RIKON
POWER TOOLS

62-400

Air Filtration System 400CFM

4005867

Operator's Manual

Record the serial number and date of purchase in your manual for future reference.

Serial number: _____ **Date of purchase:** _____

For technical support of parts questions, email techsupport@rikontools.com or call toll free at (877)884-5167

Table of Contents

Specifications

Model Number	62-400
Motor	1/6HP, 120V, 60Hz
Controls	Manual or Remote Control
Number of Speeds	3
Air Flow (CFM)	300,350,400
Filtration (Micron)	5 Micron Outer/1 Micron Inner
Volume	20'x20'x8' 7 Times Per Hour
Filtration Timing	Auto Off: 1HR,2HR,4HR
Impeller	Squirrel Cage
Sound Level @ 3Ft	50-60dB
Power Cord	18AWG, 6 Feet
Overall Dimensions	20-1/4" L x 17-1/4" W x 10-1/4" H
Net Weight	31Lbs

This owner's manual is not a teaching aid and is intended to show assembly, adjustments, and general use.

SAVE THESE INSTRUCTIONS.

Refer to them often.

NOTE: The specifications, photographs, drawings and information in this manual represent the current model when the manual was prepared. Changes and improvements may be made at any time, with no obligation on the part of Rikon Power Tools to modify previously delivered units. Reasonable care has been taken to ensure that the information in this manual is correct, to provide you with the guidelines for the proper safety, assembly and operation of this machine.

Safety Symbols

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate the danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

Symbol	Name	Designation / Explanation
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
∿	Alternating current	Type of current
⎓	Direct current	Type of characteristic of current
n_o	No-load speed	Rotational speed at no load
⧈	Class II construction	Double insulated construction
.../min	Per minute	Revolutions, strokes, surface speed orbits, etc., per minute
	Wear safety goggles	**⚠ WARNING:** The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full-face shield when needed. We recommend a Wide Vision Safety Mask for use over eye-glasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

⚠ WARNING: To ensure safety and reliability, all repairs should be performed by a qualified service technician.

⚠ WARNING: Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as "DANGER," "WARNING," and "CAUTION" before using this tool. Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING

SAFETY ALERT SYMBOL: Indicates DANGER, WARNING, OR CAUTION. May be used in conjunction with other symbols or pictographs.

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

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

⚠ CAUTION: Indicates a potentially hazardous situation, which, if not avoided, could result in minor or moderate injury.

NOTICE: (Without Safety Alert Symbol) Indicates a situation that may result in property damage.

THIS SYMBOL DESIGNATES THAT THIS TOOL IS LISTED BY THE INTERTEK TESTING SERVICES, TO UNITED STATES AND CANADIAN STANDARDS

Safety Instructions

IMPORTANT! Safety is the single most important consideration in the operation of this equipment. **The following instructions must be followed at all times.**

There are certain applications for which this tool was designed. We strongly recommend that this tool not be modified and/or used for any other application other than that for which it was designed. If you have any questions about its application, do not use the tool until you have contacted us and we have advised you.

GENERAL SAFETY

KNOW YOUR POWER TOOL. Read the owner's manual carefully. Learn the tool's applications, work capabilities, and its specific potential hazards.

BEFORE USING THE AIR FILTRATION SYSTEM

To avoid serious injury and damage to the tool, read and follow all of the Safety and Operating Instructions before operating the machine.

1. Some dust created by using power tools 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.

2. **READ** the entire Owner's Manual. **LEARN** how to use the tool for its intended applications.

3. **GROUND ALL TOOLS.** If the tool is supplied with a 3-prong plug, it must be plugged into a 3-contact electrical receptacle. The 3rd prong is used to ground the tool and provide protection against accidental electric shock. **DO NOT** remove the 3rd prong. See Grounding Instructions on page 6.

4. **AVOID A DANGEROUS WORKING ENVIRONMENT. DO NOT** use electrical tools in a damp environment or expose them to rain.

5. **DO NOT** use electrical tools in the presence of flammable liquids or gasses.

6. **ALWAYS** keep the work area clean, well lit, and organized. **DO NOT** work in an environment with floor surfaces that are slippery from debris, grease, and wax.

7. **KEEP VISITORS AND CHILDREN AWAY. DO NOT** permit people to be in the immediate work area, especially when the electrical tool is operating.

8. **DO NOT FORCE THE TOOL** to perform an operation for which it was not designed. It will do a safer and higher quality job by only performing operations for which the tool was intended.

9. **WEAR PROPER CLOTHING. DO NOT** wear loose clothing, gloves, neckties, or jewelry. These items can get caught in the machine during operations and pull the operator into the moving parts. The user must wear a protective cover on their hair, if the hair is long, to prevent it from contacting any moving parts.

10. **CHILDPROOF THE WORKSHOP AREA** by removing switch keys, unplugging tools from the electrical receptacles, and using padlocks.

11. **ALWAYS UNPLUG THE TOOL FROM THE ELECTRICAL RECEPTACLE** when making adjustments, changing parts or performing any maintenance.

12. **KEEP PROTECTIVE GUARDS IN PLACE AND IN WORKING ORDER.**

13. **AVOID ACCIDENTAL STARTING.** Make sure that the power switch is in the "OFF" position before plugging in the power cord to the electrical receptacle.

14. **REMOVE ALL MAINTENANCE TOOLS** from the immediate area prior to turning "ON" the machine.

15. **USE ONLY RECOMMENDED ACCESSORIES.** Use of incorrect or improper accessories could cause serious injury to the operator and cause damage to the tool. If in doubt, check the instruction manual that comes with that particular accessory.

Safety Instructions

16. **NEVER LEAVE A RUNNING TOOL UNATTENDED.** Turn the power switch to the "OFF" position. **DO NOT** leave the tool until it has come to a complete stop.

17. **DO NOT STAND ON A TOOL.** Serious injury could result if the tool tips over, or you accidentally contact the tool.

18. **DO NOT** store anything above or near the tool where anyone might try to stand on the tool to reach it.

