

## Vacuum Cleaner Limited Warranty

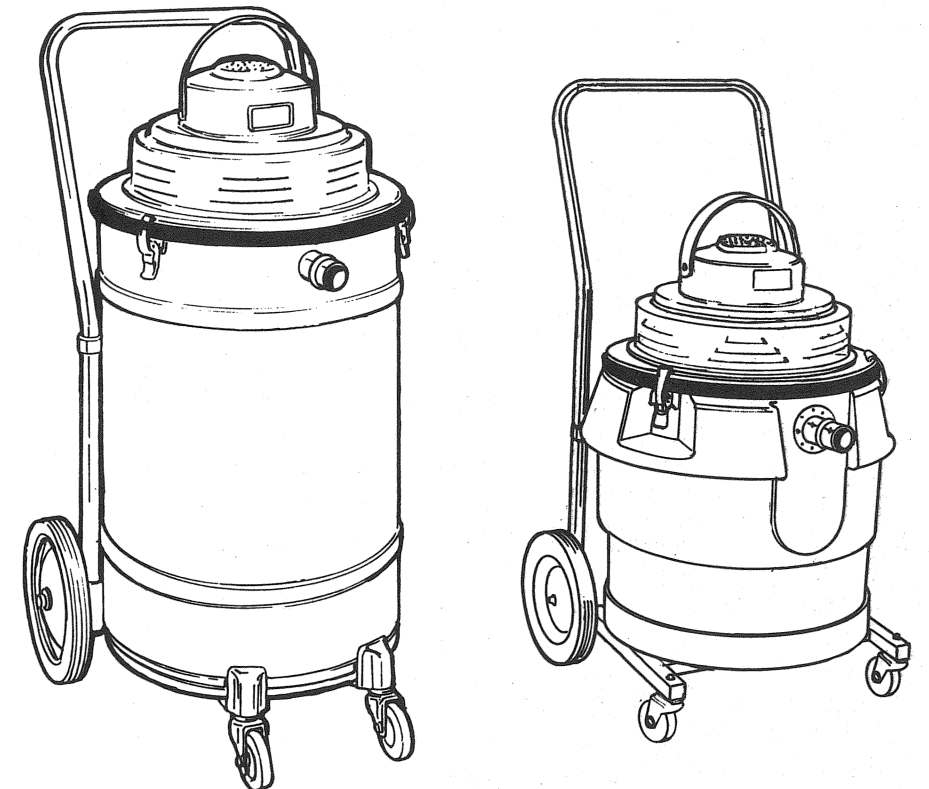
This vacuum cleaner is guaranteed against defects in workmanship or materials for a period of 90 days from the date of purchase. In addition, the motor is guaranteed against defects in workmanship or materials for a period of one, two, or three years, depending upon model. This guarantee is valid only to the original user-purchaser, and applicable only if the user-purchaser registers this vacuum by completing and returning the vacuum warranty card to the manufacturer. Under this warranty, the manufacturer agrees to repair or replace parts which have become defective within the warranty period, provided the vacuum is deliv-

ered or shipped to an authorized service center. Not covered by warranty are internal or external finishes, electric cords, wheels, or casters, and certain perishable items, unless otherwise noted to be defective at time of original purchase by the original user-purchaser. Further, this warranty is null and void should any covered part be installed by other than the manufacturer's factory or authorized service center, or should claims against the warranty be the result of product misuse, abuse, or any manner of damage not deemed by the manufacturer or its authorized service center to be normal wear and tear.

## Wet / Dry Steel and Poly Vacuum Cleaners

### Operation and Care Instructions

**SAVE THESE INSTRUCTIONS**



These vacuums are high quality, precision made products. All parts used in the manufacturing of these vacuum cleaners have passed rigid quality control standards prior to assembly and an "each unit" final inspection prior to packaging is your assurance of proper assembly. These vacuum cleaners were protectively packed to prevent possible

damage in transit. Should damage have occurred, please notify the transporting carrier immediately for loss and/or claim.

**YOU MUST FILE THE DAMAGE CLAIM WITH THE CARRIER. THE SHIPPER CANNOT FILE SUCH A CLAIM.**

**READ ALL INSTRUCTIONS BEFORE USING**

*Note:* This vacuum is suitable for commercial use.

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# Important Safety Instructions

When using an electrical appliance, basic precautions should always be followed, including the following:

## WARNING:

To reduce the risk of fire, electric shock, or injury:

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
3. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
4. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
5. Do not expose to rain. Store indoors.
6. Do not use without dustbag and/or filters in place.
7. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
8. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
9. Do not handle plug or appliance with wet hands.
10. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
11. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
12. Keep hair, loose clothing, and all parts of body away from openings and moving parts.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Use only as described in this manual. Use only manufacturer's recommended attachments.

