

Important

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment, (not including brush inspection and replacement) should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts.

Commercial/Industrial Use Warranty

Black & Decker warrants this product for one year from date of purchase. We will repair without charge, any defects due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station listed under "Tools Electric" in the yellow pages. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others.

Every Black & Decker tool is of the highest quality. If you wish to contact us regarding this product, please call toll free between 8:00 a.m. and 5:00 p.m. EST, Monday through Friday.

1-800-762-6672

Like most Black & Decker tools, your vacuum cleaner is listed by Underwriters' Laboratories to ensure that it meets stringent safety requirements.

This symbol on the nameplate means the product is listed by Underwriters' Laboratories, Inc.



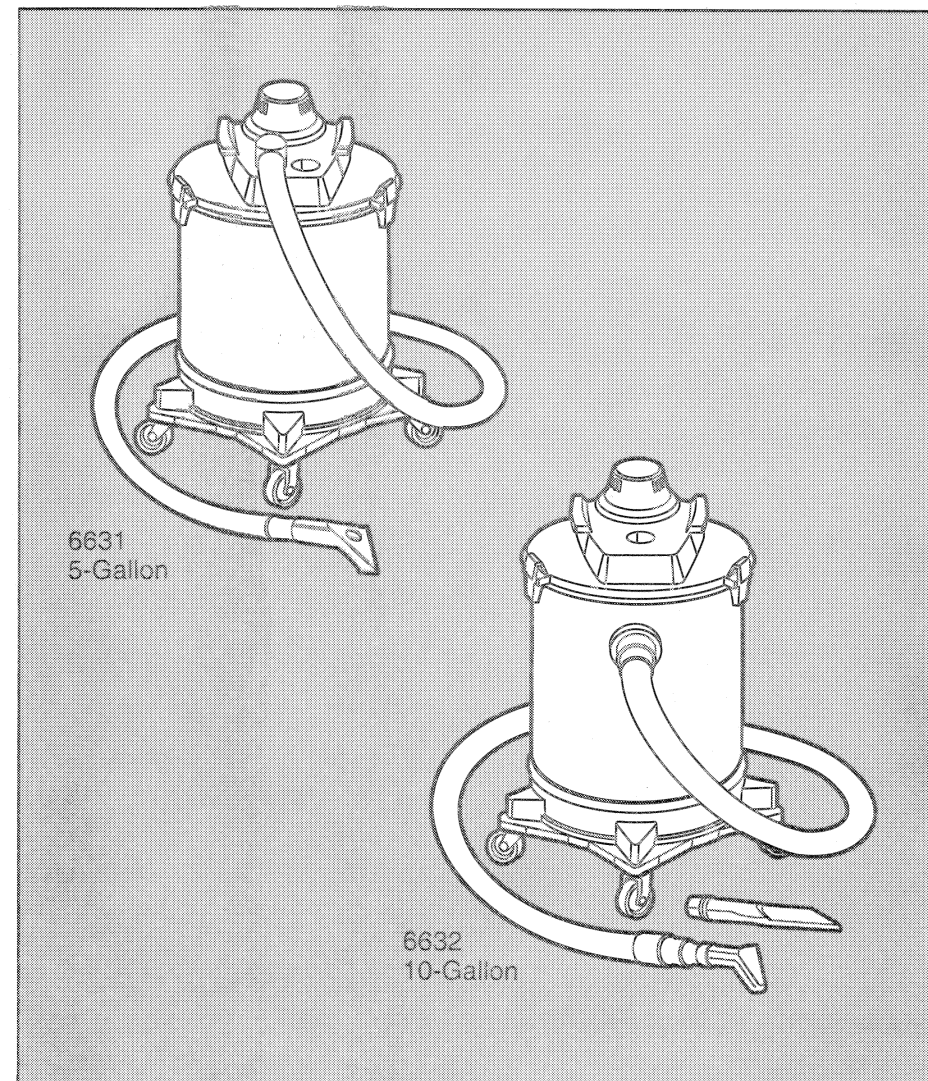
See 'Tools-Electric'
- Yellow Pages -
for Service & Sales

! DANGER !

