

Rotary Gutter Cleaning System

Operator's Manual

Thank you for purchasing the **VertaLok™ Rotary Gutter Cleaning System**. Please follow the important safeguards and operating instructions included within this manual to enjoy the benefits and safe operation of the **VertaLok™ System**.



Accessories Included



Rotary Paddle Brush



Gutter Brush with Water Jet Nozzle



Gutter Scoop with Water Jet Nozzle



Digital Camera Mount—inspect gutters before and after cleaning

Camera not included

Works with your cordless drill

Important Safeguards

- > Read all safety & operating instructions before use.
- > All warnings in the manual must be strictly adhered to.
- > **Failure to comply with the safety and operating instructions may result in property damage or personal injury.**
- > Retain the operator's manual for future use.
- > Not all gutters can be cleaned from the ground level. In some cases, the gutter opening may be too narrow or the debris too compacted to remove with the **VertaLok™ Tools**. In these cases, it may be necessary to use other means of cleaning the gutter. Always consider hiring a professional if the situation warrants.

WARNING

Hazard of Electric Shock or Burn!

The extension poles and all other parts of the **VertaLok™ System** or extension kit are **NOT** to be used **ON** or **NEAR** electrical wiring of any type. Keep at least 10 feet (3 meters) away from any power lines. Use extreme caution when raising, lowering or while working with the **VertaLok™ Tools and Extensions**.

Important Tips

- > Always wear eye protection
- > Keep all loose clothing and objects tucked in to prevent them from being tangled around the rotating drill and tools.
- > Use a CORDLESS DRILL, set the clutch/torque adjustment on the drill to a half way point to reduce the risk of damage to the tool, the gutter system or personal injury.
- > Do not attempt to use the tool if you cannot safely and effectively control the operation of the tool. This is especially important when the tool is used for higher reach applications such as 2nd story gutter cleaning, etc.

Limited Warranty

The **VertaLok™ System** and all accessories are designed for homeowner use. All components are warranted for a period of 1 Year from the date of purchase. Should any components fail due to manufacturing defect, return the defective part to Gardus, Inc. and we replace it free of charge. A return authorization number (RAN) is required prior to returning any item. Please call 203-985-0208 to obtain return shipping information and RAN.

Gardus, Inc. does not warranty failure of any part due to operator error. Be sure to read all operating instructions and safety precautions before operating any of the tools.

Manufacturer accepts no liability for property damage or personal injury caused by the operation of these tools and accessories. This is the full extent of the warranty made by Gardus, Inc. There is no other expressed or written warranty. All implied warranties are hereby excluded.

What's Included



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VertaLok™

Rotary Gutter Cleaning System

The **VertaLok™** System utilizes a combination of *Rotary* and *Non-Rotary* cleaning tools specially designed to remove all types of debris commonly found in gutters. It's easy to use, lightweight and works with any cordless drill.



Getting Started

Assembling Tool for Rotary Gutter Cleaning

Step 1. Connect Pole Sections:

- > Loosen coupling nut slightly on lower pole section.
- > Depress button on pole to be connected and slide in complete. Be sure upper pole section is locked into place by rotating section until button locks into sleeve.
- > Hand tighten threaded coupling nut.

Step 2. Attach Curved Tube:

- > Connect Curved Tube by sliding into top pole section using the same method as described above. Be sure curved tube is locked into place by rotating section until button locks into sleeve.
- > Hand tighten threaded coupling nut.

Step 3. Attach Right Angle Gear Assembly:

- > Depending on direction of cleaning, *right to left* or *left to right*, connect the *Right Angle Gear Assembly* to the *Curved Tube* at desired angle by inserting into *Curved Tube* then hand tighten coupling nut securely.

Note: To help prevent debris from falling near or on you, angle the gear assembly slightly away from you instead of at a right angle.

Step 4. Attach Rotary Paddle Brush:

- > Align spring button on right angle gear shaft with hole in paddle brush then press onto shaft. Be sure spring button locks into hole on paddle brush securely.



