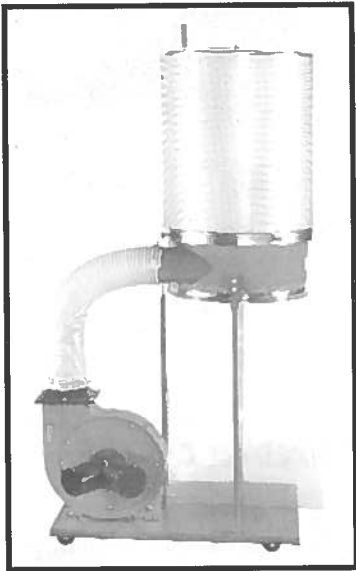


OWNER'S MANUAL

#DC2000X

#DC2000CF

2 HP, 1500 CFM DUST COLLECTOR



Model: #DC2000CF



Model: #DC2000X

PSI Woodworking
PRODUCTS

9900 Global Rd.
Philadelphia, PA 19115

Thank you for purchasing one of PSI's growing family of woodworking products. **#DC2000X** dust collector is engineered and manufactured to the highest standards of quality.

Read this manual carefully before assembly, testing and operation.

WARNING: Do not operate this unit until the PVC hose is installed onto the dust inlet port.

Table of Contents

Safety Instructionspg. 2

Specificationspg.3

Packing and Checking Contentspg.3

Package Contentspg. 3

Assemblypg. 4

Electrical Groundingpg. 11

Parts List & Parts Diagrampg. 12

Safety Instructions for Model #DC2000X Dust Collector

1. Do not vacuum or use this system near flammable or combustible liquids, gases, gasoline or other fuels, cleaners, oil-based paints, natural gas or explosive dust like coal dust, magnesium, grain dust, or gun powder.
2. Do not vacuum anything that is burning or smoking such as cigarettes or hot ashes.
3. Do not vacuum toxic materials or use near hazardous materials.
4. Do not use outdoors or on wet surfaces. - Do not operate with a full waste container.
5. Do not use without the dust filter bag or canister attached.
6. Turn off all controls before unplugging. Do not unplug by pulling on the cord, use the plug.
7. Do not use with damaged cord, plug or other parts. Install only to a properly grounded outlet.
8. Do not wear loose clothing in the area of any inlets due to high suction.
9. If your ducting has only plastic hose or pipe, ground the hose or pipe by wrapping bare copper wire around the exterior surface and grounding the wire at either end.
10. Keep hands free of the spinning impeller.
11. The DC2000 is only warranted and guaranteed for the collection of Wood Dust even though it may be quite suitable for other applications.

Warranty

This product is warranted against defects in material and workmanship for a period of two years for all components. This warranty applies to the original purchaser of the product and is limited to the repair or replacement of the product or its parts at the discretion of PSI Woodworking Products. Excluded are parts which have been misused, abused, altered, or consumed by normal operation of the machine. Also excluded are direct or consequential damages to persons, properties, or materials. Your invoice serves as proof of purchase and must be referenced to authorize warranty repairs. Call your dealer for proper authorization.

