**WARNING!**

This manual provides critical safety instructions on the proper setup, operation, maintenance, and service of this machine/tool. Save this document, refer to it often, and use it to instruct other operators.

Failure to read, understand and follow the instructions in this manual may result in fire or serious personal injury—including amputation, electrocution, or death.

The owner of this machine/tool is solely responsible for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training and usage authorization, proper inspection and maintenance, manual availability and comprehension, application of safety devices, cutting/sanding/grinding tool integrity, and the usage of personal protective equipment.

The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse.

---

**WARNING!**

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.
# Table of Contents

**INTRODUCTION**
- Contact Info ............................................ 2
- Machine Differences .................................. 2
- Manual Accuracy ....................................... 2
- Identification .......................................... 3
- Controls & Components ............................... 4
- Machine Data Sheet .................................. 5

**SECTION 1: SAFETY**
- Safety Instructions for Machinery ................... 7
- Additional Safety for Dust Collectors ............... 9

**SECTION 2: POWER SUPPLY**
- G0860 110V Power Supply ............................. 10
- G0861/G0862 220V Power Supply .................. 12

**SECTION 3: SETUP**
- Needed for Setup ...................................... 14
- Unpacking .............................................. 14
- Inventory .............................................. 15
- Site Considerations .................................. 17
- Assembly ............................................... 18
- Test Run ............................................... 24

**SECTION 4: DESIGNING A SYSTEM**
- General ................................................ 25
- Duct Material ......................................... 25
- System Design ......................................... 27
- System Grounding ..................................... 33

**SECTION 5: OPERATIONS**
- Operation Overview .................................. 34
- General Operation .................................... 34
- Programming Receiver ............................... 35

**SECTION 6: ACCESSORIES**

**SECTION 7: MAINTENANCE**
- Schedule ............................................... 39
- Cleaning Canister Filter ............................ 39
- Removing/Replacing Collection Drum Bag ........ 40
- Removing/Replacing Filter Bag ..................... 40

**SECTION 8: SERVICE**
- Troubleshooting ...................................... 41
- Washing Canister Filter ............................. 43
- Removing/Replacing Canister Filter ............... 43

**SECTION 9: WIRING**
- Wiring Safety Instructions .......................... 45
- Electrical Components ............................... 46
- G0860 Wiring Diagram ................................ 47
- G0861 Wiring Diagram ................................ 48
- G0862 Wiring Diagram ................................ 49

**SECTION 10: PARTS**
- G0860/G0861/G0862 Parts .......................... 50
- G0860/G0861 Labels & Cosmetics ................ 54
- G0862 Labels & Cosmetics ......................... 55

**WARRANTY & RETURNS**

- 56
We stand behind our machines! If you have questions or need help, contact us with the information below. Before contacting, make sure you get the serial number and manufacture date from the machine ID label. This will help us help you faster.

Grizzly Technical Support
1815 W. Battlefield
Springfield, MO 65807
Phone: (570) 546-9663
Email: techsupport@grizzly.com

We want your feedback on this manual. What did you like about it? Where could it be improved? Please take a few minutes to give us feedback.

Grizzly Documentation Manager
P.O. Box 2069
Bellingham, WA 98227-2069
Email: manuals@grizzly.com

Machine Differences

G0860
• 1.5 HP 110V Single-Phase Motor
• 6" Dust Port Inlet with 2 x 4" Adapter
• 868 CFM @ 1.8" SP
• 1-Micron Canister Filter
• 20-Gallon Collection Drum

G0861
• 2 HP 220V Single-Phase Motor
• 7" Dust Port Inlet with 3 x 4" Adapter
• 1023 CFM @ 1.2" SP
• 1-Micron Canister Filter
• 20-Gallon Collection Drum

G0862
• 3 HP 220V Single-Phase Motor
• 8" Dust Port with 3 x 4" Adapter
• 1941 CFM @ 2.9" SP
• 1-Micron Canister Filter
• 35-Gallon Collection Drum

We are proud to provide a high-quality owner’s manual with your new machine!

We made every effort to be exact with the instructions, specifications, drawings, and photographs in this manual. Sometimes we make mistakes, but our policy of continuous improvement also means that sometimes the machine you receive is slightly different than shown in the manual.

If you find this to be the case, and the difference between the manual and machine leaves you confused or unsure about something, check our website for an updated version. We post current manuals and manual updates for free on our website at www.grizzly.com.

Alternatively, you can call our Technical Support for help. Before calling, make sure you write down the Manufacture Date and Serial Number from the machine ID label (see below). This information is required for us to provide proper tech support, and it helps us determine if updated documentation is available for your machine.
Identification

Become familiar with the names and locations of the features shown below to better understand the instructions in this manual.

![Diagram of machine features]

**WARNING**
Like all machinery there is potential danger when operating this machine. Accidents are frequently caused by lack of familiarity or failure to pay attention. Use this machine with respect and caution to decrease the risk of operator injury. If normal safety precautions are overlooked or ignored, serious personal injury may occur.

**CAUTION**
No list of safety guidelines can be complete. Every shop environment is different. Always consider safety first, as it applies to your individual working conditions. Use this and other machinery with caution and respect. Failure to do so could result in serious personal injury, damage to equipment, or poor work results.

**WARNING**
To reduce your risk of serious injury, read this entire manual BEFORE using machine.
Controls & Components

![WARNING]

To reduce your risk of serious injury, read this entire manual BEFORE using machine.

Refer to the following figures and descriptions to become familiar with the basic controls and components of this machine. Understanding these items and how they work will help you understand the rest of the manual and minimize your risk of injury when operating this machine.

A. **Filter Cleaning Handle**: Turns paddles inside canister filter to knock dust cake off filter pleats, cleaning filter and helping maintain good air flow.

B. **Control Box**: Controls motor operation with a thermally protected magnetic switch. Houses an RF receiver for operation via remote control.

C. **Removable Filter Bag**: Collects fine dust from filter area.

D. **Inlet Adapter**: Allows connection of two 4" ducts (Model G0860) or three 4" ducts (Models G0861 & G0862) to main dust port inlet.

E. **Collection Drum Lock Handle**: Secures dust collection drum to lid when pressed down. Releases collection drum when lifted.

F. **Collection Drum Inspection Window**: Allows operator to see when collection drum needs to be emptied.

G. **Remote Control**: Green button turns motor **ON**. Red button turns motor **OFF**. Requires a 12V, type A27 battery.

*Note: The remote control operates on radio frequency and has a 75-ft. range. It does not need to be aimed at the control box to operate.*
## G0860/G0861/G0862 DUST COLLECTORS

### Model Number

<table>
<thead>
<tr>
<th></th>
<th>G0860</th>
<th>G0861</th>
<th>G0862</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Dimensions</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>265 lbs.</td>
<td>285 lbs.</td>
<td>348 lbs.</td>
</tr>
<tr>
<td>Width (side-to-side) x Depth (front-to-back) x Height</td>
<td>27½&quot; x 44&quot; x 70&quot;</td>
<td>28½&quot; x 52&quot; x 70&quot;</td>
<td>31&quot; x 54&quot; x 82&quot;</td>
</tr>
<tr>
<td>Footprint (Length x Width)</td>
<td>32½&quot; x 24&quot;</td>
<td>36&quot; x 26&quot;</td>
<td>40&quot; x 31&quot;</td>
</tr>
</tbody>
</table>

### Shipping Dimensions

<table>
<thead>
<tr>
<th></th>
<th>Carton #1</th>
<th>Carton #2</th>
<th>Carton #3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Main Body</td>
<td>Stand &amp; Support Arms</td>
<td>Canister Filter &amp; Collection Drum</td>
</tr>
<tr>
<td>Weight</td>
<td>199 lbs.</td>
<td>213 lbs.</td>
<td>282 lbs.</td>
</tr>
<tr>
<td>Width x Depth x Height</td>
<td>43&quot; x 29&quot; x 23&quot;</td>
<td>43&quot; x 29&quot; x 23&quot;</td>
<td>38&quot; x 30&quot; x 46&quot;</td>
</tr>
</tbody>
</table>

### Electrical

<table>
<thead>
<tr>
<th></th>
<th>G0860</th>
<th>G0861</th>
<th>G0862</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Requirement</strong></td>
<td>110V, Single-Phase, 60 Hz</td>
<td>220V, Single-Phase, 60 Hz</td>
<td></td>
</tr>
<tr>
<td>Full-Load Current Rating</td>
<td>15 A</td>
<td>9 A</td>
<td>15.9 A</td>
</tr>
<tr>
<td>Minimum Circuit Size</td>
<td>20 A</td>
<td>15 A</td>
<td>20 A</td>
</tr>
<tr>
<td>Connection Type</td>
<td>Cord &amp; Plug</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Cord Included</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Power Cord Length</strong></td>
<td>6'</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Cord Gauge</strong></td>
<td>14 AWG</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td><strong>Plug Included</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Included Plug Type</strong></td>
<td>5-15</td>
<td>6-15</td>
<td>6-20</td>
</tr>
<tr>
<td><strong>Switch Type</strong></td>
<td>Remote Control Magnetic Switch with Overload Protection</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Motor

<table>
<thead>
<tr>
<th></th>
<th>G0860</th>
<th>G0861</th>
<th>G0862</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>TEFC Capacitor-Start Induction</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Horsepower</strong></td>
<td>1.5 HP</td>
<td>2 HP</td>
<td>3 HP</td>
</tr>
<tr>
<td><strong>Phase</strong></td>
<td>Single-Phase</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Amps</strong></td>
<td>15 A</td>
<td>9 A</td>
<td>15.9 A</td>
</tr>
<tr>
<td><strong>Speed</strong></td>
<td>3450 RPM</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Transfer</strong></td>
<td>Direct Drive</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bearings</strong></td>
<td>Shielded &amp; Permanently Lubricated</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Centrifugal Switch/Contacts Type</strong></td>
<td>External</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model Number</td>
<td>G0860</td>
<td>G0861</td>
<td>G0862</td>
</tr>
<tr>
<td>--------------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
</tr>
<tr>
<td><strong>Operation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dust Collector Type</td>
<td>Two-Stage (Cyclone)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved Dust Types</td>
<td>Wood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filter Type</td>
<td>Pleated Cartridge, Spun-Bond Polyester</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Air Flow Performance</strong></td>
<td>868 CFM @ 1.8&quot; SP</td>
<td>1023 CFM @ 1.2&quot; SP</td>
<td>1941 CFM @ 2.9&quot; SP</td>
</tr>
<tr>
<td>Max. Static Pressure (at 0 CFM)</td>
<td>9.7&quot;</td>
<td>10.9&quot;</td>
<td>11.0&quot;</td>
</tr>
<tr>
<td>Main Inlet Size</td>
<td>6&quot;</td>
<td>7&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>Inlet Adapter Included</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Adapter Inlets</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Adapter Inlet Size</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td></td>
</tr>
<tr>
<td>Machine Collection Capacity</td>
<td>2 Machines</td>
<td>3 Machines</td>
<td></td>
</tr>
<tr>
<td>Max. Material Collection Capacity</td>
<td>20 Gallons</td>
<td>35 Gallons</td>
<td></td>
</tr>
<tr>
<td><strong>Bag Information</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Filter Bags</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Collection Drum Bags</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filter Bag Diameter</td>
<td>20&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filter Bag Length</td>
<td>23&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection Drum Bag Diameter</td>
<td>30&quot;</td>
<td>39&quot;</td>
<td></td>
</tr>
<tr>
<td>Collection Drum Bag Length</td>
<td>41&quot;</td>
<td>56&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Canister Filter Information</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Canister Filters</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filtration Rating</td>
<td>1 Micron</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canister Filter Diameter</td>
<td>14½&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canister Filter Length</td>
<td>24&quot;</td>
<td>39½&quot;</td>
<td></td>
</tr>
<tr>
<td>Filter Surface Area</td>
<td>28.1 sq. ft.</td>
<td>45.2 sq. ft.</td>
<td></td>
</tr>
<tr>
<td><strong>Impeller Information</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impeller Type</td>
<td>Radial Fin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impeller Size</td>
<td>12½&quot;</td>
<td>12½&quot;</td>
<td>15&quot;</td>
</tr>
<tr>
<td>Impeller Blade Thickness</td>
<td>¼&quot;</td>
<td>¼&quot;</td>
<td>¾&quot;</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dust Collection Bags</td>
<td>Clear Plastic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base</td>
<td>Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame</td>
<td>Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impeller</td>
<td>Cast Aluminum</td>
<td>Cast Aluminum</td>
<td>Cast Aluminum</td>
</tr>
<tr>
<td>Impeller Housing</td>
<td>Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body</td>
<td>Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection Drum</td>
<td>Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paint Type/Finish</td>
<td>Powder Coated</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Manufacturer Specifications</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country of Origin</td>
<td>Taiwan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>1 Year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approx. Assembly &amp; Setup Time</td>
<td>1 Hour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serial Number Location</td>
<td>ID Label on Impeller Housing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound Rating</td>
<td>78 dB</td>
<td>79 dB</td>
<td></td>
</tr>
<tr>
<td>ISO 9001 Factory</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 1: SAFETY

For Your Own Safety, Read Instruction Manual Before Operating This Machine

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures. Always use common sense and good judgment.

⚠️ DANGER Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

⚠️ WARNING Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

⚠️ CAUTION Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE Alerts the user to useful information about proper operation of the machine to avoid machine damage.

Safety Instructions for Machinery

⚠️ WARNING

OWNER’S MANUAL. Read and understand this owner’s manual BEFORE using machine.

TRAINED OPERATORS ONLY. Untrained operators have a higher risk of being hurt or killed. Only allow trained/supervised people to use this machine. When machine is not being used, disconnect power, remove switch keys, or lock-out machine to prevent unauthorized use—especially around children. Make your workshop kid proof!

DANGEROUS ENVIRONMENTS. Do not use machinery in areas that are wet, cluttered, or have poor lighting. Operating machinery in these areas greatly increases the risk of accidents and injury.

MENTAL ALERTNESS REQUIRED. Full mental alertness is required for safe operation of machinery. Never operate under the influence of drugs or alcohol, when tired, or when distracted.

ELECTRICAL EQUIPMENT INJURY RISKS. You can be shocked, burned, or killed by touching live electrical components or improperly grounded machinery. To reduce this risk, only allow qualified service personnel to do electrical installation or repair work, and always disconnect power before accessing or exposing electrical equipment.

DISCONNECT POWER FIRST. Always disconnect machine from power supply BEFORE making adjustments, changing tooling, or servicing machine. This prevents an injury risk from unintended startup or contact with live electrical components.

