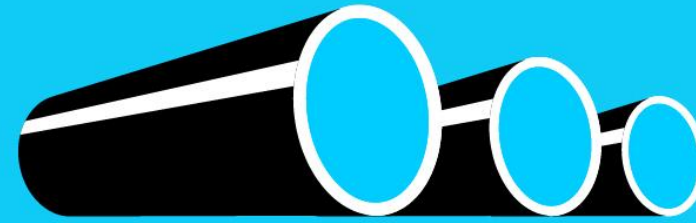
ZIP-ZIP Cable Rotation Speed (No Load) : The ZIP-ZIP cable features different rotational speeds without any load—1500 RPM for Speed #1 and 3500 RPM for Speed #2. This design prioritizes safety by allowing flexibility in addressing diverse cleaning needs.



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DRAIN REHAB SOLUTIONS

SECTION 3 : INTENDED USE OF THE PRODUCT

It is essential to grasp the precise purposes for which the ZIP-ZIP tool has been designed. This encompasses the cleaning and reinstating of sewer drains, as well as the cleaning of chimney ducts and ventilation ducts. To ensure the tool's optimal performance and your safety, adhere strictly to the following guidelines:

Cleaning and Reinstating Sewer Drains: The ZIP-ZIP tool is engineered to effectively clean and reinstate sewer drains, providing an efficient solution for maintaining optimal drainage functionality.

Cleaning Chimney Ducts: For chimney maintenance, the tool is designed to efficiently clean chimney ducts, ensuring the removal of accumulated debris and enhancing overall functionality.

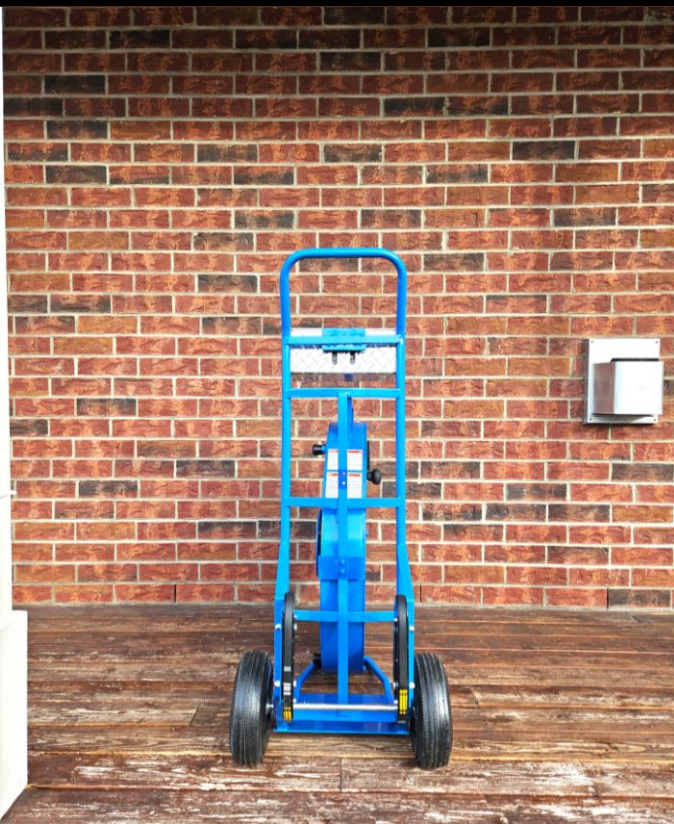
Cleaning Ventilation Ducts: In the context of ventilation systems, the ZIP-ZIP tool serves the purpose of cleaning ventilation ducts, contributing to improved air quality and system efficiency.



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ZIP-ZIP Revolution Flex Shaft Cable Machine



SECTION 4 : PRODUCT DESCRIPTION

Detailed Overview: Components and Features

To ensure optimal utilization of the ZIP-ZIP high-speed drain cleaning tool, it is imperative to familiarize yourself with its diverse components and features. This comprehensive understanding will empower you to operate the equipment efficiently and make the most of its capabilities.