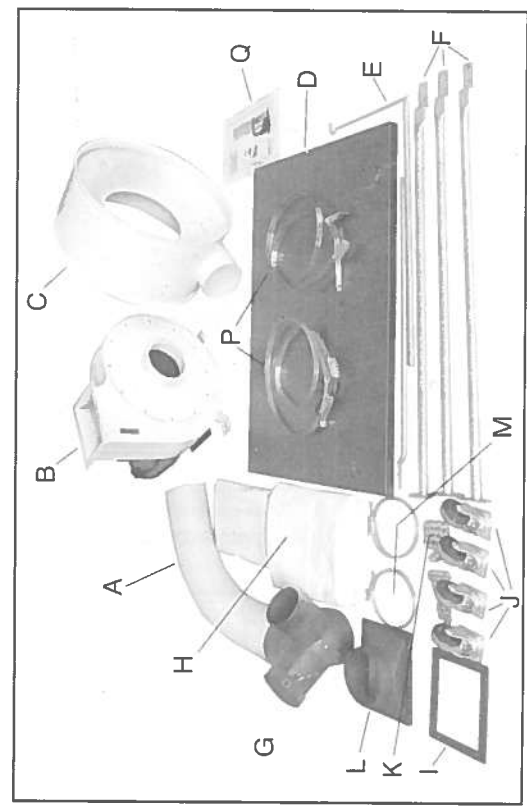
Specifications

| | #DC2000X | #DC2000CF |
|------------------------------|-----------------|------------------|
| Max CFM Free Air | 1500 CFM | 1500 CFM |
| VAC, Max Amps (single phase) | 220V, 9A | 220V, 9A |
| Horse Power | 2 HP | 2 HP |
| Max Static Pressure | 9.5" | 9.5" |
| Impeller Dia. | 12" steel | 12" steel |
| Sound | 65 db | 65 db |
| Weight | 101 lbs. | 125 lbs. |

Package Contents

Unpack carton and check contents with list below.

- A. Hose
- B. Motor Blower Assembly
- C. Collector Rim and Inlet
- D. Base Plate
- E. Upper Bag Support *
- F. Rim Supports
- G. Inlet Wye
- H. 1 Micron Collector Bags*
- I. Packing
- J. 4 Canisters Wheels
- K. Nuts, Screws, Washers, Spring Washers, and Wrench
- L. Outlet Adapter
- M. 2 Hose Clamps
- N. **#DCANISTER2** Filter Canister**
- O. 7 mil Trash Bags - Pkg. of 10**
- P. Collector Bag Clamps(2)
- Q. Instruction Manual



CONTENTS

- * Not used on #DC2000X
- ** Included with #DC2000CF (not shown)

Assembly

the base plate (D) upside down and attach the four casters (J) to the holes, tighten with the wrench and screws (see Fig. 1)

the collector body and fan/motor assembly (B) in place, secure it to the base plate using the screws and washers as shown in Fig. 2

mount the packing (I) and the outlet adapter (L) to the collector body as shown in Fig. 3 and Fig. 4.