19. **MAINTAIN YOUR BALANCE. DO NOT** extend yourself over the tool. Wear oil resistant rubber soled shoes. Keep floor clear of debris, grease, and wax.

20. **MAINTAIN TOOLS WITH CARE.** Always keep tools clean and in good working order. Keep all blades and tool bits sharp, dress grinding wheels and change other abrasive accessories when worn.

21. **EACH AND EVERY TIME, CHECK FOR DAMAGED PARTS PRIOR TO USING THE TOOL.** Carefully check all guards to see that they operate properly, are not damaged, and perform their intended functions. Check for alignment, binding or breaking of moving parts. A guard or other part that is damaged should be immediately repaired or replaced.

22. **DO NOT OPERATE TOOL WHILE TIRED, OR UNDER THE INFLUENCE OF DRUGS, MEDICATION OR ALCOHOL.**

23. **SECURE ALL WORK.** Use clamps or jigs to secure the workpiece. This is safer than attempting to hold the workpiece with your hands.

24. **STAY ALERT, WATCH WHAT YOU ARE DOING, AND USE COMMON SENSE WHEN OPERATING A POWER TOOL.** A moment of inattention while operating power tools may result in serious personal injury.

25. **ALWAYS WEAR A DUST MASK TO PREVENT INHALING DANGEROUS DUST OR AIRBORNE PARTICLES,** including wood dust, crystalline silica dust and asbestos dust. Direct particles away from face and body. Always operate tool in well ventilated area and provide for proper dust removal. Use dust collection system wherever possible. Exposure to the dust may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with dust. Allowing dust to get into your mouth or eyes, or lay on your skin may promote absorption of harmful material. Always use properly fitting NIOSH/OSHA approved respiratory protection appropriate for the dust exposure, and wash exposed areas with soap and water.

26. **USE A PROPER EXTENSION CORD IN GOOD CONDITION.** When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. The table on page 6 shows the correct size to use depending on cord length and nameplate amperage rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the larger diameter of the extension cord. If in doubt of the proper size of an extension cord, use a shorter and thicker cord. An undersized cord will cause adrop in line voltage resulting in a loss of power and overheating. **USE ONLY A 3-WIRE EXTENSION CORD THAT HAS A 3-PRONG GROUNDING PLUG AND A 3-POLE RECEPTACLE THATACCEPTS THE TOOL'S PLUG.**

27. **ADDITIONAL INFORMATION** regarding the safe and proper operation of this product is available from:

- Power Tool Institute
  1300 Summer Avenue
  Cleveland, OH 44115-2851
  www.powertoolinstitute.org

- National Safety Council
  1121 Spring Lake Drive
  Itasca, IL 60143-3201
  www.nsc.org

- American National Standards Institute
  25 West 43rd Street, 4th Floor
  New York, NY 10036
  www.ansi.org

- ANSI 01.1 Safety Requirements for
  Woodworking Machines and the
  U.S. Department of Labor regulations
  www.osha.gov

28. **SAVE THESE INSTRUCTIONS.** Refer to them frequently and use them to instruct others.

ELECTRICAL SAFETY

⚠ WARNING:

THIS TOOL MUST BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRIC SHOCK.

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electric current and reduces the risk of electric shock. This tool is equipped with an electric cord that has an equipment grounding conductor and a grounding plug. The plug **MUST** be plugged into a matching electrical receptacle that is properly installed and grounded in accordance with **ALL** local codes and ordinances.

ELECTRICAL SAFETY (Continued from Pg.5)

DO NOT MODIFY THE PLUG PROVIDED.
If it will not fit the electrical receptacle, have the proper electrical receptacle installed by a qualified electrician.

IMPROPER ELECTRICAL CONNECTION of the equipment grounding conductor can result in risk of electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding conductor. **DO NOT** connect the equipment grounding conductor to a live terminal if repair or replacement of the electric cord or plug is necessary.

CHECK with a qualified electrician or service personnel if you do not completely understand the grounding instructions, or if you are not sure the tool is properly grounded.

USE ONLY A 3-WIRE EXTENSION CORD THAT HAS A 3-PRONG GROUNDING PLUG AND A 3-POLE RECEPTACLE THAT ACCEPTS THE TOOL'S PLUG. REPLACE A DAMAGED OR WORN CORD IMMEDIATELY.

This tool is intended for use on a circuit that has an electrical receptacle as shown in **FIGURE 1. FIGURE 1** shows a 3-wire electrical plug and electrical receptacle that has a grounding conductor. If a properly grounded electrical receptacle is not available, an adapter as shown in **FIGURE 2** can be used to temporarily connect this plug to a 2-contact ungrounded receptacle. The adapter has a rigid lug extending from it that **MUST** be connected to a permanent earth ground, such as a properly grounded receptacle box. **THIS ADAPTER IS PROHIBITED IN CANADA.**

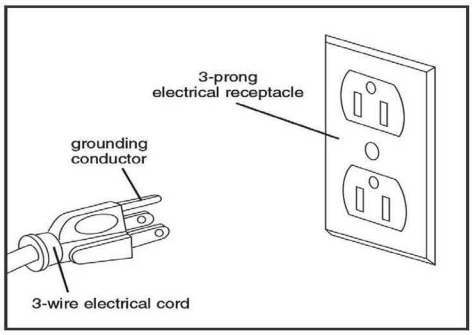


Figure 1

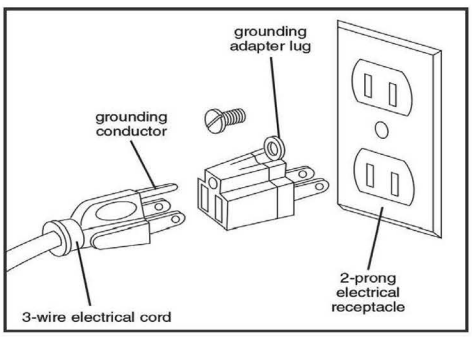


Figure 2

EXTENSION CORDS

⚠ WARNING: Keep the extension cord clear of the working area. Position the cord so that it will not get caught on lumber, tools or other obstructions while you are working with a power tool.

