

Owner's Manual

shop·vac® Wet/Dry Vacuum

Model 600A 5, 6, 8, 10 Gallon

- Introduction
- Operation
- Accessories
- Care
- Repair Parts
- Warranty

Attention:
Read Carefully
before attempting
to operate —
Retain for future
Reference
UL Listed,
For Operator Safety



Congratulations: You are now the owner of a Shop-Vac Wet/Dry Vacuum, a vacuum that incorporates the latest advancements in wet/dry vacuum cleaner technology. A versatile vacuum, designed to fill a need arising from the multi-variety cleaning chores around the home and shop. Built to tackle the toughest cleaning problems, wet or dry, indoors or out. Ideal for cleaning the patio or basement floors, tough enough to use in the garage or workshop. Gentle enough to be rolled out in the living area of the home to coax the soil out of rugs and other floor areas. Amazing enough to say goodbye to mops by making quick work of spills, patio rain water, floor washing, wet basements and kitchen accidents.

Two-Year Home Use Warranty

Your Shop-Vac vacuum cleaner is warranted in normal household use, in accordance with the Owner's Manual, against original defects in material and workmanship for a period of two years from date of purchase. Please note that this warranty applies only to personal home use and does not apply to commercial or rental use. Shop-Vac Corporation warrants placing this vacuum cleaner in correct operating condition, by repair or parts replacement, during the warranty period, without charge.

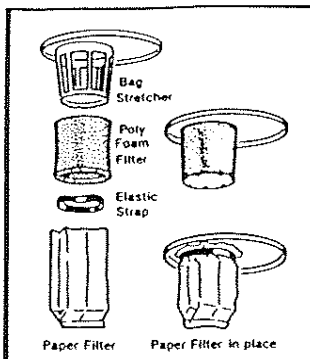
Simply return the complete unit, (transportation prepaid), to the Authorized Shop-Vac Service Center nearest you (a complete list of Authorized Shop-Vac Service Centers is included with each vacuum cleaner.) Shop-Vac assumes no responsibility for damage or faulty performance caused by misuse or careless handling, or where repairs have been made or attempted by others. Proof of purchase date is required. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SHOP-VAC CORPORATION WILLIAMSPORT, PA 17701 U.S.A.

Dry Pick-Up Operation

Always disconnect the plug from the wall receptacle before removing the tank cover. To pick up dust and dry material, you must add a paper filter to ensure better filtration. If vacuum cleaner has been used to pick up liquids, poly foam sleeve must be cleaned, dried, and installed back on bag stretcher (see diagram). Then take paper filter bag and place over foam sleeve and attach to bag stretcher with elastic strap to hold firmly in place. This paper filter should always be in position over the foam filter for dry pick-up.

A clogged filter bag can cause over-heating and possibly damage the cleaner. Bag can be brushed off and should be replaced regularly.



Wet Pick-Up

Always disconnect the plug from the wall receptacle before removing the tank cover. This cleaner requires only a minimum of conversion when going from dry to wet pick-up. Simply convert the nozzle on the end of the wands to a wet squeegee nozzle and remove paper filter bag. The elastic band should then be placed over the top of the foam filter next to the cover.

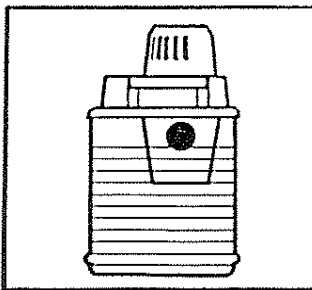
NOTE: Wet pick-up accessories should be washed periodically, especially after picking up wet, sticky kitchen accidents. This can be accomplished with a warm solution of soap and water. After completing a wet pick-up, raise the hose above the cleaner to permit any liquid in the hose to drain into the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

Emptying Liquid Wastes from the Tank

Shop-Vac Wet/Dry 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.

Automatic Shut-Off

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. When this happens, the motor will develop a higher than normal pitch noise. To continue use, empty the liquid waste from the tank as outlined in the previous paragraph.



NOTE: If accidentally tipped over, the vacuum could lose its suction. If this occurs, place vac in upright position and turn switch off. This will allow the float to return to its normal position and you will be able to continue operation.

Lubrication

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

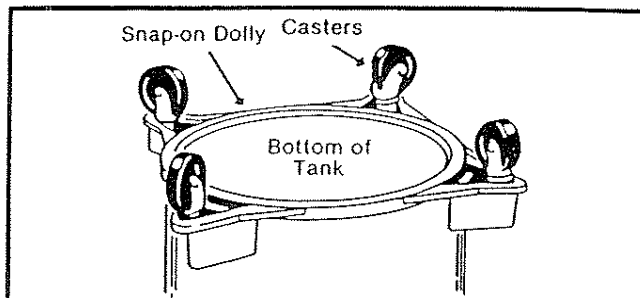
Troubleshooting

Trouble	Possible Cause	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.

Dolly Assembly

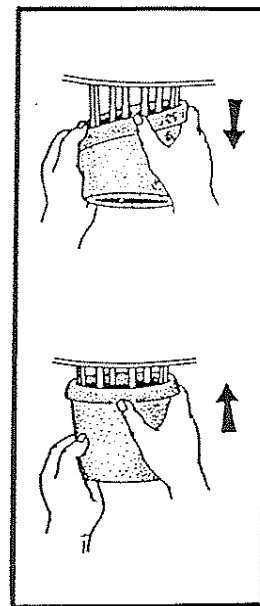
- 1 Prior to installation, set in room temperature for approximately 15 minutes.
- 2 You will find four swivel stem casters in a plastic bag. Install them into the caster socket by inserting the caster stem into the hole and applying pressure until you feel the caster snap in.
- 3 Remove tank cover and 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 on may snap off. If this occurs, don't be alarmed. This will not affect the durability nor operation of the dolly.