This equipment incorporates parts such as switches, motors, or the like that tend to produce arcs or sparks that can cause an explosion. When located in gasoline-dispensing or service stations, install and use at least 20 feet horizontally from exterior enclosure of any dispensing pump and at least 18 inches above a driveway or ground level.



BLACK & DECKER®



6631
5-Gallon

6632
10-Gallon

Instruction Manual

**6631 5-Gal. and 6632 10-Gal.
Professional Wet/Dry
Vacuum Cleaners**

Commercial/Industrial Use

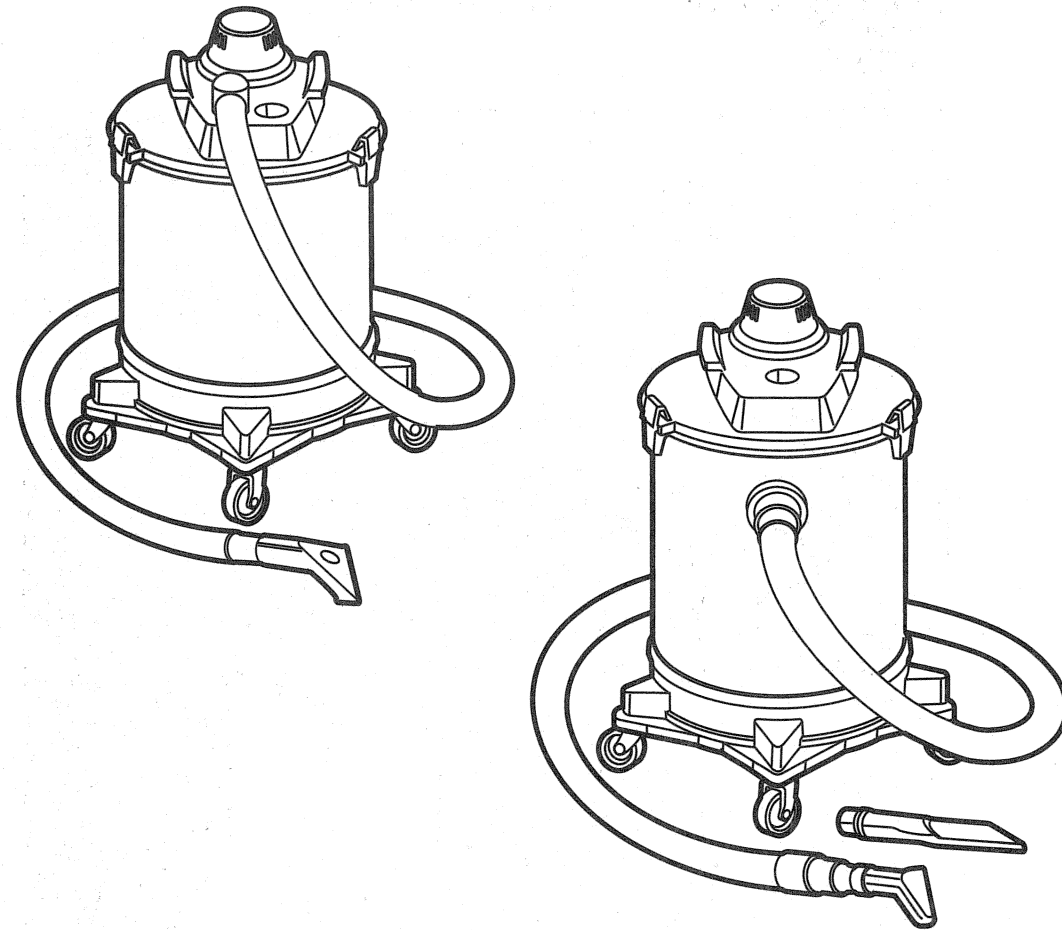


BLACK & DECKER®

BLACK & DECKER (U.S.) INC., U.S. Power Tools Group, 701 E. Joppa Road, Towson, MD 21286 U.S.A.

