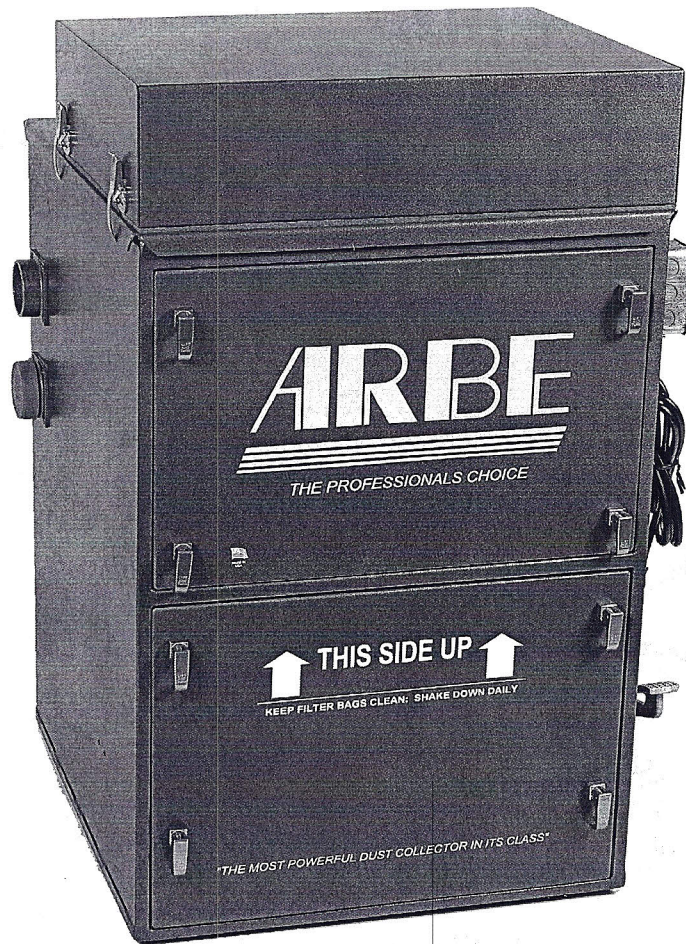


Thank You & Congratulations  
On Your Purchase of:  
**ARBE**  
Model # DC-802  
1 H.P. Dust Collector



**“ The Most Powerful Dust Collector In Its  
Class...Guaranteed!”**

## **IMPORTANT INSTRUCTIONS**

### **DO NOT DISCARD**

Thank you once again for purchasing an ARBE Machine product. Arbe Machine Mfg., Inc. takes pride in manufacturing the highest quality jewelry casting and polishing equipment in the industry. Your product has been thoroughly tested and inspected prior to being shipped. Should any damage have occurred in transit, please contact the freight forwarder immediately. The receiver of a product must file a claim with the carrier within 14 days of receipt. If any assistance is required in processing the claim, do not hesitate to contact Arbe Machine at (631) 756-2477.

#### INSTRUCTIONS:

Remove the dust collector from its packaging and place on a sturdy and level surface. Operation of this or any other type of equipment should be done by trained personnel.

Plug the unit's cordsets into grounded electrical receptacles. Never remove or alter original plugs supplied with the unit's power cords. The dust collector can be easily turned on by the power switch located on the front right-hand side of the unit. Please take note that the dust collector, polishing motor and polishing hoods each have their individual on/off switches.

The dust collector cabinet is equipped with two access doors. Both access doors must always be in place when unit is in use. Bottom door should only be removed when unit is off and shakedown procedure (see below) is complete. Lifting and turning the support latches located on the four corners removes the door.

Unit is supplied with four suction ports, two on each side. Orange plastic covers have been supplied with unit to cover unused ports. The unit's maximum efficiency is with two polishing stations. The two additional ports are supplied for emergency, not continuous, use.

### OPERATION PRINCIPLE:

The air is drawn into the unit through the inlets on either side of the machine. The contaminated air passes through the 24 ultra weave cotton sateen filter bags. Larger particles are deflected down towards the collecting pan located below the filter bags. The clean air is then released through the discharge grill and out through the acoustic exhaust silencer.

### EQUIPMENT MAINTENANCE PROCEDURES:

The unit is equipped with a double-shielded permanently lubricated ball bearing motor, assuring long life and quiet operation. No additional motor maintenance is required.

Proper maintenance is critical to extend the life and efficiency of the filtration system. The information presented below outlines basic maintenance procedures to ensure the ARBE Model #DC-802 unit will provide a trouble free and clean work environment for years to come.

### GENERAL FILTER MAINTENANCE:

Polishing dust is accumulated onto the outside surface of the filter bags located in the lower compartment of the dust collector. Arbe Machine recommends shaking down the filter bags daily to dislodge the dust onto the collecting pan located below the bags. The shakedown of the filter bags is easily done by kicking down the foot pedal located on the lower right of the dust collector cabinet. De-pressing the pedal approximately six times should satisfy the shakedown procedure. The dust collector doors should always be securely in place during shakedown to prevent loss of dust. The dust in the collecting pan should be removed and stored once a week.