Components:

Frame: The foundational structure that provides stability and support to the entire tool during operation.

Reel: A stationary drum that ensures controlled deployment and retrieval of the ZIP-ZIP Flexible Shaft Cable.

Flexible Shaft Cable: The core element responsible for reaching and cleaning within the drains, chimney ducts, and ventilation systems.

Electric Drill: The power source that drives the rotation of the ZIP-ZIP Flexible Shaft Cable.

Foot Switch Pedal: A crucial component that allows you to control the tool's operation with foot pressure, ensuring a hands-free operation.

Toolbox: A convenient storage unit for accessories and tools, facilitating organized and efficient use of the tools.

Drill Guard: An essential safety feature designed to protect the user from direct contact with the chain knocker and other moving parts.

Physical Specifications:

Dimensions: The overall dimensions of the ZIP-ZIP tool are 43.5" in length, 19.75" in width, and 45.5" in height. Understanding these measurements aids in determining the tool's spatial requirements during operation and storage.

Weight: The tool weighs less than 90lbs (40.82 kg) when equipped with a 66 feet-long 1/2" diameter cable and the electric drill. This information is crucial for transport, setup, and overall maneuverability during operation.

Cable Options:

The ZIP-ZIP tool offers versatility in cable diameter options, catering to different cleaning requirements. Users can choose between a 3/8" (10 mm) or 5/16" (8mm) diameter with a max length of 125 feet or a 1/2" (13 mm) diameter cable with a max length of 100 feet. For longer lengths need, the user must install an extension cable outside the ZIP ZIP machine.

Understanding these components, dimensions, weight, and cable options is fundamental to harnessing the full potential of the ZIP-ZIP high-speed drain cleaning tool.

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SECTION 4 : PRODUCT DESCRIPTION

Note:

The 5/16" inch diameter cable is **commonly referred** to as 8 mm diameter cable.

The 3/8" inch diameter cable is **commonly referred** to as 10 mm diameter cable.

The 1/2" inch diameter cable is **commonly referred** to as 13 mm diameter cable.

ZIP-ZIP cables can rotate in both clockwise and counterclockwise directions. For superior performance and extended cable life, strongly favor the clockwise rotation of the drill. This choice not only boosts efficiency but also significantly extends the cable's durability.

Exclusive Use of Drain Rehab Solutions' Approved Accessories

It is paramount to underscore the exclusive compatibility of the ZIP-ZIP reel with accessories approved by Drain Rehab Solutions. This directive is in place to ensure the seamless integration and optimal performance of the tool.

Refer to the "Accessories" Section

For detailed information regarding the approved accessories and their proper use, please refer to the dedicated "Accessories" section within this manual. This section provides specific details about the accessories that are compatible with the ZIP-ZIP tool, offering insights into their application and ensuring that your equipment functions at its best capacity.

Proper Orientation and Positioning for the ZIP-ZIP Reel

The recommended configuration is to place the tool in a horizontal, laying down position, utilizing its three sturdy feet (or legs) for stability. This ensures the tool operates efficiently and securely. Refer to the picture shown on this page for a visual representation of the appropriate setup.

Why Horizontal Positioning Matters:

Optimal Cable Deployment: The horizontal layout facilitates the controlled deployment and retrieval of the ZIP-ZIP Flexible Shaft Cable, allowing for precise navigation within drains and ducts.

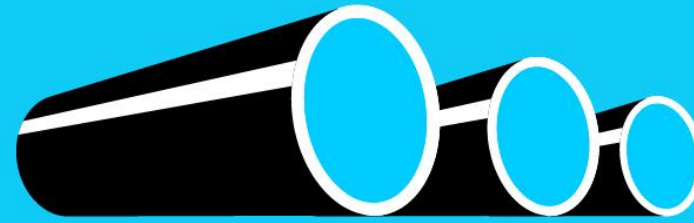
Reduced Risk of Tipping: Placing the tool on its three feet ensures a more secure setup, minimizing the risk of tipping or imbalance during operation.

