

MODEL G0572 HANGING AIR FILTER WITH REMOTE OWNER'S MANUAL

(For models manufactured since 01/21)





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.



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.

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INTRODUCTION

Contact Info

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

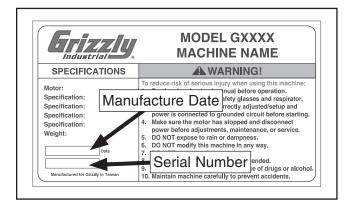
Manual Accuracy

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.

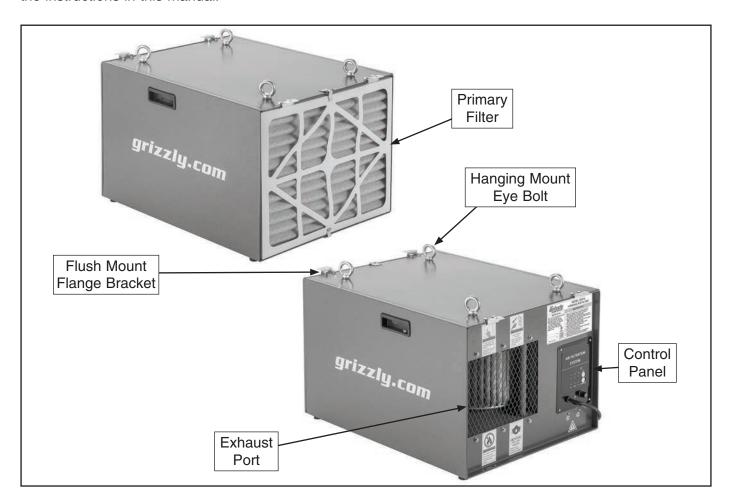
Alternatively, you can call our Technical Support for help. Before calling, make sure you write down the **Manufacture Date** and **Serial Number** from the machine ID label (see below). This information is required for us to provide proper tech support, and it helps us determine if updated documentation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





Identification

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



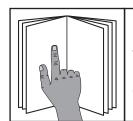
AWARNING

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.

ACAUTION

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.

Controls & Components



AWARNING

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.

Control Panel

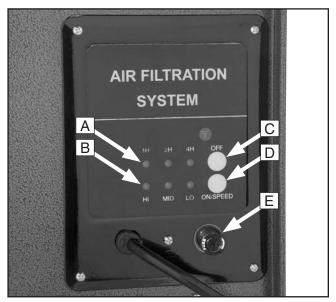


Figure 1. Control panel components.

- A. Auto Shut-Off Indicator: Indicates if auto shut-off is enabled and how long timer is set.
- **B.** Fan Speed Indicator: Indicates if fan is operating at LO, MID, or HI speed.
- C. OFF Button: Turns machine OFF.
- **D. ON/SPEED Button:** Turns machine **ON.** If machine is **ON**, cycles between fan speeds.
- **E.** Fuse Holder: Unscrews for quick removal and replacement of fuse.

Remote Control

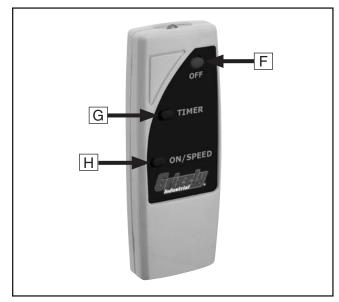


Figure 2. Remote control components.

- F. OFF Button: Turns machine OFF.
- **G. TIMER Button:** Toggles auto shut-off between one hour (1H), two hours (2H), four hours (4H), and indefinite operation (no indicator).
- H. ON/SPEED Button: Turns machine ON. If machine is ON, cycles between fan speeds.





MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL G0572 HANGING AIR FILTER W/ REMOTE

Product Dimensions:	
Weight	55 lbs.
Width (side-to-side) x Depth (front-to-back) x Height	
Footprint (Length x Width)	
Shipping Dimensions:	
Type	Cardboard Box
Content	Machine
Weight	
Length x Width x Height	
Electrical:	
Power Requirement	120V, Single-Phase, 60Hz
Full-Load Current Rating	4.2A
Minimum Circuit Size	
Connection Type	
Power Cord Included	
Power Cord Length	
Power Cord Gauge	
Plug Included	
Included Plug Type	
Switch Type	
•	
Motors:	
Main	
Horsepower	
Phase	
Amps	· · · · · · · · · · · · · · · · · · ·
Speed	
Type	• • •
Bearings	·
	,
Main Specifications:	
Operation	
Dust Collector Type	Air Filter
Approved Dust Types	Particulate
Filter Type	
Airflow Performance	· · · · · · · · · · · · · · · · · · ·
Filtration Rating	• •
Impeller Information	
•	0
Impeller Type	
Impeller Size	11 x 6 in.
Construction	
Frame	Steel Sheet Metal
Impeller	Steel
Paint Type/Finish	Powder Coated
Blower Housing	Steel



Other Specifications:

China
1 Year
1 Hour
ID Label
62 - 69 dB
Yes
Yes



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.

ADANGER

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.

ACAUTION

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

AWARNING

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.



AWARNING

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!