## WARNING:

This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

## DANGER:

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

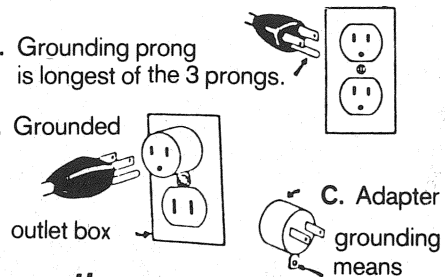
If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A.

### Grounded Outlet Box

A. Grounding prong is longest of the 3 prongs.

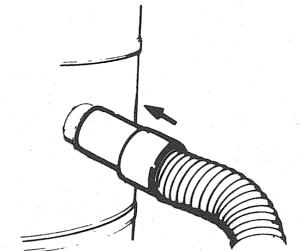
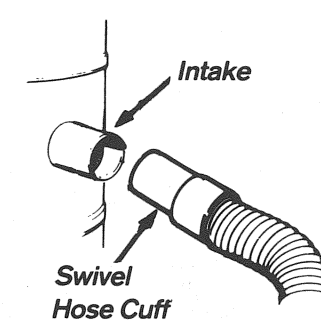
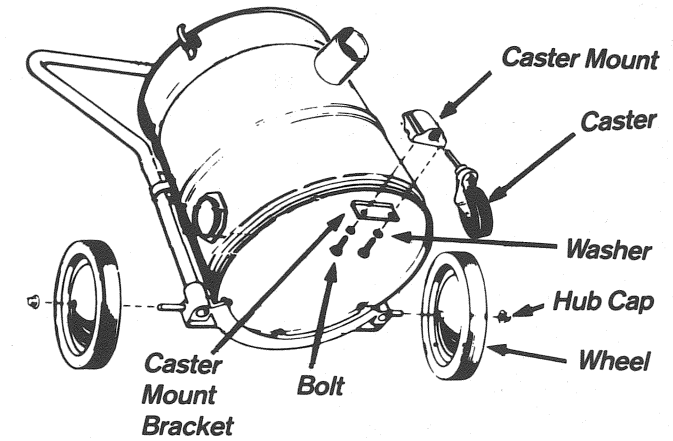
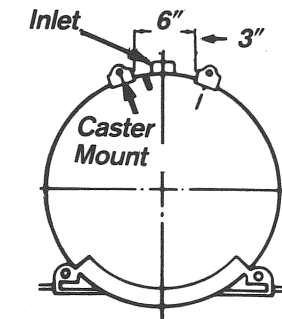
B. Grounded

C. Adapter grounding means



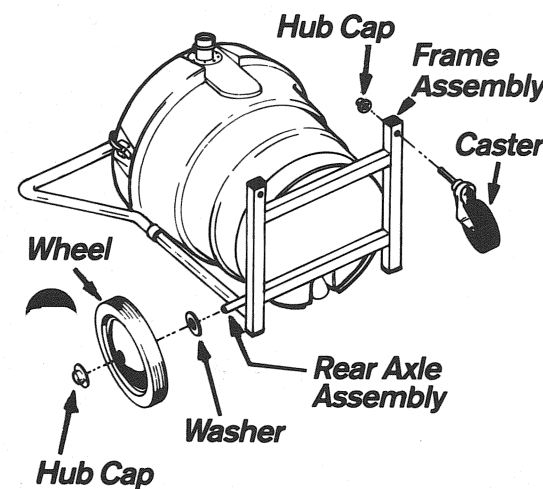
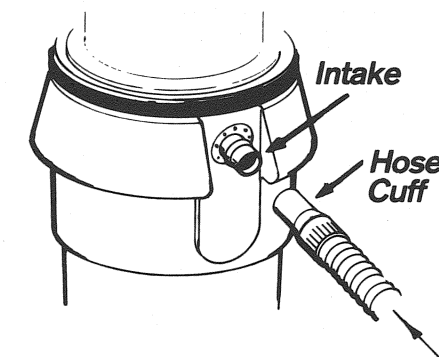
# Steel Tank and Vacmobile Assembly

