



MODEL G0626/G0627 DOWNDRAFT TABLE OWNER'S MANUAL



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#TS8419 PRINTED IN TAIWAN

WARNING!

This manual provides critical safety instructions on the proper setup, operation, maintenance and service of this machine/equipment.

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

The owner of this machine/equipment 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, blade/cutter 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.

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INTRODUCTION

Foreword

We are proud to offer the Model G0626/G0627 Downdraft Table. This machine is part of a growing Grizzly family of fine woodworking machinery. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation and proof of Grizzly's commitment to customer satisfaction.

We are pleased to provide this manual with the Model G0626/G0627. It was written to guide you through assembly, review safety considerations, and cover general operating procedures. It represents our effort to produce the best documentation possible.

The specifications, drawings, and photographs illustrated in this manual represent the Model G0626/G0627 as supplied when the manual was prepared. However, owing to Grizzly's policy of continuous improvement, changes may be made at any time with no obligation on the part of Grizzly. For your convenience, we always keep current Grizzly manuals available on our website at **www.grizzly.com**. Any updates to your machine will be reflected in these manuals as soon as they are complete. Visit our site often to check for the latest updates to this manual!

Contact Info

If you have any comments regarding this manual, please write to us at the address below:

Grizzly Industrial, Inc.
c/o Technical Documentation Manager
P.O. Box 2069
Bellingham, WA 98227-2069

We stand behind our machines. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901
E-Mail: techsupport@grizzly.com
Web Site: <http://www.grizzly.com>





MACHINE DATA SHEET

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

MODEL G0626 25" X 15" DOWNDRAFT TABLE W/ STAND

Product Dimensions:

Weight..... 72 lbs.
Length/Width/Height..... 25 x 15 x 38 in.
Foot Print (Length/Width)..... 25-1/4 x 15-1/4 in.

Shipping Dimensions:

Type..... Not Available
Content..... Machine
Weight..... 82 lbs.
Length/Width/Height..... 29 x 22 x 22 in.

Electrical:

Switch..... Sealed Rocker
Switch Voltage..... 110V
Cord Length..... 8 ft.
Cord Gauge..... 16 gauge
Recommended Breaker Size..... 15 amp
Plug..... Yes

Motors:

Main

Type..... ODP Capacitor Induction
Horsepower..... 1/8 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 2.2A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer..... Direct Drive
Bearings..... Shielded and Lubricated

Main Specifications:

Operation Info

Air Suction Cap..... 400 CFM
Filter Micron..... 1
Filter Efficiency..... 96 Percent
Impeller Type..... Squirrel Cage
Impeller Size..... 8 in.
Impeller Blade Thickness..... 0.030 in.

Filter Info

No. Of Filters..... 1
Filter Length..... 11-3/8 in.
Filter Width..... 11-3/8 in.
Filter Thickness..... 11 in.



Table Info

Table Size Length.....	25 in.
Table Size Width.....	15 in.
Floor To Table Height.....	38 in.

Construction Info

Frame Const.....	Pre-Formed Steel
Base Const.....	Pre-Formed Steel
Impeller Const.....	Zinc Plated Steel
Table Const.....	Pre-Formed Steel
Side Wall Const.....	Steel
Filter Const.....	Woven Fabric and Aluminum
Paint.....	Powder Coated

Other Specifications:

Country Of Origin	Taiwan
Warranty	1 Year
Serial Number Location	ID Label
Assembly Time	15 minutes

Features:

- Non-marring Slip Resistant Table Top
- Convenient Access Filter Bay





MACHINE DATA SHEET

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

MODEL G0627 40" X 20" DOWNDRAFT TABLE W/ STAND

Product Dimensions:

Weight..... 124 lbs.
Length/Width/Height..... 40 x 20 x 38 in.
Foot Print (Length/Width)..... 40-1/4 x 20-1/4 in.

Shipping Dimensions:

Type..... Not Available
Content..... Machine
Weight..... 143 lbs.
Length/Width/Height..... 45 x 27 x 23 in.

Electrical:

Switch..... Sealed Rocker
Switch Voltage..... 110V
Cord Length..... 8 ft.
Cord Gauge..... 16 gauge
Recommended Breaker Size..... 15 amp
Plug..... Yes

Motors:

Main #2

Type..... ODP Capacitor Induction
Horsepower..... 1/8 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 2.2A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Direct Drive
Bearings..... Shielded and Lubricated

Main #1

Type..... ODP Capacitor Induction
Horsepower..... 1/8 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 2.2A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Direct Drive
Bearings..... Shielded and Lubricated



Main Specifications:

Operation Info

Air Suction Cap.....	800 CFM
Filter Micron.....	1
Filter Efficiency.....	96 Percent
Impeller Type.....	Squirrel Cage
Impeller Size.....	8 in.
Impeller Blade Thickness.....	0.030 in.

Filter Info

No. Of Filters.....	1
Filter Length.....	23-3/8 in.
Filter Width.....	11-3/8 in.
Filter Thickness.....	11 in.

Table Info

Table Size Length.....	40-1/4 in.
Table Size Width.....	20-1/4 in.
Floor To Table Height.....	39-1/2 in.

Construction Info

Frame Const.....	Pre-Formed Steel
Base Const.....	Pre-Formed Steel
Impeller Const.....	Zinc Plated Steel
Table Const.....	Pre-Formed Steel
Side Wall Const.....	Steel
Filter Const.....	Woven Fabric and Aluminum
Paint.....	Powder Coated

Other Specifications:

Country Of Origin	Taiwan
Warranty	1 Year
Serial Number Location	ID Label
Assembly Time	15 minutes

Features:

Non-marring Slip Resistant Table Top
Convenient Access Filter Bay



Identification

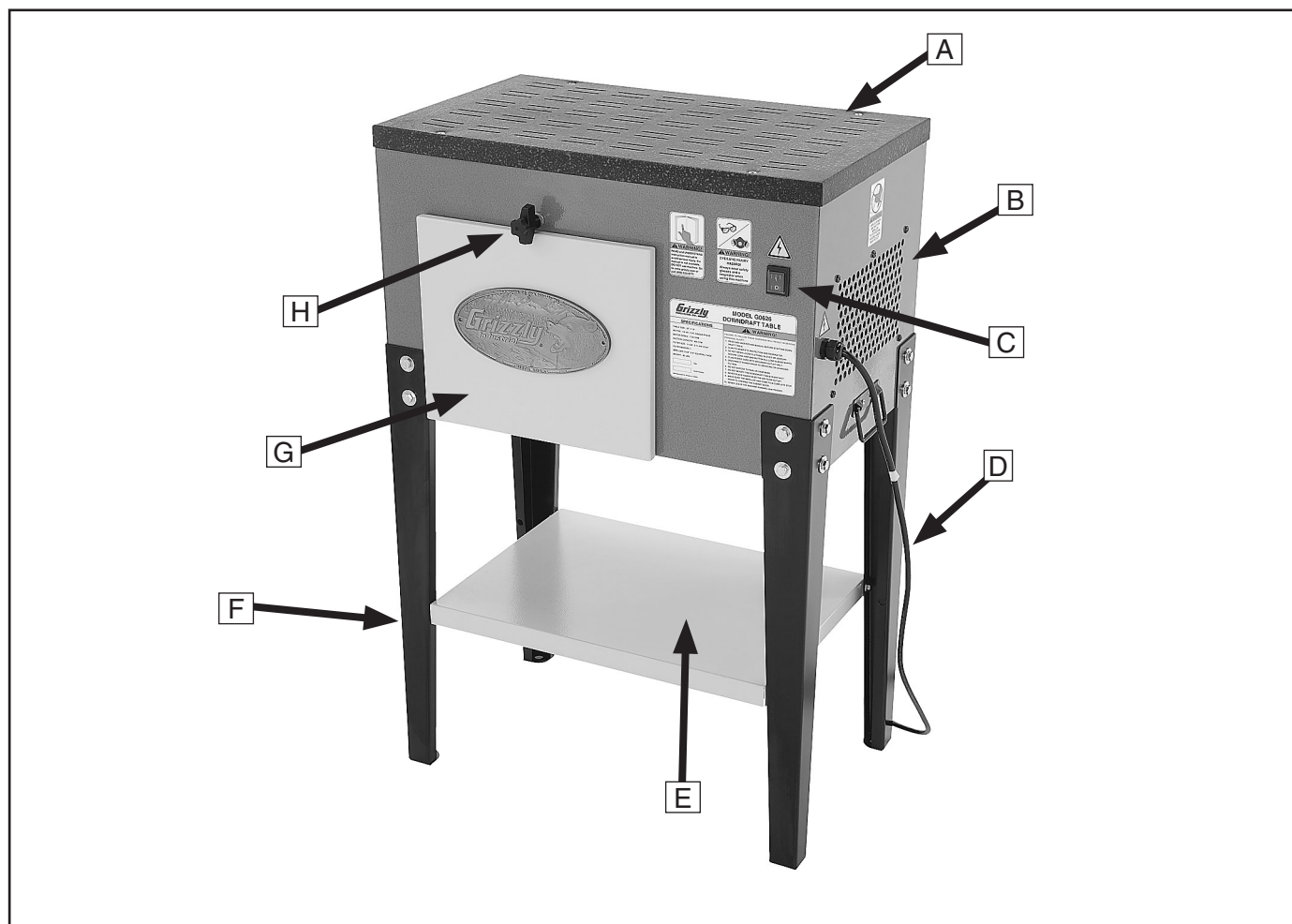


Figure 1. Front view, Model G0626.

