

# HANDLER

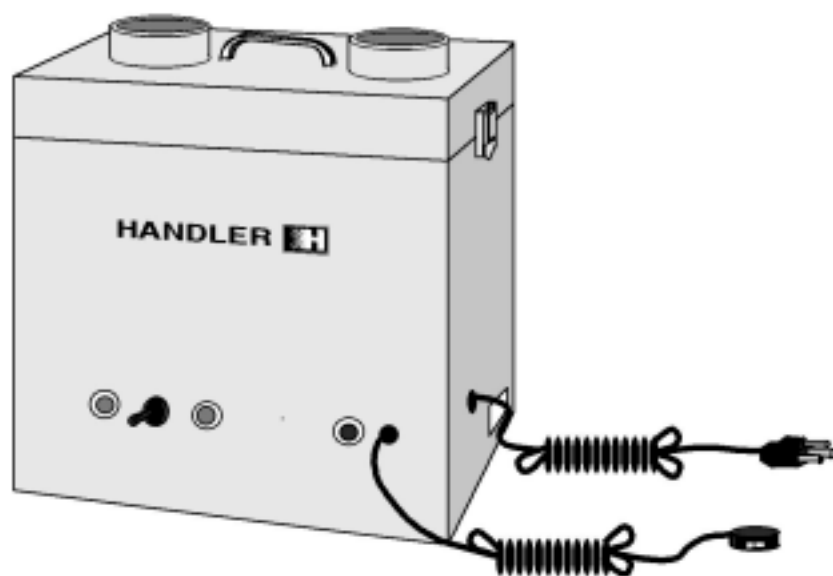


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## #62 SUPER SUCKER

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**IMPORTANT INSTRUCTIONS  
DO NOT DISCARD**



**HANDLER**   
MANUFACTURING CO., INC.

*Over Eighty Years of Quality Manufacturing and Service...*

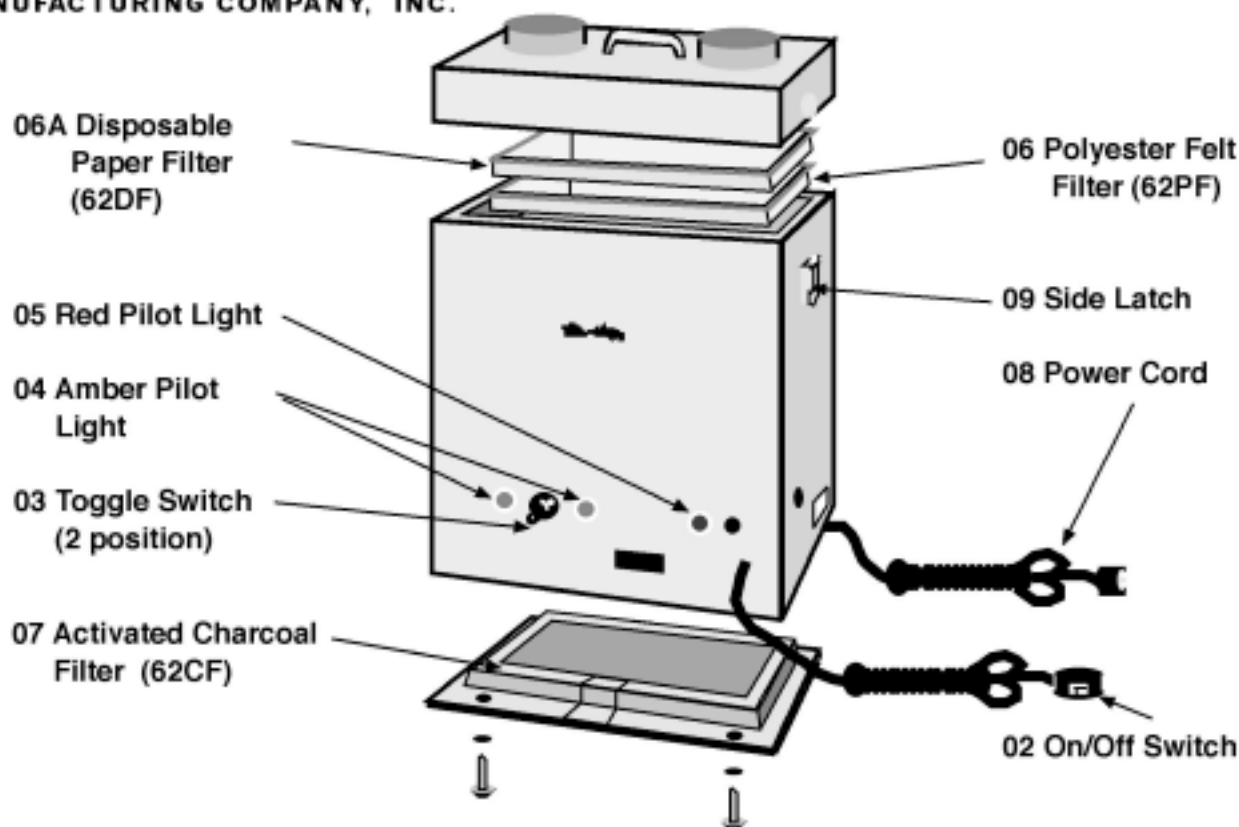
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MANUFACTURING COMPANY, INC.