AWKWARD 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 Air Filters

AWARNING

Long-term respiratory damage can occur from using this filter to capture hazardous dust without proper use of a respirator. Collecting flammable or combustible liquids, vapors, or explosive dusts can cause fire or explosions, resulting in smoke inhalation, serious burns, or death. An improperly secured air filter can fall, causing head injuries. To reduce the risk of these hazards, operator and bystanders MUST completely heed hazards and warnings below.

LUNG PROTECTION. Fine dust that is too small to be caught in filter will be blown into ambient air during operation. Always wear a NIOSH-approved respirator during operation and for a short time after to reduce your risk of permanent respiratory damage.

INTENDED USE. Using this filter regularly to collect prohibited materials can result in serious health problems. It is only designed to capture dust from ambient air in a woodworking shop for a short time after cutting or sanding operations. DO NOT use to collect particles of silica, polyure-thane, metal, lead paint, asbestos, or hazardous bacterium. DO NOT allow filter to collect explosive dusts, flammable, or combustible liquids or fumes, burning or smoking material, or toxic fumes. DO NOT connect directly to air filtration system. Only operate with filters installed.

HAZARDOUS DUST. Dust exposure 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 to reduce your risk.

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

POWER DISCONNECT. Turn switch *OFF*, disconnect air filter from power supply, and allow impeller to come to a complete stop before doing any cleaning, maintenance, or service.

OPERATING LOCATION. DO NOT operate the air filter in rainy or wet locations—exposure to water may create a shock hazard or decrease the life of the machine.

REGULAR CLEANING. To reduce risk of starting fire, regularly clean surrounding area where machine is operated. Excessive fine dust buildup on overhead lights, heaters, electrical panels, or other heat sources can increase risk of fire. Regularly check/clean/change filters to avoid fine dust buildup.

EMPTYING DUST. To reduce exposure to wood dust when removing dust from filters, which may increase risk of allergic reactions or respiratory problems, always turn switch *OFF*, disconnect power, and wear a respirator and safety glasses. To reduce fire and explosion risk, empty dust away from ignition sources and into an approved container.

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

MOUNTING. To reduce risk of injuries due to filter falling, secure it to load-bearing joists or wall studs that can support its weight. Do not mount unit only to sheet rock, pressboard, paneling, or honeycomb ceiling panels with expansion-type fasteners, which can easily tear out.

SECTION 2: 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.



AWARNING

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 at 120V 4.2 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.

AWARNING

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.

120V 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	15 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.)

ACAUTION

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!

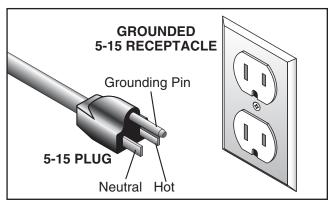
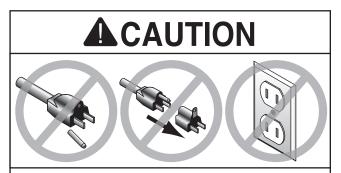


Figure 3. Typical 5-15 plug and receptacle.



SHOCK HAZARD!

Two-prong outlets do not meet the grounding requirements for this machine. Do not modify or use an adapter on the plug provided—if it will not fit the outlet, have a qualified electrician install the proper outlet with a verified ground.

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.

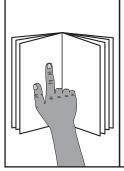
Extension cords cause voltage drop, which can damage electrical components and shorten motor life. Voltage drop increases as the extension cord size gets longer and the gauge size gets smaller (higher gauge numbers indicate smaller sizes).

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 Size16 AWG Maximum Length (Shorter is Better)......50 ft.



SECTION 3: SETUP



AWARNING

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!



AWARNING

Wear safety glasses during the entire setup process!



AWARNING

This machine and its components are very heavy. Get lifting help or use power lifting equipment such as a forklift to move heavy items.

Needed for Setup

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

Des	scription	Qty
•	An Assistant	1
•	Phillips Head Screwdriver #2	1
•	Safety Glasses (for each person)	1
•	Chain, Cable, or Steel Strapping 4 Len	gths
•	Drill	1
•	Drill Bit 1/4"	1
•	Open-End Wrench 10mm	1
•	Open-End Wrench 12mm	1
•	Mounting Hardware As Nee	
•	Ladders	

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.

Вох	1 (Figures 4 & 5)	Qty
Α.	Model G0572 Hanging Air Filter	1
В.	Secondary Filter (1-Micron, Bag-Type)	1
C.	Primary Filter (5-Micron, Pleated-Type)	1
D.	AAA Batteries	2
E.	Rubber Feet	4
F.	Hand-Held Remote Control Unit	1
G.	Flange Brackets	4
Н.	Eye Bolts M6-1 x 20	4
١.	Hex Wrench 5mm	1
J.	Hex Wrench 4mm	1
K.	Hex Bolts M6-1 x 8	8
L.	Flat Washers 6mm	8
М	Lock Washers 6mm	8

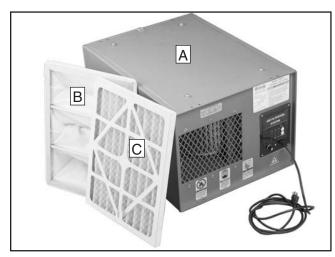


Figure 4. Model G0572 and filters.