## Vacmobile Style

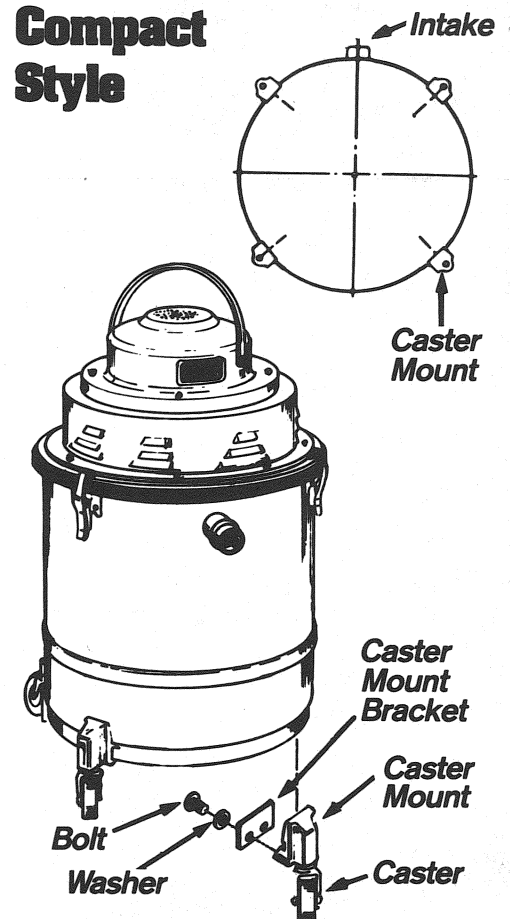


# Poly Tank and Vacmobile Assembly

## Vacmobile Style



## Compact Style

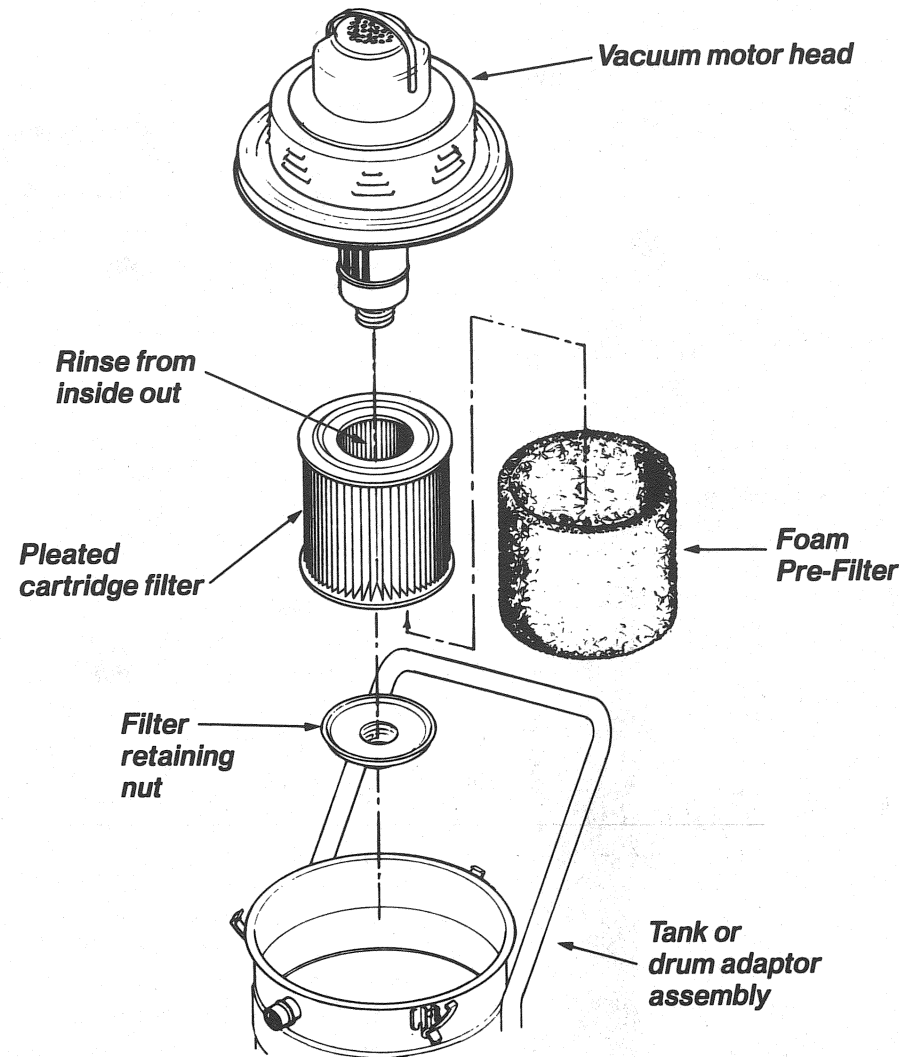


# Important Safeguards



# Wet / Dry Cartridge Filter Assembly

**Caution:** This filter **MUST** be in place at all times during vacuuming operations, both dry and wet.



The combination dry cartridge filter and liquid shut off system makes possible instant change from wet to dry or dry to wet pick-up without any modification to the vacuum cleaner. The pleated dry cartridge filter is a highly efficient device which prevents dust and dirt from entering the motor/blower unit and re-entering the area being cleaned.