- A. Table Top
- B. Air Flow Outlet
- C. Sealed Rocker Power Switch
- D. Power Cord
- E. Base Shelf
- F. Leg
- G. Filter Access Door
- H. Filter Access Door Latch



SECTION 1: SAFETY

WARNING

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.



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



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



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

This symbol is used to alert the user to useful information about proper operation of the machine.

WARNING

Safety Instructions for Machinery

- 1. READ THE ENTIRE MANUAL BEFORE STARTING MACHINERY.** Machinery presents serious injury hazards to untrained users.
- 2. ALWAYS USE ANSI APPROVED SAFETY GLASSES WHEN OPERATING MACHINERY.** Everyday eyeglasses only have impact resistant lenses—they are NOT safety glasses.
- 3. ALWAYS WEAR A NIOSH APPROVED RESPIRATOR WHEN OPERATING MACHINERY THAT PRODUCES DUST.** Wood dust can cause severe respiratory illnesses.
- 4. ALWAYS USE HEARING PROTECTION WHEN OPERATING MACHINERY.** Machinery noise can cause permanent hearing loss.
- 5. WEAR PROPER APPAREL. DO NOT** wear loose clothing, gloves, neckties, rings, or jewelry that can catch in moving parts. Wear protective hair covering to contain long hair and wear non-slip footwear.
- 6. NEVER OPERATE MACHINERY WHEN TIRED OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.** Be mentally alert at all times when running machinery.



WARNING

Safety Instructions for Machinery

7. **ONLY ALLOW TRAINED AND PROPERLY SUPERVISED PERSONNEL TO OPERATE MACHINERY.** Make sure operation instructions are safe and clearly understood.
8. **KEEP CHILDREN AND VISITORS AWAY.** Keep all children and visitors a safe distance from the work area.
9. **MAKE WORKSHOP CHILDPROOF.** Use padlocks, master switches, and remove start switch keys.
10. **NEVER LEAVE WHEN MACHINE IS RUNNING.** Turn power **OFF** and allow all moving parts to come to a complete stop before leaving machine unattended.
11. **DO NOT USE IN DANGEROUS ENVIRONMENTS.** DO NOT use machinery in damp, wet locations, or where any flammable or noxious fumes may exist.
12. **KEEP WORK AREA CLEAN AND WELL LIGHTED.** Clutter and dark shadows may cause accidents.
13. **USE A GROUNDED EXTENSION CORD RATED FOR THE MACHINE AMPERAGE.** Grounded cords minimize shock hazards. Undersized cords create excessive heat. Always replace damaged extension cords.
14. **ALWAYS DISCONNECT FROM POWER SOURCE BEFORE SERVICING MACHINERY.** Make sure switch is in OFF position before reconnecting.
15. **MAINTAIN MACHINERY WITH CARE.** Keep blades sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
16. **MAKE SURE GUARDS ARE IN PLACE AND WORK CORRECTLY BEFORE USING MACHINERY.**
17. **REMOVE ADJUSTING KEYS AND WRENCHES.** Make a habit of checking for keys and adjusting wrenches before turning machinery **ON**.
18. **CHECK FOR DAMAGED PARTS BEFORE USING MACHINERY.** Check for binding or misaligned parts, broken parts, loose bolts, and any other conditions that may impair machine operation. Repair or replace damaged parts before operation.
19. **USE RECOMMENDED ACCESSORIES.** Refer to the instruction manual for recommended accessories. Improper accessories increase risk of injury.
20. **DO NOT FORCE MACHINERY.** Work at the speed for which the machine or accessory was designed.
21. **SECURE WORKPIECE.** Use clamps or a vise to hold the workpiece when practical. A secured workpiece protects your hands and frees both hands to operate the machine.
22. **DO NOT OVERREACH.** Maintain stability and balance at all times.
23. **MANY MACHINES CAN EJECT WORKPIECES TOWARD OPERATOR.** Know and avoid conditions that cause the workpiece to "kickback."
24. **ALWAYS LOCK MOBILE BASES (IF USED) BEFORE OPERATING MACHINERY.**
25. **CERTAIN DUST MAY BE HAZARDOUS** to the respiratory systems of people and animals, especially fine dust. Be aware of the type of dust you are exposed to and always wear a respirator designed to filter that type of dust.



WARNING

Additional Safety Instructions for Downdraft Tables

- 1. FILTER CAPABILITIES.** This downdraft table is to be used for wood dust collection only. DO NOT use this machine to filter or collect liquids (especially flammables), metal shavings, lead paint, or asbestos, or collect burning or smoking material, including matches, cigarettes, and hot ashes. DO NOT use this machine to dissipate smoke or fumes.
- 2. IMPELLER EXPOSURE.** Always operate the downdraft table with the filter in place and the cabinet door closed to avoid dangerous entanglement. Unplug the machine before removing the filter.
- 3. MAINTENANCE/SERVICE.** Problems concerning any moving parts or accessories MUST be investigated and corrected with the power disconnected and after the impeller has come to a complete stop.
- 4. EXPLOSION RISK.** Suspended dust particles in conjunction with an ignition source may cause an explosion. Do not operate this machine in areas near pilot lights or open flames. NEVER use this downdraft table where paint fumes exist, or within a paint spray booth.
- 5. EMPTYING DUST FILTER BAG.** When emptying the dust from the filter bag, wear a respirator and safety glasses. Empty dust into an approved container and dispose properly.
- 6. WOOD TOXICITY.** Research the dangers of the specific species of wood you are working with as dust from some woods are toxic and can make you sick, cause cancer, and lead to long-term respiratory problems.
- 7. LEAD AND ASBESTOS.** This machine will not protect against lead-paint dust or asbestos fibers. These materials must be collected with special equipment because of the high hazard to human health. DO NOT attempt to collect these materials with this machine.
- 8. EXPERIENCING DIFFICULTIES.** If at any time you are experiencing difficulties performing the intended operation, stop using the machine! Contact our Technical Support Department at (570) 546-9663.

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 lessen the possibility 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.



SECTION 2: CIRCUIT REQUIREMENTS

110V Operation

⚠️ WARNING

Serious personal injury could occur if you connect the downdraft table to the power source before you have completed the set up process. **DO NOT** connect this machine to the power source until instructed to do so.

Amperage Draw

The Model G0626/G0627 motor draws the following amps under maximum load:

G0626.....	3 Amps
G0627.....	6 Amps

Circuit Recommendations

We recommend using a dedicated circuit for this machine. You **MUST** connect your machine to a grounded circuit that is rated for the amperage given below. Never replace a circuit breaker on an existing circuit with one of higher amperage without consulting a qualified electrician to ensure compliance with wiring codes. **If you are unsure about the wiring codes in your area or you plan to connect your machine to a shared circuit, consult a qualified electrician.**

110V Circuit.....	15 Amps
-------------------	---------

Plug/Receptacle Type

Included Plug Type.....	NEMA 5-15
-------------------------	-----------

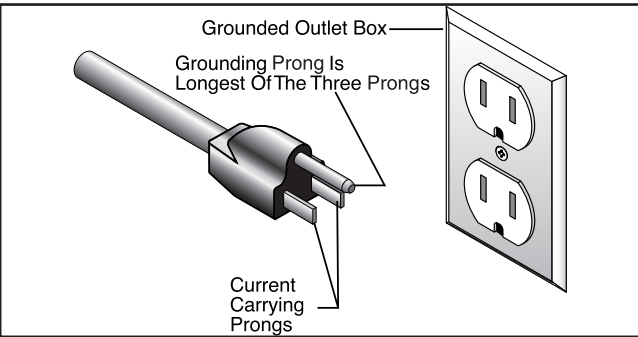
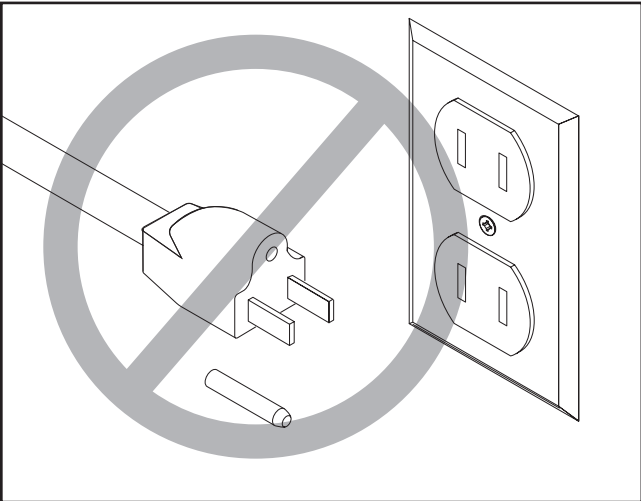


Figure 2. Typical type 5-15 plug and receptacle.