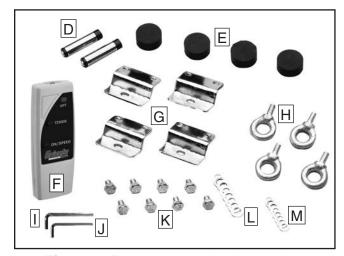
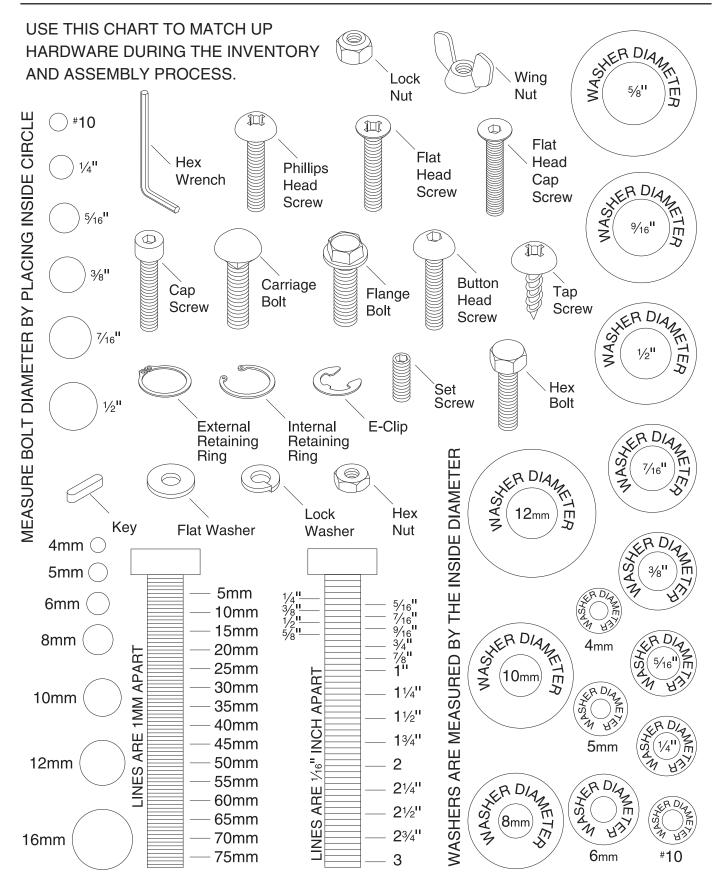


Figure 5. Remote control and mounting hardware.

Hardware Recognition Chart



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.

The Test Run consists of verifying the following: 1) The motor powers up and runs correctly 2) The remote control works correctly.

AWARNING

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.

AWARNING

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.** Place machine on stable surface such as a workbench that can support it.
- 3. Connect machine to power supply.
- 4. Press ON/SPEED button to turn machine ON (see Figure 6). Press ON/SPEED to cycle through LO, MID and HI speeds. Verify the motor runs smoothly and without unusual problems or noises at each speed.



Figure 6. Control panel.

- 5. Press OFF button to turn machine *OFF*.
- Using remote control, press ON button to turn machine *ON*. Press TIMER button and verify auto shut-off cycles through all options (1H, 2H, and 4H). Press OFF button to turn machine *OFF*.

Congratulations! The test run is complete.



Site Planning

Site planning is an important step to maximize the effectiveness of the hanging air filter. Air circulation must be thought out and all obstructions to the air path considered.

Think of air circulation in terms of the circular motion of the air before and after the air filter. The air exiting the filter is exhausted at a higher velocity than that entering it. Consequently, exhaust being vented inside a building can have an effect on the pattern of air circulation.

Air circulation patterns will vary depending upon which air flow speed is used and according to your specific shop setup. **Figure 7** shows an example of good air circulation.

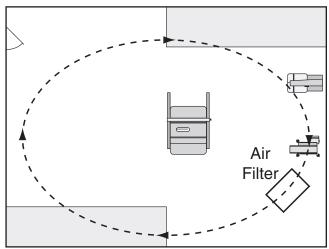


Figure 7. Good air circulation. The air filter placement promotes circular air motion.

Figure 8 shows an example of poor air circulation, where the air filter is placed too close to obstructions. In this situation, the velocity of the air is lost and circulation is diminished.

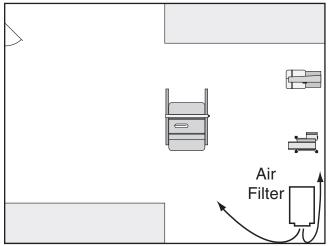


Figure 8. Poor air circulation. Placed too close to the wall, the air circulation short cycles, leaving much of the room unfiltered.

Below is a list of things to keep in mind when selecting a spot for the air filter:

- Study your shop layout and try to determine the best location for the hanging air filter. Air flow that is obstructed will cause a short cycle effect, producing unsatisfactory results. There must be a clearance of at least 3 ft. from any obstructions in front and back of the unit.
- Try to place the air filter in front of high dust producers like sanders or near areas where sanding will take place.
- Do not place the hanging air filter where garage doors may pass closely or where it may impede transport or movement of any other object.
- Try to place the unit where it is easy to access for turning it on, cleaning and maintenance.