EYE PROTECTION. Always wear ANSI-approved safety glasses or a face shield when operating or observing machinery to reduce the risk of eye injury or blindness from flying particles. Everyday eyeglasses are NOT approved safety glasses.
WEARING PROPER APPAREL. Do not wear clothing, apparel or jewelry that can become entangled in moving parts. Always tie back or cover long hair. Wear non-slip footwear to reduce risk of slipping and losing control or accidentally contacting cutting tool or moving parts.

HAZARDOUS DUST. Dust created by machinery operations may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material. Always wear a NIOSH-approved respirator to reduce your risk.

HEARING PROTECTION. Always wear hearing protection when operating or observing loud machinery. Extended exposure to this noise without hearing protection can cause permanent hearing loss.

REMOVE ADJUSTING TOOLS. Tools left on machinery can become dangerous projectiles upon startup. Never leave chuck keys, wrenches, or any other tools on machine. Always verify removal before starting!

USE CORRECT TOOL FOR THE JOB. Only use this tool for its intended purpose—do not force it or an attachment to do a job for which it was not designed. Never make unapproved modifications—modifying tool or using it differently than intended may result in malfunction or mechanical failure that can lead to personal injury or death!

AKWARD POSITIONS. Keep proper footing and balance at all times when operating machine. Do not overreach! Avoid awkward hand positions that make workpiece control difficult or increase the risk of accidental injury.

CHILDREN & Bystanders. Keep children and bystanders at a safe distance from the work area. Stop using machine if they become a distraction.

GUARDS & COVERS. Guards and covers reduce accidental contact with moving parts or flying debris. Make sure they are properly installed, undamaged, and working correctly BEFORE operating machine.

FORCING MACHINERY. Do not force machine. It will do the job safer and better at the rate for which it was designed.

NEVER STAND ON MACHINE. Serious injury may occur if machine is tipped or if the cutting tool is unintentionally contacted.

STABLE MACHINE. Unexpected movement during operation greatly increases risk of injury or loss of control. Before starting, verify machine is stable and mobile base (if used) is locked.

USE RECOMMENDED ACCESSORIES. Consult this owner’s manual or the manufacturer for recommended accessories. Using improper accessories will increase the risk of serious injury.

UNATTENDED OPERATION. To reduce the risk of accidental injury, turn machine OFF and ensure all moving parts completely stop before walking away. Never leave machine running while unattended.

MAINTAIN WITH CARE. Follow all maintenance instructions and lubrication schedules to keep machine in good working condition. A machine that is improperly maintained could malfunction, leading to serious personal injury or death.

DAMAGED PARTS. Regularly inspect machine for damaged, loose, or mis-adjusted parts—or any condition that could affect safe operation. Immediately repair/replace BEFORE operating machine. For your own safety, DO NOT operate machine with damaged parts!

MAINTAIN POWER CORDS. When disconnecting cord-connected machines from power, grab and pull the plug—NOT the cord. Pulling the cord may damage the wires inside. Do not handle cord/plug with wet hands. Avoid cord damage by keeping it away from heated surfaces, high traffic areas, harsh chemicals, and wet/damp locations.

EXPERIENCING DIFFICULTIES. If at any time you experience difficulties performing the intended operation, stop using the machine! Contact our Technical Support at (570) 546-9663.
Additional Safety for Dust Collectors

**WARNING**

Long-term respiratory damage can occur from using dust collectors without proper use of a respirator. Fire or explosions can result in smoke inhalation, serious burns, or death—if machine is used to collect incorrect materials, is operated near potential explosion sources, or ducting is improperly grounded. Entanglement, amputation, or death can occur if hair, clothing, or fingers are pulled into the inlet. To reduce the risk of these hazards, operator and bystanders MUST completely heed the hazards and warnings below.

**INTENDED USE.** Collecting the wrong materials can result in serious inhalation hazards, fire, explosions, or machine damage. This machine is ONLY designed to collect wood dust and chips from woodworking machines. DO NOT use it to collect silica, polyurethane, toxic fumes, metal dust or shavings, lead paint, drywall, asbestos, biohazards, explosive dusts, flammable or combustible liquids or fumes, nor burning or smoking material.

**POWER DISCONNECT.** Turn machine OFF, disconnect from power supply, and allow impeller to completely stop before leaving machine unattended, or doing any maintenance or service.

**REGULAR CLEANING.** To reduce risk of starting a fire, regularly check/empty collection bags or drum to avoid buildup of fine dust, which can increase risk of fire. Regularly clean surrounding area where machine is operated—excessive dust buildup on overhead lights, heaters, electrical panels, or other heat sources will increase risk of fire.

**SUSPENDED DUST PARTICLES.** To reduce risk of death or injury caused by explosions or fires, DO NOT operate in areas where these risks are high, including spaces near pilot lights, open flames, or other ignition sources.

**AVOIDING SPARKS.** To reduce risk of fire, avoid collecting any metal objects or stones. These can possibly produce sparks when they strike impeller, which can smolder in wood dust for a long time before a fire is detected. If you accidentally cut into wood containing metal, immediately turn OFF dust collector, disconnect from power, and wait for impeller to stop. Then empty bag or drum into approved airtight metal container.

**FIRE SUPPRESSION.** Only operate dust collector in locations that contain fire suppression system or have fire extinguisher nearby.

**STATIC ELECTRICITY.** To reduce risk of fire or explosions caused by sparks from static electricity, ground all ducting using grounding wire.

**DUST ALLERGIES.** Dust from certain woods will cause an allergic reaction. Make sure you know what type of wood dust you will be exposed to in case of an allergic reaction.

**WEAR A RESPIRATOR.** Fine dust that is too small to be caught in filter will be blown into ambient air. Always wear a NIOSH-approved respirator during operation and for a short time after to reduce your risk of permanent respiratory damage. Never collect dust from any hazardous material.

**IMPELLER HAZARDS.** To reduce risk of entanglement or contact with impeller, DO NOT place hands, hair, clothing, or tools in or near open dust collection inlet during operation, and keep small animals and children away. The powerful suction could easily pull them into impeller.

**HAZARDOUS DUST.** Dust exposure created while using machinery may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material, and always wear a NIOSH-approved respirator.

**EMPTYING DUST.** When emptying bag or drum, wear respirator and safety glasses. Empty dust away from ignition sources and into approved container.

**OPERATING LOCATION.** To reduce respiratory exposure to fine dust, locate permanently installed dust collectors away from working area or in another room. DO NOT place dust collector where it can be exposed to rain or moisture, which creates a shock hazard and will reduce life of machine.
SECTION 2: POWER SUPPLY

G0860 110V Power Supply

Availability
Before installing the machine, consider the availability and proximity of the required power supply circuit. If an existing circuit does not meet the requirements for this machine, a new circuit must be installed. To minimize the risk of electrocution, fire, or equipment damage, installation work and electrical wiring must be done by an electrician or qualified service personnel in accordance with all applicable codes and standards.

**WARNING**
Electrocution, fire, shock, or equipment damage may occur if machine is not properly grounded and connected to power supply.

Full-Load Current Rating
The full-load current rating is the amperage a machine draws at 100% of the rated output power. On machines with multiple motors, this is the amperage drawn by the largest motor or sum of all motors and electrical devices that might operate at one time during normal operations.

G0860 Full-Load Current Rating ........ 15 Amps

The full-load current is not the maximum amount of amps that the machine will draw. If the machine is overloaded, it will draw additional amps beyond the full-load rating.

If the machine is overloaded for a sufficient length of time, damage, overheating, or fire may result—especially if connected to an undersized circuit. To reduce the risk of these hazards, avoid overloading the machine during operation and make sure it is connected to a power supply circuit that meets the specified circuit requirements.

**WARNING**
Serious injury could occur if you connect machine to power before completing setup process. DO NOT connect to power until instructed later in this manual.

110V Circuit Requirements
This machine is prewired to operate on a power supply circuit that has a verified ground and meets the following requirements:

- **Nominal Voltage** ................. 110V, 115V, 120V
- **Cycle** ........................................ 60 Hz
- **Phase** .................................... Single-Phase
- **Power Supply Circuit** ............ 20 Amps

A power supply circuit includes all electrical equipment between the breaker box or fuse panel in the building and the machine. The power supply circuit used for this machine must be sized to safely handle the full-load current drawn from the machine for an extended period of time. (If this machine is connected to a circuit protected by fuses, use a time delay fuse marked D.)

**CAUTION**
For your own safety and protection of property, consult an electrician if you are unsure about wiring practices or electrical codes in your area.

Note: Circuit requirements in this manual apply to a dedicated circuit—where only one machine will be running on the circuit at a time. If machine will be connected to a shared circuit where multiple machines may be running at the same time, consult an electrician or qualified service personnel to ensure circuit is properly sized for safe operation.
Grounding & Plug Requirements
This machine MUST be grounded. In the event of certain malfunctions or breakdowns, grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

This machine is equipped with a power cord that has an equipment-grounding wire and a grounding plug. Only insert plug into a matching receptacle (outlet) that is properly installed and grounded in accordance with all local codes and ordinances. DO NOT modify the provided plug!

Improper connection of the equipment-grounding wire can result in a risk of electric shock. The wire with green insulation (with or without yellow stripes) is the equipment-grounding wire. If repair or replacement of the power cord or plug is necessary, do not connect the equipment-grounding wire to a live (current carrying) terminal.

Check with a qualified electrician or service personnel if you do not understand these grounding requirements, or if you are in doubt about whether the tool is properly grounded. If you ever notice that a cord or plug is damaged or worn, disconnect it from power, and immediately replace it with a new one.

Extension Cords
We do not recommend using an extension cord with this machine. If you must use an extension cord, only use it if absolutely necessary and only on a temporary basis.

Extension cords cause voltage drop, which can damage electrical components and shorten motor life. Voltage drop increases as the extension cord size gets longer and the gauge size gets smaller (higher gauge numbers indicate smaller sizes).

Any extension cord used with this machine must be in good condition and contain a ground wire and matching plug/receptacle. Additionally, it must meet the following size requirements:

Minimum Gauge Size ...................... 12 AWG
Maximum Length (Shorter is Better) .... 50 ft.
G0861/G0862 220V Power Supply

Availability
Before installing the machine, consider the availability and proximity of the required power supply circuit. If an existing circuit does not meet the requirements for this machine, a new circuit must be installed. To minimize the risk of electrocution, fire, or equipment damage, installation work and electrical wiring must be done by an electrician or qualified service personnel in accordance with all applicable codes and standards.

WARNING
Electrocution, fire, shock, or equipment damage may occur if machine is not properly grounded and connected to power supply.

Full-Load Current Rating
The full-load current rating is the amperage a machine draws at 100% of the rated output power. On machines with multiple motors, this is the amperage drawn by the largest motor or sum of all motors and electrical devices that might operate at one time during normal operations.

Full-Load Current Rating (G0861) ..........9 Amps
Full-Load Current Rating (G0862) .. 15.9 Amps

The full-load current is not the maximum amount of amps that the machine will draw. If the machine is overloaded, it will draw additional amps beyond the full-load rating.

If the machine is overloaded for a sufficient length of time, damage, overheating, or fire may result—especially if connected to an undersized circuit. To reduce the risk of these hazards, avoid overloading the machine during operation and make sure it is connected to a power supply circuit that meets the specified circuit requirements.

Circuit Information
A power supply circuit includes all electrical equipment between the breaker box or fuse panel in the building and the machine. The power supply circuit used for this machine must be sized to safely handle the full-load current drawn from the machine for an extended period of time. (If this machine is connected to a circuit protected by fuses, use a time delay fuse marked D.)

CAUTION
For your own safety and protection of property, consult an electrician if you are unsure about wiring practices or electrical codes in your area.

Note: Circuit requirements in this manual apply to a dedicated circuit—where only one machine will be running on the circuit at a time. If machine will be connected to a shared circuit where multiple machines may be running at the same time, consult an electrician or qualified service personnel to ensure circuit is properly sized for safe operation.

Circuit Requirements
This machine is prewired to operate on a power supply circuit that has a verified ground and meets the following requirements:

Nominal Voltage ..........208V, 220V, 230V, 240V
Cycle.................................................60 Hz
Phase............................................ Single-Phase
Power Supply Circuit (G0861).......... 15 Amps
Power Supply Circuit (G0862).......... 20 Amps
Plug/Receptacle (G0861)............. NEMA 6-15
Plug/Receptacle (G0862)............. NEMA 6-20
Grounding Requirements
This machine MUST be grounded. In the event of certain malfunctions or breakdowns, grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

This machine is equipped with a power cord that has an equipment-grounding wire and a grounding plug. Only insert plug into a matching receptacle (outlet) that is properly installed and grounded in accordance with all local codes and ordinances. DO NOT modify the provided plug!

Improper connection of the equipment-grounding wire can result in a risk of electric shock. The wire with green insulation (with or without yellow stripes) is the equipment-grounding wire. If repair or replacement of the power cord or plug is necessary, do not connect the equipment-grounding wire to a live (current carrying) terminal.

Check with a qualified electrician or service personnel if you do not understand these grounding requirements, or if you are in doubt about whether the tool is properly grounded. If you ever notice that a cord or plug is damaged or worn, disconnect it from power, and immediately replace it with a new one.

Extension Cords
We do not recommend using an extension cord with this machine. If you must use an extension cord, only use it if absolutely necessary and only on a temporary basis.

Extension cords cause voltage drop, which can damage electrical components and shorten motor life. Voltage drop increases as the extension cord size gets longer and the gauge size gets smaller (higher gauge numbers indicate smaller sizes).

Any extension cord used with this machine must be in good condition and contain a ground wire and matching plug/receptacle. Additionally, it must meet the following size requirements:

Minimum Gauge Size (G0861).............14 AWG
Minimum Gauge Size (G0862).............12 AWG
Maximum Length (Shorter is Better).......50 ft.

Figure 4. Typical 220V plugs and receptacles.

WARNING
Serious injury could occur if you connect machine to power before completing setup process. DO NOT connect to power until instructed later in this manual.

No adapter should be used with plug. If plug does not fit available receptacle, or if machine must be reconnected for use on a different type of circuit, reconnection must be performed by an electrician or qualified service personnel, and it must comply with all local codes and ordinances.
SECTION 3: SETUP

**WARNING**

This machine presents serious injury hazards to untrained users. Read through this entire manual to become familiar with the controls and operations before starting the machine!

**WARNING**

Wear safety glasses during the entire setup process!