⚠️ WARNING

Electrocution or fire could result if this machine is not grounded correctly or if your electrical configuration does not comply with local and state codes. Ensure compliance by checking with a qualified electrician!



⚠️ CAUTION

This machine must have a ground prong in the plug to help ensure that it is grounded. **DO NOT** remove ground prong from plug to fit into a two-pronged outlet! If the plug will not fit the outlet, have the proper outlet installed by a qualified electrician.

Extension Cords

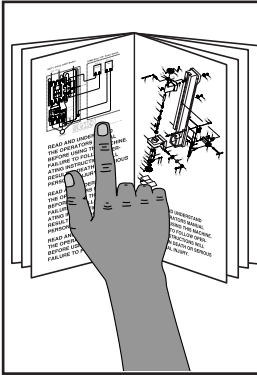
We do not recommend the use of extension cords, but if you find it absolutely necessary:

- Use a least a 16 gauge cord that does not exceed 50 feet in length!
- The extension cord must also contain a ground wire and plug pin.
- A qualified electrician **MUST** size cords over 50 feet long to prevent motor damage.



SECTION 3: SET UP

Set Up Safety



!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 set up process!



!WARNING

The Model G0626/G0627 is a heavy machine. DO NOT over-exert yourself while unpacking or moving your machine—get assistance.

Items Needed for Set Up

The following items are needed to complete the set up process, but are not included with your machine:

Description	Qty
• Assistant for Lifting Help	1
• Safety Glasses (for each person)	1
• Wrench 1/2"	2

Unpacking

The Model G0626/G0627 was carefully packed when it left our warehouse. If you discover the machine is damaged after you have signed for delivery, *please immediately call Customer Service at (570) 546-9663 for advice.*

Save the containers and all packing materials for possible inspection by the carrier or its agent. *Otherwise, filing a freight claim can be difficult.*

When you are completely satisfied with the condition of your shipment, you should inventory the contents.



Inventory

The following components are included with each Model G0626/G0627. After all the parts have been removed from their packaging, you should have :

Contents (Figures 3 & 4):	Qty
A. Downdraft Table Cabinet.....	1
B. Base Shelf.....	1
C. Legs.....	4
D. Filter Bag (G0626).....	1
E. Filter Bag (G0627, Not Shown)	1
F. Hardware Bag (Not Shown)	1
— Hex Bolt $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " (Cabinet)	16
— Flat Washer $\frac{5}{16}$ " (Cabinet).....	16
— Hex Bolt $\frac{5}{16}$ "-18 x $\frac{3}{4}$ " (Base Shelf)	4
— Flat Washer $\frac{5}{16}$ " (Base Shelf).....	8
— Hex Nut $\frac{5}{16}$ "-18 (Base Shelf)	4



Figure 3. Model G0626 out of box.

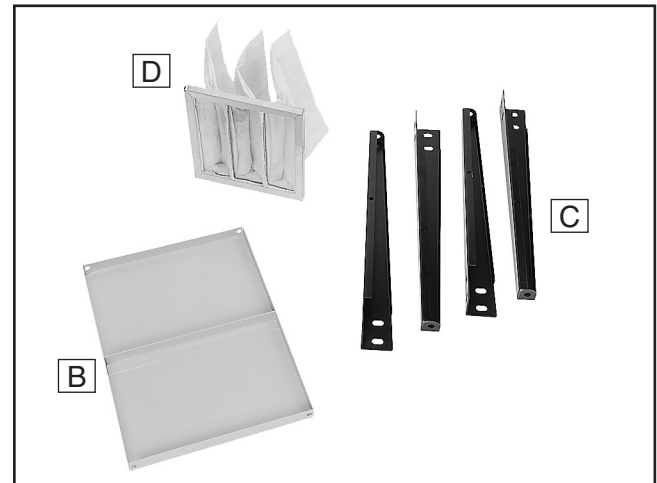


Figure 4. Model G0626 inventory.

In the event that any nonproprietary parts are missing (e.g. a nut or a washer), we would be glad to replace them, or for the sake of expediency, replacements can be obtained at your local hardware store.



⚠ WARNING

SUFFOCATION HAZARD!

Immediately discard all plastic bags and packing materials to eliminate choking/suffocation hazards for children and animals.

NOTICE

Some hardware/fasteners on the inventory list may arrive pre-installed on the machine. Check these locations before assuming that any items from the inventory list are missing.



Hardware Recognition Chart

USE THIS CHART TO MATCH UP
HARDWARE DURING THE ASSEMBLY
PROCESS.

MEASURE BOLT DIAMETER BY PLACING INSIDE CIRCLE

○ #10

○ 1/4"

○ 5/16"

○ 3/8"

○ 7/16"

○ 1/2"



Key

4mm ○

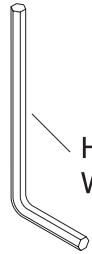
6mm ○

8mm ○

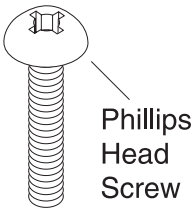
10mm ○

12mm ○

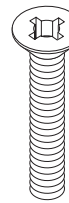
16mm ○



Hex
Wrench



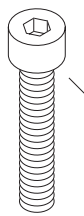
Phillips
Head
Screw



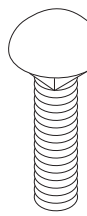
Flat
Head
Screw



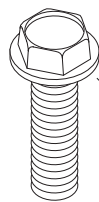
Tap
Screw



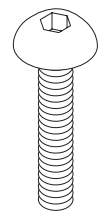
Cap
Screw



Carriage
Bolt



Flange
Bolt



Button
Head
Screw



External
Retaining
Ring



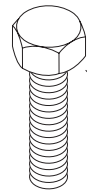
Internal
Retaining
Ring



E-Clip



Setscrew



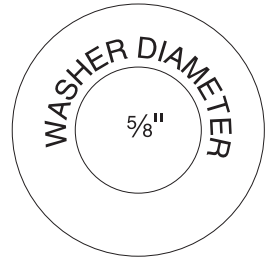
Hex
Bolt



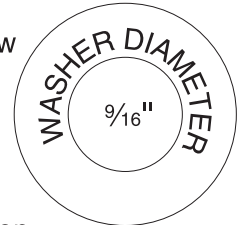
Lock
Nut



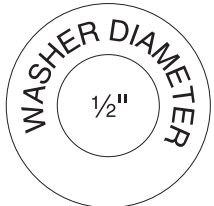
Wing
Nut



WASHER DIAMETER
5/8"



WASHER DIAMETER
9/16"



WASHER DIAMETER
1/2"



WASHER DIAMETER
7/16"



WASHER DIAMETER
3/8"



WASHER DIAMETER
5/16"

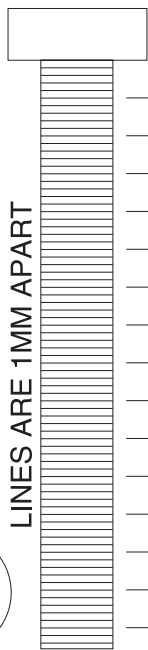


WASHER DIAMETER
1/4"



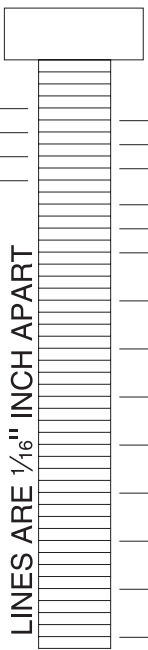
WASHER DIAMETER
#10

LINES ARE 1MM APART



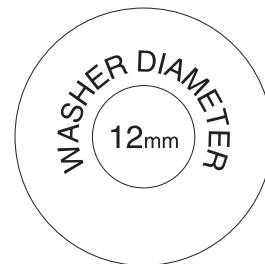
5mm
10mm
15mm
20mm
25mm
30mm
35mm
40mm
45mm
50mm
55mm
60mm
65mm
70mm
75mm

LINES ARE 1/16" INCH APART

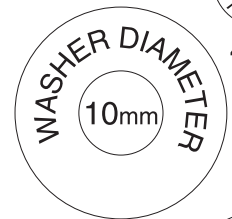


1/4"
3/8"
1/2"
5/8"
5/16"
7/16"
9/16"
3/4"
7/8"
1"
1 1/4"
1 1/2"
1 3/4"
2
2 1/4"
2 1/2"
2 3/4"
3

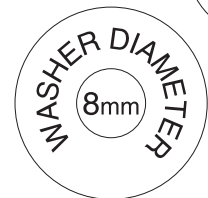
WASHERS ARE MEASURED BY THE INSIDE DIAMETER



WASHER DIAMETER
12mm



WASHER DIAMETER
10mm



WASHER DIAMETER
8mm



WASHER DIAMETER
4mm



WASHER DIAMETER
6mm



WASHER DIAMETER
#10



Site Considerations

Floor Load

Refer to the **Machine Data Sheets** on **Page 3** and **Page 5** for the weight and footprint specifications of your machine. Some residential floors may require additional reinforcement to support both the machine and operator.