⚠ WARNING: Check extension cords before each use. If damaged replace immediately. Never use a tool with a damaged cord, since touching the damaged area could cause electrical shock, resulting in serious injury.

Use a proper extension cord. Only use cords listed by Underwriters Laboratories (UL). Other extension cords can cause a drop in line voltage, resulting in a loss of power and overheating of tool. When operating a power tool outdoors, use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

MINIMUM RECOMMENDED GAUGE FOR EXTENSION CORDS (AWG)				
120 VOLT OPERATION ONLY				
	25' LONG	50' LONG	100' LONG	150' LONG
0 to 6 Amps	18 AWG	16 AWG	16 AWG	14 AWG
6 to 10 Amps	18 AWG	16 AWG	14 AWG	12 AWG
10 to 12 Amps	16 AWG	16 AWG	14 AWG	12 AWG

Safety Instructions

SPECIFIC SAFETY INSTRUCTIONS FOR AIR FILTRATION SYSTEMS

1. Do not operate this machine until you have read all of the following instructions.
2. Do not attempt to operate this machine until it is completely assembled.
3. Do not turn ON this machine if any pieces are missing.
4. If you are not familiar with the operation of the machine, obtain assistance from a qualified person.
5. Make sure that the System is secured in a horizontal position if hanging from the ceiling or positioned on a work surface.
6. Do not place System near an open ignition source - open flames, pilot lights, or grinding areas producing sparks.
7. Do not expose System to to rain or dampness.
8. Use System for filtering wood dust only. Not for use filtering sheet rock dust, silica, lead paint dust, asbestos, biohazards, smoke, toxic fumes, spray paint or flammable liquids.
9. Do not use without filters in place.
10. Never duct a machine directly into the air filtration system.
11. Do not leave the System running unattended.
12. Always make sure the power switch is in the OFF position prior to plugging in the machine.
13. Always, disconnect (unplug) and make sure the power switch is in the OFF position when doing any assembly, setup, or when cleaning or changing filters.
14. Always wear a dust mask when cleaning or working near an air flitration system.
15. This machine must be properly grounded.
16. Always keep your face and hands clear of moving parts such as impellors and fans.

Contents of Package

Unpacking and Checking Contents

Carefully unpack your air filtration system from its carton and check to see that you have all of the following items. If any parts are missing or broken, please call RIKON Customer Service (877-884-5167) as soon as possible for replacements. Do not turn your machine ON if any of these items are missing. You may cause injury to yourself or damage to your machine.

A

B

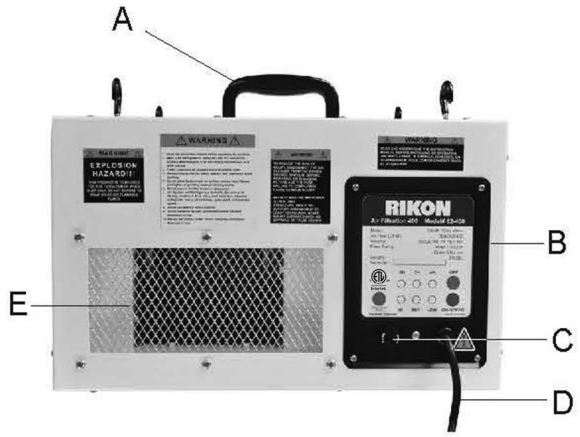
C

D

E

A . Air Filtration Unit
B . Remote Device
C . Hardware Bag
D . Manual
E . Warranty Card

Getting to Know Your Air Filtration System



Item Description

A. Carrying Handle
B. Control Panel/Receiver
C. Fuse
D. Power Cord
E. Outlet

Item Description

F. Outer Filter (1), Inner Filter (1)
G. Remote Control
H. Hanging Chains (4)
I. Hangers and Locknuts (4)
J. Wood Screw Hooks (4)

Assembly

The machine must not be plugged in and the power switch must be in the OFF position until assembly is complete.

Tools Required for Assembly

Item	Description
	#2 Phillips Screwdriver
	10mm Wrench

Unpacking and Clean-up

1. Carefully finish removing all contents from shipping carton. Compare contents of the shipping carton with the list of contents above. Place parts on a protected surface.
2. Report any shipping damage to your local distributor.
3. Clean all rust protected surfaces. **Do not use**; gasoline, paint thinner, mineral spirits, etc. These may damage painted surfaces.
4. Set packing material and shipping carton to the side. **Do not discard** until machine has been set up and is running properly.

Assembly

The air filter is designed to circulate air and filter wood and other non-metallic dust. The unit requires only minimal assembly. However, it is important to consider how and where to place the unit in your shop. When selecting a site, make sure there is a suitable power source.

Air Filtration System Placement:

The ideal location for an air filtration system is centered in the shop ceiling, mounted approximately 7-8 feet in the air away from corners, tall cabinets or heating/cooling vents that would restrict air flow. Another good location is above an area where a lot af sanding is done. Example; if you do lathe work and have a sanding center nearby, hang the air filtration unit between both areas. Depending on your shop size, you may need more than one air filtration system, or may have to choose a larger size.

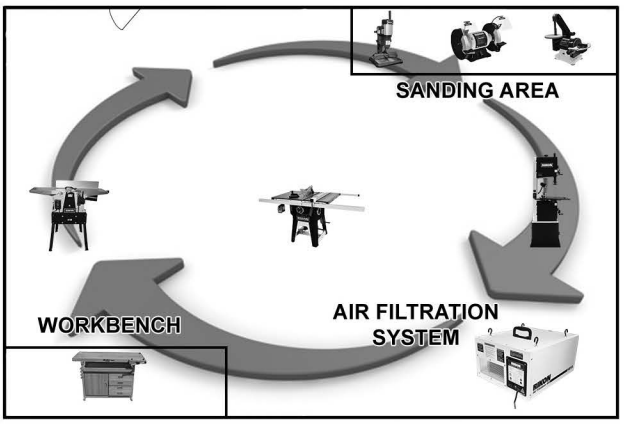


Fig.03

If hanging the unit is not an option, it can be mounted on a bench. Again, near an area that produces the most dust. The air filtration unit has 4 rubber feet installed for this purpose.