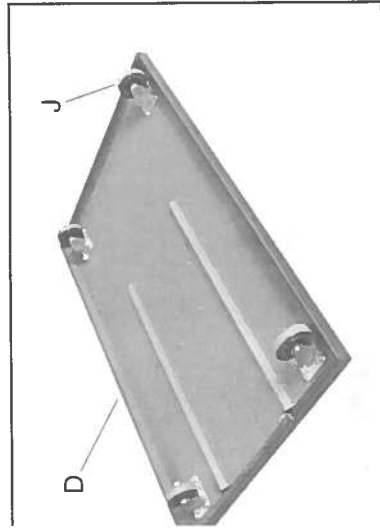


Fig. 1

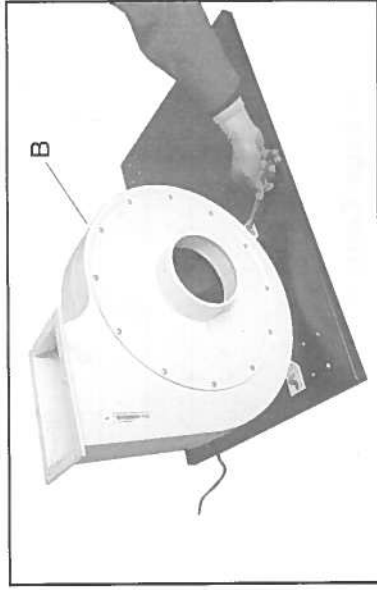


Fig. 2

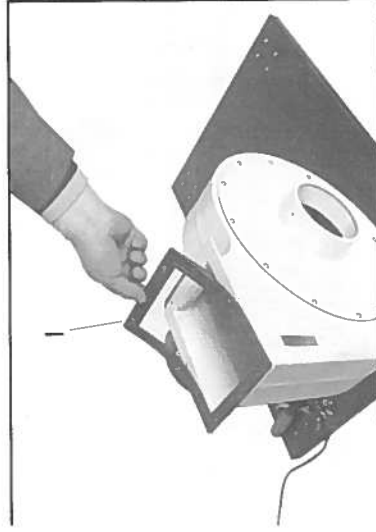


Fig. 3

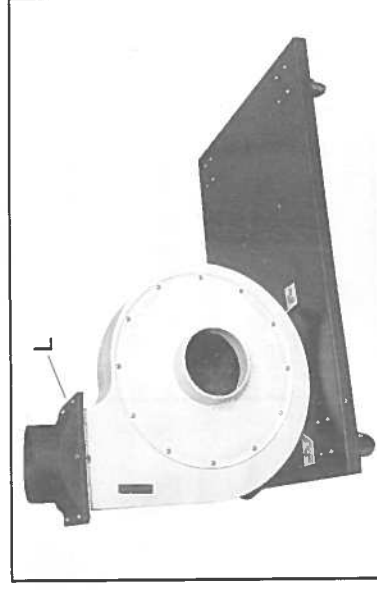


Fig. 4

The collector rim supports (F) can now be mounted to the base plate as shown in Fig. 5 and Fig. 6.

Now attach the collector rim (C) to the two collector supports, making sure the side hole is facing the collector body as shown in Fig. 6.

The upper bag support (E) may now be installed onto the collector as shown in Fig. 7.

NOTE: The upper bag support is not required on the #DC2000CF.

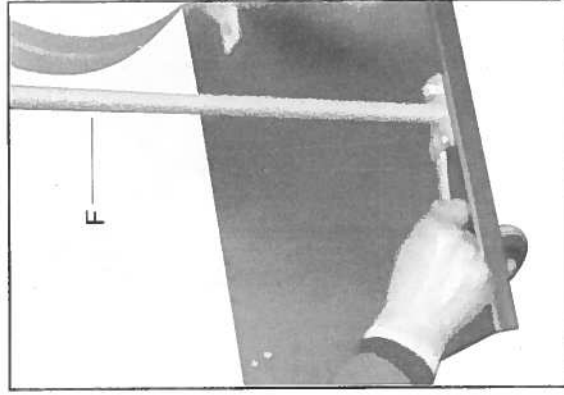


Fig. 5

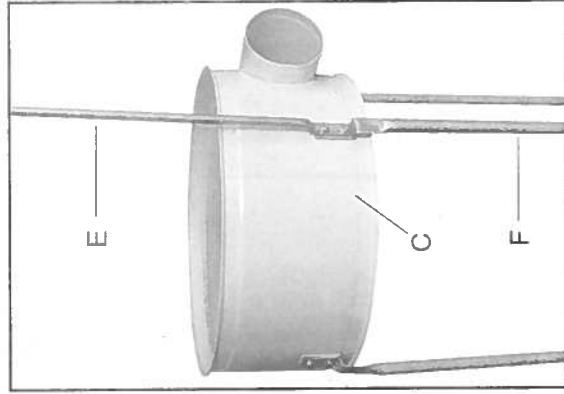


Fig. 6

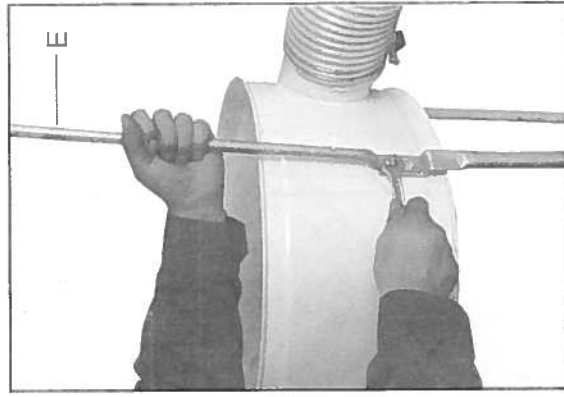


Fig. 7

attach one end of the hose (A) to the outlet (L) and the other end to the side hole of the collector rim and secure with the two hose clamps (M) as shown in Fig. 8, Fig. 9, and Fig. 10.