Placement

Consider existing and anticipated needs, size of material to be processed with each machine, and space for auxiliary stands, work tables or other machinery when establishing a location for your new machine. See **Figure 5** for the minimum working clearances.

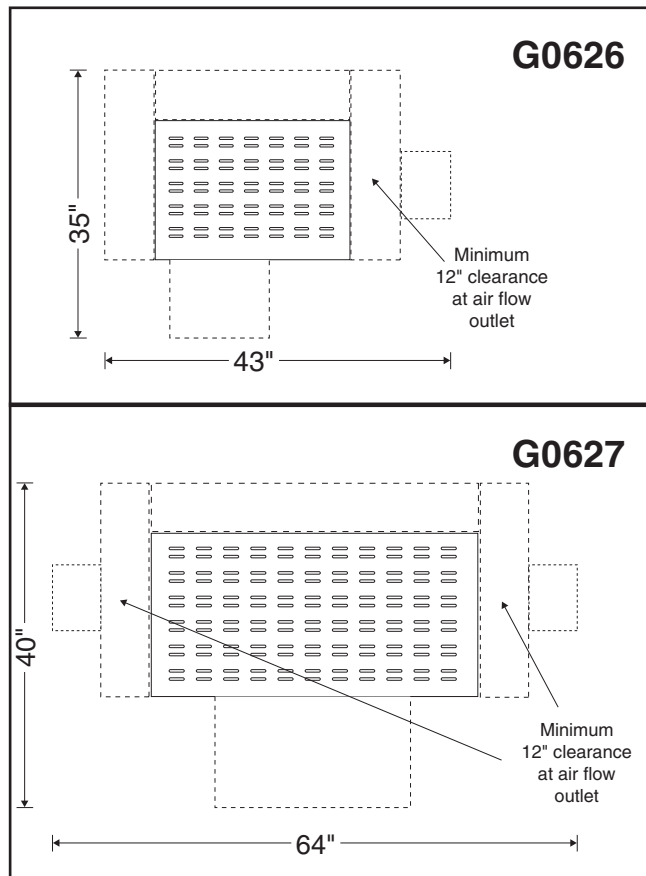
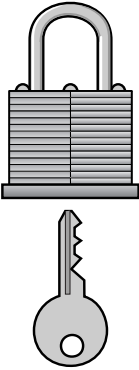


Figure 5. Minimum working clearances.

Assembly

	⚠ CAUTION Unsupervised children and visitors inside your shop could cause serious personal injury to themselves. Lock all entrances to the shop when you are away and DO NOT allow unsupervised children or visitors in your shop at any time!
--	--

To assemble the downdraft table:

1. With an assistant's help, tip the downdraft table over and lay the top of the table cabinet flat on the floor.
2. Using the hex bolts and flat washers provided, install the legs as shown in **Figure 6**.



Figure 6. Installing legs.

Continued on next page ➔



- Using the hex bolts, flat washers, and hex nuts provided, install the base shelf (see **Figure 7**).



Figure 7. Base shelf installed.

- With an assistant's help, return the downdraft table to the upright position so it rests on the legs.
- Open the cabinet door and install the filter bag as shown in **Figure 8**.



Figure 8. Installing filter bag.

- Hand tighten the filter bag knob (see **Figure 9**).

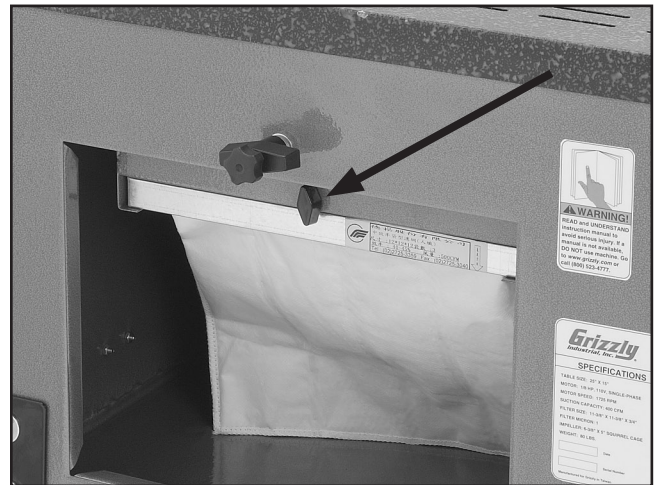


Figure 9. Filter bag knob.

- Close and secure the cabinet door.



Test Run

Once the assembly is complete, test run your downdraft table to make sure it runs properly.

If, during the test run, you cannot easily locate the source of an unusual noise or vibration, stop using the machine immediately, then review **Troubleshooting** on **Page 21**.

If you still cannot remedy a problem, contact our Tech Support at (570) 549-9663 for assistance.

To test run the downdraft table:

1. Ensure that anyone in the vicinity of the downdraft table, including yourself, is wearing safety glasses and a respirator.
2. Make sure you have read the safety instructions beginning on **Page 8**.

3. Make sure all tools and objects used during set up are cleared away from the machine.
4. Connect the machine to the power source.
5. Turn the downdraft table **ON**.
6. Listen to and watch for abnormal noises or actions. The machine should run smoothly with little or no vibration or rubbing noises.
7. Turn the downdraft table **OFF**.

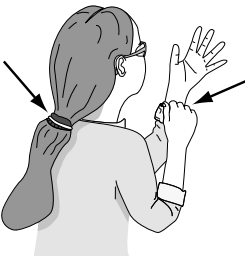
Note: *Strange or unusual noises should be investigated and corrected before operating the machine further. Always disconnect the machine from power when investigating or correcting potential problems. If necessary, refer to **Troubleshooting** on **Page 21** for more information.*



SECTION 4: OPERATIONS

!WARNING

Damage to your eyes, lungs, and ears could result from using this machine without proper protective gear. Always wear safety glasses, a respirator, and hearing protection when operating this machine.



!WARNING

Loose hair and clothing could get caught in machinery and cause serious personal injury. Keep loose clothing and long hair away from moving machinery.



!WARNING

A fire/explosion could occur if this machine is used to collect paint fumes or overspray! Do not use downdraft table as a paint spray bench.

NOTICE

If you have never used this type of machine or equipment before, WE STRONGLY RECOMMEND that you read books, trade 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.

Operation



Figure 10. Typical sanding operation set up.

To use the Model G0626/G0627:

1. Check to make sure the air flow outlets on the sides of the downdraft cabinet have at least 12" of clearance between obstructions so as not to restrict air flow.
2. Turn the downdraft table **ON**.
3. Press the workpiece down against the downdraft tabletop as you sand your workpiece (see Figure 10).



SECTION 5: ACCESSORIES

H3120—Palm Detail Sander

This hook and loop orbital Palm Sander is just the tool for working tight corners and all-around finish sanding. Includes sander, dust bag, vacuum adapter, 3-pcs. 60 grit, 3-pcs. 120 grit, 4-pcs. 240 grit, steel wool pad, foam pad and scuff pad. Comes in a handy carry case.



Figure 11. Model H3120.

H5916—60 Grit 10 Pack Sandpaper for H3120

H5917—120 Grit 10 Pack for H3120

H5918—180 Grit 10 Pack for H3120

H5919—240 Grit 10 Pack for H3120

G5970—Electric Palm Sander

This quarter-sheet palm sander features a built-in dust collection bag and sealed On/Off switch for long dependable life. Swirl-free 10,000 orbits per minute make this double insulated sander an indispensable part of any shop.

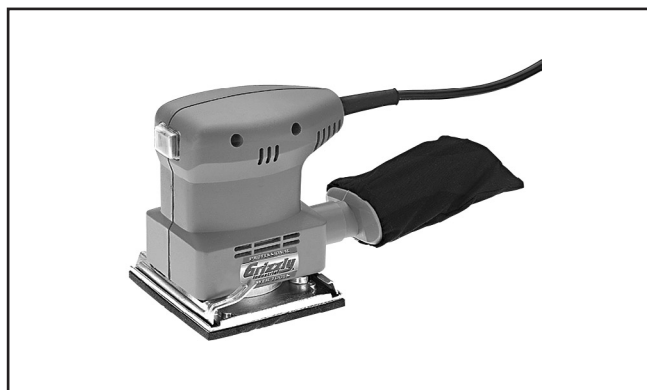


Figure 12. Model G5970.

Call 1-800-523-4777 To Order

G7984—Face Shield

H1298—Dust Sealed Safety Glasses

H1300—UV Blocking, Clear Safety Glasses

H2347—Uvex® Spitfire Safety Glasses

H0736—Shop Fox® Safety Glasses

Safety Glasses are essential to every shop. If you already have a pair, buy extras for visitors or employees. You can't be too careful when it comes to shop safety!