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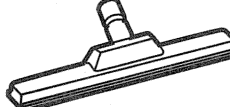
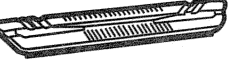
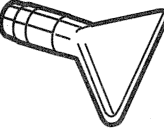


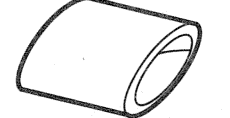
Thanks For Selecting A Black & Decker Wet/Dry Vacuum

Your new Black & Decker Vacuum Cleaner is a versatile machine that can vacuum in dry or wet areas. Durable, low-cost accessories can also expand its usage to practically any kind of vacuum cleaning.

For personal safety and for proper operation of the Vacuum Cleaner, please read the instructions and safety rules carefully. **THANK YOU FOR SELECTING BLACK & DECKER!**



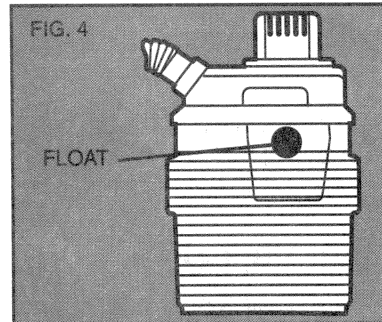
Available Accessories

	CAT. NO. 6631 1-1/4" Dia.	CAT. NO. 6632 1-1/2" Dia.	ITEM	USE
	U-1478* 6' 1-1/4"	54035* 12' 1-1/2"	Flexible Plastic Hose	For General Use with Accessories
	Not Available	49512	Double Angle Extension Wand	For Extended Reach
	U-1476-2	Not Available	Two 20" Extension Wands	For Extended Reach
	54036* Not Available	54011 54017	6" Head 14" Master Head	General Use Use with 14" Accessories
	Not Available	54019	14" Carpet Shoe	For Cleaning Carpets & Rugs
	Not Available	54037*	Metal Nozzle	Bulk Pick-Up
	U-1475*	40004*	Crevice Tool	For Narrow Places
	U-1469*	U-1469*	Disc Filters (Pack of 5)	Fits Over Foam Sleeve For Non-Wet Cleaning
	54016*	54016*	Poly Foam Cleaner	Primary Air Filter

*Standard Equipment

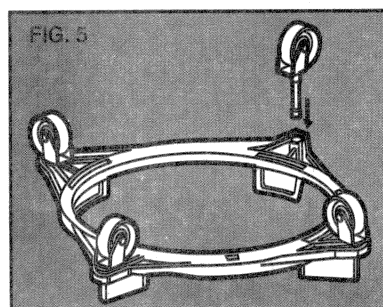
Automatic Shut-Off (Fig 4)

This cleaner is equipped with an automatic shut-off that operates when picking up liquids. As the level of the liquid rises, an internal float rises until it seats itself against a seal at the intake of the motor, shutting off suction. To continue use, empty the liquid waste from the tank as outlined in the previous paragraph.



Dolly Assembly (Fig 5)