NOTE: Before installing the Air Filtration System in a ceiling location, test run the unit to make sure that it runs properly.

Ceiling Placement (Fig.03)

1. Thread the locknuts (A) almost all the way up the hangers (B).

2. Thread a hanger into each of the four mounting holes (C) on the top of the air filter cabinet.

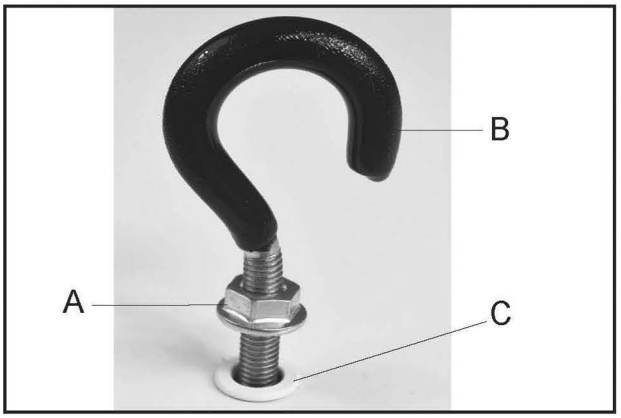


Fig.04

Hanger Installation (Fig.04)

3. Tighten each locknut against the cabinet top (A), securing the hanger in place. Hold the hanger so that it does not spin while tightening the locknut.

Fig.05

Hanger Installation (Fig.05)

NOTICE: Make sure the unit will be situated at least 7' (2.1 m) above the floor and at least 3' (1 m) away from a corner and from any heating or air vents.

Assembly

Ceiling placement (Fig.06)

4. Install the wood screw hooks (D) into the building's wooden ceiling joists (E). Do not mount the air filter to non-structural surfaces such as dry wall or false ceiling grids. The hooks are rated for this air filter system, and can support a maximum of 100 lbs (45 kg).

5. Place a chain (F) on each ceiling hook (D).

6. Attach the hangers (B) on each chain (F).

7. Make sure the unit is level horizontally, and is at least 7' (2.1 m) above the floor. If it is not, remove the air filter and adjust the length of the chain as needed. Then remount the unit.

8. Plug the air filter's power cord directly into a grounded power source.

⚠ WARNING ⚠

Mounts must be anchored to building structure, which will support a minimum of at least 100 pounds. Never mount to surfaces such as dry wall or false ceiling grids, etc.

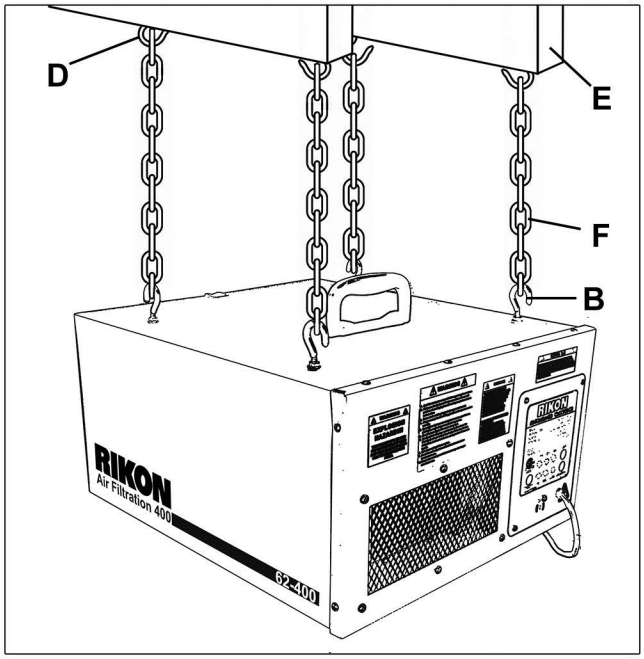


Fig.06

Operation

The air filter can be operated directly using the control panel or with the remote control. Note: The remote control and control panel must be in direct view of each other for the infrared signals to work.

Turn on the air filter and speed setting (Fig.07 and 08)

1. Plug the power cord into an appropriate grounded power source.

2. Press the ON/SPEED button (A) on the control panel or the remote control to power on the air filter. The air filter will be running at low speed. The LOW LED will light, indicating that the unit has been worked at low speed.

(Continued on Pg.11)

Fig.07

(Continued from Pg.10)

3. Press the ON/SPEED button (A) again to change the speed. The LEDs (B) next to the ON/SPEED button on the control panel will indicate the selected speed - Low, Medium, or High.

Set the timer (Fig.08 &09)

A timer allows you to set the length of time (1, 2, 4 hours and clear the timer) that the air filter will operate before shutting off automatically. The timer can be set ONLY with the remote control.

1. Press the TIME button (C) on the remote control (Fig.09) to start the timer.

2. Press the TIME button (C) on the remote control again to set the length of operation. The LEDs (D) on the control panel indicate the amount of time selected - 1 hour, 2 hours, 4 hours, and to clear the timer.

Note: the unit will shut off automatically after the selected time interval elapses. When you choose 'clear the timer', the air filter will keep running until you turn it off.

Turn off the Air Filter

To turn off the Air Filter, press the OFF button (E) on the control or on the remote control.

Manual Control (Fig.08)

The air filtration system can also be operated manually. The control panel, located at the rear of the unit, has the same functions as the remote control above:

- ON button (A)
- SPEED button (A)
- OFF button (E)

The timer can be set ONLY with the remote control. Fig.09, (C).