**WARNING**

HEAVY LIFT!

Straining or crushing injury may occur from improperly lifting machine or some of its parts. To reduce this risk, get help from other people and use a forklift (or other lifting equipment) rated for weight of this machine.

---

### Needed for Setup

The following items are needed, but not included, for the setup/assembly of this machine.

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Glasses (for each person)</td>
<td>1</td>
</tr>
<tr>
<td>Another Person</td>
<td>2</td>
</tr>
<tr>
<td>Wrench or Socket 10mm</td>
<td>1</td>
</tr>
<tr>
<td>Wrench or Socket 12mm</td>
<td>1</td>
</tr>
<tr>
<td>Wrench or Socket 5/16&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Wrench or Socket 3/8&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Wrench or Socket 1/2&quot;</td>
<td>1</td>
</tr>
<tr>
<td>Hex Wrench 5mm</td>
<td>1</td>
</tr>
<tr>
<td>Phillips Screwdriver #2</td>
<td>1</td>
</tr>
</tbody>
</table>

---

### Unpacking

This machine was carefully packaged for safe transport. When unpacking, separate all enclosed items from packaging materials and inspect them for shipping damage. **If items are damaged, please call us immediately at (570) 546-9663.**

**IMPORTANT:** Save all packaging materials until you are completely satisfied with the machine and have resolved any issues between Grizzly or the shipping agent. **You MUST have the original packaging to file a freight claim. It is also extremely helpful if you need to return your machine later.**
Inventory

The following is a list of items shipped with your machine. Before beginning setup, lay these items out and inventory them.

If any non-proprietary parts are missing (e.g. a nut or a washer), we will gladly replace them; or for the sake of expediency, replacements can be obtained at your local hardware store.

**NOTICE**

If you cannot find an item on this list, carefully check around/inside the machine and packaging materials. Often, these items get lost in packaging materials while unpacking or they are pre-installed at the factory.

---

**Boxed Inventory (Figure 5)**

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A. Intake Barrel</td>
</tr>
<tr>
<td>1</td>
<td>B. Impeller Housing</td>
</tr>
<tr>
<td>1</td>
<td>C. Cyclone Funnel</td>
</tr>
<tr>
<td>1</td>
<td>D. Drum Lock Handle</td>
</tr>
<tr>
<td>1</td>
<td>E. Collection Drum Lid w/Ground Wire</td>
</tr>
<tr>
<td>1</td>
<td>F. Control Box w/RF Receiver Unit and Remote Control</td>
</tr>
<tr>
<td>1</td>
<td>G. Base</td>
</tr>
<tr>
<td>2</td>
<td>H. Hose Clamps 1 3/4&quot;</td>
</tr>
<tr>
<td>2</td>
<td>I. Collection Drum Latches</td>
</tr>
<tr>
<td>1</td>
<td>J. Vacuum Hose 1 1/2&quot; x 60&quot;</td>
</tr>
<tr>
<td>1</td>
<td>K. Filter Paddle Cover</td>
</tr>
<tr>
<td>1</td>
<td>L. Collection Drum Hose</td>
</tr>
<tr>
<td>1</td>
<td>M. Collection Drum Dust Bag</td>
</tr>
<tr>
<td>1</td>
<td>N. Filter Dust Bag</td>
</tr>
<tr>
<td>4</td>
<td>O. Swivel Casters 2&quot;</td>
</tr>
<tr>
<td>4</td>
<td>P. Locking Swivel Casters 2 1/2&quot;</td>
</tr>
<tr>
<td>2</td>
<td>Q. Flex Hose Clamps</td>
</tr>
<tr>
<td>1</td>
<td>R. Filter Dust Bag Clamp</td>
</tr>
<tr>
<td>1</td>
<td>S. Filter Handle Spindle</td>
</tr>
<tr>
<td>1</td>
<td>T. Collection Drum Handle</td>
</tr>
<tr>
<td>1</td>
<td>U. Inlet Adapter</td>
</tr>
<tr>
<td>2</td>
<td>V. Support Legs</td>
</tr>
<tr>
<td>2</td>
<td>W. Lock Handle Guides</td>
</tr>
<tr>
<td>1</td>
<td>X. Dust Collection Drum</td>
</tr>
<tr>
<td>1</td>
<td>Y. Canister Filter</td>
</tr>
<tr>
<td>1</td>
<td>Z. Vacuum Ring</td>
</tr>
<tr>
<td>1</td>
<td>AA. Filter Cleaning Handle</td>
</tr>
</tbody>
</table>

---

Figure 5. Boxed parts inventory.
**Hardware/Fasteners (Figure 6)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Hardware</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB</td>
<td>Flange Bolts 5/16&quot;-18 x 3/4&quot;</td>
<td>28</td>
</tr>
<tr>
<td>AC</td>
<td>Flange Bolts 5/16&quot;-18 x 1/2&quot;</td>
<td>24</td>
</tr>
<tr>
<td>AD</td>
<td>Button Head Cap Screws 5/16&quot;-18 x 3/4&quot;</td>
<td>16</td>
</tr>
<tr>
<td>AE</td>
<td>Hex Nuts 5/16&quot;-18</td>
<td>4</td>
</tr>
<tr>
<td>AF</td>
<td>Flange Nuts 5/16&quot;-18</td>
<td>12</td>
</tr>
<tr>
<td>AG</td>
<td>Flange Screw 10-24 x 3/8&quot;</td>
<td>1</td>
</tr>
<tr>
<td>AH</td>
<td>Phillips Head Screws 10-24 x 3/4&quot;</td>
<td>2</td>
</tr>
<tr>
<td>AI</td>
<td>Phillips Head Screws 1/4&quot;-20 x 5/8&quot;</td>
<td>2</td>
</tr>
<tr>
<td>AJ</td>
<td>Phillips Head Screws M4-.7 x 8</td>
<td>8</td>
</tr>
<tr>
<td>AK</td>
<td>Fender Washers 5/16&quot;</td>
<td>16</td>
</tr>
<tr>
<td>AL</td>
<td>Flat Washers 5/16&quot;</td>
<td>4</td>
</tr>
<tr>
<td>AM</td>
<td>Lock Nuts M4-.7</td>
<td>8</td>
</tr>
<tr>
<td>AN</td>
<td>Hex Nuts 10-24</td>
<td>2</td>
</tr>
<tr>
<td>AO</td>
<td>Acorn Nuts 1/4&quot;-20</td>
<td>2</td>
</tr>
</tbody>
</table>

![Figure 6. Hardware/fasteners.](image-url)
Site Considerations

Weight Load
Refer to the Machine Data Sheet for the weight of your machine. Make sure that the surface upon which the machine is placed will bear the weight of the machine, additional equipment that may be installed on the machine, and the heaviest workpiece that will be used. Additionally, consider the weight of the operator and any dynamic loading that may occur when operating the machine.

Space Allocation
Consider the largest size of workpiece that will be processed through this machine and provide enough space around the machine for adequate operator material handling or the installation of auxiliary equipment. With permanent installations, leave enough space around the machine to open or remove doors/covers as required by the maintenance and service described in this manual.

See below for required space allocation.

Physical Environment
The physical environment where the machine is operated is important for safe operation and longevity of machine components. For best results, operate this machine in a dry environment that is free from excessive moisture, hazardous chemicals, airborne abrasives, or extreme conditions. Extreme conditions for this type of machinery are generally those where the ambient temperature range exceeds 41°–104°F; the relative humidity range exceeds 20%–95% (non-condensing); or the environment is subject to vibration, shocks, or bumps.

Electrical Installation
Place this machine near an existing power source. Make sure all power cords are protected from traffic, material handling, moisture, chemicals, or other hazards. Make sure to leave enough space around machine to disconnect power supply or apply a lockout/tagout device, if required.

Lighting
Lighting around the machine must be adequate enough that operations can be performed safely. Shadows, glare, or strobe effects that may distract or impede the operator must be eliminated.

---

Figure 7. Minimum working clearances.
Assembly

The machine must be fully assembled before it can be operated. Before beginning the assembly process, refer to Needed for Setup and gather all listed items. To ensure the assembly process goes smoothly, first clean any parts that are covered or coated in heavy-duty rust preventative (if applicable).

IMPORTANT: When assembling any components with a gasket, tighten fasteners in an alternating star pattern (see Figure 8) to ensure an even seal and reduce the risk of air leaks.

To assemble dust collector:

1. Attach (4) 2½" locking swivel casters to bottom of base, and secure each caster with (4) 5/16"-18 x ½" flange bolts (see Figure 9).

2. Attach each support leg to base, as shown in Figure 10, and finger-tighten with (8) 5/16"-18 x ¾" button head cap screws and (8) 5/16" fender washers.

Note: For Models G0860 and G0861, install support leg with FIX SWITCH HERE sticker on left side of base. For Model G0862, install support leg with FIX SWITCH HERE sticker on right side of base.

3. Attach lock handle guide with stop plate to left side of base stand, and finger-tighten with (2) 5/16"-18 x ½" flange bolts (see Figure 11).

4. Repeat Step 3 to attach second lock handle guide to right side of base.

Figure 8. Alternating star pattern for tighteners of components assembled with a gasket.

Figure 9. Locking swivel caster (1 of 4) attached to base.

Figure 10. Support legs attached to base.

Figure 11. Lock handle guide with stop plate attached to base.
5. With help of two assistants, lift impeller housing onto support legs and lock handle guides (see Figure 12).

6. Secure impeller housing to support legs with (8) ⅜"-18 x ¾" button head cap screws and (8) ⅜" fender washers (see Figure 13).

7. Secure impeller housing to lock handle guides with (4) ⅜"-18 x ½" flange bolts (see Figure 13).

8. Fully tighten all fasteners installed in Steps 2–4 (see Figures 10–11).

9. Have an assistant align intake barrel so dust port points straight out from impeller housing (see Figure 14), then attach to impeller housing with (8) ⅜"-18 x ¾" flange bolts.

   Note: For G0860 and G0861, align dust port on right. For G0862, align dust port on left.

10. Attach cyclone funnel to intake barrel, as shown in Figure 15, using (8) ⅜"-18 x ¾" flange bolts and (8) ⅜"-18 flange nuts.

Once installed, the impeller housing makes the machine top heavy. Assistants must securely hold the impeller housing in place until Steps 5–7 are completed.
11. Using fasteners attached to spring bracket, place upper end of drum lock handle over outer stud on spring bracket, then attach lock handle link to lower hole on lock handle (see Figure 16).

12. Place (2) hose clamps around flexible hose, then slide hose over port on collection drum lid and tighten clamps (see Figure 17).

13. With collection drum lid mounting brackets facing up, orient lid so dust port, flexible hose, and spring brackets align (see Figure 17).

14. Attach flexible hose to cyclone funnel and secure with (1) hose clamp (see Figure 17).

15. Connect ground wire to spring bracket stud, then secure lid and ground wire using (4) 5/16”-18 flange nuts (see Figure 17).

16. Attach 2” swivel casters to collection drum, as shown in Figure 18, using (1) 5/16”-18 hex nut on each.

17. Adjust pre-installed flange nut and hex nut (see Figure 18) until drum rolls evenly without rocking or wobbling, then tighten both nuts to secure caster in place.

18. Place vacuum ring inside collection drum with smaller side of ring facing down, as shown in Figure 19.

Note: During operation, this ring and the vacuum connection to the cyclone funnel will prevent the collection bag from collapsing or being pulled up into the cyclone.
19. Attach both drum latches using (4) M4-.7 x 8 Phillips head screws and (4) M4-.7 lock nuts per latch (see Figure 20).

20. Attach handle to collection drum using (2) 1/4"-20 x 5/8" Phillips head screws and (2) 1/4"-20 acorn nuts (see Figure 21).

21. Insert large plastic dust bag inside collection drum, and fold excess length of bag over top of collection drum.

22. Move collection drum under lid, connect latches to lid hooks, then secure latches.

23. Press drum lock handle down to lift collection drum off floor.

24. Place 1 3/4" hose clamps on each end of 1 1/2" x 60" vacuum hose, then connect hose to ports on cyclone funnel and collection drum (see Figure 22).

25. While assistant holds canister filter under impeller housing, reach into impeller housing and attach canister filter to impeller housing with (6) 5/16"-18 x 3/4" flange bolts (see Figure 23).
26. Insert filter handle spindle so one of two M6-1 x 16 cap screw tips aligns with flat on side of filter paddle spindle, then tighten both cap screws to secure spindle (see Figure 24).

![Figure 24. Filter handle spindle attached to canister filter assembly.](image)

27. Slide filter paddle cover over filter handle spindle, then secure with (6) \( \frac{5}{16}^-18 \times \frac{3}{4}'' \) flange bolts (see Figure 25).

![Figure 25. Installing filter paddle cover.](image)

28. Install filter cleaning handle on spindle so that M6-1 x 16 hex bolt tip aligns with spindle flat, then tighten hex bolt (see Figure 26).

![Figure 26. Filter handle installed on spindle.](image)

29. Attach plastic filter bag to canister filter and secure with bag clamp (see Figure 27).

![Figure 27. Filter bag attached to canister filter.](image)
30. Loosen (2) Phillips head screws and remove magnetic switch cover (see Figure 28).

![Figure 28. Magnetic switch cover.](image)

31. Install magnetic switch over FIX SWITCH HERE label (left support arm for Models G0860 and G0861, right support arm for Model G0862), then secure with (2) 10-24 x ¾" Phillips head screws and (2) 10-24 hex nuts (see Figure 29).

![Figure 29. Installing magnetic switch on support arm.](image)

32. Tuck loose wires into magnetic switch cover so they cannot get pinched or crimped when cover is re-attached, and then replace magnetic switch cover and tighten (2) Phillips head screws loosened in Step 30 to secure.

33. Thread motor cord through support arm opening and connect to matching plug from motor under impeller housing (see Figure 30).

![Figure 30. Magnetic switch attached to support arm.](image)

34. Install inlet adapter on dust port and secure with 10-24 x ⅜" flange screw (see Figure 31).

![Figure 31. Inlet adapter installed on dust port.](image)
Test Run

Once assembly is complete, test run the machine to ensure it is properly connected to power and safety components are functioning correctly.

If you find an unusual problem during the test run, immediately stop the machine, disconnect it from power, and fix the problem BEFORE operating the machine again. The Troubleshooting table in the SERVICE section of this manual can help.

**WARNING**
Serious injury or death can result from using this machine BEFORE understanding its controls and related safety information. DO NOT operate, or allow others to operate, machine until the information is understood.