## Model 62 Super Sucker Part List

<b>P62-01</b>	Motor (inside)	<b>P62-06</b>	Polyester Felt Filter Bag (62PF)
<b>P62-02</b>	2-position switch	<b>P62-06A</b>	Disposable Paper Filter (62DF)
<b>P62-03</b>	Two Speed Toggle Switch	<b>P62-07</b>	Activated Charcoal Filter (62CF)
<b>P62-04</b>	Amber Pilot Light	<b>P62-08</b>	Power Supply Cord
<b>P62-05</b>	Red Pilot Light	<b>P62-09</b>	Side Catch

**Thank you for purchasing the No. 62 Super Sucker Dust Collector from Handler. The following information is presented to assist in the proper installation and use of your new Dust Collector.**

### **(1) Unpacking:**

The Dust collector itself is shipped in one carton, the accessories in a separate carton.

### ***The Accessories:***

- 1 .....Plain Fishmouth No. 87210,
- 1 .....Fishmouth w/cut-off No. 87,
- 2 .....3" diameter x 4' pieces of flexible tubing No. 66C-43,
- 4 .....Clamps No. 66C-6.

Your 62 Super Sucker may have been shipped with dust collecting accessories other than those listed above. Please examine the packing list accompanying the shipment to ascertain that you have received all the correct accessories you have ordered.

Unpackage your Dust Collector and inspect it. Should damage have occurred in transit, contact the freight forwarder immediately. Note on the shipping receipt any visible exterior damage to the shipping container. DO NOT contact Handler Manufacturing, as all damage must be claimed by the Receiver of merchandise not the shipper.

### **(2) Set-Up:**

Slide one clamp over one end of each piece of flexhose, slide the flexhose onto each flange on the top of the Dust Collector and tighten each clamp to hold the hose in place. After placing the unit under the bench, bring the two hoses up to the work surface in the most convenient way and attach hose to each fishmouth at the grinding station. SECURE ALL CLAMPS.

### **(3) Operating:**

The Dust Collector contains a power cord with a grounded plug on the end and a switch cord with the ON/OFF switch at the end. Please note that a red pilot light will illuminate when the plug is inserted into the appropriate receptacle. This visibly confirms that the Dust Collector is connected to a power source. The front panel of the unit shows a three position toggle switch, with the middle position being neutral or OFF position. By pushing the bat of the toggle switch up, one of the high frequency motors will activate and one amber pilot light will illuminate. By pushing the bat of the toggle switch down (past the middle or neutral position), both high frequency motors will activate and both amber pilot lights will illuminate.

### **(4) Motors:**

The No. 62 Super Sucker is designed for intermittent duty, not continuous duty. Utilizing the No. 62 for periods longer than 40 minutes at one time may result in the suction turbines overheating, and pre-mature burnout. After 40 minutes of use, turn the super-sucker off for at least 30 minutes. The suction turbines used to power the No. 62 super sucker contain motor brushes. These should be checked after 700 hours of use, and replaced after 900 hours of use.

### **(5) General Maintenance:**

Your 62 SUPER SUCKER is built to provide many years of service. By following the maintenance instructions listed above and below, you may be assured of long service.

Change the filter bags often. Much of the difficulty experienced with dust collectors is because of poor filter maintenance. Change the disposable filter (62DF) often, and clean or replace the polyester filter often (62PF). The activated charcoal filter (62CF) should be changed once each year.

**MOTOR BRUSH REPLACEMENT:** The 62 SUPER SUCKER is powered by two high frequency suction motors as noted above. After 500 - 750 hours of use, the brushes in the suction motors should be checked. This is accomplished by removing the plug from its power source. Clean the filter bags, and replace the filters. Turn the unit on its back, and remove the four rubber feet that hold the unit off the floor and the bottom panel in place. This will expose the two suction motors.