Fig.08

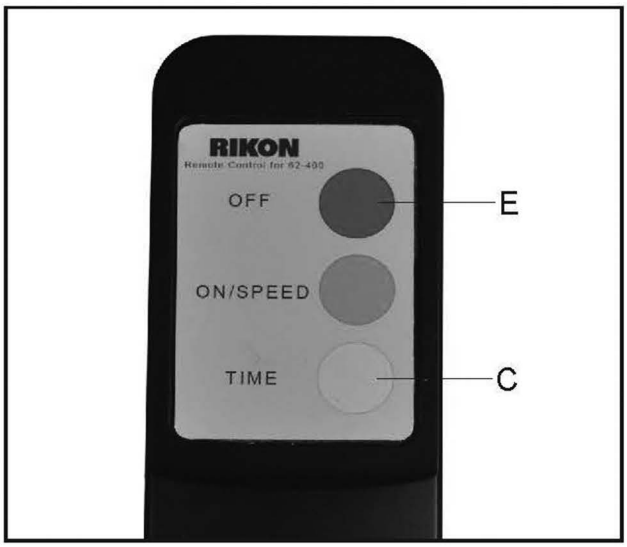


Fig.09

Maintenance

Changing the Filters

WARNING

To reduce the risk of injury disconnect the air cleaner from the power source (unplug) before servicing or changing filters and fuses. Failure to comply may cause serious injury!

Change the filters (Fig.10 and 11)

NOTE: Care should be taken when handling soiled or contaminated filters. As certain fine dusts can be harmful. Always wear a suitable mask for additional protection.

Check the inner and outer filters periodically, depending on the amount of use, and change the filters when needed. Clogged filters will reduce the amount of air circulating through the filter.

1. Lift up the two clips Fig.10, (A) on the top and bottom of the cabinet rear, and remove the outer filter Fig.11, (B) from the cabinet housing.

2. Pull the inner filter Fig.11, (C) out of the cabinet.

3. Install a new inner filter. Make sure the filter bags point inwards into the cabinet. Note: The inner filter can be blown out with air, or washed out to extend its life. Make sure that a washed out filter is completely dry before re-installing it in the cabinet.

4. Install a new outer filter. The arrow on the outside of the filter indicates the proper direction to insert the filter into the cabinet. Fig.11, (D)

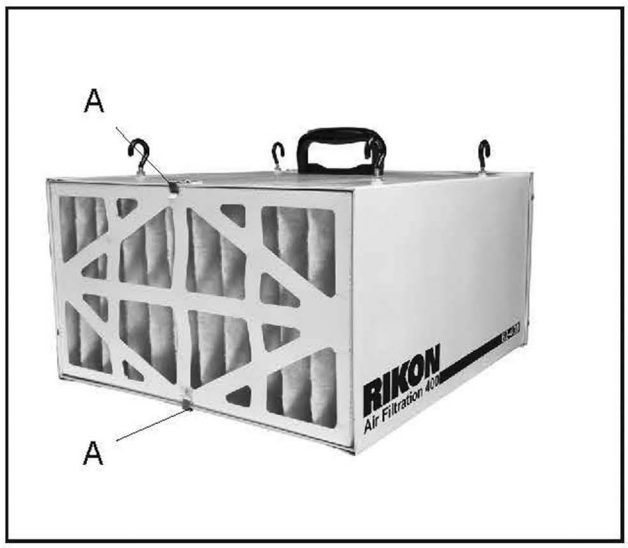


Fig.10

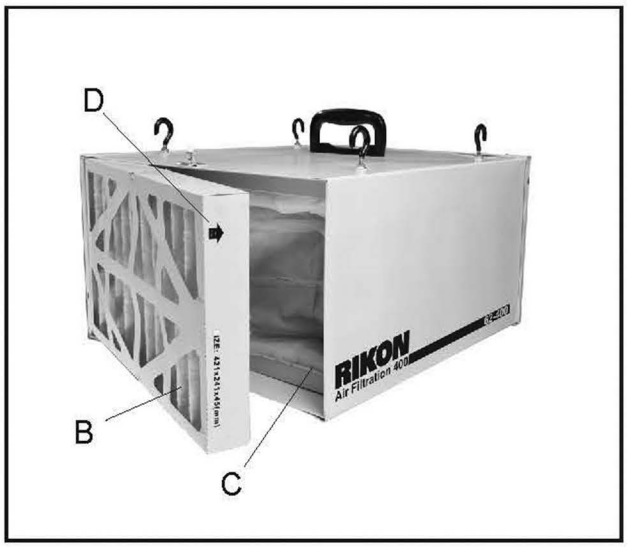


Fig.11

Maintenance

Check and replace the fuse (Fig. 12)

1. Should it be necessary to replace a blown fuse resulting from a thermal overload. Using a Phillips head screwdriver turn the fuse cap Fig.12, (A) counterclockwise to remove it. Pull the fuse away from the control panel.

2. Insert a new fuse (2 Amps, 240V) (B) in the fuse cap and put it into the control panel. Turn the fuse cap clockwise to re-install it in the panel.

Replace the batteries in the remote control (Fig. 13)

1. Open the rear battery compartment panel on the remote control.

2. Remove the old batteries.

3. Install 2 new “AA” batteries according to the picture shown inside of the battery compartment.

4. Close the battery compartment.

Fig.12

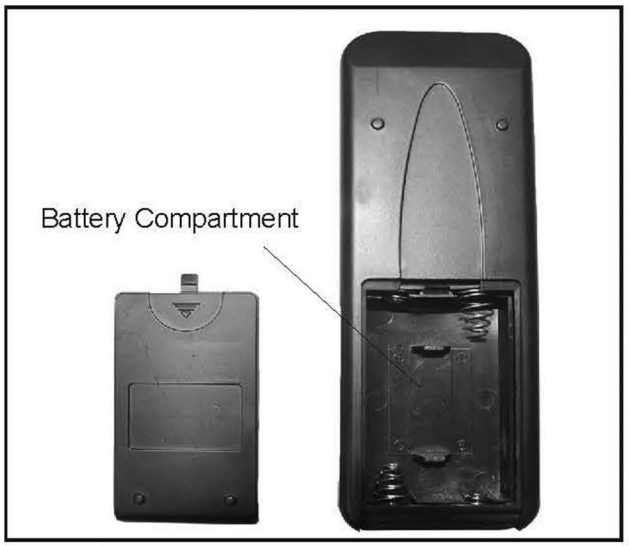


Fig.13

Notes

Use this section to record maintenance, service and any calls to Technical Support.