Mounting Air Filter

It is very important that the hanging air filter be supported properly. Please follow these quidelines when planning where to mount the unit:

- Where the mounting brackets attach is the top of the unit. The hanging air filter can only be secured by the machine hooks on its top.
- Make sure that an electrical outlet with a properly grounded receptacle is available at the location you choose.
- The hanging air filter must be supported by wood joists. These joists should be capable of supporting at least 100 lbs each. DO NOT attach the hanging air filter to only sheet rock, press board or paneling. These materials cannot support the filter, and it may fall.
- Avoid hitting your head on the hanging air filter. Make sure there is enough clearance between the unit and the ground, especially important in a basement. If possible, position the air filter in an area that has little foot traffic but still offers easy access to the switch and filters.

Note: For the sake of clarity, the face where the mounting eye bolts and flush mount flange brackets attach will be called the top throughout the manual. The hanging air filter can be placed on its side, top or at an angle but it can only be secured by mounting eye bolts and flush mount flange brackets on its top.

You can install the air filter unit one of the following ways:

- Table-Top Mount: Use the rubber feet and/ or the flush mount flange brackets (see Figures 9 & 10) for a table-top application. Refer to Table-Top Mount on Page 18.
- Hanging Mount: Use the eye bolts (see Figures 9 & 10) for a high ceiling application.
 Refer to Hanging Mount on Page 18.
- Flush Mount: Use the flush mount flange brackets (see Figures 9 & 10) for a wall or low ceiling application. Refer to Flush Mount on Page 19.

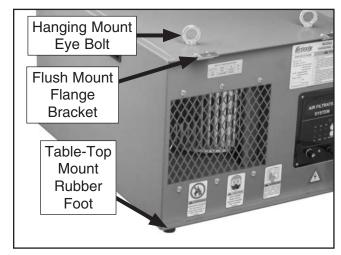


Figure 9. Air filter unit mounting options.

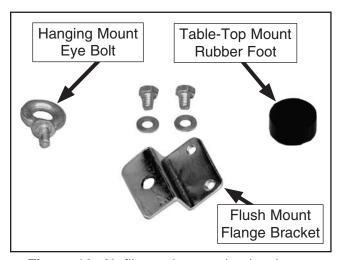


Figure 10. Air filter unit mounting hardware.



Table-Top Mount

You can use the air filter unit as a portable air filtration system by installing the rubber feet and placing the unit on a workbench or a table.



AWARNING

This machine and its components are very heavy. Get lifting help or use power lifting equipment such as a forklift to move heavy items.

To set up air filter for table-top operation:

- 1. With help of an assistant, carefully invert air filter unit.
- 2. Expose sticky backing on rubber foot and apply foot to bottom of air filter unit (see Figure 11). Repeat for each foot.

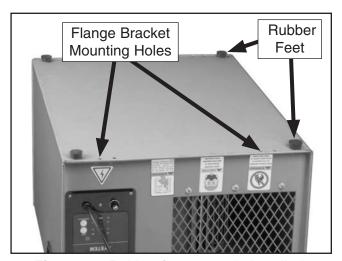


Figure 11. Rubber feet correctly installed.

Note: For permanent table-top mounting, refer to the Flush Mount procedure on **Page 19**, and install the air filter unit to the tabletop with the flush mount flange brackets.

Hanging Mount

To make the unit operate at the optimum height of 7' from the floor, you can install the air filter unit in your shop by hanging it by chain, cable, or steel strapping.

Tools Needed	Qty
Chain, Cable, or Steel Strapping	4 Lengths
Phillips Screwdriver #2	1
Open-End Wrench 12mm	1

AWARNING

ONLY mount the air filter unit to joists or table that can hold at least 100 lbs. DO NOT mount the unit only to sheet rock, pressboard, paneling, or honeycomb wall panels with expansion-type fasteners. The fasteners can tear out and the air filter can fall. Ignoring this caution can result in injury or property damage.



To install air filter for hanging mount operations:

1. Install (4) chains, cables, or steel strapping lines to ceiling from capable ceiling joists or supports so lines hang 15½" left-to-right and 24½" front-to-rear and air filter hangs 7' above floor when finished.



2. Remove (4) plug screws (see Figure 12).

Note: Retain screws in case air filter is mounted in a different configuration in the future. Plug screws ensure filter is sealed.

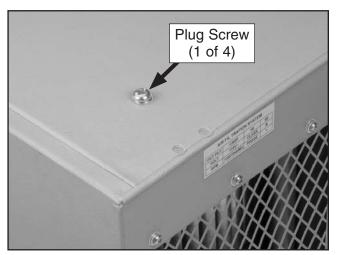


Figure 12. Plug screw.

3. Attach (4) M6-1 x 20 eye bolts to air filter and tighten until snug (see **Figure 13**).

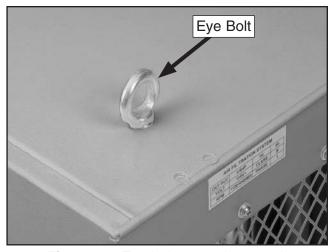


Figure 13. Eye bolt correctly seated.