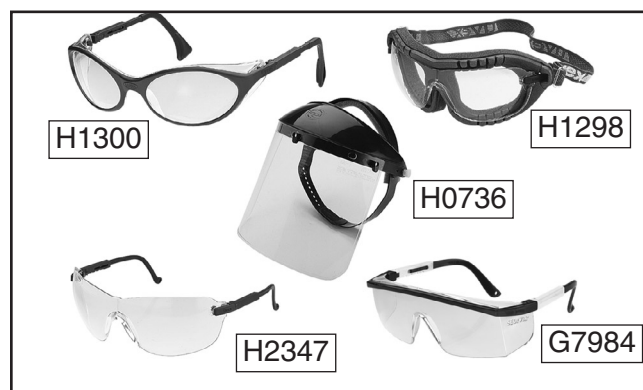


Figure 13. Our most popular safety glasses.

H2499—Small Half-Mask Respirator

H3631—Medium Half-Mask Respirator

H3632—Large Half-Mask Respirator

H3635—Disposable Cartridge Filter Pair P100

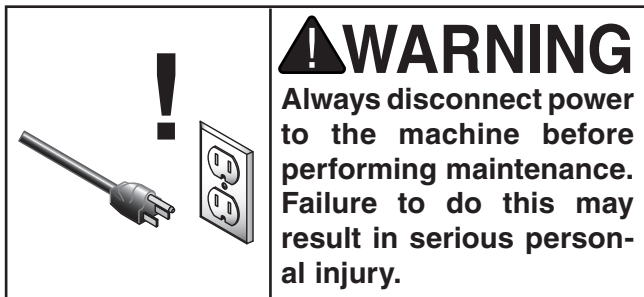
Wood dust is now considered a known carcinogen and has been linked to nasal cancer and severe respiratory illnesses. If you work around dust everyday, a half-mask respirator can be a lifesaver. Also compatible with safety glasses!



Figure 14. Half-mask respirator and disposable cartridge filters.



SECTION 6: MAINTENANCE



Schedule

For optimum performance from your machine, follow this maintenance schedule and refer to any specific instructions given in this section.

Daily Check:

- Check table top.
- Check filters.
- Loose mounting bolts.
- Worn or damaged wires.
- Any other unsafe condition.

Weekly Check:

- Check filters.

Monthly Check:

- Clean/vacuum dust buildup from inside cabinet and off motor.

Cleaning

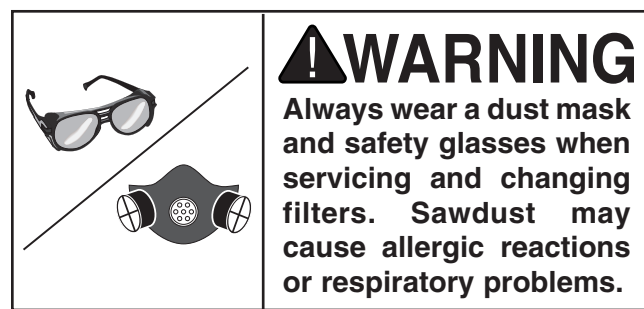
Cleaning the Model G0626/G0627 is relatively easy and will prolong the life of your downdraft table.

1. Wipe the table top with a clean rag. If your table surface gets gummy from wood pitch, you can use a non-corrosive blade cleaner like Oxisolv® (Model G1955) to easily remove it without harming the tabletop surface. DO NOT clean with products that will harm the paint on the table surface like brake parts cleaner, acetone, or gasoline.

2. Remove the filter bag, vacuum excess dust from the cabinet interior, and reinstall the filter bag.

Filters

The filters may need to be serviced if suction is noticeably reduced. The amount of use has a direct bearing on how often you must service the filter.



To service the filters:

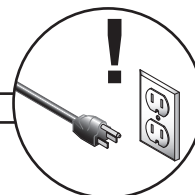
1. DISCONNECT POWER TO THE DOWNDRAFT TABLE!
2. Open the cabinet door and remove the filter bag.
3. Gently empty the contents of the filter bag inside a garbage can.
4. Reinstall the filter bag and close the cabinet door.



SECTION 7: SERVICE

Review the troubleshooting and procedures in this section to fix your machine if a problem develops. If you need replacement parts or you are unsure of your repair skills, then feel free to call our Technical Support at (570) 546-9663.

Troubleshooting



Motor & Electrical

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Machine does not start or a fuse/breaker trips.	1. Fuse/breaker has blown.	1. Correct short/replace fuse/replace breaker.
	2. Motor connection wired incorrectly.	2. Correct motor wiring connections.
Machine has excessive vibration or noisy operation.	1. Legs at fault.	1. Tighten leg bolts for stability.
	2. Base shelf at fault.	2. Tighten base shelf bolts.
	3. Motor or component is loose.	3. Inspect/replace stripped or damaged bolts/nuts, and re-tighten with thread locking fluid.

Operations

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Downdraft table does not adequately collect dust; poor performance.	1. Filter bag is full.	1. Service filter bag.
	2. Cabinet interior and impeller clogged with debris.	2. Remove the filter bag and vacuum excess dust from the cabinet interior.



G0626/G0627 Electrical Components

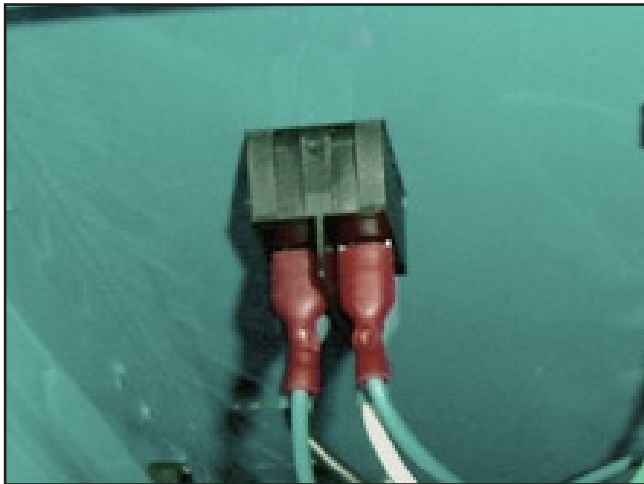


Figure 15. G0626/G0627 switch wiring.

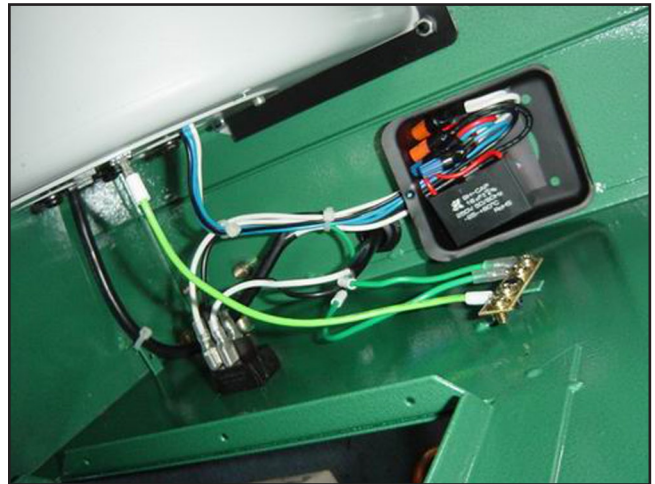


Figure 16. G0626/G0627 motor 1 wiring.



Figure 17. G0627 motor 2 wiring.