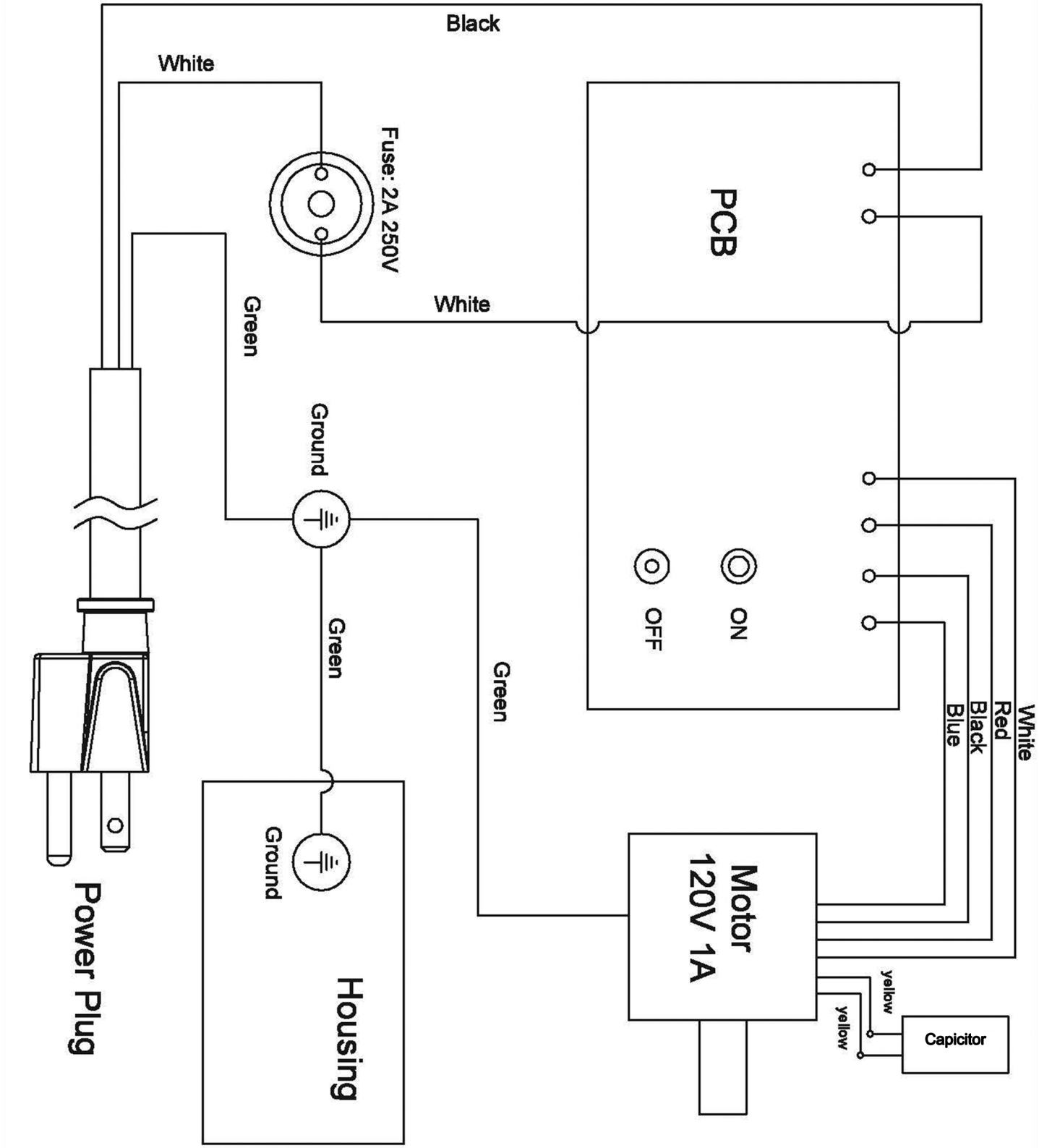
Troubleshooting

TO PREVENT INJURY TO YOURSELF or damage to the Air Filtration System, turn the switch to the machine "OFF" and unplug the power cord from the electrical receptacle before making any adjustments.