AWARNING

This machine and its components are very heavy. Get lifting help or use power lifting equipment such as a forklift to move heavy items.

With help of an assistant, raise and secure(4) eye bolts to hanging lines.

Flush Mount

You can install the air filter unit in a confined shop by mounting it flush to a ceiling, wall, or table using the flange mounts.

Tools Needed	Qty
Lag Bolts or Hex Bolts with Hardware 1/4"	4
Open-End Wrench 10mm	1

AWARNING

ONLY mount the air filter unit to joists or table that can hold at least 100 lbs. DO NOT mount the unit only to sheet rock, pressboard, paneling, or honeycomb wall panels with expansion-type fasteners. The fasteners can tear out and the air filter can fall. Ignoring this caution can result in injury or property damage.



To install air filter for flush mount operation:

- Locate applicable load bearing studs or supports in wall or ceiling and mark air filter bolt pattern (17¹/₄" from left-to-right and 31" from front-to-rear).
- 2. Drill bolt pattern to accept at least ¼" lag bolts for studs; or use ¼" nuts, bolts, and washers for mounting to supports.



 Position (1) flange bracket under air filter lip at mounting hole location (see Figure 14).
 For permanent table-top mounting, use the lower-lip holes (see Figure 15).

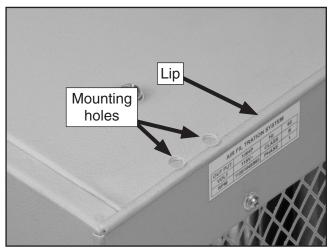


Figure 14. Flange bracket mounting holes and lip.



Figure 15. Lower-lip mounting holes.

4. Attach (4) flange brackets to air filter with (8) M6-1 x 8 hex bolts, 6mm lock washers, and 6mm flat washers (see **Figure 16**).

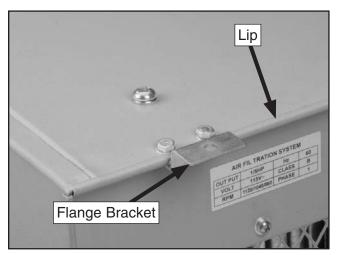


Figure 16. Flange correctly installed under lip.



With help of an assistant, position air filter on wall or ceiling, then screw or bolt air filter in place.



SECTION 4: OPERATIONS

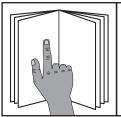
Operation Overview

When the Model G0572 is turned *ON*, the fan motor starts on HI and then switches to the speed of your selection. Air is drawn through the primary filter, through the secondary filter, then the cleaned air is distributed into your shop.

When the air filter is not in use, unplug the power cord from the power source. Secure the power cord away from potential hazards, such as high traffic areas, sharp objects, heat sources, harsh chemicals or fumes, damp areas, etc.

▲WARNING

THIS AIR FILTER IS TO BE USED FOR WOOD DUST ONLY. Do not use it to filter toxic fumes, paint spray, or dissipate smoke or fumes, which could damage the filters.



AWARNING

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



AWARNING

Eye injury hazard! Always wear safety glasses when using this machine.

NOTICE

If you are not experienced with this type of machine, WE STRONGLY RECOMMEND that you seek additional training outside of this manual. Read books/magazines or get formal training before beginning any projects. Regardless of the content in this section, Grizzly Industrial will not be held liable for accidents caused by lack of training.

Filtering Performance

When used in conjunction with an efficient dust collection system, the Model G0572 removes most fine wood particles up to 1 micron from the air. This air filter is capable of recirculating the air in a room measuring 25' x 25' x 8' approximately 15 times in one hour. We recommend that the volume of air in your room be recirculated 6–8 times an hour for the best filtering effect.

Therefore, rooms with a larger volume may require two or more air filters to achieve proper filtering.

To calculate the recirculating rate for your shop space:

 Calculate the volume of air in your shop by multiplying the length x width x height of the room (see the example below). Then, divide the volume by the speed (CFM) you have chosen to operate the air filter. This will give you how many minutes it takes to recirculate the air in the room.

Example: The room measures 25' x 25' x 8' and you are operating the air filter at 1290 CFM (HI).

$$\frac{25' \times 25' \times 8'}{1290 \text{ CFM}} = \frac{5000 \text{ ft}^3}{1290 \text{ CFM}} = 3.88 \text{ Minutes}$$

2. Calculate how many times per hour the room volume is recirculated through the air filter by dividing 60 minutes by the circulating time from Step 1. This will give you how many times an hour the air in the room is recirculated through the air filter.

$$\frac{60 \text{ Min.}}{3.88 \text{ Min.}} = 15.46 \text{ Times per Hour}$$



SECTION 5: ACCESSORIES

AWARNING

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.

H9621—Primary Filter for Model G0572 H9622—Secondary Filter for Model G0572

We recommend that you keep a set of filters on hand to ensure uninterrupted service of your air filter.