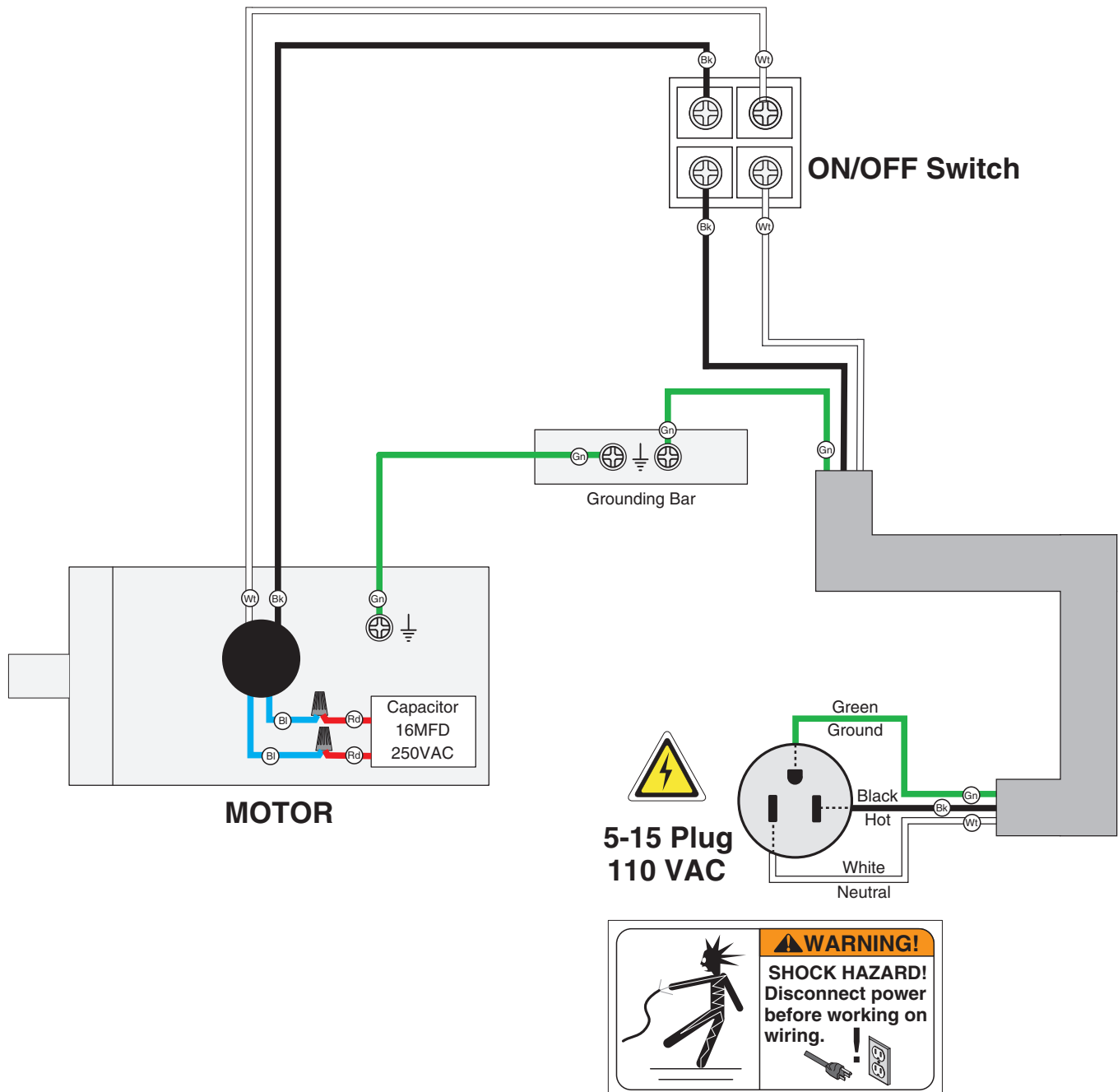


G0626 Wiring Diagram



COLOR KEY	
BLACK	
WHITE	
GREEN	
RED	
BLUE	

⚠ DANGER
Disconnect power before performing any electrical service. Electricity presents serious shock hazards that will result in severe personal injury and even death!