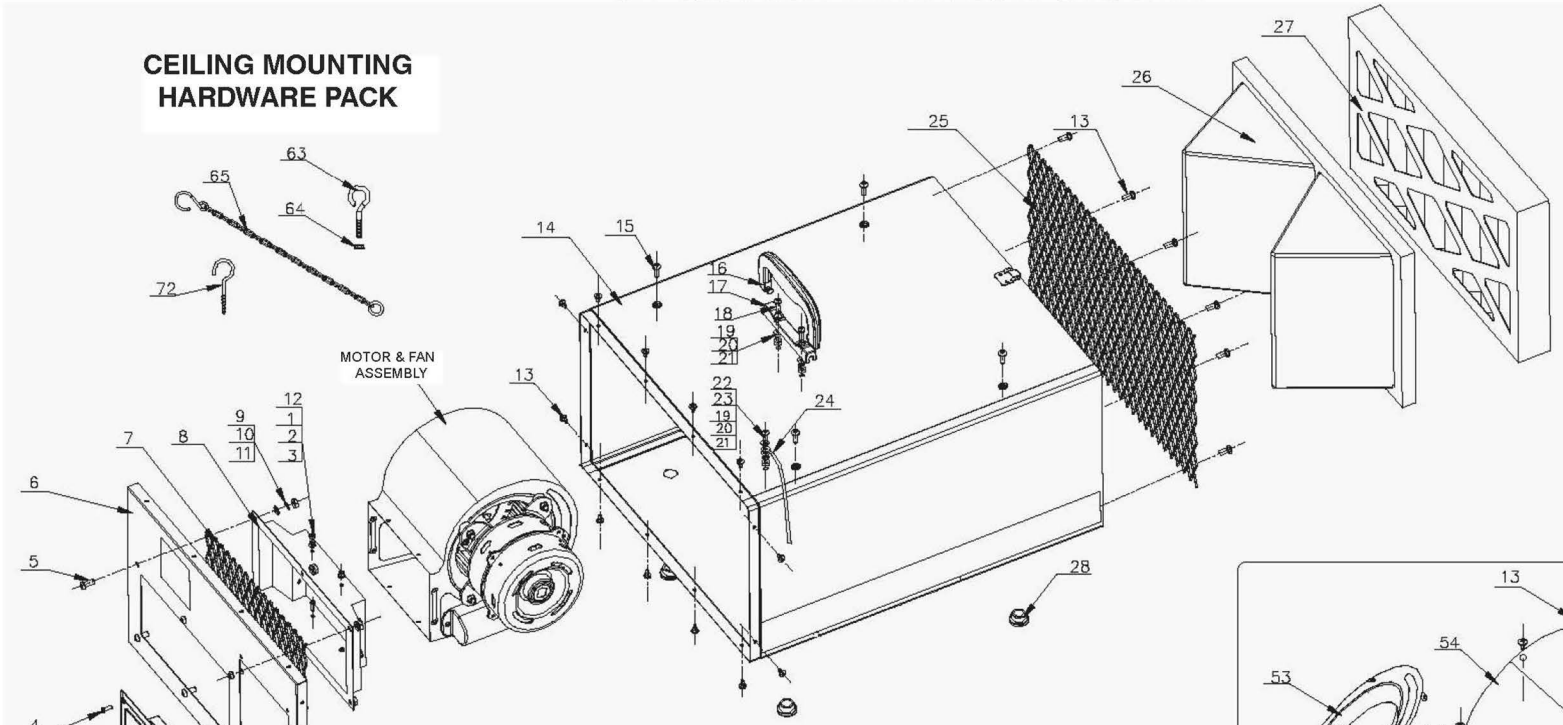
PROBLEM	LIKELY CAUSE(S)	SOLUTION(S)
Motor does not run	1. Machine not plugged in 2. Power switch in "OFF" position 3. Power switch or cord is faulty 4. Fuse or circuit breaker are open 5. Remote control is not working 6. Remote control batteries are dead 7. Infared receiver is not working 8. Control panel ON/OFF button is not working 9. Control panel fuse is blown 10. Motor does not work	1. Plug power cord into electrical receptacle 2. Lift switch to "ON" postion 3. Replace switch or power cord 4. Overloaded electrical circuit 5. Point remote control directly at control panel -Make sure infared sensor on the control panel is not blocked -Move remote control closer to the control panel for better direct infared signal 6. Replace batteries. See page 13 for instruction 7. Inspect or replace control panel circuit board 8. Inspect or replace control panel circuit board 9. Replace blown fuse, see page 13 for instruction 10. Replace motor
Motor stalls or does not have full power	1. Incorrect line voltage 2. Motor capacitor has failed 3. Control panel circuit board has failed	1. Have a qualified electrican check circuit for proper voltage 2. Replace motor capacitor 3. Inspect or replace control panel circuit board
System has vibration or is noisy	1. Motor or cabinet part is loose 2. Motor fan is rubbing cover 3. Motor bearings are loud 4. Air filters rattle 5. Impeller fan is loose, unbalanced or damaged 6. Motor base is loose in the cabinet	1. Inspect all hardware and retighten or replace 2. Check position of fan and cover Adjust or replace loose/damaged part 3. Rotate motor shaft to isolate the issue Replace worn bearings 4. Inspect and reposition filters 5. Turn machine off and unplug from power. -Inspect impeller for bent or damaged areas. -Secure impeller on motor shaft and replace if any damage is found 6. Tighten any loose fasteners
Poor air flow and dust collection	1. Filters are dirty 2. Poor system location in shop	1. Clean or replace both air filters frequently. See page 12 2. Reposition system in the shop for best air circulation. Refer page 9 for proper air filtration system placement

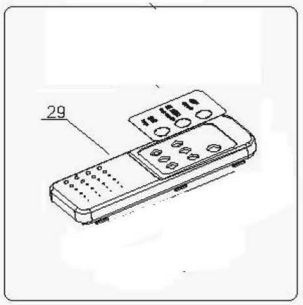
Wiring Diagram

WARNING: This machine must be grounded. Replacement of the power supply cable should only be done by a qualified electrician.