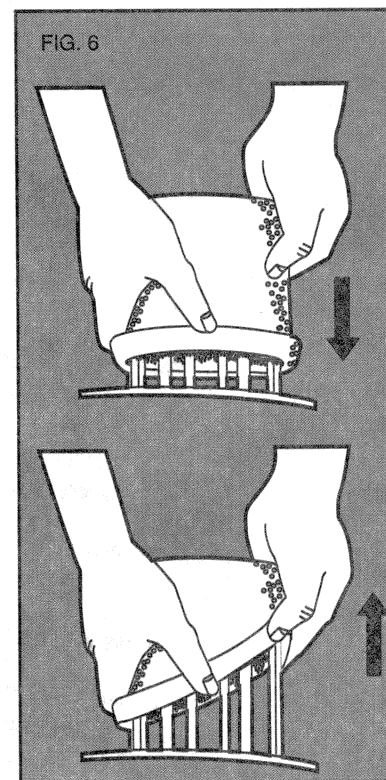
1. Prior to installation, set Plastic Snap-On Dolly in room temperature for approximately 15 minutes.
2. You will find four swivel stem casters in a plastic bag. Install them into the caster socket by inserting the caster stem into the hole and applying pressure until you feel the caster snap in.
3. Remove tank cover and invert tank so that bottom is facing up.
4. When Plastic Snap-On Dolly has warmed sufficiently, place on top of inverted tank.
5. Start at a caster position and slowly press onto the lip of the bottom of the tank. (Press on from right to left). **NOTE:** The last clip to be pressed may snap off. If this occurs, don't be alarmed. This will not affect the durability nor operation of the dolly.



Filter (Fig 6)

Your vacuum cleaner is equipped with a special foam filter sleeve which, if given proper care, can be used indefinitely. The filter should be cleaned periodically as prescribed in the following steps:

1. Always disconnect the plug from the wall receptacle before removing the tank cover. Place tank cover in an upside down position. Remove filter by sliding it up and off the internal plastic cage.
2. Shake excess dust off filter with a rapid up and down movement.
3. Hold filter under running water for a minute or two, again rinsing from the inside. A water wash is not always required, depending on the condition of the filter.
4. Gently squeeze out loose water and blot filter with a clean towel. The filter is now ready to install.
5. Install the filter by placing the tank cover in an upside-down position on any convenient surface. Stretch the filter sleeve over the plastic cage and slide it into place.



Troubleshooting

Possible vacuum cleaner troubles and remedies are given in the troubleshooting chart.

Trouble	Possible Cause	Trouble Remedy
Suction weakens or cleaner runs hot	Clogged Filter	Brush dirt from filter. If condition continues, change filter
	Air Leak	Check all fittings for tight fit (nozzles, hose, etc.) Check that tank cover is seated properly.
	Obstruction in hose or nozzle	Check extension tubes, hose, etc. for obstructions and remove if present.

A hose obstruction may often be removed by inserting the hose into the exhaust port and inserting the accessory end of the hose into the intake port and turning the cleaner on.

Accessories

The accessories listed in this manual are available at extra cost from your local dealer or Black & Decker Service Center.

A complete listing of service centers is included on the owner's registration card packed with your tool.

If you need assistance in locating any accessory please contact:

Black & Decker (U.S.) Inc.
Consumer Service Dept.
626 Hanover Pike
P.O. Box 618
Hampstead, MD 21074-0618

Recommended accessories for your tool are listed in this manual. **CAUTION:** The use of any other accessories or attachments may be hazardous.

Important Safety Instructions

When using an electrical appliance, basic precautions should always be followed. Read all instructions completely before attempting to operate this appliance.

DANGER—To reduce the risk of electric shock:

1. Check the wall outlet to ensure for proper grounding of the electrical cable. Have a licensed electrician check the outlet if you are not sure.
2. Don't change filters, clean the unit, or empty the tank until the plug has been disconnected from the electrical outlet. Always unplug unit after use.