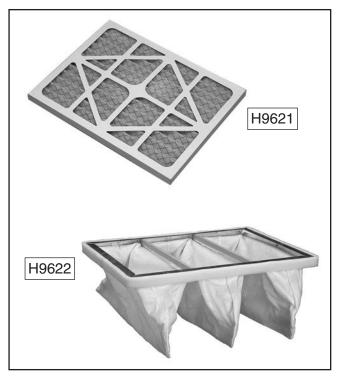


Figure 17. Replacement filters for Model G0572.

G9955—Benchtop Dual-Fan Dust Filter

Two separately switched fan motors can be used to draw a maximum 400 CFM of your dusty shop air through the 5 micron pleated filter. Perfect for sanding and power caring, the clear plastic hood helps to direct flow from the work area directly into the filter.

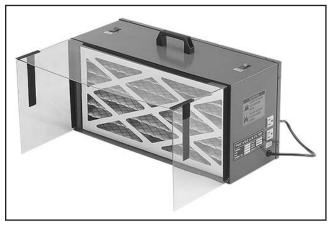


Figure 18. Model G9955 Benchtop Dust Filter.

G0573—Large Floor Air Filter

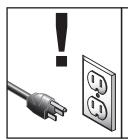
Roll this large air filter anywhere around the shop that it is needed, then roll it out of the way when not in use. Features a 12" air outlet, two-speed motor and easy open door for filter cleaning. Air movement is 1000 and 2000 CFM. Overall size is 30½"L x 25¾"W x 29¾"H.



Figure 19. Model G0573 Floor Air Filter.

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

SECTION 6: MAINTENANCE



AWARNING

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

- Loose mounting bolts.
- Dirty or clogged filters.
- Worn or damaged wires.
- Any other unsafe condition.

Cleaning/Replacing Filters

The amount of air filter operation has a direct bearing on when you must clean or replace the filters.

To maintain efficient operation, check the filters approximately every 40 hours of use in light or moderately dusty environments. In very dusty environments, check the filters every eight hours of use. Always wear a respirator when checking the filters.

During regular use the filters can be cleaned several times before replacement becomes necessary. To determine whether the filters need to be replaced, hold them up to the sunlight and visually inspect them. If you cannot see through the filters due to caked dust and grim, replace them before putting air filter back into operation.



AWARNING

To reduce risk of eye injury from flying chips or lung damage from breathing dust, always wear safety glasses and a respirator when checking or changing the filters.





To clean and replace filters:

- DISCONNECT MACHINE FROM POWER!
- 2. Open filter retainer latch and remove primary filter (see **Figure 20**).

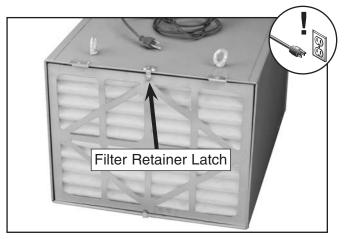


Figure 20. 5-Micron primary filter.

- **3.** Place primary filter in garbage bag and shake gently to remove dust.
- **4.** Visually inspect filter to see if it needs to be replaced.

NOTICE

DO NOT use compressed air to blow out the secondary filter in the following steps. This can cause damage to the filter.

5. Remove secondary filter (see Figure 21) and shake out wood dust until clean. Then wash filter with warm water and let dry.



Figure 21. 1-Micron secondary filter.

- 6. Vacuum inside of air filter housing.
- 7. When secondary filter is dry, place both filters in air filter housing and close filter retainer latch.



SECTION 7: SERVICE

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

Symptom	Possible Cause	Possible Solution	
Machine does	1. Blown fuse.	Clean/replace filters; replace fuse/ensure no shorts.	
not start,	2. Incorrect power supply voltage or circuit size.	2. Ensure correct power supply voltage and circuit size.	
or power	3. Remote not working.	3. Replace batteries; stay in signal range.	
supply fuse/ breaker trips	4. Receiver at fault.	4. Inspect/replace if at fault.	
immediately	5. Power supply circuit breaker tripped or fuse	5. Ensure circuit is free of shorts. Reset circuit breaker or	
after startup.	blown.	replace fuse.	
	6. Wiring broken, disconnected, or corroded.	6. Fix broken wires or disconnected/corroded	
		connections.	
	7. Control panel circuit board at fault	7. Inspect/replace if at fault.	
	8. Motor or motor bearings at fault.	8. Replace motor.	
Machine	1. Filters at fault.	Clean/replace filters (Page 23).	
stalls or is	2. Motor overheated.	2. Clean motor/let cool, and reduce workload.	
underpowered.	3. Run capacitor at fault.	3. Test/repair/replace.	
	4. Extension cord too long.	4. Move machine closer to power supply; use shorter	
		extension cord.	
	5. Motor or motor bearings at fault.	5. Replace motor.	
Machine has	Motor or component loose.	Replace damaged or missing bolts/nuts or tighten if	
vibration or		loose.	
noisy operation.	2. Incorrectly mounted (table-top or flush	Adjust/shim feet or tighten flange brackets.	
	mount).		
	3. Motor fan rubbing on fan cover.	3. Fix/replace fan cover; replace loose/damaged fan.	
	4. Motor or motor bearings at fault.	4. Test by rotating shaft; rotational grinding/loose shaft	
		requires bearing replacement.	