By adhering to the prescribed horizontal laying down position, you not only ensure the ZIP-ZIP reel's effective functionality but also contribute to a safer and more controlled working environment.

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DRAIN REHAB SOLUTIONS

! WARNING



**Read and understand
operator's manual
and all other safety
instructions before
using this equipment.**

SECTION 5 : OPERATION INSTRUCTIONS

Ensuring the safety of users is paramount when operating the ZIP-ZIP high-speed drain cleaning tool. Follow these comprehensive safety instructions to mitigate risks and enhance overall safety:

- Use recommended safety gear: glasses, gloves, face mask.
- Never stand or lean on the ZIP-ZIP reel.
- Always unplug the tool before changing accessories.
- Ensure the drill guard is installed securely.
- Operate the reel in a horizontal position on stable ground.
- Hold the tool by its casing, not moving parts.
- Point the chain knocker away from yourself and others.
- Do not leave the tool unattended when plugged in.
- Use in well-ventilated areas to avoid harmful dust and gases.
- Designed for one-person operation on ground level.

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MODEL

ZIP-ZIP Revolution Flex Shaft Cable Machine



**DRAIN REHAB
SOLUTIONS**

SECTION 5 : OPERATION INSTRUCTIONS

Unplugging Before Accessory Changes:

- Guideline: Always disconnect the tool from the power source before attempting to change accessories.
- Rationale: This prevents accidental activation and enhances safety during accessory adjustments.

Use of Recommended Safety Gear:

- Guideline: Wear the recommended safety gear, including safety glasses, gloves, and a face mask.
- Rationale: Personal protective equipment is crucial to shield against potential hazards such as debris and dust.

Avoiding Standing or Leaning on the ZIP-ZIP Reel:

- Guideline: Never stand or lean on the ZIP-ZIP reel during operation.
- Rationale: Maintains stability and prevents unintended movements, reducing the risk of accidents.

Securing the Drill Guard:

- Guideline: Ensure that the drill guard is securely installed before operation.
- Rationale: The drill guard acts as a crucial safety feature, protecting users from direct contact with moving parts.

Operating in a Horizontal Position on Stable Ground:

- Guideline: Operate the reel in a horizontal position on a stable and level surface.
- Rationale: Enhances stability during operation, reducing the risk of the tool tipping or shifting unexpectedly.

Holding the Tool by its Casing:

- Guideline: When handling the tool, hold it by its casing and not by moving parts.
- Rationale: Prevents accidental contact with rotating components, minimizing the risk of injury.

Pointing the Chain Knocker Away:

- Guideline: Always point the chain knocker away from yourself and others.
- Rationale: Minimizes the risk of injury in case of unexpected rotations and ensures a safer working environment.

Preventing Unattended Operation:

- Guideline: Never leave the tool unattended when it is plugged into an electrical outlet.
- Rationale: Reduces the risk of accidents and ensures that the tool is under control during operation.

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**DRAIN REHAB
SOLUTIONS**

SECTION 5 : OPERATION INSTRUCTIONS

Using in Well-Ventilated Areas:

- Guideline: Operate the ZIP-ZIP tool in well-ventilated areas to avoid harmful dust and gases.
- Rationale: Protects against respiratory hazards and ensures a safer working environment.

Designed for One-Person Operation on Ground Level:

- Guideline: The ZIP-ZIP tool is designed for one-person operation at ground level.
- Rationale: Maintains operational efficiency and safety, with recommendations for additional help when transporting on stairs.

Closing or Resealing Pipes or Ventilation Ducts:

- Guideline: After completing the cleaning or reinstating process, always remember to securely close or reseal your pipe or ventilation duct network.
- Rationale: Proper closure or resealing is essential to maintain the integrity of the drainage or ventilation system.

Keeping Out of Reach from Children:

- Guideline: Always keep the ZIP-ZIP tool out of reach from children, as serious injury or death may occur if it is mishandled.
- Rationale: Store the tools in a secure and inaccessible location when not in use. Ensure that children are aware of the potential dangers associated with the tool and emphasize the importance of adult supervision when handling any equipment.