**WARNING**
DO NOT start machine until all preceding setup instructions have been performed. Operating an improperly set up machine may result in malfunction or unexpected results that can lead to serious injury, death, or machine/property damage.

To test run machine:

1. Clear all setup tools away from machine.
2. Lock all swivel casters on base stand.
3. Connect machine to dust-collection system or place covers over inlet adapter ports.
   
   **IMPORTANT:** DO NOT operate the dust collector without first connecting it to a dust-collection system or covering an inlet adapter port. Otherwise, the lack of airflow resistance will cause the motor to operate at full amperage load, which could trip your circuit breaker or blow a fuse.
4. Press Emergency Stop button in.
5. Connect machine to power.
6. Twist Emergency Stop button clockwise until it springs out (see Figure 32). This resets the switch so the machine can start.

   ![Figure 32. Resetting Emergency Stop button.](image)

7. Standing away from intake port, press green "I" button to turn machine **ON**. Verify motor starts up and runs smoothly without any problems or unusual noises.
8. Press Emergency Stop button to turn machine **OFF**.
9. WITHOUT resetting Emergency Stop button, try to start machine by pressing the "I" button. The machine should NOT start.
   
   — If the machine does not start, the Emergency Stop button is working correctly.
   
   — If the machine does start, immediately turn it **OFF** and disconnect power. The Emergency Stop button is NOT working properly and must be corrected before further using the machine.
10. To test remote control operation, press green remote button to turn motor **ON**. The motor should run smoothly with little or no vibration or rubbing noises.
11. Press red remote button to turn motor **OFF**.
   
   — If the machine does not shut off with the remote control, press the Emergency Stop button to turn machine **OFF**. Refer to Troubleshooting on **Page 41** to correct any problems with the remote control unit before further using it again with the machine.
SECTION 4: DESIGNING A SYSTEM

General

⚠️ CAUTION
Always make sure there are no open flames or pilot lights in the same room as the dust collector. There is a risk of explosion if too much fine dust is dispersed into the air with an open flame present.

⚠️ CAUTION
Always guard against static electrical build up by grounding all dust collection lines.

You have many choices regarding main line and branch line duct material. For best results, use smooth metal duct for the main line and branch lines, then use short lengths of flexible hose to connect each machine to the branch lines.

Plastic duct is also a popular material for home shops. However, be aware that there is a fire or explosion hazard if plastic duct material is not properly grounded to prevent static electrical buildup (refer to System Grounding at the end of this section). Another problem with using plastic duct is that it is less efficient per foot than metal.

The Model G0860/G0861/G0862 works quite well as a point-of-use dust collector, or for collecting dust from up to two machines (Model G0860) or up to three machines (Models G0861 and G0862) simultaneously. The locking swivel casters make it easy to move around the shop near the machine being used.

Tips for Optimum Performance

- Avoid using more than 10’ of flexible hose on any ducting line. The ridges inside flexible hose greatly increase static pressure loss, which reduces suction performance.
- Keep ducts between the dust collector and machines as short as possible.
- Keep ducting directional changes to a minimum. The more curved fittings you use, the greater the loss of suction at the dust-producing machine.
- Gradual directional changes are more efficient than sudden directional changes (i.e. use 45° elbows in place of 90° elbows whenever possible).
- The simpler the system, the more efficient and less costly it will be.

Duct Material

The popularity of plastic duct is due to the fact that it is an economical and readily available product. It is also simple to assemble and easily sealed against air loss. The primary disadvantage of plastic duct for dust collection is the inherent danger of static electrical buildup.

⚠️ CAUTION
Plastic duct generates static electrical buildup that can cause fire or shock. Properly ground it to reduce this risk.

Figure 33. Examples of plastic ducting components.
Metal Duct

Advantages of smooth metal duct is its conductivity, efficiency, and that it does not contribute to static electrical charge build-up. However, static charges are still produced when dust particles strike other dust particles as they move through the duct. Since metal duct is a conductor, it can be grounded quite easily to dissipate any static electrical charges.

Flexible Duct

Flexible hose is generally used for short runs, small shops and at rigid duct-to-tool connections. There are many different types of flex hose on the market today. These are manufactured from materials such as polyethylene, PVC, cloth hose dipped in rubber and even metal, including steel and aluminum.

The superior choice here is metal flex hose that is designed to be flexible, yet be as smooth as possible inside to reduce static pressure loss.

There are a number of options when it comes to metal duct, but metal duct that is specially manufactured for dust collection is the best choice. When selecting your metal duct, choose high quality metal duct with smooth welded internal seams that will minimize airflow resistance. This type of duct usually connects to other ducts or elbows with a simple, self-sealing clamp, is very quick and easy to assemble, and can be readily dismantled and re-installed in a different configuration. This is especially important if you ever need to change things around in your shop or add more tools.

Avoid inferior metal duct that requires you to cut it to length and snap it together. This type of duct is time consuming to install because it requires you to seal all the seams with silicone and screw the components on the ends with sheet metal screws. Another disadvantage is the rough internal seams and crimped ends that unavoidably increase static pressure loss.

There are also many kinds of pure plastic flexible hose, such as non-perforated drainage type hose and dryer vent hose. Drainage type hose, while being economical, does not quite have the flexibility required for dust collection. The inside of the duct is also deeply corrugated and can increase the static pressure loss by as much as 50% over smooth wall duct. Dryer vent hose, while being completely flexible, is non-resistant to abrasion and has a tendency to collapse in a negative pressure system. We DO NOT recommend using dryer vent hose in your dust collection system.

If using flex-hose, you should choose one of the many types that are designed specifically for the movement of solid particles, i.e. dust, grains, and plastics. However, the cost of specifically designed flexible duct can vary greatly. Grizzly offers polyethylene hose, which is well suited for the removal of particulate matter, especially sawdust, since it is durable and completely flexible. Polyethylene is also very economical and available in a wide variety of diameters and lengths for most applications.
System Design

Decide Who Will Design
For most small-to-medium sized shops, you can design and build the dust collection system yourself without hiring engineers or consultants. We have included some basic information here to get you started on a basic design.

If you have a large shop or plan to design a complicated system, we recommend doing additional research beyond this manual or seeking the help of an expert.

Sketch Your Shop Layout
When designing a successful dust collection system, planning is the most important step. In this step, sketch a basic layout of your shop, including space requirements of different machines.

Before you get out your pencil and paper, we recommend you visit our FREE Workshop Planner, at http://www.grizzly.com/workshopplanner.

Our Workshop Planner will allow you to quickly and easily design and print a basic shop layout. Don’t worry, non-Grizzly brand machines can be substituted with Grizzly machines for layout purposes. Note: After you’re finished, make sure to save your layout for later modification.

Your sketch only needs the basic details of the shop layout, similar to the figure below, including all your current/planned machines and your planned placement of the dust collector.

Sketch a Basic Duct Layout
For the next step, sketch how you will connect your machines to the dust collector. Consider these general guidelines for an efficient system:

1. Machines that produce the most saw dust should be placed nearest to the dust collector (i.e. planers and sanders).

2. Ideally, you should design the duct system to have the shortest possible main line and secondary branch ducts. See the figures below for ideas of efficient versus inefficient duct layouts.

![Efficient Duct Layout](image1.png)

![Inefficient Duct Layout](image2.png)
3. Directional changes should be kept to a minimum. The more directional change fittings you use directly increases the overall resistance to airflow.

4. Gradual directional changes are more efficient than sudden directional changes (i.e. use the largest corner radius possible when changing hose or pipe direction).

5. Each individual branch line should have a blast gate immediately after the branch to control suction from one machine to another.

6. The simpler the system, the more efficient and less costly it will be.

**Determine Required CFMs**

Since each machine produces a different amount of sawdust, the requirements for the minimum amount of CFM to move that sawdust is unique to the machine (for example, a planer produces more sawdust than a table saw). Knowing this required CFM is important to gauging which size of duct to use.

Refer to the figure below for a close estimation of the airflow each machine requires. Keep in mind that machines that generate the most sawdust should be placed closest to the dust collector. If the machine has multiple dust ports, the total CFM required is the sum of all ports.

If the machine does not have a built-in dust port, use the following table to determine which size of dust port to install.

<table>
<thead>
<tr>
<th>Machine</th>
<th>Average Dust Port Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table Saw</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Miter/Radial-Arm Saw</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Jointer (6&quot; and smaller)</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Jointer (8&quot;-12&quot;)</td>
<td>5&quot;</td>
</tr>
<tr>
<td>Thickness Planer (13&quot; and smaller)</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Thickness Planer (14&quot;-20&quot;)</td>
<td>6&quot;</td>
</tr>
<tr>
<td>Shaper</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Router (mounted to table)</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Bandsaw</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Lathe</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Disc Sander (12&quot; and smaller)</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Disc Sander (13-18&quot;)</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Belt Sander (6&quot; and smaller)</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Belt Sander (7&quot;-9&quot;)</td>
<td>3&quot;</td>
</tr>
<tr>
<td>Edge Sander (6&quot; x 80&quot; and smaller)</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Edge Sander (6&quot; x 80&quot; and larger)</td>
<td>5&quot;</td>
</tr>
<tr>
<td>Drum Sander (24&quot; and smaller)</td>
<td>2 x 4&quot;</td>
</tr>
<tr>
<td>Drum Sander (24&quot; and larger)</td>
<td>4 x 4&quot;</td>
</tr>
<tr>
<td>Widebelt Sander (18&quot; and smaller)</td>
<td>5&quot;</td>
</tr>
<tr>
<td>Widebelt Sander (24&quot;-37&quot; single head)</td>
<td>2 x 6&quot;</td>
</tr>
<tr>
<td>Widebelt Sander (24&quot;-51&quot; double head)</td>
<td>5 x 4&quot;</td>
</tr>
</tbody>
</table>

**Figure 40.** Dust port size and quantity per average machine.

Write the required CFM for each machine on your sketch, as shown in the figure below.

![Figure 41. CFM requirements labeled for each machine.](image-url)
Determining Main Line Duct Size

The general rule of thumb for a main line duct is that the velocity of the airflow must not fall below 3500 FPM.

For small/medium sized shops, using the inlet size of the dust collector as the main line duct size will usually keep the air velocity above 3500 FPM and, depending on your system, will allow you to keep multiple branches open at one time.

Mark your drawing, as shown in the figure below, but using the inlet size for your dust collector as the main line.

![Figure 42. Main line size labeled on sketch.](image)

Determining Branch Line Duct Size

The general rule of thumb for a branch line duct is that the velocity of the airflow must not fall below 4000 FPM.

For small/medium sized shops, using the dust port size from the machine as the branch line duct size will achieve the correct velocity in most applications. However, if the dust port on the machine is smaller than 4", make the branch line 4" and neck the line down right before the dust port.

Note: Systems with powerful dust collectors work better if multiple blast gates are left open. This also allows you to run two machines at once. Experiment with different combinations of blast gates open/closed to find the best results for your system.

Write your determined branch line sizes on your drawing, as shown in the following figure.

![Figure 43. Branch line duct sizes labeled.](image)

![Figure 44. Sizing chart for multiple machines on the same branch line.](image)
Planning Drop Downs
Plan the drop downs for each machine, using blast gates wherever possible to control airflow.

![Figure 45. Drop-down setup.](image)

Calculating Duct Resistance
Adding duct work, elbows, branches and any other components to a duct line increases airflow resistance (static pressure loss). This resistance can be minimized by using rigid (smooth) duct and gradual curves, as opposed to flexible duct and 90° elbows.

To help you think about this resistance, imagine riding a bicycle in a tunnel that is an exact replica of your duct work. If the inside of the tunnel is very bumpy (flexible duct) and has a lot of sharp turns (90° elbows), it will take a lot more effort to travel from one end to the other.

The purpose of calculating the resistance is to determine if it is low enough from the machine to the dust collector to meet the given CFM requirement for the machine. Use the following tables to calculate the resistance of duct work.

<table>
<thead>
<tr>
<th>Duct Dia.</th>
<th>Approximate Static Pressure Loss Per Foot of Rigid Duct</th>
<th>Approximate Static Pressure Loss Per Foot of Flexible Duct</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Main Lines at 3500 FPM</td>
<td>Branch Lines at 4000 FPM</td>
</tr>
<tr>
<td>2&quot;</td>
<td>0.091</td>
<td>0.122</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>0.08</td>
<td>0.107</td>
</tr>
<tr>
<td>3&quot;</td>
<td>0.071</td>
<td>0.094</td>
</tr>
<tr>
<td>4&quot;</td>
<td>0.057</td>
<td>0.075</td>
</tr>
<tr>
<td>5&quot;</td>
<td>0.046</td>
<td>0.059</td>
</tr>
<tr>
<td>6&quot;</td>
<td>0.037</td>
<td>0.047</td>
</tr>
<tr>
<td>7&quot;</td>
<td>0.029</td>
<td>0.036</td>
</tr>
<tr>
<td>8&quot;</td>
<td>0.023</td>
<td>0.027</td>
</tr>
<tr>
<td>9&quot;</td>
<td>0.017</td>
<td>0.019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fitting Dia.</th>
<th>90° Elbow</th>
<th>45° Elbow</th>
<th>45° Wye(Y)</th>
<th>90° Wye(Y)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>0.47</td>
<td>0.235</td>
<td>0.282</td>
<td>0.188</td>
</tr>
<tr>
<td>4&quot;</td>
<td>0.45</td>
<td>0.225</td>
<td>0.375</td>
<td>0.225</td>
</tr>
<tr>
<td>5&quot;</td>
<td>0.531</td>
<td>0.266</td>
<td>0.354</td>
<td>0.236</td>
</tr>
<tr>
<td>6&quot;</td>
<td>0.564</td>
<td>0.282</td>
<td>0.329</td>
<td>0.235</td>
</tr>
<tr>
<td>7&quot;</td>
<td>0.468</td>
<td>0.234</td>
<td>0.324</td>
<td>0.216</td>
</tr>
<tr>
<td>8&quot;</td>
<td>0.405</td>
<td>0.203</td>
<td>0.297</td>
<td>0.189</td>
</tr>
</tbody>
</table>

![Figure 46. Static pressure loss charts.](image)

In most small/medium shops it is only necessary to calculate the line with the longest duct length or the most fittings (operating under the assumption that if the line with the highest resistance works, the others will be fine).

To calculate the static pressure of any given line in the system, follow these steps:

1. Make a list of each size duct in the line, including the length, and multiply those numbers by the static pressure value given in the previous table.
2. List each type of elbow or branch and multiply the quantity (if more than one) by the static pressure loss given in the previous table.
3. Add the additional factors from the following table to your list.