WARNING—To reduce the risk of burns, fire, electric shock, or personal injury:

1. Don't allow the appliance to be used as a toy or to run unattended at anytime. Keep children away from appliance.
2. Don't use accessories except as recommended and provided by manufacturer. Use this cleaner/power nozzle only for its intended use as described in this manual. Use of accessories not recommended by the manufacturer may cause fire, electric shock, or injury.
3. Never use the appliance if the cord, plug, motor, filter, or the appliance itself is in poor condition, or if it has been dropped, damaged, exposed to weather, or dropped into water. Have a qualified serviceman inspect and replace parts whenever necessary.
4. Never operate appliance without filters in place.
5. To avoid the igniting of vapors or dust due to the arcing of the motor brushes, do not pick up flammable or readily combustible material, hot ash, coals or use the appliance in the presence of explosive liquids or vapors.
6. Do not use the appliance as a sprayer of flammable liquids such as oil-base paints, lacquers, household cleaners, etc.
7. Do not vacuum toxic, carcinogenic, combustible, or other hazardous materials such as asbestos, arsenic, barium, beryllium, lead, pesticides, or other health endangering materials. Specially designed units are available for these purposes.
8. Do not pick-up burning cigarettes or other smoking materials, ashes, matches, or similar materials.
9. Do not pick up wood or coal ash, soot or cement dust as these are very fine particles that may pass through the filters and affect the performance of the motor or be exhausted back into the air.
10. Don't leave the cord lying on the floor once you have finished the cleaning job. It can become a tripping hazard.
11. Don't abuse cord. Never carry appliance by cord or pull cord to disconnect from outlet. Grasp the plug, not the cord.
12. Keep cord from heat, oil and sharp edges. Don't close doors on the cord or snag under furniture or pull around corners with sharp edges.
13. Use special care when emptying heavily loaded tanks.
14. The operation of this appliance can result in foreign objects being blown into your eyes, which can result in eye damage. Always wear safety goggles when operating this appliance.
15. To avoid spontaneous combustion, empty tank after each use.
16. Never operate the appliance with any air openings blocked. Keep the air openings free of dust, lint, hair and the like.
17. Never drop or insert any objects into any openings.
18. Keep hair, face, fingers, and loose clothing away from any openings.
19. Before removing plug from outlet, switch should be in the off position.
20. Use extra caution when cleaning on stairs; always be sure of your footing.
21. Never handle plug, cord, or appliance with wet hands.
22. Always unplug the cord from the electric outlet before releasing clamps, at top of cleaner for emptying.
23. If you clean out fireplace ashes, be sure they are dead out and cold.
24. Do not allow sparks from tools such as bench grinders, sanders, etc. to be sucked into the cleaner unless it has been completely emptied beforehand.
25. Do not use the cleaner to pick up combustible materials such as solvents, gasoline, etc.
26. Never maneuver the vacuum cleaner by pulling the electric cord.
27. Always use the poly foam filter sleeve during wet pick-up. This allows automatic shut-off valve to operate properly. Wear rubber overshoes or boots when cleaning wet areas.
28. Do not use the cleaner to pick up hazardous material such as asbestos, radioactive waste or other toxic materials.
29. Do not use cleaner to pick up corrosive materials.

WARNING—To avoid electrical shock, do not expose to rain. Store indoors.

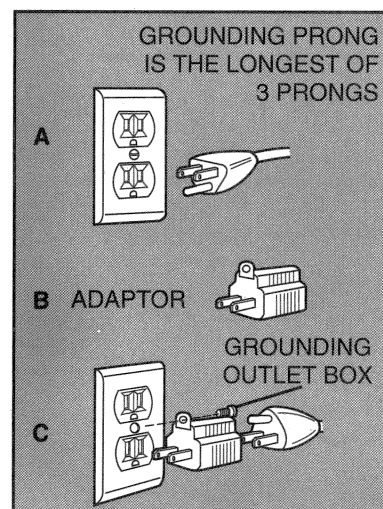
**SAVE THESE INSTRUCTIONS
FOR LATER USE**

Grounding Instructions

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 serviceman if you are in doubt as to whether the receptacle is properly grounded. Do not modify the plug provided with the appliance—if it will not fit the outlet, have a proper outlet by a qualified electrician.