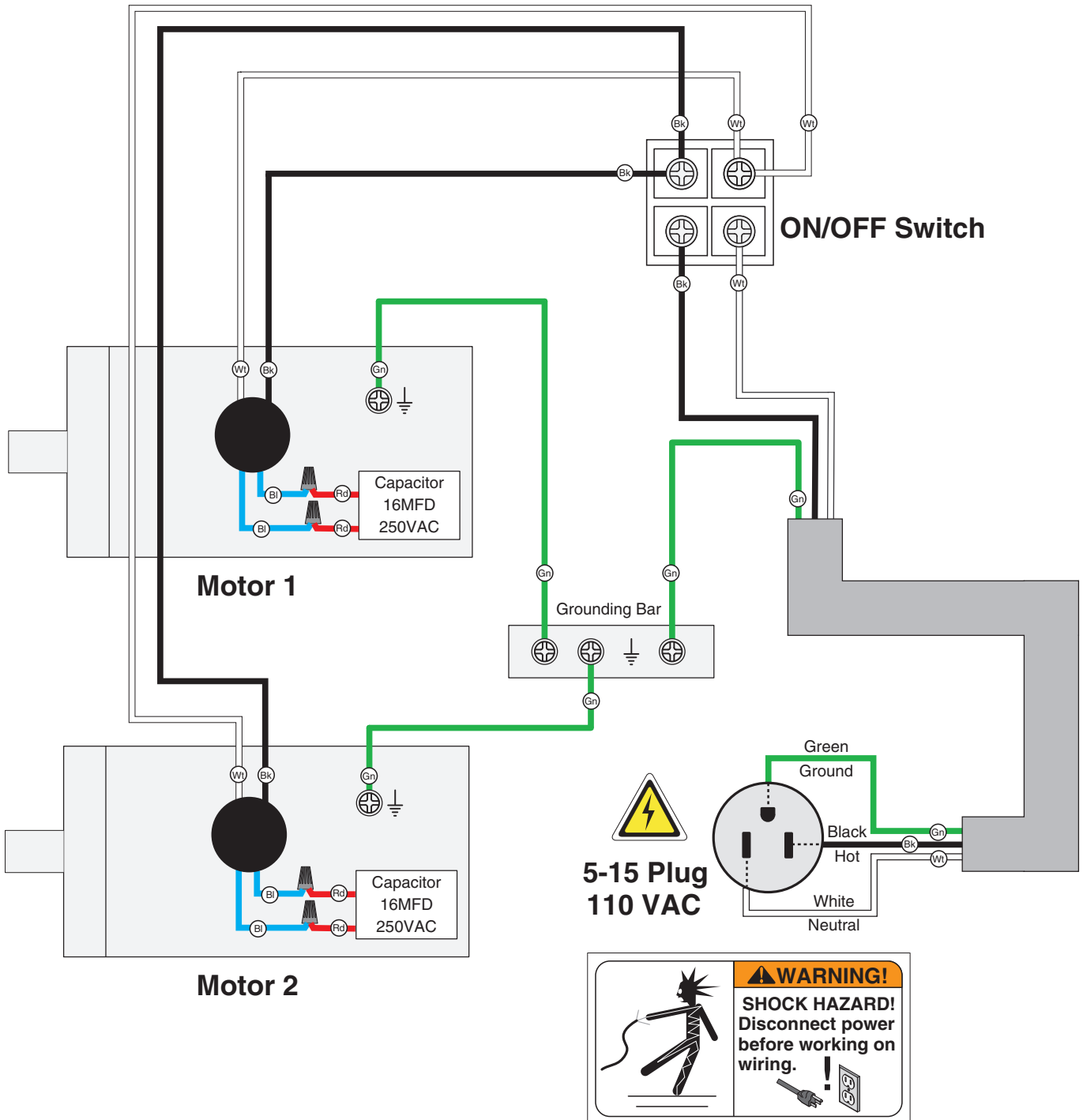
G0627 Wiring Diagram



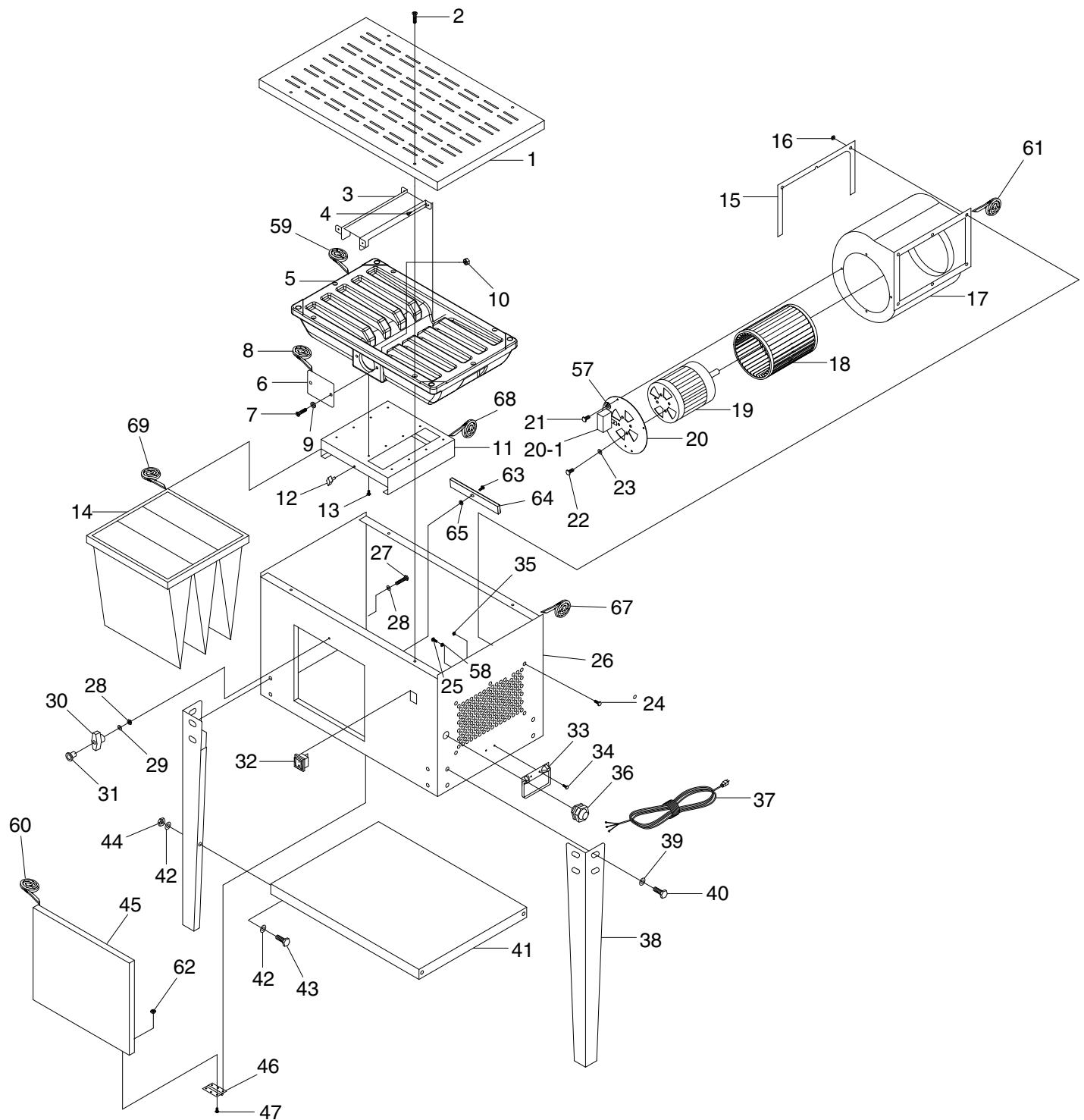
COLOR KEY	
BLACK	
WHITE	
GREEN	
RED	
BLUE	
YELLOW	

⚠ DANGER

Disconnect power before performing any electrical service. Electricity presents serious shock hazards that will result in severe personal injury and even death!



G0626 Parts Breakdown



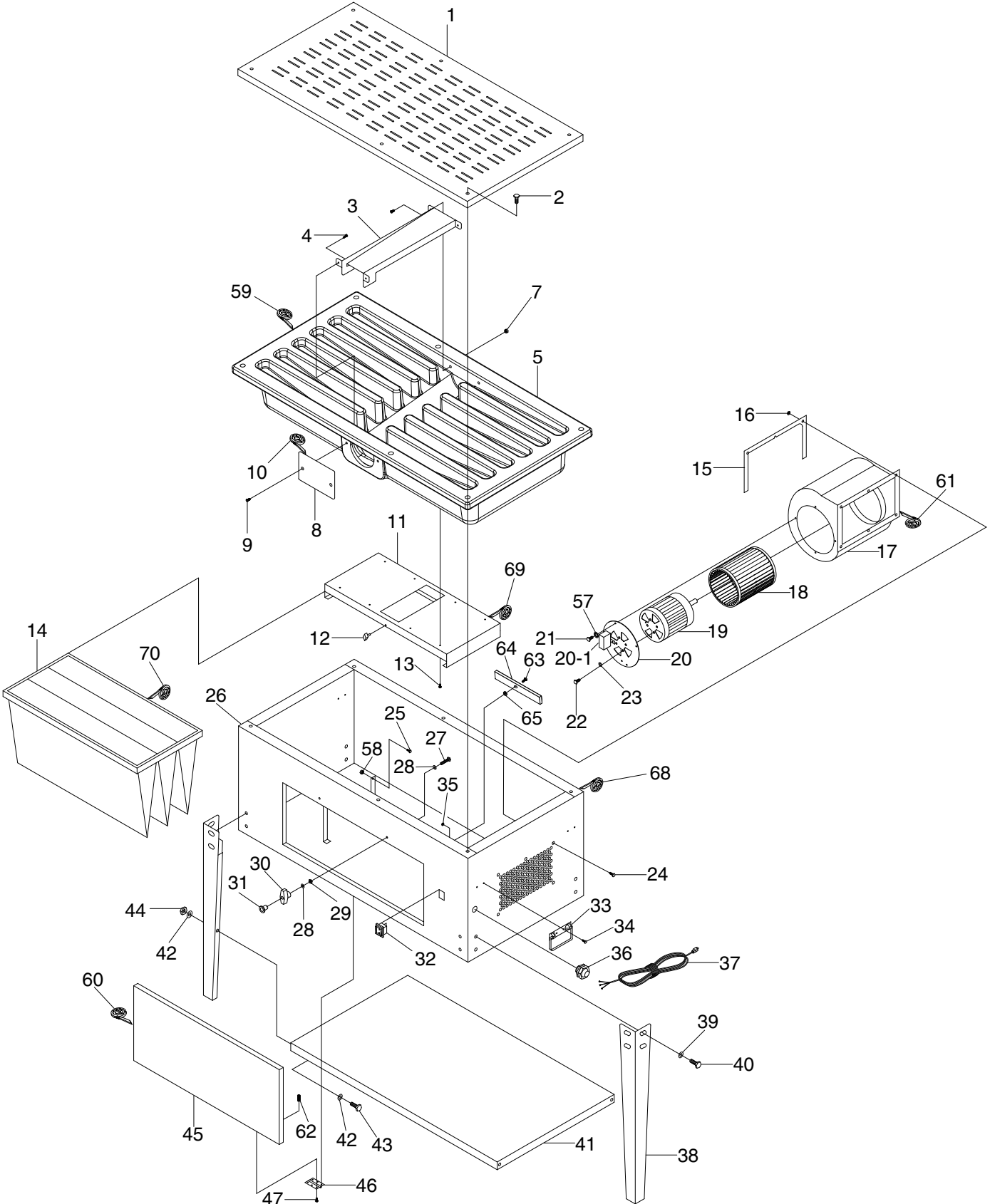
G0626 Parts List

REF	PART #	DESCRIPTION
1	P0626001	TABLE TOP
2	PFH15	FLAT HD SCR 1/4-20 X 1 1/2
3	P0626003	DUST DEFLECTOR
4	PHTEK5M	TAP SCREW M4 X 12
5	P0626005	TABLE BASE
6	P0626006	OUTLET COVER
7	PB31	HEX BOLT 1/4-20 X 1
8	P0626008	GASKET
10	PN05	HEX NUT 1/4-20
11	P0626011	DUST FILTER CASE
12	P0626012	KNOB M6-1 X 14
13	P0626013	TAP SCREW M5 X 12
14	P0626014	FILTER BAG
15	P0626015	BLOWER SUPPORT
16	PN05	HEX NUT 1/4-20
17	P0626017	BLOWER HOOD
18	P0626018	IMPELLER
19	P0626019	MOTOR
20	P0626020	MOTOR SUPPORT
20-1	P0626020-1	CAPACITOR 16MFD 250VAC
21	PS38M	PHLP HD SCR M4-.7 X 10
22	PS68M	PHLP HD SCR M6-1 X 10
23	PW06	FLAT WASHER 1/4
24	PS02	PHLP HD SCR 1/4-20 X 3/4
25	PS06M	PHLP HD SCR M5-.8 X 20
26	P0626026	TABLE CABINET
27	PS54M	PHLP HD SCR M5-.8 X 45
28	PN06M	HEX NUT M5-.8
29	P0626029	FLAT WASHER 3/16
30	P0626030	KNOB 5/16-18

REF	PART #	DESCRIPTION
31	P0626031	KNOB M5-.8
32	P0626032	SWITCH
33	P0626033	HANDLE
34	PS38M	PHLP HD SCR M4-.7 X 10
35	PN04M	HEX NUT M4-.7
36	P0626036	STRAIN RELIEF
37	P0626037	POWER CORD
38	P0626038	LEG
39	PW07	FLAT WASHER 5/16
40	PB07	HEX BOLT 5/16-18 X 3/4
41	P0626041	BASE SHELF
42	PW07	FLAT WASHER 5/16
43	PB07	HEX BOLT 5/16-18 X 3/4
44	PN02	HEX NUT 5/16-18
45	P0626045	CABINET DOOR
46	P0626046	DOOR HINGE
47	PS38M	PHLP HD SCR M4-.7 X 10
57	P0626057	INT TOOTH WASHER 5MM
58	PN06M	HEX NUT M5-.8
59	P0626059	GASKET
60	P0626060	GASKET
61	P0626061	GASKET
62	PN04M	HEX NUT M4-.7
63	P0626063	TAP SCREW M5 X 12
64	P0626064	GROUNDING BAR
65	P0626065	INT TOOTH WASHER 5MM
67	P0626067	GASKET
68	P0626068	GASKET
69	P0626069	GASKET