Verification of Electrical Outlet Suitability:

- Guideline: Always confirm that the electrical outlets selected for use are specifically suitable for the ZIP-ZIP High-Speed Drain Cleaning Tool.
- Rationale: Inappropriate outlets may lead to electrical issues, posing risks such as shock, fire, or severe injury.

Consultation with a Qualified Electrician:

- Guideline: When uncertain about electrical compatibility or configuration, consult with a qualified electrician before initiating operations.
- Rationale: Seeking professional guidance ensures a thorough assessment of the electrical setup, minimizing risks and ensuring safe operation.

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**DRAIN REHAB
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SECTION 6 : ACCESSORIES

The term "Accessories" encompasses a diverse range of supplemental tools, including add-ons, adaptors, connectors, chain knockers, brushes, or extensions. These accessories are purposefully crafted to be affixed to the cable ends, serving the specific functions of cleaning or reinstating drainage systems. The flexibility in attachment is provided through two distinct methods: the "allen key" and "T-Slider" installation approaches.



Among the assortment of accessories, the "T-Slider" connectors stand out as a noteworthy addition. These connectors are not only permanent but are also meticulously crimped securely onto both ends of ZIP-ZIP cables. The front segment of the cable boasts a male T-slider connector, facilitating a seamless process for integrating additional components. This unique feature allows users to effortlessly add extension cables or accessories that are equipped with a corresponding female T-Slider connector.

For an extensive overview and exploration of the complete line of accessories, we encourage you to visit the official Drain Rehab Solutions website at www.drainrehabolutions.com. The comprehensive range of accessories available ensures users have a plethora of options, enabling them to tailor their approach to drain cleaning and reinstatement based on specific needs and preferences.



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SECTION 7 : FIRST TIME USE

Getting Started with ZIP-ZIP High-Speed Drain Cleaning Tool:

Pre-operation Inspection:

- Before connecting the ZIP-ZIP, carefully examine its components for any signs of damage, wear, or insecure installation. Refrain from operating if there are indications of potential malfunctions, and promptly contact the manufacturer.

Pipeline Inspection:

- Assess the pipe or ventilation duct that requires attention to determine the appropriate cable accessory needed for the task.

Secure Fastening:

- Ensure that the chain knocker or chosen accessory is firmly and securely fastened. If utilizing allen key connectors, tightly secure the allen keys.

Drill Direction Setting:

- Set the drill to rotate in the clockwise direction.

Foot Pedal and Power Connection:

- Confirm the connection of the switch foot pedal to the tool. The tool should only operate when pressure is applied to the switch foot pedal. If the tool runs without foot pedal pressure, immediately unplug and contact the manufacturer. Solely use your foot to apply pressure to the pedal.

Power Cord Connection:

- Plug the electric cord into a suitable power outlet, referencing the electrical information provided in the Drill Operator's Manual.

Cable Insertion:

- Insert and guide the cable into the pipe or ventilation duct until reaching the designated cleaning area.

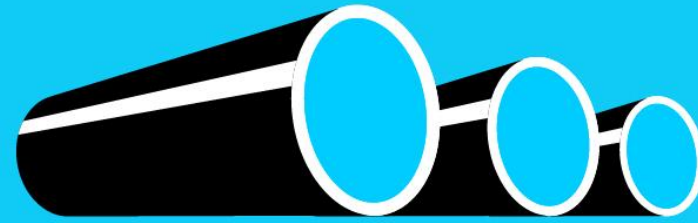
Cleaning Motion:

- With your foot, start applying pressure to the foot pedal and steadily move the cable in a consistent back-and-forth motion during the cleaning process. Avoid prolonged spinning in the same position to prevent potential damage to pipes or ducts.

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DRAIN REHAB SOLUTIONS

SECTION 7 : FIRST TIME USE

Camera Usage Caution:

- If utilizing a camera for real-time viewing inside the drain or duct, ensure the camera remains at a safe distance behind the rotating accessory to prevent damage to the camera head or cable.