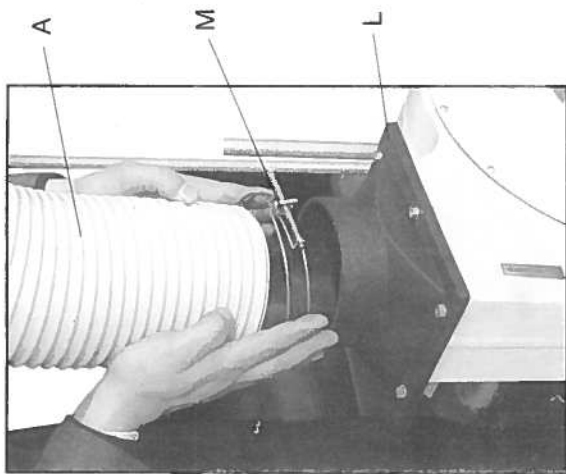


Fig. 8

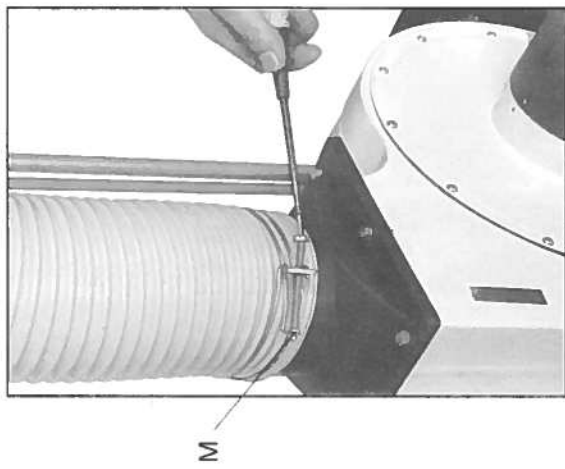


Fig. 9

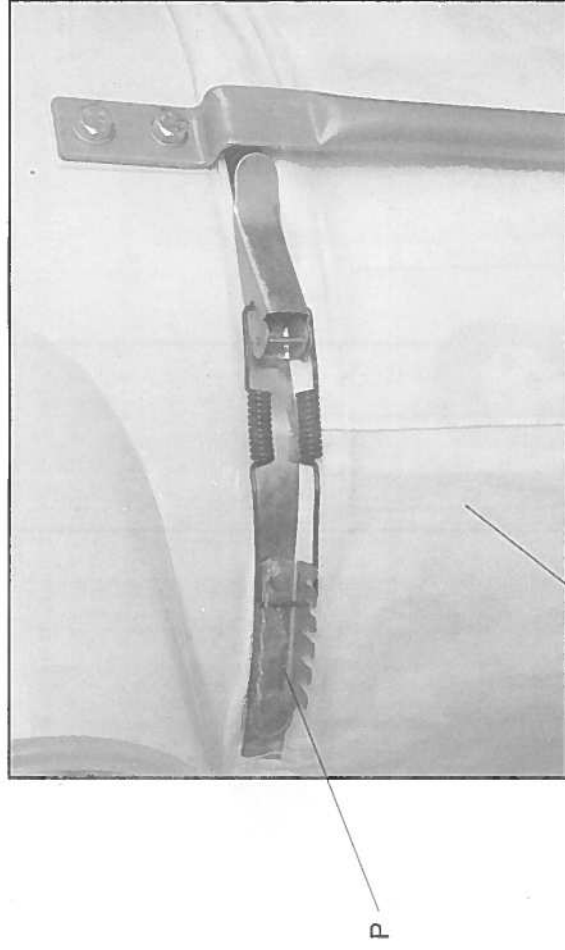
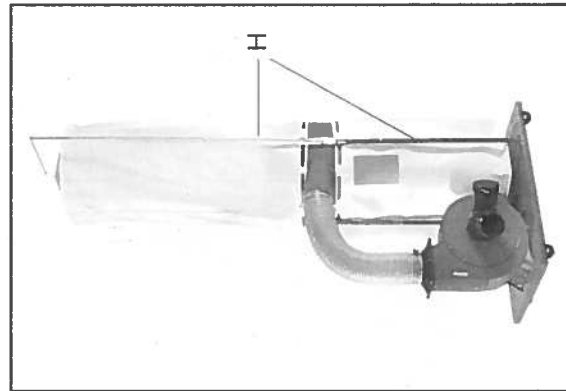