It is very difficult to pre-determine a specific maintenance schedule, as the rate of dust loading will vary for each person. To ensure maximum suction throughout life of unit, Arbe Machine recommends filter bags be changed once every twelve months. Only Arbe Machine filter bags should be used when changing filters to ensure safety and efficiency of unit.

Arbe re-order Model #DC-802.001 (set of 24 Filter Bags F/ 1 HP Dust Collector)

\*NOTE: When opening bottom access door to remove collecting pan, unit must be powered off.



Safety Precautions:

Keep all fastening hardware, including spindles, tight to ensure that the unit is in a safe working condition.

Unplug unit from electrical outlet when any servicing is being done.

Never operate unit without access doors securely in place.

Keep all loose clothing, hair or dangling objects from shafts or buffing wheels.



# AIRBE

**MACHINE MFG., INC.**

**PROUD AMERICAN  
MANUFACTURER**



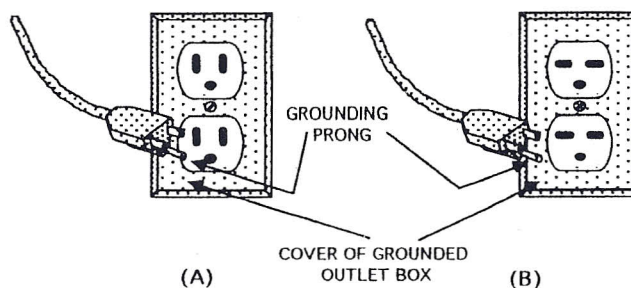
**SINCE 1975**

## SAFETY INSTRUCTIONS

### I. GROUNDING INSTRUCTIONS

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug that looks like that shown in sketch (A) in Figure 1. If it is for use on 150 to 250 volts, it has a plug that looks like that shown in sketch (B). Use of an extension cords or a 2 prong adapter is not recommended.

FIGURE 1  
GROUNDING METHODS



### II. TOOL SAFETY INSTRUCTIONS

- 1. Keep Work Area Clean**  
Cluttered areas and benches invite accidents.
- 2. Avoid Dangerous Equipment**  
Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.
- 3. Keep Children Away**  
All visitors should be kept safe distance from work area and appliance.
- 4. Store Idle Tools**  
When not in use, tools should be stored in dry, high, and locked location out of the reach of children.
- 5. Don't Force Tool**  
It will do the job better and be safe at the rate for which it was designed.
- 6. Use Right Tool**  
Don't force small tool or attachment to do the job of a heavy-duty tool.
- 7. Wear Proper Apparel**  
Do not wear loose clothing or jewelry which may get caught in moving parts. Tie back long hair or use a proper hair net.
- 8. Use Safety Glasses**  
Use safety glasses with all rotating tools. Also use a face or dust mask if cutting operation is dusty.
- 9. Don't Abuse Cord**  
Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- 10. Secure Work**  
Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- 11. Don't Overreach**  
Keep proper footing and balance at all times.
- 12. Maintain Tools with Care**  
Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- 13. Disconnect Tools**  
When not in use; before servicing; when changing accessories such as blades, bits, cutters, etc.
- 14. Avoid Accidental Starting**  
Be sure switch is OFF when plugging in.

**AIRBE**  
MACHINE MFG., INC.

**54 Allen Blvd. • Farmingdale, NY 11735**  
**Tel # 631.756.2477 Fax # 631.756.2485**

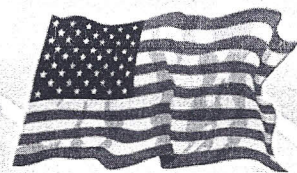
**WEB: [www.arbemachine.com](http://www.arbemachine.com)**  
**Email: [info@arbemachine.com](mailto:info@arbemachine.com)**





# AIRBE

**PROUD AMERICAN  
MANUFACTURER**



**MACHINE MFG., INC.**

**SINCE 1975**

## WARRANTY POLICY

Arbe Machine Mfg., Inc. warrants all products furnished by it are free from defects in material and workmanship at the time of shipment for a period of eighteen (18) months from the date of shipment, or one (1) year from the date of installation, whichever occurs first. Claims must be made during that period and are limited to the replacement of parts claimed to be defective.

This warranty shall not extend to products that have been misused, neglected, altered or repaired without factory authorization during the warranty period. Operating conditions beyond our control such as improper voltage, excessive ambient temperatures, or other conditions that would affect the performance or life of the product will also cause the warranty to become void.

Permission to return parts for warranty repair must be obtained, and all returns must be prepaid factory. If, after examination, the product or part is found to be defective, it will be repaired or replaced on a no-charge basis and returned. On the other hand, if it is determined that the warranty has not been breached by Arbe Machine Mfg., Inc., then the usual charges for repair or replacement will be made. Parts or products that are obsolete or those made to special order are not returnable.

This limited warranty applies only to the above and is for the period set forth. Arbe Machine Mfg., Inc.'s maximum liability shall not, in any case, exceed the contract price for the product, part, or component claimed to be defective; and Arbe Machine Mfg., Inc. assumes no liability at all for any special, indirect, or consequential damages arising from defective equipment.

**THERE ARE NO WARRANTIES IMPLIED OR EXPRESSED THAT  
EXTEND BEYOND THOSE CONTAINED IN THIS LIMITED WARRANTY.**

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