Air Filter Operations

Symptom	Possible Cause	Possible Solution
Loud, repetitious noise, or excessive vibration coming from air filter.	 Air filter is not mounted properly and wobbles. Impeller fan is damaged, loose, or unbalanced. 	Stabilize air filter. Unplug air filter and inspect the impeller for dents, bends, or loose fins. Replace impeller if damage is found.
Air filter does not adequately collect dust; poor performance.	1. Filters at fault.	Clean/replace filters (Page 23).



Replacing Fuse

The fuse on the control panel will blow in the case of a thermal overload.

Replace the fuse only with a fast-acting, 5 amp, 250V fuse (F5A250V). The correct fuse is available from Grizzly as Part Number P0572048.

Tool Needed	Qi	ty
Phillips Screwdriver	#2	1

To replace machine fuse:

- 1. DISCONNECT MACHINE FROM POWER!
- 2. Remove fuse holder located on control panel (see Figure 22).



Figure 22. Fuse cap on control panel.

- **3.** Remove old fuse from holder and install new fuse.
- 4. Replace fuse holder.

Replacing Remote Control Batteries

The remote control uses two AAA batteries. To replace them, slide the battery compartment cover down and off the remote (see **Figure 23**). Insert the batteries in the proper direction and replace the cover.

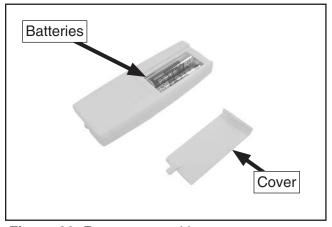


Figure 23. Remote control battery compartment cover removed.



SECTION 8: 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.

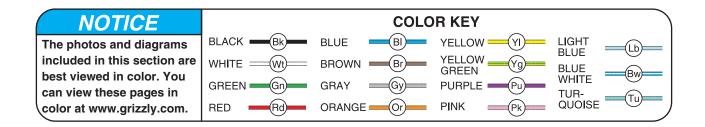
CIRCUIT REQUIREMENTS. You MUST follow the requirements at the beginning of this manual when connecting your machine to a power source.

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.

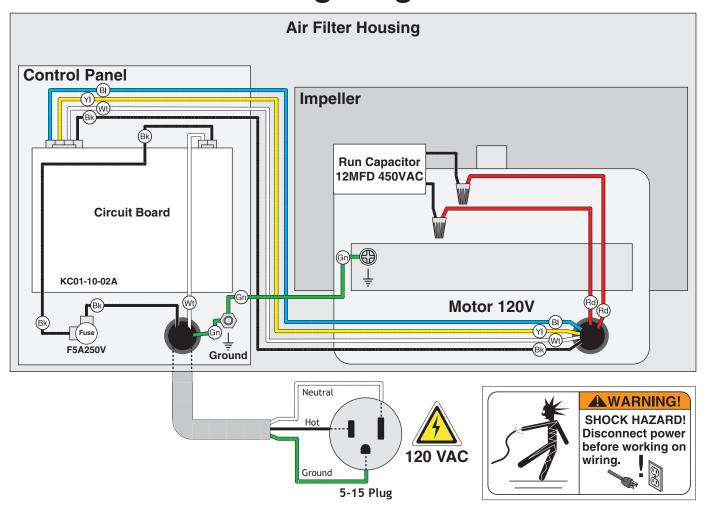
CAPACITORS/INVERTERS. Some capacitors and power inverters store an electrical charge for up to 10 minutes after being disconnected from the power source. To reduce the risk of being shocked, wait at least this long before working on capacitors.

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





Wiring Diagram



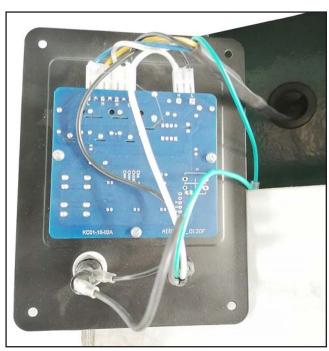
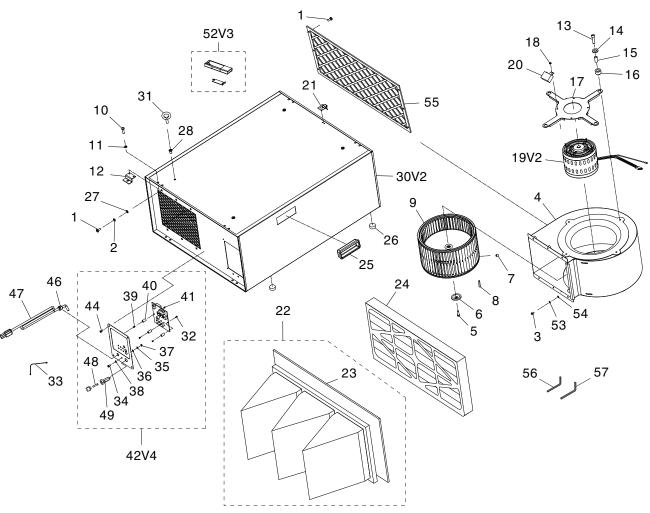


Figure 24. Circuit board wiring.