Step 5. Attach Grip Handle:

- > Open the hinged handle clamp by loosening thumb screw completely.
- > Attach *Grip Handle* around bottom pole section by closing clamp around pole using thumb screw.
- > Position handle for best control and comfort then tighten securely by hand.

Step 6. Attach Drill Adapter:

- > Slide *Drill Adapter* onto bottom pole section until adapter locks securely with spring button of lower pole section.

Step 7. Connect Your Cordless Drill:

- > It may be easier to raise the assembly and rest it in the gutter before attaching your drill. Once resting in gutter, insert shaft of *Drill Adapter* into chuck of cordless drill and tighten securely.
- > **Be sure to set clutch/torque adjustment on drill to a mid-range setting.**

Note: The *Drill Adapter* can also be attached to cordless drill first, then connected to bottom pole section while tool is resting in gutter.

NOTE:

- > **Connect additional pole sections for higher reach**
- > **6 ft. Extension Kit sold separately—Item # VXT006**



Determine Type of Build-Up In Gutters

Step 1.

Once the tool is assembled, use the “Camera Mount” with your digital camera to get a photo or short video of your gutters “Before & After” cleaning. This will help determine what type of debris is in the gutter and what cleaning attachment to choose for the job.

Important Note: Do Not use your camera while cleaning as it may cause permanent damage to your camera. Gardus accepts no liability for damage to your camera.

Step 2.

If you don't have a digital camera, simply use the *Gutter Brush* attached to the curved section to drag and lift the debris up and out of the gutter to determine what type of build-up is inside the gutter before choosing the best cleaning tool for the type of build-up.

Step 3.

For easier clean up, place a tarp on the ground under the gutter while cleaning. Otherwise, the debris can easily be raked up afterwards. If you haven't cleaned your gutters in a long time, it's likely the debris build-up is very compact, similar to compost. It is recommended that you use the *Gutter Brush* or *Gutter Scoop* to remove this type debris and then use the *Rotary Paddle Brush* for routine maintenance throughout the year. Rotary cleaning will help make it fast and easy to maintain your gutters on a regular basis.



The Digital Camera Mount can be attached anywhere along the curved tube section and in any position. The camera itself can also be rotated to any desired position. (Camera not included)

Rotary Gutter Cleaning

Step 1.

The *Rotary Paddle Brush* is great for fast removal of dry, loose leaves and ideal for routine gutter maintenance. While spinning with your cordless drill, the paddles lift the debris up and out of the gutter.

Important Notes:

- Position Paddle Brush in gutter as shown in the photo below with the rubber paddles inside the gutter at a 90° angle. The front (rounded) portion of the Paddle Brush should always face away from you and towards the debris while cleaning as shown.
- Set clutch adjustment on cordless drill to a mid range setting.
- Operate at a moderate speed using extra caution around gutter supports.
- Always spin the *Rotary Paddle Brush* **AWAY** from the roof.

Example:

- > When working from right to left spin your drill in the counter-clockwise direction. (put drill in reverse) ↺ ←

- > When working from left to right spin your drill in the clockwise direction. (forward) ⇒ ↻

Helpful Hints:

- > On windy days, work in the same direction as the wind (with the wind). This will prevent the leaves from blowing toward you as you work.
- > Angle the rotary gear assembly slightly away from you while rotary cleaning to help prevent the debris from falling toward you.



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Rotary Gutter Cleaning (cont.)

Step 2. Cleaning Around Gutter Supports:

Important Note: Use caution while spinning Paddle Brush near gutter supports. Operate drill at half speed or less especially while cleaning under supports.



- 1) Clean completely under the support until the *Curved Tube* makes contact with the gutter support.



- 2) Pull the *Paddle Brush* back slightly and lift up and over gutter support.



- 3) Lower the *Paddle Brush* back into the gutter and continue cleaning.

Step 3. Collect Debris on Tarp and Dispose:

It's best to clean the ground area before rinsing the gutter clean with water.