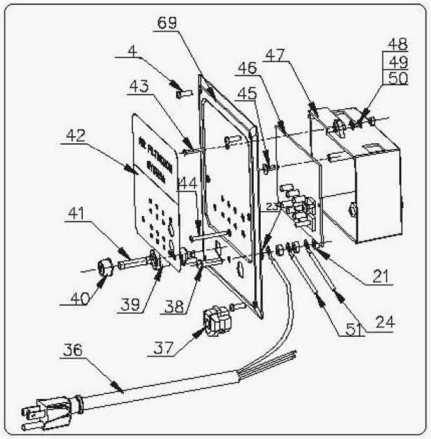


62-400 AIR FILTRATION SYSTEM

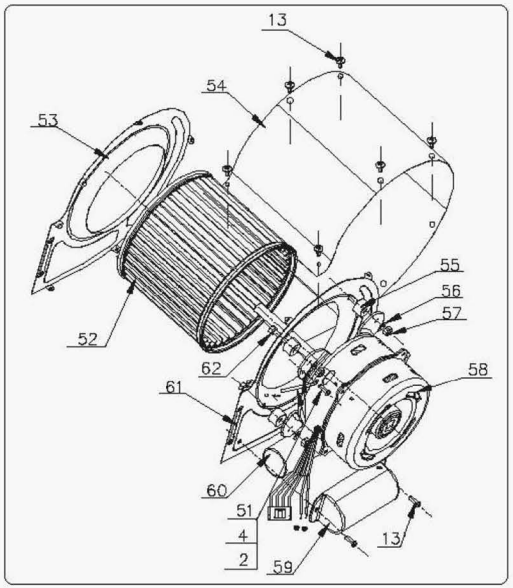




REMOTE CONTROL UNIT



CONTROL PANEL ASSEMBLY



MOTOR & FAN ASSEMBLY

Key No.	Description	QTY	MFG. PART NO.
1	Hex Nut 4mm	9	P62-400-1
2	Flat Washer 4mm	10	P62-400-2
3	Lock Washer 4mm	9	P62-400-3
4	Phillips Head Screw M4X12	5	P62-400-4
5	Phillips Head Screw M6X16	6	P62-400-5
6	Cabinet Back Cover	1	P62-400-6
7	Wire Mesh	1	P62-400-7
8	Air Guide	1	P62-400-8
9	Phillips Head Hex Nut 6mm	6	P62-400-9
10	Flat Washer 6mm	6	P62-400-10
11	Lock Washer 6mm	6	P62-400-11
12	Phillips Head Screw M4X12	8	P62-400-12
13	Phillips Head Tapping Screw ST4X10	34	P62-400-13
14	Cabinet	1	P62-400-14
15	Phillips Head Screw M6X12	4	P62-400-15
16	Carrying Handle	1	P62-400-16
17	Handle Bracket	1	P62-400-17
18	Phillips Head Screw M5X16	2	P62-400-18
19	Flat Washer 5mm	3	P62-400-19
20	Lock Washer 5mm	3	P62-400-20
21	Hex Nut 5mm	4	P62-400-21
22	Phillips Head Screw M5X12	1	P62-400-22
23	Lock Washer 5mm	1	P62-400-23
24	Grounding Wire	1	P62-400-24
25	Wire Mesh	1	P62-400-25
26	Inner Filter	1	P62-400-26
27	Outer Filter	1	P62-400-27
28	Rubber Foot	4	P62-400-28
29	Remote Control Unit	1	P62-400-29
30	Power Cord	1	P62-400-36
31	Strain Relief	1	P62-400-37

Key No.	Description	QTY	MFG. PART NO.
38	Phillips Head Screw M5X20	1	P62-400-38
39	Fuse Holder	1	P62-400-39
40	Fuse Cap	1	P62-400-40
41	Fuse (2A)	1	P62-400-41
42	Control Panel Label	1	P62-400-42
43	Phillips Head Screw M3X15	1	P62-400-43
44	Phillips Head Screw M3X30	1	P62-400-44
45	Phillips Head Tapping Screw ST3.2X8	1	P62-400-45
46	Printed Circuit Board	1	P62-400-46
47	Switch Box	1	P62-400-47
48	Flat Washer 3mm	1	P62-400-48
49	Lock Washer 3mm	1	P62-400-49
50	Hex Nut 3mm	1	P62-400-50
51	Wire	1	P62-400-51
52	Impeller/Fan Wheel	1	P62-400-52
53	Fan Housing Cover	1	P62-400-53
54	Fan Housing	1	P62-400-54
55	Rubber Spacer	4	P62-400-55
56	Large Washer 5mm	4	P62-400-56
57	Lock Nut 5mm	4	P62-400-57
58	Motor	1	P62-400-58
59	Capacitor Cover	1	P62-400-59
60	Capacitor	1	P62-400-60
61	Fan Housing Cover	1	P62-400-61
62	Phillips Head Screw M5X25	4	P62-400-62
63	Machine Hook	4	P62-400-63
64	Flange Nut 6mm	4	P62-400-64
65	Chain	4	P62-400-65
69	Switch Box Cover	1	P62-400-69
72	Wood Screw Hook	4	P62-400-72

NOTE: Please reference the Manufacturers Part Number when calling for replacement parts.

RIKON
POWER TOOLS

5-Year Limited Warranty

RIKON Power Tools Inc. (“Seller”) warrants to only the original retail consumer/purchaser of our products that each product be free from defects in materials and workmanship for a period of five (5) years from the date the product was purchased at retail. This warranty may not be transferred.

This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs, alterations, lack of maintenance or normal wear and tear. Under no circumstances will Seller be liable for incidental or consequential damages resulting from defective products. All other warranties, expressed or implied, whether of merchantability, fitness for purpose, or otherwise are expressly disclaimed by Seller. This warranty does not cover products used for commercial, industrial or educational purposes.

This limited warranty does not apply to accessory items such as blades, drill bits, sanding discs, grinding wheels or belts and other related items.

Seller 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.

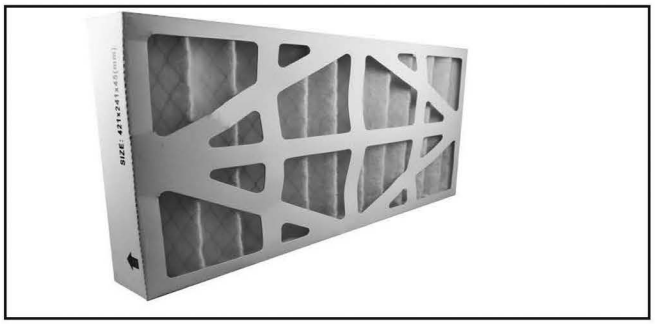
To take advantage of this warranty proof of purchase documentation, which includes date of purchase and an explanation of the complaint, must be provided.

The Seller reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever.

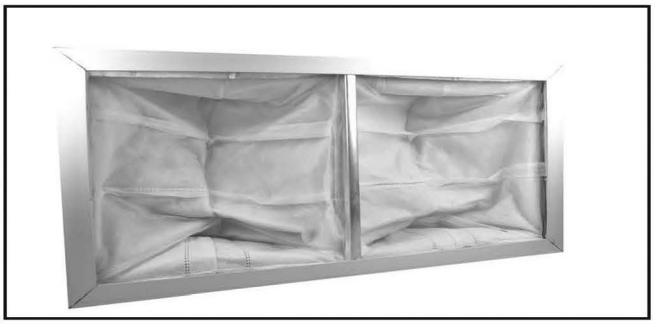
To take advantage of this warranty, please fill out the enclosed warranty card and send it to:
RIKON Warranty
16 Progress Rd.
Billerica, MA 01821

The card must be entirely completed in order for it to be valid. If you have any questions please contact us at 877-884-5167 or warranty@rikontools.com.

Accessories



62-901F Outer Filter



62-902F Inner Filter

Notes

Use this section to record maintenance, service and any calls to Technical Support.

RIKON
POWER TOOLS

62-400

For more information:
16 Progress Rd
Billerica, MA 01821

877-884-5167/978-528-5380
techsupport@rikontools.com