Filter

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 bag stretcher.
- 2 Shake excess dust off filter with a rapid up and down movement.
- 3 Hold filter under running water for a minute or two, rinsing from the inside. A water wash is not always required, depending on the condition of the filter.
- 4 Gently wring out excess water, blot filter with a clean towel, and allow to dry. 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 bag stretcher and slide into place.
- 6 See Dry Pick-Up Operation for care of paper filter.



Safety Rules:

- 1 Read the handbook completely before attempting to operate the unit.
- 2 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.
- 3 Don't allow the cleaner to be used as a toy, or to run unattended at any time.
- 4 Don't use accessories except as recommended and provided by Shop-Vac.
- 5 Don't use the cleaner if the cord, plug, motor, filter, or the cleaner itself is in poor condition. Have a qualified serviceman inspect and replace parts whenever necessary.
- 6 Do not pick up flammable or readily combustible material, hot ashes, coals or use in the presence of explosive liquids or vapor.
- 7 Don't use your cleaner as a sprayer of flammable liquids such as oil-base paints, lacquers, household cleaners, etc.
- 8 Don't use cleaner in an enclosed space where flammable, explosive or toxic vapors are given off by oil-base paint, paint thinner, gasoline, some mothproofing substances, etc., or in an area where flammable dust is present.
- 9 Don't pick up burning cigarettes or other smoking materials.
- 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 change bags or clean the unit until the plug has been removed (pulled out or disconnected) from the wall receptacle.
- 12 Don't abuse cord. Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges. Don't close doors on the cord or snag it under furniture or doors with sharp edges.
- 13 Extension Cord — When using the tool at a distance where an extension cord becomes necessary, a 3-conductor, grounding cord of adequate size must be used for safety, and to prevent loss of power and overheating. Use the table below to determine A.W.G. Wire size required.

Extension Cord Length in feet	25	50	75	100
A.W.G. Wire size required: 120V	18	16	14	12

Before using tool cord or extension cord, inspect them for loose or exposed wires and damaged insulation. Make any needed repairs or replacements before using your power tool. Use only three wire extension cords which have three-prong grounding-type plugs and three-pole receptacles which accept the tools plug. Replace or repair damaged cords. If using an extension cord when vacuuming liquid, be sure the connection does not come in contact with the liquid.

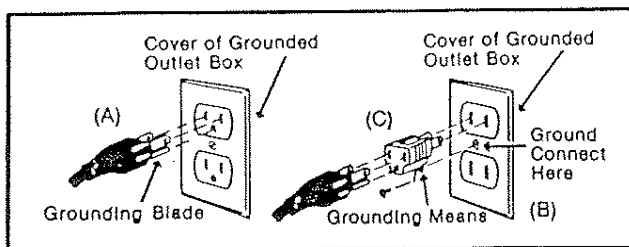
WARNING — TO AVOID ELECTRIC SHOCK DO NOT EXPOSE TO RAIN — STORE INDOORS.

Grounding Instructions

To protect the operator from electrical shock, this cleaner is equipped with an approved three conductor cord and grounding type plug. This plug is to be used only with the proper grounding type receptacle.

Your cleaner has a plug that looks like that shown in sketch (A).

An adapter, see sketch (B) and (C), is available for connecting three-prong type plugs to two-prong receptacles. The green-colored rigid lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box.



Features

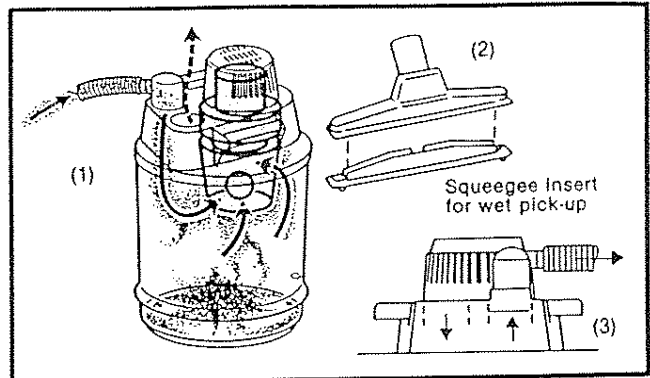
The Shop-Vac Motor is mounted above the tank so that it is kept clear of dust, debris and water that accumulate on the bottom of the tank.

A Filter Assembly mounted under the motor unit prevents fine dust from clogging the motor and escaping through the exhaust (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 wet/dry nozzle will do most of the floor chores encountered (2). The squeegee insert is for wet pick-up applications.

The Shop-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 (3).



Unpacking and Set Up

- 1 Take off tank cover and remove any accessories which have been shipped in the tank. Install the paper filter (referring to the illustration under "Dry Pick-Up Operation").
- 2 Attach plastic snap-on dolly following detailed instructions.
- 3 Replace tank cover, and apply pressure with thumb to each latch until it snaps tightly in place over raised area on the tank cover where it says "CLAMP". Make sure all three lid latches are clamped securely.
- 4 Slip cleaner end of 1 1/4" flexible hose into the intake port.
- 5 Attach the 1 1/4" diameter extension wands to the accessory end of the hose. Twist slightly to tighten connection.
- 6 Attach the wet/dry nozzle to the extension wands. Twist slightly to tighten connection.
- 7 Plug the cord into the wall outlet. Your cleaner is ready for use.

Some models provide a 2 1/2" hose system. If available, it can be used when larger debris is encountered. To use the 2 1/2" accessories, insert the 2 1/2" hose directly into the intake port. Trying the various accessories, you will quickly find the right combination to fit your particular cleaning needs.