<table>
<thead>
<tr>
<th>Additional Factors</th>
<th>Static Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seasoned (well used) Dust Collection Filter</td>
<td>1&quot;</td>
</tr>
<tr>
<td>Entry Loss at Large Machine Hood</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

**Figure 47.** Additional factors affecting static pressure.

4. Total your list as shown in the example below to come up with your overall static pressure loss number for that line.

   **Note:** Always account for a seasoned filter, so you don’t end up with a system that only works right when the filter is clean.

   **Figure 48.** Totaling static pressure numbers.

   - **Main Line**: 6" Rigid Duct (0.037) at 20' .......... 0.740
   - **Branch Line**: 4" Rigid Duct (0.075) at 10' .......... 0.750
     - 4" Flexible Duct (0.28) at 5' .......... 1.400
   - **Elbows/Branches**: 6" 45˚ Y-Branch .......... 0.329
     - 4" 45˚ Elbow .......... 0.225
   - **Additional Factors**: Seasoned Filter .......... 1.000

   **Total Static Pressure Loss** .......... 4.444

5. Compare the total static pressure loss for that line to the closest CFM given in **Figure 49** for your dust collector.

   **Example:** A typical Data Sheet Performance Curve is illustrated in **Figure 49**. Find 4.4 on the Static Pressure axis (the amount of total static pressure loss calculated in Figures 48–49), then refer to the closest value on the CFM axis—approximately 1120 CFM.

   The 1120 CFM for the static pressure loss of the line connected to the router is well above the 220 CFM requirement of that machine.

   **Figure 49.** CFM for static pressure loss of line connected to a dust collector & router.

   - If the CFM for your static pressure loss is above the requirement of the machine connected to the end of that branch line, then dust collection will most likely be successful. Congratulations! You’ve just designed your own dust system. Refer to the Accessories section on Page 36 to start buying the components necessary to make your system a reality.

   - If the CFM for your static pressure loss is below the requirement of the machine, then that line will not effectively collect the dust. You must then modify some of the factors in that line to reduce the static pressure loss. Some of the ways to do this include 1) installing larger duct, 2) reducing amount of flexible duct used, 3) increasing machine dust port size, 4) moving machine closer to dust collector to eliminate duct length, and 5) reducing 90˚ elbows or replacing them with 45˚ elbows.
Example Materials List

After the system is designed, create a materials list of all the items you will need to build your dust collection system. This will make it easy when it comes time to purchase the materials.

Below is an example of some items that might be needed. Refer to Accessories for dust collection components available through grizzly.com.

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Rigid Duct at 20'</td>
<td>G7364</td>
<td>4</td>
</tr>
<tr>
<td>4&quot; Rigid Duct at 10'</td>
<td>G6162</td>
<td>2</td>
</tr>
<tr>
<td>4&quot; Flex Hose at 5'</td>
<td>H7215</td>
<td>6</td>
</tr>
<tr>
<td>6&quot; 45° Y-Branch</td>
<td>G7353</td>
<td>6</td>
</tr>
<tr>
<td>4&quot; 45° Elbow</td>
<td>G6167</td>
<td>6</td>
</tr>
</tbody>
</table>
System Grounding

Since plastic hose is abundant, relatively inexpensive, easily assembled and air tight, it is a very popular material for conveying dust from woodworking machines to the dust collector.

We recommend only using short lengths of flexible hose (flex-hose) to connect the woodworking machine to the dust collector. However, plastic flex-hose and plastic duct are an insulator, and dust particles moving against the walls of the plastic duct create a static electrical buildup. This charge will build until it discharges to a ground.

If a grounding medium is not available to prevent static electrical buildup, the electrical charge will arc to the nearest grounded source. This electrical discharge may cause an explosion and subsequent fire inside the system.

To protect against static electrical buildup inside a non-conducting duct, a bare copper wire should be placed inside the duct along its length and grounded to the dust collector. You must also confirm that the dust collector is continuously grounded through the electrical circuit to the electric service panel.

If you connect the dust collector to more than one machine by way of a non-conducting branching duct system and blast gates, the system must still be grounded as mentioned above. We recommend inserting a continuous bare copper ground wire inside the entire duct system and attaching the wire to each grounded woodworking machine and dust collector.

Be sure that you extend the bare copper wire down all branches of the system. Do not forget to connect the wires to each other with wire nuts when two branches meet at a “Y” or “T” connection.

Ensure that the entire system is grounded. If using plastic blast gates to direct air flow, the grounding wire must be jumped (see the figure below) around the blast gate without interruption to the grounding system.

To protect against static electrical buildup inside a non-conducting duct, a bare copper wire should be placed inside the duct along its length and grounded to the dust collector. You must also confirm that the dust collector is continuously grounded through the electrical circuit to the electric service panel.

We also recommend wrapping the outside of all plastic ducts with bare copper wire to ground the outside of the system against static electrical buildup. Wire connections at Y’s and T’s should be made with wire nuts.

Attach the bare ground wire to each stationary woodworking machine and attach to the dust collector frame with a ground screw as shown in the figure below. Ensure that each machine is continuously grounded to the grounding terminal in your electric service panel.

Always guard against static electrical build up by grounding all dust collection lines.

Figure 54. Ground jumper wire when using plastic blast gates and metal duct.

Figure 55. Flex-hose grounded to machine.
SECTION 5: OPERATIONS

Operation Overview

The purpose of this overview is to provide the novice machine operator with a basic understanding of how the machine is used during operation, so the machine controls/components discussed later in this manual are easier to understand.

Due to the generic nature of this overview, it is not intended to be an instructional guide. To learn more about specific operations, read this entire manual, seek additional training from experienced machine operators, and do additional research outside of this manual by reading "how-to" books, trade magazines, or websites.

General Operation

This cyclone dust collector creates a vortex of incoming air that extracts heavy wood chips and large dust particles, and then drops them into the steel drum below, which is lined with a plastic bag.

To reduce your risk of serious injury, read this entire manual BEFORE using machine.

To reduce risk of eye injury from flying chips or lung damage from breathing dust, always wear safety glasses and a respirator when operating this machine.

Figure 56. Dust collector operation.

The remaining fine dust travels past the impeller and is then caught by a canister filter and deposited in the plastic collection bag below. The spun-bond polyester filters catch 99.9 percent of particles to 1 micron in size, and are pleated to provide maximum surface area for efficient air flow.

To maintain CFM during heavy dust-collection operations, turn the filter cleaning handle back and forth to knock caked-on dust into the plastic collection bag.

Always lock all four swivel casters before operation.

-34-
Programming Receiver

The Models G0860-62 are equipped with a remote control receiver that can be programmed to operate up to 16 separate controllers.

⚠️ WARNING
Avoid touching electrified parts inside receiver while performing procedure below! Touching electrified parts will result in personal injury but not limited to severe burns, electrocution, or death. Use a wood dowel or other non-conducting item to push button on receiver.

To program receiver:

1. Remove switch cover to get a clear view of remote receiver (see Figure 57).

Figure 57. Location of remote receiver (G0862 shown).

2. Press and hold green ON button on remote control until LED indicator illuminates on remote receiver (see Figure 58).

3. Press button shown in Figure 58, then release when LED indicator turns off. Pairing is complete.

Figure 58. Remote receiver features.

4. To erase all current transmitter codes, press green ON button on remote control for eight seconds, then wait for LED indicator to flash three times. Repeat Steps 2–3 to program receiver to accept new remote controller(s).
SECTION 6: ACCESSORIES

WARNING
Installing unapproved accessories may cause machine to malfunction, resulting in serious personal injury or machine damage. To reduce this risk, only install accessories recommended for this machine by Grizzly.

NOTICE
Refer to our website or latest catalog for additional recommended accessories.

W1050—Dust Collection Basics Book
This incisive book skillfully guides the woodworker through all the steps necessary in the design and construction of an efficient central dust-collection system and tells you what you need to know for easy installation. 64 pages.

H7465—8" x 10' Dust Hose
H7463—7" x 10' Dust Hose
W1036—6" x 10' Dust Hose
Spiral-wire-reinforced clear hose allows easy inspection for locating potential clogs in your duct system. Uses RH fittings. Available in additional diameters and lengths.

Figure 61. Flexible clear dust hose.

G6177—4" Metal Blast Gate
G7340—5" Metal Blast Gate
G7358—6" Metal Blast Gate
H5234—7" Metal Blast Gate
H5249—8" Metal Blast Gate
Control air flow and resistance between machines. These industrial blast gates can take the abuse of thousands of open and close cycles. Made specifically for production shops. These metal industrial dust collection fittings are simply the best you can find.

Figure 62. Metal blast gate assortment.

H7217—6" x 5' Rigid Flex Hose
H7218—7" x 5' Rigid Flex Hose
H7219—8" x 5' Rigid Flex Hose
These Rigid Flex Hoses with rolled collars provide just enough flexibility to make difficult connections while still keeping the inside wall smooth.

Figure 60. Rigid flex hose.

G6177
G7340
H5234

Figure 59. W1050 Dust Collection Basics Book.

Figure 61. Flexible clear dust hose.

Figure 62. Metal blast gate assortment.

order online at www.grizzly.com or call 1-800-523-4777

Model G0860/G0861/G0862 (Mfd. Since 10/19)
H7429—8" Industrial Dust Collection Machine Adapter
H5238—8" Industrial Dust Collection Pipe Clamp
H5239—8" Industrial Dust Collection Adjustable Nipple
H5250—8" Industrial Dust Collection Pipe Hanger
T26510—8" Industrial Dust Collection Clamp Hanger
T27054—8" Quick-Fit O-Ring, 12-Pk.
T28548—8" x 6" x 6" Industrial Dust Collection Standard Branch

D4206—Clear Flexible Hose 4" x 10'
D4256—45° Elbow 4"
D4216—Black Flexible Hose 4" x 10'
W1034—Heavy-Duty Clear Flex Hose 4" x 10'
D2107—Hose Hanger 4¼"
W1015—Y-Fitting 4" x 4" x 4"
W1017—90° Elbow 4"
W1019—Hose Coupler (Splice) 4"
W1317—Wire Hose Clamp 4"
W1007—Plastic Blast Gate 4"
W1053—Anti-Static Grounding Kit

T27422—Viewing Spool 8"
This viewing spool is a section of acrylic glass with QF ends so you can keep an eye on your material flow. Makes it a cinch to check for slowdowns or debris! Ends are 22 gauge, 8" opening. Total length 12.5".

W1039—Universal Adapter
This adapter provides a multitude of reducing options. Simply cut off unneeded steps. Outside diameter sizes include 1", 2", 2.5", 3", 4", 5", and 6". Wall thickness is ⅛".

order online at www.grizzly.com or call 1-800-523-4777
Model G0860/G0861/G0862 (Mfd. Since 10/19)
T30489—HEPA Filter Upgrade (G0860, G0861)
T30490—HEPA Filter Upgrade (G0862)
These MERV-17 rated filters capture the finest dust! They have 3 layers: the first layer is 1 micron; the second layer is the HEPA layer and captures 99.98% of 0.3-micron particles; the third layer is a fiberglass-reinforced layer to strengthen the HEPA layer. The filter surface area of the T30489 is 28.1 square feet, and it fits the G0860 & G0861. The filter surface area of the T30490 is 45.2 square feet, and it fits the G0862.

Figure 67. HEPA filter upgrades.

T27900—Collection Bag (G0860 & G0861)
T28454—Collection Bag (G0862)

Figure 68. Replacement collection bags.

order online at www.grizzly.com or call 1-800-523-4777
SECTION 7: MAINTENANCE

WARNING
To reduce risk of shock or accidental startup, always disconnect machine from power before adjustments, maintenance, or service.

Schedule

For optimum performance from this machine, this maintenance schedule must be strictly followed.

Ongoing
To maintain a low risk of injury and proper machine operation, if you ever observe any of the items below, shut down the machine immediately and fix the problem before continuing operations:

- Loose mounting bolts.
- Damaged filter canister, cleaning paddle components, or collection bags.
- Worn or damaged wires.
- Suction leaks.
- Any other unsafe condition.

Monthly Check
- Clean/vacuum dust buildup off machine body and motor.

Cleaning Canister Filter

This dust collector uses a handle and internal paddles to remove dust buildup and debris from the filter pleats. Move the handle back and forth through its range of motion to clean the canister filter and knock dust cake into the filter bag.

For a more thorough cleaning every few months under heavy use, wash the filter by hand (see Washing Canister Filter on Page 43).

Dispose of the filter bag when dust fills it about 1/2 full (see Removing/Replacing Filter Bag on Page 40).

IMPORTANT: To contain wood dust and minimize risk of exposure, firmly tie bag closed.

CAUTION
Dust exposure created while using machinery may cause cancer, birth defects, or long-term respiratory damage. Always wear goggles and a NIOSH-approved respirator when working with the dust collection bags or canisters.
Removing/Replacing Collection Drum Bag

Dispose of the collection drum bag when dust fills it ¾ full. Replace the bag if it develops a leak or becomes damaged.

**IMPORTANT:** To contain wood dust and minimize risk of exposure, tie bag closed before disposal.

**Items Needed**

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Drum Bag T27974 (Models G0860, G0861)</td>
</tr>
<tr>
<td>1</td>
<td>Drum Bag T28454 (Model G0862)</td>
</tr>
</tbody>
</table>

**To remove and replace collection drum bag:**

1. **DISCONNECT MACHINE FROM POWER!**

2. Lift drum lock handle to lower collection drum onto casters (see Figure 69).

3. Release both latches on sides of drum, then roll drum clear of drum lid (see Figure 69).

4. Lift bag out of drum, firmly tie closed, then dispose of contents.

5. Place new dust bag inside collection drum, and fold excess bag length over top of drum.

6. Move collection drum under lid and latch it closed.

7. Press drum lock handle down to lift collection drum off casters for operation.

---

Removing/Replacing Filter Bag

Remove and replace the filter bag when it is about ½ full.

**Items Needed**

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Filter Bag T27900</td>
</tr>
</tbody>
</table>

**To remove & replace filter bag or bags:**

1. **DISCONNECT MACHINE FROM POWER!**

2. Release clamp around bottom of canister filter, then remove filter bag (see Figure 70).

   **IMPORTANT:** To contain wood dust and minimize exposure risk, firmly tie bag closed.

3. Attach new filter bag around bottom of canister filter and secure with clamp.
Review the troubleshooting procedures in this section if a problem develops with your machine. If you need replacement parts or additional help with a procedure, call our Technical Support. **Note:** Please gather the serial number and manufacture date of your machine before calling.