The function of the ball float is to shut off air flow when the liquid level in the tank reaches a point just below the inlet. The ball and tube should be rinsed periodically to remove any dirt accumulation in the tube which may restrict the movement of the ball float inside the tube.

**Cleaning:**  
Your filter should be cleaned often to maintain peak performance.

**Filter Removal:**  
To remove filter simply unscrew the retaining nut from the float tube and remove the cartridge filter.

**Dry Filter Cleaning:**  
Remove filter from vacuum and clean by brushing or tapping to remove dirt accumulation from outer surface.

**Wet Filter Cleaning:**  
Remove filter from vacuum and clean by running tap water through it from the inside out. Be sure water pressure is not strong enough to damage filter.

**NOTE:** Be sure to dry filter before storing!

## Extension Cords:

Vacuums that have 3 wire cords requiring grounding must only be used with extension cords that have 3-prong grounding type plugs and 3-pole receptacles.

To determine the minimum wire size required, refer to the chart for minimum wire size.

**Note:** This vacuum is suitable for commercial use.

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORD

NAMEPLATE	TOTAL EXTENSION CORD LENGTH-FEET							
Rating-Amps	25	50	75	100	125	150	175	200
0-10.0	18	18	16	16	14	14	12	12
10.1-13.0	16	16	14	14	14	12	12	12
13.1-15.0	12	12	12	12	12	12	12	--

Before using an extension cord, inspect it for loose or exposed wires, damaged insulation, and defective plugs.

## Trouble Shooting Guide:

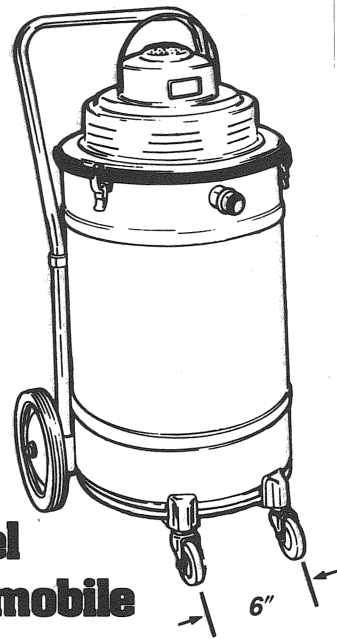
Symptom	Possible Cause	Corrective Action
<b>Loss of Suction</b>	1. Obstruction in Hose or Wand.	1. Attach Hose to Exhaust Air Orifice and Clear.
	2. Clogged Wet/Dry Cartridge Filter Assembly.	2. Clean or Replace Filter.
	3. Uneven Gasket Fit.	3. Reposition or Replace Gasket.
	4. Dented Collection Can Rim.	4. Replace Can.
<b>Motor Won't Run</b>	1. Blown Fuse or Tripped Circuit Breaker.	1. Replace Fuse or Circuit Breaker.
	2. Defective Switch.	2. Replace Switch.
	3. Defective Power Cord.	3. Replace Power Cord.
<b>Operator Being Shocked</b>	1. Defective Ground in Vacuum or Building.	1. Consult a Qualified Electrician to Check and Repair Ground Circuit.

## WARNING:

Always disconnect power cable from electrical outlet when working on this vacuum cleaner.



## About the Vacuum Cleaner



### Steel Vacmobile Style

The Vacmobile style includes as standard equipment:

- 2 8" Rear Wheels
- 4 Hub Nuts
- 2 Caster Mounts w/Bracket
- 2 Casters
- 4 Washers 4 1/4 x 20 Bolts
- 1 Wet/Dry Cartridge Filter Assembly

Remove and carefully set aside motor head with Wet/Dry Cartridge Filter Assembly. Tilt vacuum back to full rest on can handle. Position caster mount assemblies on the bottom rim of can approximately 6 inches apart from the center line of the intake. Tighten bracket bolts.

Insert and push casters into caster mount assemblies. Position rear wheels on the rear axle assembly and lock with the hub nuts, using a rubber hammer.

Replace motor head with filter assembly and clamp in place.