Remember, Drain Rehab Solutions recommends incorporating an inspection camera for optimal efficiency, precision, and confirmation of a well-executed job. For a comprehensive experience, visit www.drainrehabolutions.com to access all how-to videos related to the ZIP-ZIP High-Speed Drain Cleaning Tool.



WARNING



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**DRAIN REHAB
SOLUTIONS**

SECTION 8 : FLEX SHAFT CABLE INSTALLATION

Step 01 : Place ZIP ZIP on the ground



Place the ZIP ZIP on the ground
Ensure that the drill socket is not
linked to the electrical power source.

Step 02 : Remove protectors



Unscrew round protector cover



Remove round cover

Step 3 : Install the flex shaft cable



Remove drill chuck protector



Prepare drill connector and flex shaft cable

OPERATOR MANUAL

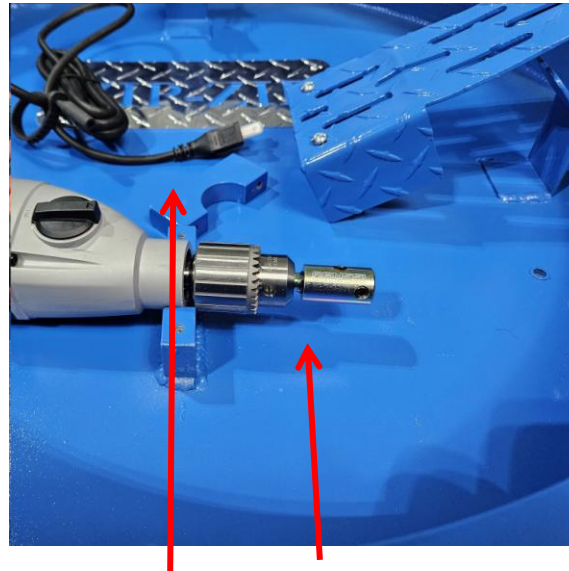
MODEL

ZIP-ZIP Revolution Flex Shaft Cable Machine



**DRAIN REHAB
SOLUTIONS**

SECTION 8 : FLEX SHAFT CABLE INSTALLATION



Insert the connector inside the drill chuck et tighten
Ensure that the drill socket is not linked to the
electrical power source.



Insert the flex shaft cable into the ZIP ZIP holder
then inside the connector and tighten by screwing.



Install all the flex shaft cable you need



Re-install the drill chuck protector and the round
cover protector

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**DRAIN REHAB
SOLUTIONS**

SECTION 8 : FLEX SHAFT CABLE INSTALLATION

Step 04 : Connect accessories



Connect the tool you need for the work at the end of the flex shaft cable



Plug the drill's socket into the switch foot pedal then plug the switch foot pedal socket into a power source

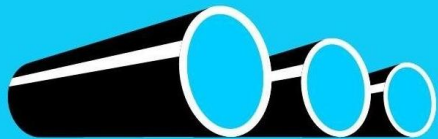


You now all set-up to use your new ZIP ZIP flex shaft machine. Enjoy !

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SECTION 7 : WARRANTY INFORMATIONS

Warranty Information:

The electric drill is covered under the warranty provided by the drill manufacturer.

The foot switch pedal is warranted for 1 year from the date of purchase of the ZIP-ZIP High Speed Drain Cleaning Tool. The frame is warranted for 3 years from the date of purchase of the ZIP-ZIP High Speed Drain Cleaning Tool.



Exclusions and Conditions:

Our warranty does not cover damages resulting from accidents, normal wear and tear, misuse, lack of care, mishandling, abuse, or any other abnormal use.

The warranty is automatically void if any modification, change, or alteration has been made to the product.

We are not liable for products not manufactured by Drain Rehab Solutions, including non-Drain Rehab Solutions products used in connection with our product



Limitation of Liability:

In no event shall Drain Rehab Solutions or its suppliers be liable for any indirect, incidental, consequential, special, or exemplary damages arising from the use of the product.

This includes property damage, loss of value of the product, or any third-party products used in conjunction with the product.

We are not responsible for the loss of use of the product or any third-party products used in connection with the product.