This appliance is for use on a nominal 120 volt circuit, and has a grounding plug that looks like the plug illustrated in sketch A. A temporary adapter that looks like the plug illustrated in sketches B and C may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear or lug extending from the adapter must be connected to a permanent ground such as a properly ground-



ed outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.

Lubrication

No lubrication is necessary as the motor is equipped with lifetime lubricated bearings.

Storage

Before storing your cleaner, the tank should be emptied and cleaned. The power cord can be wound around the housing of the unit for convenience. Accessories may be stored in the tank while those that can't be stored in the tank should be kept in the same area as the cleaner so they can be readily available. The cleaner should be stored indoors.

Extension Cords

Tools 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. Make sure which construction your tool is before choosing an extension cord. Only round jacketed extension cords should be used, and we recommend that they be listed by Underwriters Laboratories (U.L.) (C.S.A. in Canada). If the extension will be used outside, the cord must be suitable for outdoor use. Any cord marked as outdoor can also be used for indoor work. The letters "WA" on the cord jacket indicate the cord is suitable for outdoor use.

An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety, and to prevent loss of power and overheating. The smaller the gauge number of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORDS

NAMEPLATE RATING-AMPS	TOTAL EXTENSION CORD LENGTH-FEET						
	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	14	14	12	12	12	12	12 —

gauge. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size.

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

Before using an extension cord, inspect it for loose or exposed wires, damaged insulation, and defective fittings. Make any needed repairs or replace the cord if necessary. Black & Decker has extension cords available that are U.L. (C.S.A. in Canada) listed for outdoor use.

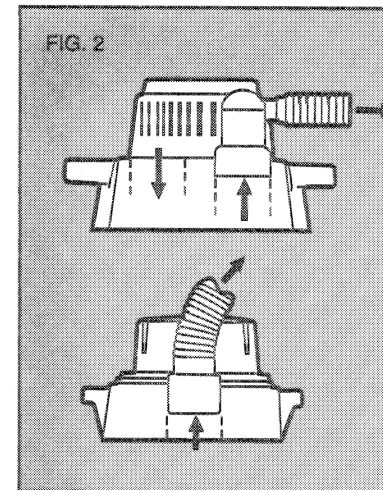
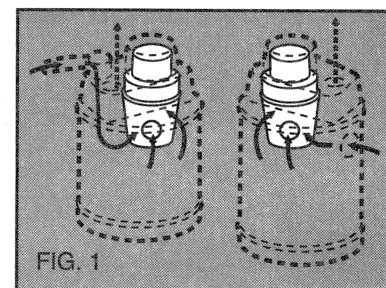
Motor

Your Black and Decker tool is powered by a universal motor. Be sure your power supply agrees with voltage marked on nameplate. Volts 50/60 Hz means Alternating Current only. Volts DC-60 Hz or AC/DC means it will operate on Alternating Current or Direct Current. Voltage decrease of more than 10% will cause loss of power and over-heating.

The Power Unit

The Motor is mounted above the tank so that it is kept clear of dust, debris and water that accumulate on the bottom of the tank.

A Filter Assembly mounted over the motor unit prevents fine dust from clogging the fan and escaping through the exhaust (Fig. 1).



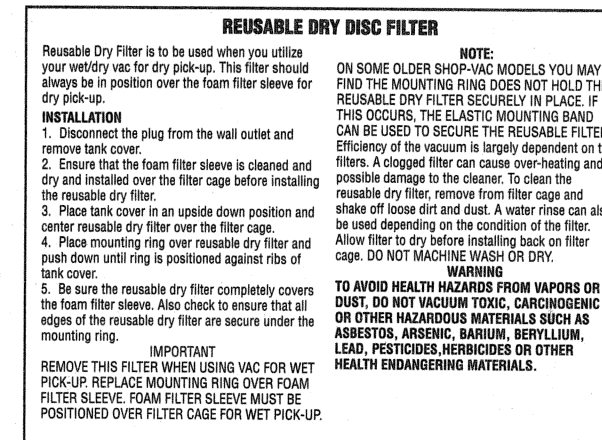
Automatic shut-off for wet pick-up is provided by a float type valve that automatically shuts off suction when liquid in tank reaches capacity level.