SECTION 9: PARTS

We do our best to stock replacement parts when possible, but we cannot guarantee that all parts shown are available for purchase. Call **(800) 523-4777** or visit **www.grizzly.com/parts** to check for availability.

Main



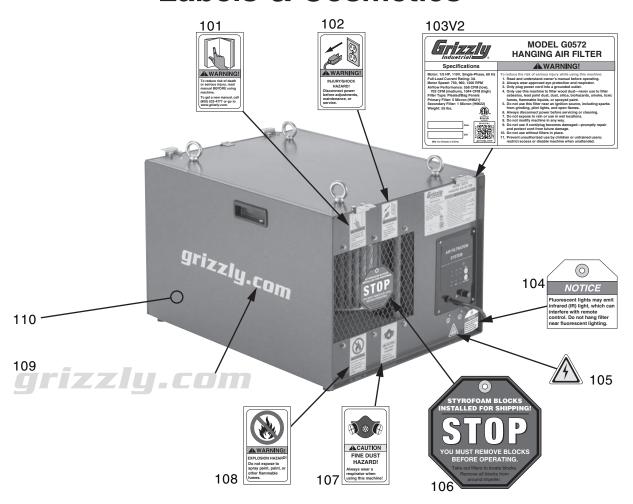
Main Parts List

REF	PART#	DESCRIPTION
1	P0572001	PHLP HD SCR M6-1 X 16
2	P0572002	LOCK WASHER 6MM
3	P0572003	PHLP HD SCR M47 X 8
4	P0572004	FAN HOUSING
5	P0572005	CAP SCREW M6-1 X 20 (LH)
6	P0572006	FLANGE DISC 6.5 X 44MM
7	P0572007	HEX BOLT M8-1.25 X 12
8	P0572008	KEY 4 X 4 X 20
9	P0572009	FAN
10	P0572010	HEX BOLT M6-1 X 10
11	P0572011	FLAT WASHER 6MM
12	P0572012	FLANGE BRACKET
13	P0572013	HEX BOLT M6-1 X 30
14	P0572014	FLAT WASHER 6MM
15	P0572015	SLEEVE
16	P0572016	SPACER
17	P0572017	FLANGE
18	P0572018	LOCK NUT M58
19V2	P0572019V2	MOTOR 1/5HP 120V 1-PH V2.01.21
20	P0572020	R CAPACITOR 12M 450V
21	P0572021	FILTER RETAINING LATCH
22	P0572022	SECONDARY 1-MICRON INNER FILTER
23	P0572023	FOAM SEAL 1/4" X 1" X 70"
24	P0572024	PRIMARY 5-MICRON OUTER FILTER
25	P0572025	HANDLE
26	P0572026	RUBBER FOOT

REF	PART #	DESCRIPTION
27	P0572027	FLAT WASHER 6MM
28	P0572028	RIVET NUT M10-1.5
30V2	P0572030V2	HOUSING V2.01.21
31	P0572031	EYE BOLT M10-1.5 X 20
32	P0572032	CONTROL PANEL BOLT M35 X 6
33	P0572033	PC WIRING HARNESS
34	P0572034	PHLP HD SCR M47 X 6
35	P0572035	LOCK WASHER 4MM
36	P0572036	FLAT WASHER 4MM
37	P0572037	HEX NUT M47
38	P0572038	EXT TOOTH WASHER 4MM
39	P0572039	CONTROL PANEL PHLP HD SCR
40	P0572040	PC BOARD SPACER
41	P0572041	PHLP HD SCR M35 X 6
42V4	P0572042V4	CONTROL PANEL ASSEMBLY V4.01.21
44	P0572044	PHLP HD SCR M47 X 10
46	P0572046	STRAIN RELIEF
47	P0572047	POWER CORD 18G 3W 5-15P
48	P0572048	FUSE 1-1/8" 5A 250V
49	P0572049	FUSE HOLDER
52V3	P0572052V3	REMOTE CONTROL V3.01.21
53	P0572053	FLAT WASHER 4MM
54	P0572054	LOCK WASHER 4MM
55	P0572055	STEEL MESHING
56	P0572056	HEX WRENCH 4MM
57	P0572057	HEX WRENCH 5MM



Labels & Cosmetics



REF PART#	DESCRIPTION
-----------	-------------

101	P0572101	READ MANUAL LABEL
102	P0572102	DISCONNECT POWER LABEL
103V2	P0572103V2	MACHINE ID LABEL V2.01.21
104	P0572104	FLUORESCENT BULB NOTICE TAG
105	P0572105	ELECTRICITY LABEL

REF PART# D	ESCRIPTION
-------------	------------

106	P0572106	UNPACKING TAG
107	P0572107	FINE DUST LABEL
108	P0572108	EXPLOSION HAZARD LABEL
109	P0572109	GRIZZLY.COM LABEL
110	P0572110	TOUCH-UP PAINT, GRIZZLY GREEN

AWARNING

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.

WARRANTY & RETURNS

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/forms/warranty, or you can scan the QR code below to be automatically directed to our warranty registration page. Enter all applicable information for the product.





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