### Poly Vacmobile Style:

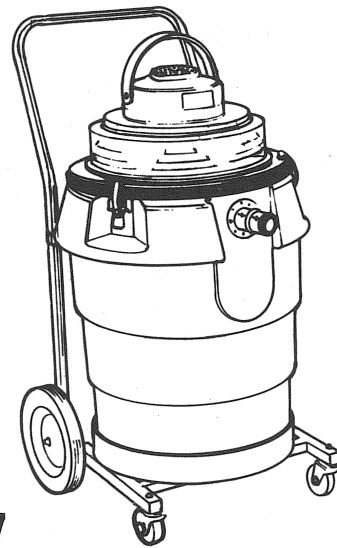
With Steel or Plastic Motor Head  
The Vacmobile style includes as standard equipment:

- 2 8" Rear Wheels
- 2 Casters
- 4 Hub Nuts
- 1 Air Filter
- 1 Wet Pick-up Assembly

Remove and carefully set aside motor head and filter assembly. Position 8" rear wheels on the rear axle assembly and secure with 3/8" hub nuts, using a rubber hammer. Insert and push casters into the holes located at the front of the vacmobile metal frame. Lock the casters in place with the hub nuts, using a rubber hammer.

Insert and push casters into caster mount assemblies. Position rear wheels on the rear axle assembly and lock with the hub nuts, using a rubber hammer. (Optional accessories ordered separately)

Replace motor head and filter assembly and clamp in place.



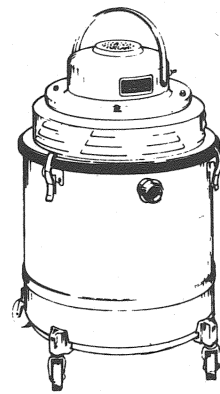
### Steel Compact Style

This 4-caster style includes as standard equipment:

- 1 Tank
- 1 Wet/Dry Cartridge Filter Assembly
- 4 Caster Mounts w/Brackets
- 4 Casters

Remove and carefully set aside motor head with Wet/Dry Cartridge Filter Assembly. Place can upside down on a bench or table. Position caster mount assemblies on the bottom rim of can 90 (degrees) apart. Tighten bracket bolts. Insert and push casters into caster mount assemblies.

Replace motor head with cartridge filter assembly and clamp in place.



### Caution:

Excessive tightening of caster bracket bolts may damage caster mount brackets.

## About the Vacuum Cleaner

### To Connect Hose:

Simply push the swivel hose cuff over the tank inlet tube as far as it will go. The raised bead on the tube will hold the hose firmly in place. Wands and/or tools are attached to the opposite (*non swivel*) end of the hose.

### To Operate:

The vacuum cleaner is designed to perform as a wet/dry unit with no component change when going from wet to dry or dry to wet pick up. When properly assembled per the instructions in this manual and plugged into the correct electrical outlet the vacuum is ready to operate.

### Dry Operation:

The pleated cartridge filter located at the bottom of the motor head provides highly efficient separation of dust and dirt particles from the incoming air stream.

The use of a disposable paper bag placed over the inlet inside the can is strongly recommended for dry pick up. The paper bag not only makes dirt disposal clean and convenient but also provides an additional layer of filtration.

### Wet Operation:

A vacuum shut off float assembly is located at the bottom of the motor head inside the pleated cartridge filter. When the liquid level in the tank rises to a point just below the inlet the ball float shuts off air flow thus preventing overflow and possible damage to the vacuum motor.

**NOTE:** This will cause the motor to race. Turn off motor, remove and empty collection can. Thoroughly clean float assembly.

### Caution:

**NEVER** operate any vacuum cleaner unless this filter is in good condition and properly assembled to the vacuum head.

**NOTE:** A disposable paper bag cannot be used during liquid pick-up.

### Motor Head:

When removing the motor head, care in handling is essential. Dropping, banging or other abuse may result in a poor vacuum seal and a loss in suction power. No maintenance is required except for periodic cleaning especially the perforations on top of the dome and louvers on the side of the blower chamber. Clogging of these openings may cause the motor to overheat resulting in premature failure.

### Drum Adaptor:

The drum adaptor allows a vacuum motor head to be used on any standard open top 55 or 30 gallon drum. The drum must be in good condition with no leaks and an undamaged top rim.

### Caution:

Never lubricate the vacuum motor. The motor bearings are permanently lubricated and sealed. Introduction of lubricant into the motor may cause premature failure.

This vacuum is intended for indoor or outdoor use and for wet pick-up, but is not intended to be exposed to rain.

### Storage:

Store in a dry location indoors. Wrap the cord carefully around the vacuum head to avoid accidental damage. Clean tank, filter, hose and tools prior to storage.

## WARNING:

Be sure the building voltage is the same as the voltage on the motor head nameplate and that a proper ground exists.

Never use a vacuum cleaner to pick-up liquids such as combustible or explosive gasoline, kerosene (etc.)