## Troubleshooting

### Motor & Electrical

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Cause</th>
<th>Possible Solution</th>
</tr>
</thead>
</table>
| **Machine does not start or a breaker trips immediately after startup.** | 1. Dust collector not properly connected to ducting.  
2. E-Stop Button depressed/at fault.  
3. Incorrect power supply voltage or circuit size.  
4. Power supply circuit breaker tripped or fuse blown.  
5. Motor overheated.  
7. Remote control not working.  
8. Wiring open has high resistance.  
9. Centrifugal switch/contact points at fault.  
11. Start capacitor at fault.  
12. Remote receiver at fault.  
2. Rotate E-Stop Button to reset. Replace if at fault.  
3. Ensure correct power supply voltage and circuit size.  
4. Ensure circuit is sized correctly and free of shorts. Reset circuit breaker or replace fuse.  
5. Allow motor to cool, reset overload if necessary.  
6. Reset circuit breaker on switch.  
7. Replace battery; stay in signal range (**Page 4**).  
8. Check/fix broken, disconnected, or corroded wires.  
9. Adjust/replace centrifugal switch/contact points.  
10. Test/replace.  
11. Test/replace.  
12. Replace.  
| **Machine seems underpowered.** | 1. Motor overheated.  
2. Dust-collection ducting problem.  
3. Canister filter clogged/at fault.  
4. Dust collector too far from machine or undersized for dust-collection system.  
5. Run capacitor at fault.  
6. Centrifugal switch/contact points at fault.  
7. Motor bearings at fault. | 1. Allow motor to cool, reset overload if necessary.  
2. Clear blockages, seal leaks, use smooth-wall duct, eliminate bends, close other branches (**Page 25**).  
3. Clean canister filter (**Page 39**); replace canister filter (**Page 43**).  
4. Move closer to machine/redesign ducting layout/upgrade dust collector.  
5. Test/repair/replace.  
6. Adjust/replace centrifugal switch/contact points.  
7. Test by rotating shaft; rotational grinding/loose shaft requires bearing replacement. |
| **Machine has vibration or noisy operation.** | 1. Motor or component loose.  
2. Motor fan rubbing on fan cover.  
4. Centrifugal switch is at fault.  
5. Impeller damaged, unbalanced, or loose.  
7. Motor shaft bent. | 1. Inspect/replace damaged bolts/nuts, and retighten with thread-locking fluid.  
2. Fix/replace fan cover; replace loose/damaged fan.  
3. Tighten/replace.  
4. Adjust/replace centrifugal switch if available.  
5. Inspect/tighten/replace.  
6. Test by rotating shaft; rotational grinding/loose shaft requires bearing replacement.  
7. Test with dial indicator. Replace motor if damaged. |
## Machine Operation

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Cause</th>
<th>Possible Solution</th>
</tr>
</thead>
</table>
| Loud, repetitious noise, or excessive vibration coming from dust collector (non-motor related). | 1. Dust collector not on a flat surface and wobbles.  
2. Impeller damaged and unbalanced.  
3. Impeller loose on the motor shaft. | 1. Stabilize dust collector; lock casters.  
2. Inspect/replace.  
3. Secure impeller; replace motor and impeller as a set if motor shaft and impeller hub are damaged. |
| Dust collector does not adequately collect dust or chips; poor performance. | 1. Collection bag full.  
2. Canister filter clogged/at fault.  
3. Ducting blocked/restricted.  
4. Dust collector too far away from point of suction; duct clamps not properly secured; too many sharp bends in ducting.  
5. Lumber is wet and dust is not flowing smoothly through ducting.  
6. Ducting has one or more leaks, or too many open ports.  
7. Not enough open branch lines at one time, causing velocity drop in main line.  
8. Ducting and ports are incorrectly sized.  
9. The machine dust-collection design inadequate.  
2. Clean canister filter (Page 39); replace canister filter (Page 43).  
3. Remove ducting from dust collector inlet and unblock restriction. A plumbing snake may be necessary.  
4. Relocate dust collector closer to point of suction; re-secure ducts; remove sharp bends. Refer to Designing the System in manual.  
5. Only process lumber with less than 20% moisture content.  
6. Seal/eliminate all ducting leaks; close dust ports for lines not being used. Refer to Designing the System in manual.  
7. Open 1 or 2 more blast gates to different branch lines to increase main line velocity.  
8. Install correctly sized ducts and fittings (Page 25) Refer to Designing the System in manual.  
9. Use dust-collection hood on stand.  
10. Install larger dust collector. |
| Dust collector blows sawdust into the air. | 1. Duct clamps or filter bag(s) are not properly clamped and secured; ducting loose/damaged.  
2. Cylinder or funnel seals are loose or damaged. | 1. Re-secure ducts and filter bag, making sure duct and bag clamp are tight; tighten/replace ducting.  
2. Retighten all mounting and sealing points; replace damaged seals/gaskets. |
| Remote control does not operate dust collector. | 1. Emergency Stop button is pressed in.  
2. Machine is disconnected from power.  
3. Remote control battery is weak or dead.  
4. A wall or barrier disrupts the radio frequency, or controller is too far away.  
5. Remote control not paired with receiver. | 1. Rotate E-Stop button to reset.  
2. Verify machine is connected to power source.  
3. Replace battery.  
4. Move machine away from barrier; use remote within 75’ of machine.  
5. Program receiver to accept remote control (Page 35). |
Washing
Canister Filter

CAUTION
Dust exposure created while using machinery may cause cancer, birth defects, or long-term respiratory damage. Always wear goggles and a NIOSH-approved respirator when working with the dust collection bags or canisters.

For a more thorough cleaning every few months under heavy use, wash the filter by hand.

To wash canister filter by hand:

1. DISCONNECT MACHINE FROM POWER!

2. Release bag clamp, then remove filter bag (see Removing/Replacing Canister Filter on this page).

3. Rinse filter outside under warm water.

   IMPORTANT: DO NOT use a pressure washer to clean the filter, or compressed air to dry it. High pressure will damage filter fibers.

4. Allow filter to air dry only.

   Note: Do not leave filter in the sun to dry or apply heat to speed the process; heat exposure can damage your filter.

5. Re-install canister filter.

Removing/Replacing Canister Filter

If the canister filter is clogged or dirty and cleaning or washing it does not improve dust-collection performance, the canister filter must be replaced.

Items Needed

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>An Assistant</td>
</tr>
<tr>
<td>1</td>
<td>Wrench or Socket, 12mm</td>
</tr>
<tr>
<td>1</td>
<td>Wrench or Socket, 10mm</td>
</tr>
<tr>
<td>1</td>
<td>Hex Wrench, 5mm</td>
</tr>
<tr>
<td>1</td>
<td>Shop Vac</td>
</tr>
<tr>
<td>1</td>
<td>Canister Filter T30314 (Models G0860, G0861)</td>
</tr>
<tr>
<td>1</td>
<td>Canister Filter T30315 (Model G0862)</td>
</tr>
<tr>
<td>1</td>
<td>Filter Bag T27900</td>
</tr>
</tbody>
</table>

To remove and replace canister filter:

1. DISCONNECT MACHINE FROM POWER!

2. Release bag clamp, then remove filter bag (see Figure 71). Tie bag closed.

Figure 71. Filter bag components.
3. Loosen M6-1 x 16 hex bolt on filter cleaning handle, then remove handle (see Figure 72).

4. Remove (6) 5/16"-18 x 3/4" flange bolts securing filter paddle cover to impeller housing, then lift cover over spindle (see Figure 73).

5. Loosen (2) M6-1 x 16 cap screws on paddle handle spindle to remove (see Figure 74).

6. With assistant holding canister filter from below, loosen and remove (6) 5/16"-18 x 3/4" flange bolts securing canister filter assembly to impeller housing (see Figure 75).

7. Vacuum loose dust inside impeller housing and on machine.

8. Reverse Steps 2–6 to re-assemble.
SECTION 9: WIRING

These pages are current at the time of printing. However, in the spirit of improvement, we may make changes to the electrical systems of future machines. Compare the manufacture date of your machine to the one stated in this manual, and study this section carefully.

If there are differences between your machine and what is shown in this section, call Technical Support at (570) 546-9663 for assistance BEFORE making any changes to the wiring on your machine. An updated wiring diagram may be available. **Note:** Please gather the serial number and manufacture date of your machine before calling. This information can be found on the main machine label.

---

**WARNING**

Wiring Safety Instructions

**SHOCK HAZARD.** Working on wiring that is connected to a power source is extremely dangerous. Touching electrified parts will result in personal injury including but not limited to severe burns, electrocution, or death. Disconnect the power from the machine before servicing electrical components!

**MODIFICATIONS.** Modifying the wiring beyond what is shown in the diagram may lead to unpredictable results, including serious injury or fire. This includes the installation of unapproved aftermarket parts.

**WIRE CONNECTIONS.** All connections must be tight to prevent wires from loosening during machine operation. Double-check all wires disconnected or connected during any wiring task to ensure tight connections.

**CIRCUIT REQUIREMENTS.** You MUST follow the requirements at the beginning of this manual when connecting your machine to a power source.

**WIRE/COMPONENT DAMAGE.** Damaged wires or components increase the risk of serious personal injury, fire, or machine damage. If you notice that any wires or components are damaged while performing a wiring task, replace those wires or components.

**MOTOR WIRING.** The motor wiring shown in these diagrams is current at the time of printing but may not match your machine. If you find this to be the case, use the wiring diagram inside the motor junction box.

**CAPACITORS/INVERTERS.** Some capacitors and power inverters store an electrical charge for up to 10 minutes after being disconnected from the power source. To reduce the risk of being shocked, wait at least this long before working on capacitors.

**EXPERIENCING DIFFICULTIES.** If you are experiencing difficulties understanding the information included in this section, contact our Technical Support at (570) 546-9663.

---

**NOTICE**

The photos and diagrams included in this section are best viewed in color. You can view these pages in color at www.grizzly.com.

**COLOR KEY**

<table>
<thead>
<tr>
<th>BLACK</th>
<th>BLUE</th>
<th>GREEN</th>
<th>RED</th>
<th>WHITE</th>
<th>BROWN</th>
<th>GRAY</th>
<th>ORANGE</th>
<th>PINK</th>
<th>LIGHT BLUE</th>
<th>BLUE</th>
<th>WHITE</th>
<th>TURQUOISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bk</td>
<td>Bl</td>
<td>Gr</td>
<td>Rd</td>
<td>Wt</td>
<td>Br</td>
<td>Gy</td>
<td>Or</td>
<td>Pk</td>
<td>LtBl</td>
<td>Bw</td>
<td>Wt</td>
<td>Tu</td>
</tr>
</tbody>
</table>

Model G0860/G0861/G0862 (Mfd. Since 10/19)  -45-
Electrical Components

**Figure 76.** Junction box components (G0860 shown).

**Figure 77.** Circuit breaker.

**Figure 78.** Contactor and remote control receiver location (G0862 shown).

**Figure 79.** Magnetic switch.

**Figure 80.** Emergency-stop switch and contact block.

**Figure 81.** Remote control unit.
G0860 Wiring Diagram

WARNING!
SHOCK HAZARD!
Disconnect power before working on wiring.

MOTOR 1.5 HP 110V

- Run Capacitor
- Start Capacitor
- Circuit Breaker
- Zing Ear
- 5-15 Plug
- 110 VAC
- Neutral
- Hot
- Ground
- 5-15 Plug

MAGNETIC SWITCH
NHD MS1-12D 110V

MAGNETIC SWITCH COVER

CONTACTOR
NHD C-12D10 110V

REMOTE RECEIVER
(110V G0860)

EMERGENCY STOP SWITCH & CONTACT BLOCK

NHD NPB22-H

Start Capacitor
300MFD 125VAC

Circuit Breaker
Zing Ear
ZE700-25

Ground
Capacitor
50 uF-U 250VAC

Neutral
Hot
Ground

110 VAC

MOTOR 1.5 HP 110V

- Run Capacitor
- Start Capacitor
- Circuit Breaker
- Zing Ear
- 5-15 Plug
- 110 VAC
- Neutral
- Hot
- Ground
- 5-15 Plug

MAGNETIC SWITCH
NHD MS1-12D 110V

MAGNETIC SWITCH COVER

CONTACTOR
NHD C-12D10 110V

REMOTE RECEIVER
(110V G0860)

EMERGENCY STOP SWITCH & CONTACT BLOCK

NHD NPB22-H

Start Capacitor
300MFD 125VAC

Circuit Breaker
Zing Ear
ZE700-25

Ground
Capacitor
50 uF-U 250VAC

Neutral
Hot
Ground

110 VAC

MOTOR 1.5 HP 110V

- Run Capacitor
- Start Capacitor
- Circuit Breaker
- Zing Ear
- 5-15 Plug
- 110 VAC
- Neutral
- Hot
- Ground
- 5-15 Plug

MAGNETIC SWITCH
NHD MS1-12D 110V

MAGNETIC SWITCH COVER

CONTACTOR
NHD C-12D10 110V

REMOTE RECEIVER
(110V G0860)

EMERGENCY STOP SWITCH & CONTACT BLOCK

NHD NPB22-H

Start Capacitor
300MFD 125VAC

Circuit Breaker
Zing Ear
ZE700-25

Ground
Capacitor
50 uF-U 250VAC

Neutral
Hot
Ground

110 VAC

MOTOR 1.5 HP 110V

- Run Capacitor
- Start Capacitor
- Circuit Breaker
- Zing Ear
- 5-15 Plug
- 110 VAC
- Neutral
- Hot
- Ground
- 5-15 Plug

MAGNETIC SWITCH
NHD MS1-12D 110V

MAGNETIC SWITCH COVER

CONTACTOR
NHD C-12D10 110V

REMOTE RECEIVER
(110V G0860)

EMERGENCY STOP SWITCH & CONTACT BLOCK

NHD NPB22-H

Start Capacitor
300MFD 125VAC

Circuit Breaker
Zing Ear
ZE700-25

Ground
Capacitor
50 uF-U 250VAC

Neutral
Hot
Ground

110 VAC

MOTOR 1.5 HP 110V

- Run Capacitor
- Start Capacitor
- Circuit Breaker
- Zing Ear
- 5-15 Plug
- 110 VAC
- Neutral
- Hot
- Ground
- 5-15 Plug

MAGNETIC SWITCH
NHD MS1-12D 110V

MAGNETIC SWITCH COVER

CONTACTOR
NHD C-12D10 110V

REMOTE RECEIVER
(110V G0860)

EMERGENCY STOP SWITCH & CONTACT BLOCK

NHD NPB22-H

Start Capacitor
300MFD 125VAC

Circuit Breaker
Zing Ear
ZE700-25

Ground
Capacitor
50 uF-U 250VAC

Neutral
Hot
Ground

110 VAC

MOTOR 1.5 HP 110V

- Run Capacitor
- Start Capacitor
- Circuit Breaker
- Zing Ear
- 5-15 Plug
- 110 VAC
- Neutral
- Hot
- Ground
- 5-15 Plug

MAGNETIC SWITC
G0862 Wiring Diagram

MOTOR 3 HP 220V

Run Capacitor 45 uF 250VAC
Start Capacitor 200MFD 250VAC

WARNING!
SHOCK HAZARD!
Disconnect power before working on wiring.