On each side of the suction motors, you will note two rectangular brush holders which are located 180 degrees on either side of the copper shaft-commutator. Remove the brush from inside its rectangular holder by loosening the screw which holds it in place. Check the length of the carbon brush. If the brush is 1/8" it is time to order replacement brushes. If the brush is 1/8" or less, order new brushes, immediately, replacing the brushes before continuing use of the unit. Replacement brushes are available from Handler by ordering Part No. 62-01B.

After replacing (checking) the motor brushes, replace the bottom panel and secure it in place with the four screws and rubber feet which hold the 62 above the floor. Move the 62 to the upright position, and connect the 62 to a suitable electrical source.

Your 62 SUPER SUCKER is designed for INTERMITTANT DUTY. It is not built for continuous duty. After 15-20 minutes of suction use, turn the unit OFF and allow the unit to rest for 10 - 15 minutes. Using the unit for suction longer than 20 minutes will cause undue wear on the motor brushes, requiring replacement more often than described, above.

For questions about the care, use or installation of the SUPER SUCKER or any Handler product, please contact us at the address or telephone number listed on the front of these instructions.

## **(6) Filtering**

The Super Sucker Dust Collector features a triple action filtering system. The first filter, accessed by opening the side latches (2) and removing the top of this unit, is a bag made of Filter Paper. This bag will entrap particles as small as 3-5 microns. This filter should be emptied on a weekly basis (your personal schedule may vary according to usage). This filter should be disposed of at least every three months under normal use. If you use the 62 on a 2-4 hour (daily) basis, or more often, cleaning and disposal of the 62DF paper filter bag should occur weekly for maximum suction results. The second filter is a polyester felt filter (62PF). This filter should be cleaned on a weekly basis - more often under heavy usage. The 62PF Polyester will entrap particles as small as 0.5 microns and larger. The 62PF Polyester Filter may be washed with a mild laundry detergent. Do not stretch or wring out this filter bag during the washing procedure. Thoroughly dry the 62PF BEFORE replacing it into the Super Sucker. It is recommended the 62PF filter be replaced at 18 month intervals or sooner under heavier usage. Make certain to place both the polyester filter with paper filter inside on top and into the inside of the metal filter frame. **NEVER PLACE PAPER OR POLYESTER FILTER ON THE OUTSIDE OF THE FILTER FRAME.** The third filter in the Super Sucker is an Activated Charcoal Filter accessed by removing the exhaust screen on the bottom side of the cabinet. Before being exhausted from the unit, the air is directed through the Activated Charcoal to trap the fumes from acrylic. It is recommended that this filter be replaced on an annual basis or sooner, depending on usage.

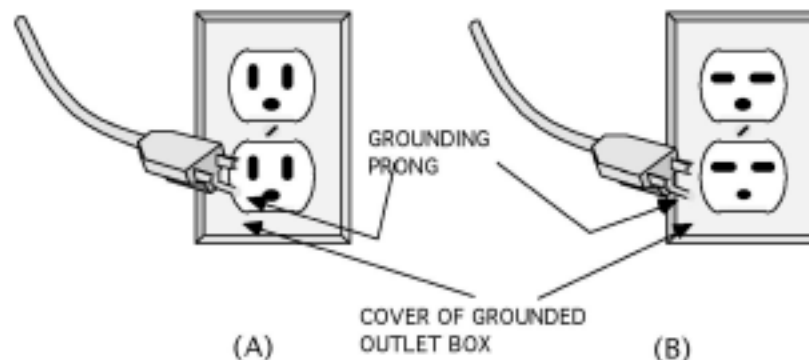
The No. 62 Super Sucker Dust Collector will provide satisfactory performance when properly used and maintained. By maintaining your Dust Collector in a proper manner, you will be assured of proper function.

# 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



## 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.

# HANDLER

MANUFACTURING COMPANY, INC.

## WARRANTY

This Handler product is warranted for a period of one year from date of sale by Handler. Should a defect appear within the warranty period, the unit will be repaired to proper operating condition or replaced at no charge, except for the cost of necessary transportation at the option of Handler Manufacturing. Before returning the unit contact:

Handler Mfg. Co., Inc.  
PO Box #520  
612 North Ave., East  
Westfield, New Jersey 07090

No other warranties are implied or intended. Your warranty will become null and void if the unit is not maintained, missused or utilized as suggested.

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612 North Avenue East, Westfield, NJ 07090

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