Step 4. Rinsing the Gutter:

Remove the *Right Angle Gear Assembly* with *Paddle Brush* from the curved tube and attach *Gutter Brush*.

Remove *Drill Adapter* from bottom pole section. Connect garden hose to *Water Control Valve* then connect *Water Control Valve* to bottom pole section. Use the *Gutter Brush* with built in water jet nozzle to rinse the inside and outside of the gutter clean.

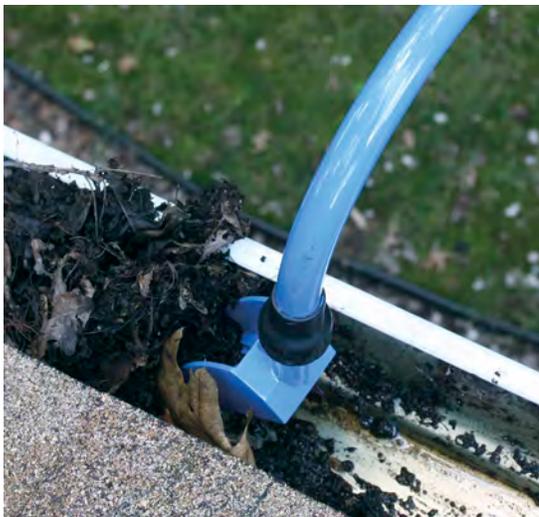
Built-In Water Jet Nozzle



Cleaning with Non-Rotary Attachments

Remove and Rinse Cleaning with the *Gutter Brush* and *Gutter Scoop*

Attach Grip Handle to end of base pole section facing up as shown



Step 1. Determine Type of Build-up in Gutters

> Refer to page 4

Step 2:

Connect as many pole sections as needed to reach desired gutter height.

Note: A 6 ft. *Extension Kit* is available and sold separately (Item #VXT006)

Step 3:

Attach the *Gutter Brush* or *Gutter Scoop* to the curved tube section at an angle and direction best suited for your cleaning method.

Step 4:

Install *Grip Handle* at the very bottom of base pole section facing up (See photo at left). This gives you much more control as you apply a twisting motion while lifting the debris up and out of gutter.

Step 5:

It's recommended that you start cleaning the gutter from the down spout end and drag the debris away from the downspout. This helps prevent excessive debris from falling into the downspout.

Helpful Hints:

- > On windy days, work in the same direction as the wind (with the wind). This will prevent the leaves from blowing toward you as you drag and lift them out of the gutter.
- > Angle the *Gutter Brush* or *Gutter Scoop* slightly away from you while cleaning to help prevent the debris from falling toward you.

Step 6:

As you drag the *Gutter Brush* or *Gutter Scoop* down the gutter, stop occasionally to remove the debris. Remove the debris by tilting the tool back slightly and push into the debris as you lift the debris up and out of the gutter. Twist the poles as the debris lifts out of the gutter to help drag away from gutter opening.

When you reach a gutter support, lift as much debris out of the gutter as possible and then push remaining debris under and past support.

Lift the *Gutter Brush* or *Gutter Scoop* up and over support. While lowering back into gutter, angle the brush back under support to grab debris then continue the drag and lift process.

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Cleaning with Non-Rotary Attachments

Step 7. Collect Debris on Tarp and Dispose:

It's best to clean the ground area before rinsing the gutter clean with water.



Step 8. Rinsing the Gutter:

Connect garden hose to *Water Control Valve* then connect *Water Control Valve* to bottom pole section and turn water on.

Use the *Gutter Brush* or *Gutter Scoop* with built in water jet nozzle to rinse the inside and outside of the gutter clean.



Additional Cleaning and Painting Applications



The included *Flow-Thru Threaded Adapter* can be used with a variety of cleaning brushes, painting tools and window washing attachments.



Cleaning Gutter Exterior



Painting



Window Washing

Watch for additional VertaLok accessories coming soon!

Gardus, Inc.