REMINDER: READ ELECTRICAL SAFETY ON PAGE 45!
SECTION 10: PARTS

G0860/G0861/G0862 Parts

BUY PARTS ONLINE AT GRIZZLY.COM!
Scan QR code to visit our Parts Store.
<table>
<thead>
<tr>
<th>REF</th>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P0860001</td>
<td>BASE</td>
</tr>
<tr>
<td>2</td>
<td>P0860002</td>
<td>SUPPORT LEG</td>
</tr>
<tr>
<td>3</td>
<td>P0860003</td>
<td>IMPPELLER HOUSING</td>
</tr>
<tr>
<td>4</td>
<td>P0860004</td>
<td>COLLECTION DRUM, 20 GALLON</td>
</tr>
<tr>
<td>5</td>
<td>P0860005</td>
<td>INTAKE BARREL</td>
</tr>
<tr>
<td>6</td>
<td>P0860006</td>
<td>CYCLONE FUNNEL</td>
</tr>
<tr>
<td>7</td>
<td>P0860007</td>
<td>FILTER COVER PLATE</td>
</tr>
<tr>
<td>8</td>
<td>P0860008</td>
<td>CANISTER FILTER ASSY 14-1/2&quot; X 24&quot;</td>
</tr>
<tr>
<td>9</td>
<td>P0860009</td>
<td>COLLECTION DRUM LID</td>
</tr>
<tr>
<td>10</td>
<td>P0860010</td>
<td>CASTER 2&quot;, SWIVEL</td>
</tr>
<tr>
<td>11</td>
<td>P0860011</td>
<td>HEX NUT 5/16-18</td>
</tr>
<tr>
<td>12</td>
<td>P0860012</td>
<td>CASTER 2-1/2&quot;, LOCKING SWIVEL</td>
</tr>
<tr>
<td>13</td>
<td>P0860013</td>
<td>INLET ADAPTER 6&quot; X 4&quot; X 2</td>
</tr>
<tr>
<td>14</td>
<td>P0860014</td>
<td>LOCK HANDLE GUIDE</td>
</tr>
<tr>
<td>15</td>
<td>P0860015</td>
<td>MOUNTING PLATE</td>
</tr>
<tr>
<td>16</td>
<td>P0860016</td>
<td>SPRING BRACKET</td>
</tr>
<tr>
<td>17</td>
<td>P0860017</td>
<td>COPPER PLATE</td>
</tr>
<tr>
<td>19</td>
<td>P0860019</td>
<td>HEX BOLT 5/16-18 X 1</td>
</tr>
<tr>
<td>20</td>
<td>P0860020</td>
<td>LOCK NUT 5/16-18</td>
</tr>
<tr>
<td>21</td>
<td>P0860021</td>
<td>COMPRESSION SPRING 3 X 33 X 70</td>
</tr>
<tr>
<td>22</td>
<td>P0860022</td>
<td>SPRING RETAINER</td>
</tr>
<tr>
<td>23</td>
<td>P0860023</td>
<td>DRUM LOCK HANDLE</td>
</tr>
<tr>
<td>24</td>
<td>P0860024</td>
<td>LOCK HANDLE LINK</td>
</tr>
<tr>
<td>25</td>
<td>P0860025</td>
<td>FLAT WASHER 3/8 PLASTIC</td>
</tr>
<tr>
<td>26</td>
<td>P0860026</td>
<td>BUTTON HD CAP SCR 5/16-18 X 3/4</td>
</tr>
<tr>
<td>27</td>
<td>P0860027</td>
<td>FLAT WASHER 5/16</td>
</tr>
<tr>
<td>28</td>
<td>P0860028</td>
<td>HEX BOLT 5/16-18 X 1-3/4</td>
</tr>
<tr>
<td>29</td>
<td>P0860029</td>
<td>MOTOR 1.5HP 110V X 1-PH</td>
</tr>
<tr>
<td>29-1</td>
<td>P0860029-1</td>
<td>MOTOR FAN COVER</td>
</tr>
<tr>
<td>29-2</td>
<td>P0860029-2</td>
<td>MOTOR FAN</td>
</tr>
<tr>
<td>29-3</td>
<td>P0860029-3</td>
<td>MOTOR JUNCTION BOX</td>
</tr>
<tr>
<td>29-4</td>
<td>P0860029-4</td>
<td>R CAPACITOR 50M 250V 1-1/2 X 2-3/8</td>
</tr>
<tr>
<td>29-5</td>
<td>P0860029-5</td>
<td>S CAPACITOR 300M 125V 1-3/8 X 2-5/8</td>
</tr>
<tr>
<td>29-6</td>
<td>P0860029-6</td>
<td>CIRCUIT BREAKER 2ZING EAR 2E700 25A</td>
</tr>
<tr>
<td>29-7</td>
<td>P0860029-7</td>
<td>STRAIN RELIEF TYPE-2 155M</td>
</tr>
<tr>
<td>29-8</td>
<td>P0860029-8</td>
<td>CENTRIFUGAL SWITCH</td>
</tr>
<tr>
<td>29-9</td>
<td>P0860029-9</td>
<td>CONTACT PLATE</td>
</tr>
<tr>
<td>29-10</td>
<td>P0860029-10</td>
<td>MOTOR CORD W/PLUG 14G 3W 30&quot;</td>
</tr>
<tr>
<td>29-11</td>
<td>P0860029-11</td>
<td>BALL BEARING 6203-2RS</td>
</tr>
<tr>
<td>29-12</td>
<td>P0860029-12</td>
<td>BALL BEARING 6205-2RS</td>
</tr>
<tr>
<td>31</td>
<td>P0860031</td>
<td>FENDER WASHER 5/16</td>
</tr>
<tr>
<td>32</td>
<td>P0860032</td>
<td>RUBBER GASKET 43MM</td>
</tr>
<tr>
<td>33</td>
<td>P0860033</td>
<td>BEARING RETAINER, UPPER</td>
</tr>
<tr>
<td>34</td>
<td>P0860034</td>
<td>PHLP HD SCR M5-.8 X 8</td>
</tr>
<tr>
<td>35</td>
<td>P0860035</td>
<td>SLEEVE BEARING 12 X 14 X 6MM</td>
</tr>
<tr>
<td>36</td>
<td>P0860036</td>
<td>FILTER PADDLE HANDLE</td>
</tr>
<tr>
<td>37</td>
<td>P0860037</td>
<td>FLANGE BOLT 5/16-18 X 1/2</td>
</tr>
<tr>
<td>38</td>
<td>P0860038</td>
<td>BEARING RETAINER, LOWER</td>
</tr>
<tr>
<td>39</td>
<td>P0860039</td>
<td>PADDLE HANDLE SPINDLE</td>
</tr>
<tr>
<td>40</td>
<td>P0860040</td>
<td>HEX BOLT M6-1 X 16</td>
</tr>
<tr>
<td>41</td>
<td>P0860041</td>
<td>FILTER PADDLE SPINDLE</td>
</tr>
<tr>
<td>42</td>
<td>P0860042</td>
<td>PADDLE SPINDLE BRACKET</td>
</tr>
<tr>
<td>43</td>
<td>P0860043</td>
<td>FLAT WASHER 1/4</td>
</tr>
<tr>
<td>44</td>
<td>P0860044</td>
<td>PHLP HD SCR M6-1 X 10</td>
</tr>
</tbody>
</table>
## G0861 Parts List

<table>
<thead>
<tr>
<th>REF</th>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P0861001</td>
<td>BASE</td>
</tr>
<tr>
<td>2</td>
<td>P0861002</td>
<td>SUPPORT LEG</td>
</tr>
<tr>
<td>3</td>
<td>P0861003</td>
<td>IMPPELLER HOUSING</td>
</tr>
<tr>
<td>4</td>
<td>P0861004</td>
<td>COLLECTION DRUM, 20 GALLON</td>
</tr>
<tr>
<td>5</td>
<td>P0861005</td>
<td>INTAKE BARREL</td>
</tr>
<tr>
<td>6</td>
<td>P0861006</td>
<td>CYCLONE FUNNEL</td>
</tr>
<tr>
<td>7</td>
<td>P0861007</td>
<td>FILTER COVER PLATE</td>
</tr>
<tr>
<td>8</td>
<td>P0861008</td>
<td>CANISTER FILTER ASSY 14-1/2&quot; X 24&quot;</td>
</tr>
<tr>
<td>9</td>
<td>P0861009</td>
<td>COLLECTION DRUM LID</td>
</tr>
<tr>
<td>10</td>
<td>P0861010</td>
<td>CASTER 2&quot;, SWIVEL</td>
</tr>
<tr>
<td>11</td>
<td>P0861011</td>
<td>HEX NUT 5/16-18</td>
</tr>
<tr>
<td>12</td>
<td>P0861012</td>
<td>CASTER 2-1/2&quot;, LOCKING SWIVEL</td>
</tr>
<tr>
<td>13</td>
<td>P0861013</td>
<td>MOUNTING PLATE</td>
</tr>
<tr>
<td>14</td>
<td>P0861014</td>
<td>INLET ADAPTER 7&quot; X 4&quot; X 3</td>
</tr>
<tr>
<td>15</td>
<td>P0861015</td>
<td>SPRING BRACKET</td>
</tr>
<tr>
<td>16</td>
<td>P0861016</td>
<td>COPPER PLATE</td>
</tr>
<tr>
<td>19</td>
<td>P0861019</td>
<td>HEX BOLT 5/16-18 X 1</td>
</tr>
<tr>
<td>20</td>
<td>P0861020</td>
<td>LOCK NUT 5/16-18</td>
</tr>
<tr>
<td>21</td>
<td>P0861021</td>
<td>COMPRESSION SPRING 3 X 33 X 70</td>
</tr>
<tr>
<td>22</td>
<td>P0861022</td>
<td>SPRING RETAINER</td>
</tr>
<tr>
<td>23</td>
<td>P0861023</td>
<td>DRUM LOCK HANDLE</td>
</tr>
<tr>
<td>24</td>
<td>P0861024</td>
<td>LOCK HANDLE GUIDE</td>
</tr>
<tr>
<td>25</td>
<td>P0861025</td>
<td>FLAT WASHER 3/8 PLASTIC</td>
</tr>
<tr>
<td>26</td>
<td>P0861026</td>
<td>BUTTON HD CAP SCR 5/16-18 X 3/4</td>
</tr>
<tr>
<td>27</td>
<td>P0861027</td>
<td>FLAT WASHER 5/16</td>
</tr>
<tr>
<td>28</td>
<td>P0861028</td>
<td>HEX BOLT 5/16-18 X 1-3/4</td>
</tr>
<tr>
<td>29</td>
<td>P0861029</td>
<td>MOTOR 2HP 220V 1-PH</td>
</tr>
<tr>
<td>29-1</td>
<td>P0861029-1</td>
<td>MOTOR FAN COVER</td>
</tr>
<tr>
<td>29-2</td>
<td>P0861029-2</td>
<td>MOTOR FAN</td>
</tr>
<tr>
<td>29-3</td>
<td>P0861029-3</td>
<td>MOTOR JUNCTION BOX</td>
</tr>
<tr>
<td>29-4</td>
<td>P0861029-4</td>
<td>R CAPACITOR 30M 250V 1-1/2 X 2-3/8</td>
</tr>
<tr>
<td>29-5</td>
<td>P0861029-5</td>
<td>S CAPACITOR 300M 125V 3-3/8 X 2-5/8</td>
</tr>
<tr>
<td>29-6</td>
<td>P0861029-6</td>
<td>CIRCUIT BREAKER 25G EAR ZE-700 15A</td>
</tr>
<tr>
<td>29-7</td>
<td>P0861029-7</td>
<td>STRAIN RELIEF TYPE-2 15MM</td>
</tr>
<tr>
<td>29-8</td>
<td>P0861029-8</td>
<td>CENTRIFUGAL SWITCH</td>
</tr>
<tr>
<td>29-9</td>
<td>P0861029-9</td>
<td>CONTACT PLATE</td>
</tr>
<tr>
<td>29-10</td>
<td>P0861029-10</td>
<td>MOTOR CORD W/PLUG 14G 3W 30&quot;</td>
</tr>
<tr>
<td>29-11</td>
<td>P0861029-11</td>
<td>BALL BEARING 6203-2RS</td>
</tr>
<tr>
<td>29-12</td>
<td>P0861029-12</td>
<td>BALL BEARING 6205-2RS</td>
</tr>
<tr>
<td>31</td>
<td>P0861031</td>
<td>FENDER WASHER 5/16</td>
</tr>
<tr>
<td>32</td>
<td>P0861032</td>
<td>RUBBER GASKET 43MM</td>
</tr>
<tr>
<td>33</td>
<td>P0861033</td>
<td>BEARING RETAINER, UPPER</td>
</tr>
<tr>
<td>34</td>
<td>P0861034</td>
<td>PHLP HD SCR M5-.8 X 8</td>
</tr>
<tr>
<td>35</td>
<td>P0861035</td>
<td>SLEEVE BEARING 12 X 14 X 6MM</td>
</tr>
<tr>
<td>36</td>
<td>P0861036</td>
<td>FILTER PADDLE HANDLE</td>
</tr>
<tr>
<td>37</td>
<td>P0861037</td>
<td>FLANGE BOLT 5/16-18 X 1/2</td>
</tr>
<tr>
<td>38</td>
<td>P0861038</td>
<td>BEARING RETAINER, LOWER</td>
</tr>
<tr>
<td>39</td>
<td>P0861039</td>
<td>PADDLE HANDLE SPINDLE</td>
</tr>
<tr>
<td>40</td>
<td>P0861040</td>
<td>HEX BOLT M6-1 X 16</td>
</tr>
<tr>
<td>41</td>
<td>P0861041</td>
<td>FILTER PADDLE SPINDLE</td>
</tr>
<tr>
<td>42</td>
<td>P0861042</td>
<td>PADDLE SPINDLE BRACKET</td>
</tr>
<tr>
<td>43</td>
<td>P0861043</td>
<td>FLAT WASHER 1/4</td>
</tr>
<tr>
<td>44</td>
<td>P0861044</td>
<td>PHLP HD SCR M6-1 X 10</td>
</tr>
</tbody>
</table>
## G0862 Parts List