G0627 Parts Breakdown



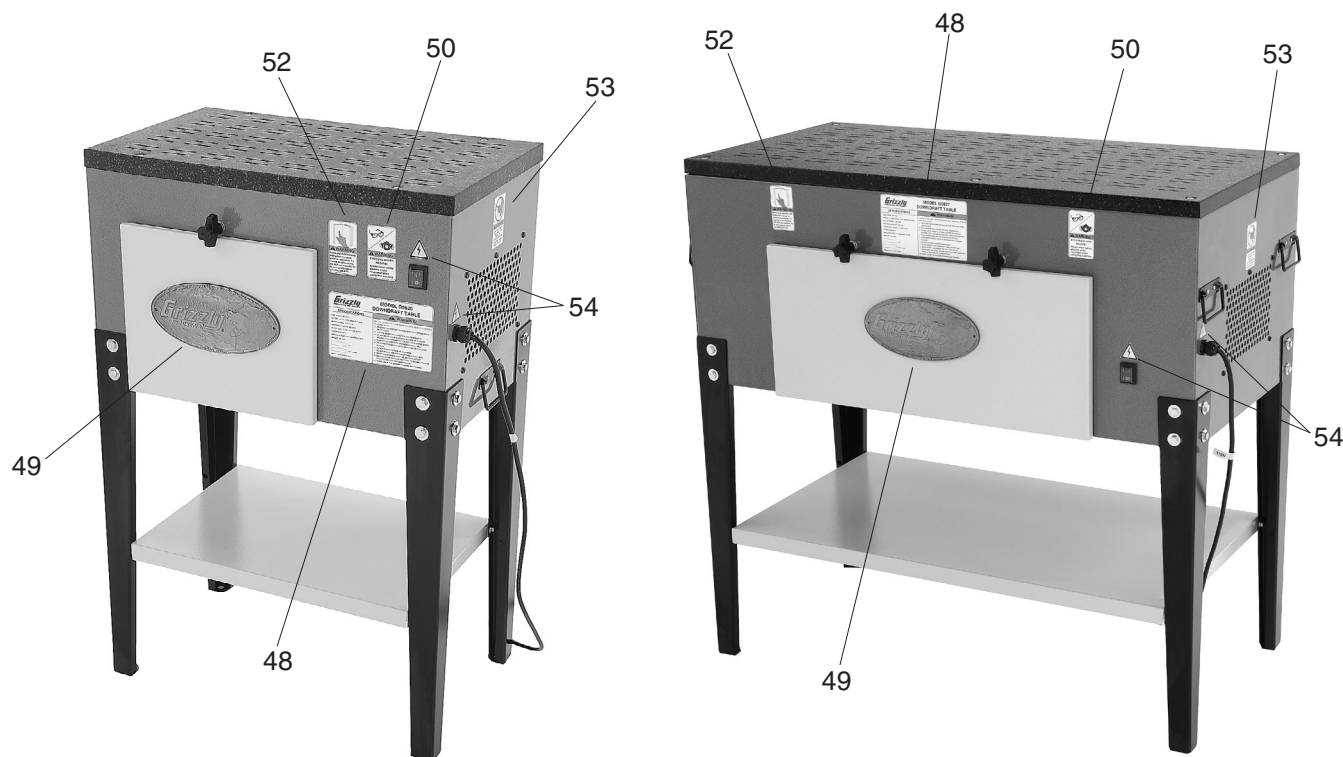
G0627 Parts List

REF	PART #	DESCRIPTION
1	P0627001	TABLE TOP
2	PFH15	FLAT HD SCR 1/4-20 X 1 1/2
3	P0627003	DUST DEFLECTOR
4	PHTEK5M	TAP SCREW M4 X 12
5	P0627005	TABLE BASE
7	PN05	HEX NUT 1/4-20
8	P0627008	OUTLET COVER
9	PB31	HEX BOLT 1/4-20 X 1
10	P0627010	GASKET
11	P0627011	DUST FILTER CASE
12	P0626012	KNOB M6-1 X 14
13	P0627013	TAP SCREW M5 X 12
14	P0627014	FILTER BAG
15	P0627015	BLOWER SUPPORT
16	PN05	HEX NUT 1/4-20
17	P0627017	BLOWER HOOD
18	P0627018	IMPELLER
19	P0627019	MOTOR
20	P0627020	MOTOR SUPPORT
20-1	P0626020-1	CAPACITOR 16MFD 250VAC
21	PS38M	PHLP HD SCR M4-.7 X 10
22	PS68M	PHLP HD SCR M6-1 X 10
23	PW06	FLAT WASHER 1/4
24	PS02	PHLP HD SCR 1/4-20 X 3/4
25	PS06M	PHLP HD SCR M5-.8 X 20
26	P0627026	TABLE CABINET
27	PS54M	PHLP HD SCR M5-.8 X 45
28	PN06M	HEX NUT M5-.8
29	P0627029	FLAT WASHER 3/16
30	P0626030	KNOB 5/16-18

REF	PART #	DESCRIPTION
31	P0626031	KNOB M5-.8
32	P0626032	SWITCH
33	P0626033	HANDLE
34	PS38M	PHLP HD SCR M4-.7 X 10
35	PN04M	HEX NUT M4-.7
36	P0626036	STRAIN RELIEF
37	P0626037	POWER CORD
38	P0627038	LEG
39	PW07	FLAT WASHER 5/16
40	PB07	HEX BOLT 5/16-18 X 3/4
41	P0627041	BASE SHELF
42	PW07	FLAT WASHER 5/16
43	PB07	HEX BOLT 5/16-18 X 3/4
44	PN02	HEX NUT 5/16-18
45	P0627045	CABINET DOOR
46	P0626046	DOOR HINGE
47	PS38M	PHLP HD SCR M4-.7 X 10
57	P0627057	INT TOOTH WASHER 5MM
58	PN06M	HEX NUT M5-.8
59	P0627059	GASKET
60	P0627060	GASKET
61	P0627061	GASKET
62	PN04M	HEX NUT M4-.7
63	P0627063	TAP SCREW M5 X 12
64	P0627064	GROUNDING BAR
65	P0627065	INT TOOTH WASHER 5MM
68	P0627068	GASKET
69	P0627069	GASKET
70	P0627070	GASKET



G0626/G0627 Safety Label Placement



REF	PART #	DESCRIPTION
48	P0626048	G0626 MACHINE ID LABEL
48	P0627048	G0627 MACHINE ID LABEL
49	G8588	GRIZZLY NAMEPLATE
50	PLABEL-43	RESPIRATOR/GLASSES LABEL
52	PLABEL-12A	READ MANUAL - VERTICAL

REF	PART #	DESCRIPTION
53	P0626053	NO HANDS IN OUTLET
54	PLABEL-14	ELECTRICITY LABEL
55	PPAINT-1	GRIZZLY GREEN TOUCH UP PAINT
56	PPAINT-11	GRIZZLY PUTTY TOUCH UP PAINT

WARNING

Safety labels warn about machine hazards and ways to prevent injury. The owner of this machine **MUST** maintain the original location and readability of the labels on the machine. If any label is removed or becomes unreadable, **REPLACE** that label before using the machine again. Contact Grizzly at (800) 523-4777 or www.grizzly.com to order new labels.



WARRANTY AND 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.

To take advantage of 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.

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.

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.





WARRANTY CARD

Name _____

Street _____

City _____ State _____ Zip _____

Phone # _____ Email _____ Invoice # _____

Model # _____ Order # _____ Serial # _____

The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. **Of course, all information is strictly confidential.**

1. How did you learn about us?

_____ Advertisement

_____ Friend

_____ Catalog

_____ Card Deck

_____ Website

_____ Other:

2. Which of the following magazines do you subscribe to?

_____ Cabinet Maker

_____ Popular Mechanics

_____ Today's Homeowner

_____ Family Handyman

_____ Popular Science

_____ Wood

_____ Hand Loader

_____ Popular Woodworking

_____ Wooden Boat

_____ Handy

_____ Practical Homeowner

_____ Woodshop News

_____ Home Shop Machinist

_____ Precision Shooter

_____ Woodsmith

_____ Journal of Light Cont.

_____ Projects in Metal

_____ Woodwork

_____ Live Steam

_____ RC Modeler

_____ Woodworker West

_____ Model Airplane News

_____ Rifle

_____ Woodworker's Journal

_____ Modeltec

_____ Shop Notes

_____ Other:

_____ Old House Journal

_____ Shotgun News

3. What is your annual household income?

_____ \$20,000-\$29,000

_____ \$30,000-\$39,000

_____ \$40,000-\$49,000

_____ \$50,000-\$59,000

_____ \$60,000-\$69,000

_____ \$70,000+

4. What is your age group?

_____ 20-29

_____ 30-39

_____ 40-49

_____ 50-59

_____ 60-69

_____ 70+

5. How long have you been a woodworker/metalworker?

_____ 0-2 Years

_____ 2-8 Years

_____ 8-20 Years

_____ 20+ Years

6. How many of your machines or tools are Grizzly?

_____ 0-2

_____ 3-5

_____ 6-9

_____ 10+

7. Do you think your machine represents a good value?

_____ Yes

_____ No

8. Would you recommend Grizzly Industrial to a friend?

_____ Yes

_____ No

9. Would you allow us to use your name as a reference for Grizzly customers in your area?

Note: We never use names more than 3 times.

_____ Yes

_____ No

10. Comments: _____

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BELLINGHAM, WA 98227-2069



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