Fig. 11

Your dust collector should now look like the one in Fig. 10. (Model #DC2000X - 1 micron bag model) Place the collector and filter bags (H) onto the collector and secure with the clamp (P) as shown in Fig. 10 and 11.



Model # DC2000X Fig. 10

Electrical Grounding

1. In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This dust collector is equipped with an electric cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.
2. Do not modify the plug provided, if it will not fit the outlet have the proper outlet installed by a qualified electrician.
3. Improper connection of the equipment grounding conductor can result in a risk of electrical shock. The conductor with insulation having an outer surface that is green with or yellow without is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment to a live terminal.
4. Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the dust collector's plug.
5. Repair or replace damaged or worn cords immediately.
6. This tool is intended for use on a 220V circuit that has an outlet that looks like the one illustrated in Fig. A.

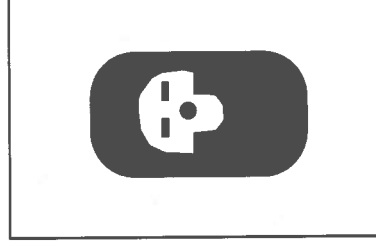


Fig. A

he bags are secure, the upper bag should be hung from the upper bag support as shown in Fig. 12. Let wye (G) can now be placed on the intake hole of the fan/motor assembly as shown in Fig. 14. Dust collector is now ready to be placed into service. Before connecting to a power source, be sure the source is properly grounded (see pg. 11). Also check your voltage and amperage.

#DC2000CF. Place canister on top of rim and attach collection trash bag as shown in Fig.13.

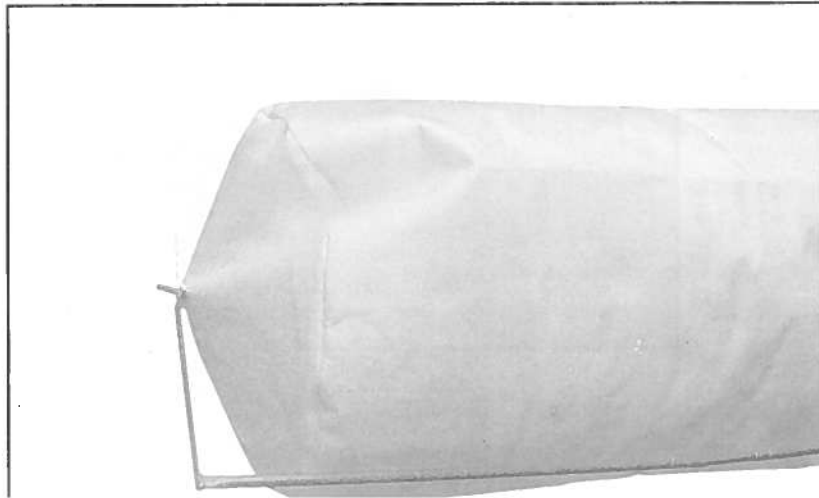
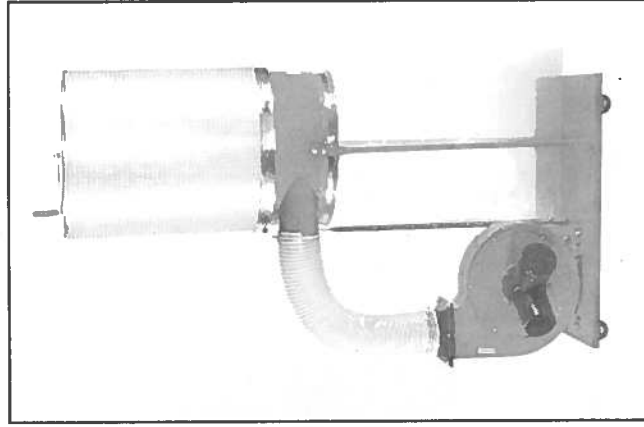