The Vac also serves as a blower to blow out debris from behind radiators or to clear outside walks from grass clippings or leaves. This can be done by simply inserting the hose into the exhaust port (Fig. 2).

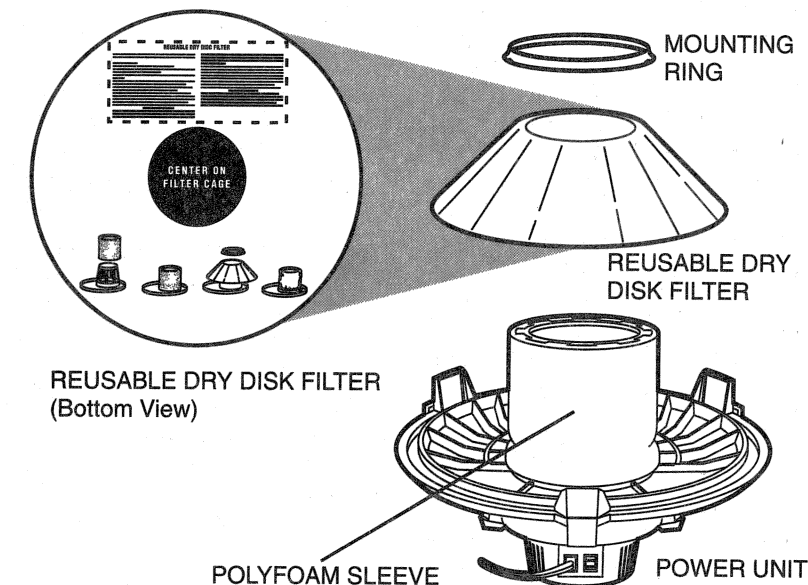
Set-up

1. Remove tank cover and take out any accessories which may have been shipped in the tank. Install the disc filter (for dry pick-up only, referring to Fig. 3).
2. Slip cleaner end of flexible hose into the intake port on the tank.
3. Attach the desired attachments to the hose. Be sure the cleaner switch is in the off position. Plug the cord into the wall outlet. Your cleaner is ready for use.

FIG. 3



(LABEL: EXPLODED VIEW)



Operation

Always disconnect the plug from the wall receptacle before removing the tank cover. Dry pick-up cleaning situations involve the pick-up of fine dust and debris, thus a reusable disc filter has been provided to ensure better filtration. This disc filter should always be in position over the foam filter for dry pick-up.

Efficiency of the vacuum cleaner is largely dependent on the filters.

A clogged filter can cause over-heating and possibly damage the cleaner. Shake off loose dirt and dust. A water rinse can also be used depending on the condition of the filter. DO NOT MACHINE WASH OR DRY.

Wet Pick-Up

This cleaner requires only a minimum of conversion when going from dry to wet pick-up. Empty all dry materials from the tank and remove disc filter. The mounting ring should then be placed over the top of the foam filter next to the cover.

NOTE: Wet pick-up accessories should be washed periodically especially after picking up wet, sticky kitchen accidents. This can be accomplished with a warm solution of soap and water. After completing a wet pick-up, raise the hose above the cleaner to permit any liquid in the hose to drain into the tank before shutting off. The interior of the tank should be periodically cleaned. It is coated with a specially developed corrosion resistant coating to give long life.

Emptying Liquid Wastes from the Tank

Your Vac may be emptied of liquid waste by removing the tank cover. To empty, stop the motor and remove the plug from the wall receptacle. Remove the tank cover and deposit the liquid waste contents into a suitable drain.

After the tank is empty, return the cover to its original position. To continue use, plug the cord into the wall receptacle and start the motor.