<table>
<thead>
<tr>
<th>REF</th>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P0862001</td>
<td>BASE</td>
</tr>
<tr>
<td>2</td>
<td>P0862002</td>
<td>SUPPORT LEG</td>
</tr>
<tr>
<td>3</td>
<td>P0862003</td>
<td>IMPELLER HOUSING</td>
</tr>
<tr>
<td>4</td>
<td>P0862004</td>
<td>COLLECTION DRUM, 38 GALLON</td>
</tr>
<tr>
<td>5</td>
<td>P0862005</td>
<td>INTAKE BARREL</td>
</tr>
<tr>
<td>6</td>
<td>P0862006</td>
<td>CYCLONE FUNNEL</td>
</tr>
<tr>
<td>7</td>
<td>P0862007</td>
<td>FILTER COVER PLATE</td>
</tr>
<tr>
<td>8</td>
<td>P0862008</td>
<td>CANISTER FILTER ASSY 14-1/2&quot; X 39-3/8&quot;</td>
</tr>
<tr>
<td>9</td>
<td>P0862009</td>
<td>COLLECTION DRUM LID</td>
</tr>
<tr>
<td>10</td>
<td>P0862010</td>
<td>CASTER 2&quot;, SWIVEL</td>
</tr>
<tr>
<td>11</td>
<td>P0862011</td>
<td>HEX NUT 5/16-18</td>
</tr>
<tr>
<td>12</td>
<td>P0862012</td>
<td>CASTER 2-1/2&quot;, LOCKING SWIVEL</td>
</tr>
<tr>
<td>13</td>
<td>P0862013</td>
<td>INLET ADAPTER 8&quot; X 4&quot; X 2</td>
</tr>
<tr>
<td>14</td>
<td>P0862014</td>
<td>LOCK HANDLE GUIDE</td>
</tr>
<tr>
<td>15</td>
<td>P0862015</td>
<td>MOUNTING PLATE</td>
</tr>
<tr>
<td>16</td>
<td>P0862016</td>
<td>SPRING BRACKET</td>
</tr>
<tr>
<td>17</td>
<td>P0862017</td>
<td>COPPER PLATE</td>
</tr>
<tr>
<td>19</td>
<td>P0862019</td>
<td>HEX BOLT 5/16-18 X 1</td>
</tr>
<tr>
<td>20</td>
<td>P0862020</td>
<td>LOCK NUT 5/16-18</td>
</tr>
<tr>
<td>21</td>
<td>P0862021</td>
<td>COMPRESSION SPRING 3 X 33 X 70</td>
</tr>
<tr>
<td>22</td>
<td>P0862022</td>
<td>SPRING RETAINER</td>
</tr>
<tr>
<td>23</td>
<td>P0862023</td>
<td>DRUM LOCK HANDLE</td>
</tr>
<tr>
<td>24</td>
<td>P0862024</td>
<td>LOCK HANDLE LINK</td>
</tr>
<tr>
<td>25</td>
<td>P0862025</td>
<td>FLAT WASHER 3/8 PLASTIC</td>
</tr>
<tr>
<td>26</td>
<td>P0862026</td>
<td>BUTTON HD CAP SCR 5/16-18 X 3/4</td>
</tr>
<tr>
<td>27</td>
<td>P0862027</td>
<td>FLAT WASHER 5/16</td>
</tr>
<tr>
<td>28</td>
<td>P0862028</td>
<td>HEX BOLT 5/16-18 X 1-3/4</td>
</tr>
<tr>
<td>29V2</td>
<td>P0862029V2</td>
<td>MOTOR 3HP 220V V1-PH V2.10.19</td>
</tr>
<tr>
<td>29V2-1</td>
<td>P0862029V2-1</td>
<td>MOTOR FAN COVER</td>
</tr>
<tr>
<td>29V2-2</td>
<td>P0862029V2-2</td>
<td>MOTOR FAN</td>
</tr>
<tr>
<td>29V2-3</td>
<td>P0862029V2-3</td>
<td>MOTOR JUNCTION BOX</td>
</tr>
<tr>
<td>29V2-4</td>
<td>P0862029V2-4</td>
<td>R CAPACITOR 45M 250V 1-1/2 X 2-3/8</td>
</tr>
<tr>
<td>29V2-5</td>
<td>P0862029V2-5</td>
<td>S CAPACITOR 200M 250V 1-3/8 X 2-3/4</td>
</tr>
<tr>
<td>29V2-6</td>
<td>P0862029V2-6</td>
<td>CIRCUIT BREAKER ZING EAR ZE-700 500A</td>
</tr>
<tr>
<td>29V2-7</td>
<td>P0862029V2-7</td>
<td>STRAIN RELIEF TYPE-2 15MM</td>
</tr>
<tr>
<td>29V2-8</td>
<td>P0862029V2-8</td>
<td>CENTRIFUGAL SWITCH</td>
</tr>
<tr>
<td>29V2-9</td>
<td>P0862029V2-9</td>
<td>CONTACT PLATE</td>
</tr>
<tr>
<td>29V2-10</td>
<td>P0862029V2-10</td>
<td>MOTOR CORD 12G 3W 60&quot;</td>
</tr>
<tr>
<td>29V2-11</td>
<td>P0862029V2-11</td>
<td>BALL BEARING 6205-2RS</td>
</tr>
<tr>
<td>29V2-12</td>
<td>P0862029V2-12</td>
<td>BALL BEARING 6206-2RS</td>
</tr>
<tr>
<td>31</td>
<td>P0862031</td>
<td>FENDER WASHER 5/16</td>
</tr>
<tr>
<td>32</td>
<td>P0862032</td>
<td>RUBBER GASKET 43MM</td>
</tr>
<tr>
<td>33</td>
<td>P0862033</td>
<td>BEARING RETAINER, UPPER</td>
</tr>
<tr>
<td>34</td>
<td>P0862034</td>
<td>PHLP HD SCR M5-.8 X 8</td>
</tr>
<tr>
<td>35</td>
<td>P0862035</td>
<td>SLEEVE BEARING 12 X 14 X 6MM</td>
</tr>
<tr>
<td>36</td>
<td>P0862036</td>
<td>FILTER PADDLE HANDLE</td>
</tr>
<tr>
<td>37</td>
<td>P0862037</td>
<td>FLANGE BOLT 5/16-18 X 1/2</td>
</tr>
<tr>
<td>38</td>
<td>P0862038</td>
<td>BEARING RETAINER, LOWER</td>
</tr>
<tr>
<td>39</td>
<td>P0862039</td>
<td>PADDLE HANDLE SPINDLE</td>
</tr>
<tr>
<td>40</td>
<td>P0862040</td>
<td>HEX BOLT M6-1 X 16</td>
</tr>
<tr>
<td>41</td>
<td>P0862041</td>
<td>FILTER PADDLE SPINDLE</td>
</tr>
<tr>
<td>42</td>
<td>P0862042</td>
<td>PADDLE SPINDLE BRACKET</td>
</tr>
<tr>
<td>43</td>
<td>P0862043</td>
<td>FLAT WASHER 1/4</td>
</tr>
<tr>
<td>44</td>
<td>P0862044</td>
<td>PHLP HD SCR M6-1 X 10</td>
</tr>
</tbody>
</table>
**WARNING**

Safety labels help reduce the risk of serious injury caused by machine hazards. If any label comes off or becomes unreadable, the owner of this machine **MUST** replace it in the original location before resuming operations. For replacements, contact (800) 523-4777 or www.grizzly.com.

---

**Specifications**

- **Motor:** 1.5 HP, 110V, Single-Phase, 60 Hz
- **Full-Load Current Rating:** 15A
- **Suction Capacity:** 868 CFM @ 1.8” SP
- **Max. Static Pressure:** 9.7”
- **Inlet Size:** 6”
- **Collection Drum Size:** 20 Gallons
- **Filter Performance:** 99.9% at 0.2 – 1 Micron
- **Cartridge Filter:** 14-1/2” x 24”
- **Replacement Filter:** T30314
- **Replacement Filter Bag:** T27900
- **Replacement Drum Bag:** T27974
- **Weight:** 265 lbs.

---

**REF PART # DESCRIPTION**

<table>
<thead>
<tr>
<th>REF</th>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>P0860101</td>
<td>MACHINE ID LABEL (G0860)</td>
</tr>
<tr>
<td>101</td>
<td>P0861101</td>
<td>MACHINE ID LABEL (G0861)</td>
</tr>
<tr>
<td>102</td>
<td>P0860102</td>
<td>ELECTRICITY WARNING LABEL</td>
</tr>
<tr>
<td>103</td>
<td>P0860103</td>
<td>MODEL NO. LABEL (G0860)</td>
</tr>
<tr>
<td>103</td>
<td>P0861103</td>
<td>MODEL NO. LABEL (G0861)</td>
</tr>
<tr>
<td>104</td>
<td>P0860104</td>
<td>READ MANUAL LABEL</td>
</tr>
<tr>
<td>105</td>
<td>P0860105</td>
<td>EYE/EAR/LUNG WARNING LABEL</td>
</tr>
<tr>
<td>106</td>
<td>P0860106</td>
<td>GRIZZLY.COM LABEL</td>
</tr>
<tr>
<td>107</td>
<td>P0860107</td>
<td>TOUCH-UP PAINT, GRIZZLY BEIGE</td>
</tr>
<tr>
<td>108</td>
<td>P0860108</td>
<td>TOUCH-UP PAINT, GRIZZLY GREEN</td>
</tr>
<tr>
<td>109</td>
<td>P0860109</td>
<td>GRIZZLY NAMEPLATE-SMALL</td>
</tr>
</tbody>
</table>

---

**Please Note:** We do our best to stock replacement parts whenever possible, but we cannot guarantee that all parts shown here are available for purchase. Call (800) 523-4777 or visit our online parts store at [www.grizzly.com](http://www.grizzly.com) to check for availability.
To reduce risk of death or serious injury, read manual BEFORE using machine.

To get a new manual, call (800) 523-4777 or go to www.grizzly.com.

**WARNING!**

INJURY HAZARD!

To reduce risk of short and long-term injury, wear safety glasses, hearing protection, and a respirator when using this machine.

**WARNING!**

In the event of a fire in the machine or around the machine, use a dry chemical powder-type extinguisher.

**WARNING!**

To reduce the risk of serious injury when using this machine:

1. Read and understand owner's manual before operating.
2. Always wear approved eye protection and respirator.
3. Only plug power cord into a grounded outlet.
4. Only use this machine to collect wood dust/chips; never use to collect glass, metal, liquids, asbestos, silica, animal parts, biohazards, burning material/ashes, etc.
5. Always disconnect power before servicing or cleaning.
6. Do not expose to rain or wet areas.
7. Keep hands, long hair, and loose clothing away from inlet.
8. Never leave machine unattended during operation.
9. Do not use if cord, plug, or any other electrical equipment becomes damaged—promptly repair!
10. Do not use without dust bag or filters in place.
11. Do not connect cord to power supply with wet hands.
12. Grasp and pull the plug, not the cord, when unplugging.
13. Always wear a respirator when emptying bags.
14. Do not modify machine in any way.
15. Prevent unauthorized use by children or untrained users; restrict access or disable machine when unattended.

**Specifications**

- **Motor:** 3 HP, 220V, Single-Phase, 60 Hz
- **Full-Load Current Rating:** 15.9A
- **Airflow Performance:** 1941 CFM @ 2.9" SP
- **Max. Static Pressure:** 11.0"
- **Inlet Size:** 8"
- **Max. Collection Capacity:** 35 Gallons
- **Filter Rating:** 99.9% at 0.2 – 1 Micron
- **Cartridge Filter:** 14-1/2" x 39-3/8"
- **Replacement Filter:** T30315
- **Replacement Filter Bag:** T27900
- **Replacement Drum Bag:** T28454
- **Weight:** 348 lbs.

**REF PART # DESCRIPTION**

<table>
<thead>
<tr>
<th>REF</th>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>101V2</td>
<td>P0862101V2</td>
<td>MACHINE ID LABEL V2.10.19</td>
</tr>
<tr>
<td>102</td>
<td>P0862102</td>
<td>ELECTRICITY WARNING LABEL</td>
</tr>
<tr>
<td>103</td>
<td>P0862103</td>
<td>MODEL NO. LABEL</td>
</tr>
<tr>
<td>104</td>
<td>P0862104</td>
<td>READ MANUAL LABEL</td>
</tr>
<tr>
<td>105</td>
<td>P0862105</td>
<td>EYES/EARS/LUNGS WARNING LABEL</td>
</tr>
<tr>
<td>106</td>
<td>P0862106</td>
<td>GRIZZLY.COM LABEL</td>
</tr>
<tr>
<td>107</td>
<td>P0862107</td>
<td>TOUCH-UP PAINT, GRIZZLY BEIGE</td>
</tr>
<tr>
<td>108</td>
<td>P0862108</td>
<td>TOUCH-UP PAINT, GRIZZLY GREEN</td>
</tr>
<tr>
<td>109</td>
<td>P0862109</td>
<td>GRIZZLY NAMEPLATE-SMALL</td>
</tr>
</tbody>
</table>

**WARNING**

Safety labels help reduce the risk of serious injury caused by machine hazards. If any label comes off or becomes unreadable, the owner of this machine MUST replace it in the original location before resuming operations. For replacements, contact (800) 523-4777 or www.grizzly.com.
Grizzly Industrial, Inc. warrants every product it sells for a period of 1 year to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly’s sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly’s liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

In the event you need to use this warranty, contact us by mail or phone and give us all the details. We will then issue you a “Return Number,” which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

Please feel free to write or call us if you have any questions about the machine or the manual.

Thank you again for your business and continued support. We hope to serve you again soon.

To take advantage of this warranty, you must register it at https://www.grizzly.com/secureforms/warranty-card, or you can scan the QR code below to be automatically directed to our warranty registration page. Enter all applicable information for the product.
Visit Our Website Today For Current Specials!