Fig. 12



#DC2000CF

Fig. 13

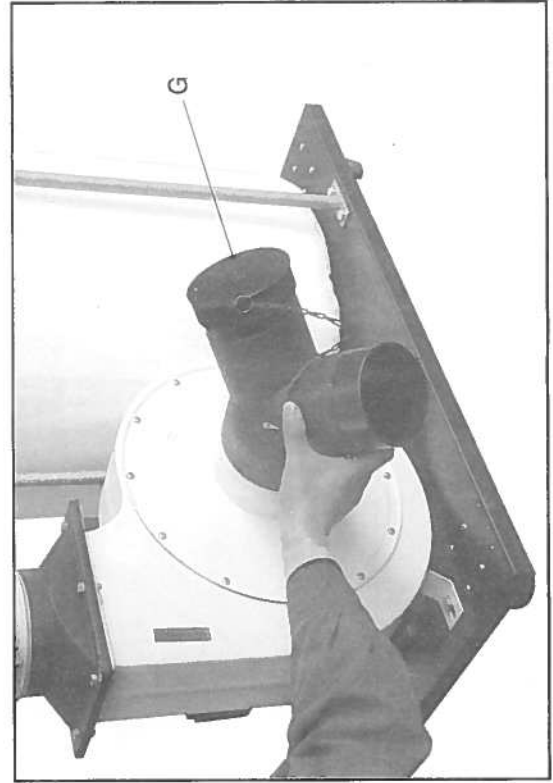


Fig. 14

Parts List

| Part # | Part | Quantity | Size |
|--------|-------------------|----------|-------|
| 1 | Caster | 4 | 2.5" |
| 2 | Nut | 16 | M6 |
| 3 | Base plate | 1 | |
| 4 | Washer | 16 | O6MM |
| 5 | Motor base | 1 | |
| 6 | Screw hex | 4 | M8X15 |
| 7 | Power cord | 1 | |
| 8 | Motor | 1 | |
| 9 | Switch | 1 | |
| 10 | Screw | 2 | M6 |
| 11 | Wrench hex | 1 | 4MM |
| 12 | Wrench hex | 1 | 5MM |
| 13 | Upper bag support | 1 | |
| 14 | Collector support | 2 | |
| 15 | Screw hex | 8 | M8 |
| 16 | Washer | 8 | O8MM |
| 17 | Motor Key | 1 | |
| 18 | Packing | 1 | |
| 19 | Nut | 8 | M8 |
| 20 | Washer | 4 | O8MM |
| 21 | Screw hex | 4 | M8X10 |
| 22 | Turbo fan | 1 | |
| 23 | Screw hex | 12 | |
| 24 | Inlet | 1 | |
| 25 | Inlet cover | 1 | |
| 26 | Screw hex | 1 | M8 |
| 27 | Washer | 1 | M8X15 |
| 28 | Screw hex | 1 | |
| 29 | Packing | 1 | |
| 30 | Outlet | 1 | |
| 31 | Hose clamp | 2 | 5" |
| 32 | Hose | 1 | |
| 33 | Collector | 1 | |
| 34 | Hose clamp | 2 | |
| 35 | Filter bag | 1 | |
| 36 | Collector bag | 1 | |
| 37 | Collector support | 2 | |

Parts Diagram

