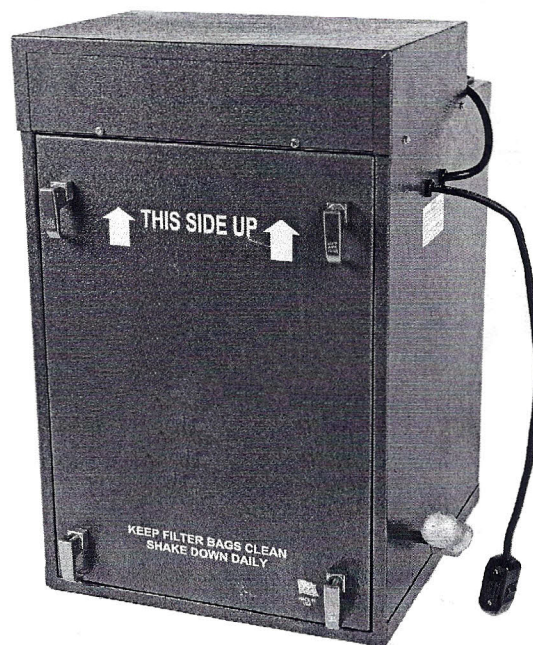


**Thank You & Congratulations  
On Your Purchase of:**

**87-010  
1/2 H.P. Dust Collector**



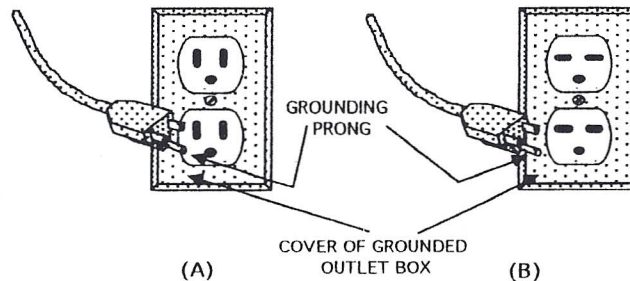
**“ The Most Powerful Dust Collector In Its  
Class...Guaranteed!”**

# 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.



## 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 1/2 HP Dust Collector 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. Romanoff Int. 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 door 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, Romanoff Int. recommends filter bags be changed once every twelve months.

\*NOTE: When opening 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 door securely in place.

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

## **IMPORTANT INSTRUCTIONS**

### **DO NOT DISCARD**

Thank you once again for purchasing a Romanoff Int. product. We take 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.

#### 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 power cord into grounded electrical receptacle. Never remove or alter original plug supplied with the unit's power cord. The dust collector can be easily turned on by the power switch located on the front right-hand side of the unit.

The dust collector cabinet is equipped with one access door. The access door must always be in place when unit is in use. The 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.

#### OPERATION PRINCIPLE:

The air is drawn into the unit through the 3" flanges, located on the top of the unit. The contaminated air passes through the 14 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.