

Powr-Flite[®]

OPERATOR'S MANUAL

COMMERCIAL UPRIGHT VACUUM CLEANER

MODEL PF99

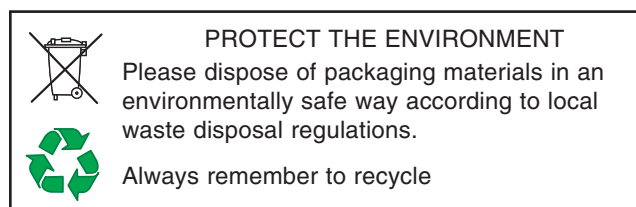


**WARNING: OPERATOR MUST READ AND UNDERSTAND THIS MANUAL
COMPLETELY BEFORE OPERATING THIS EQUIPMENT.**

Save These Instructions

INDEX

Check the carton for shipping damage. Carefully unpack and inspect your new Powr-Flite vacuum for shipping damage. Each unit is tested and thoroughly inspected prior to shipping. If damage is discovered, immediately notify the transportation company that delivered your machine and request an inspection. As a manufacturer, we are unable to act upon any claim for concealed damage; you must originate the claim. Be sure to keep the carton, packing inserts, packing lists, and carrier's receipt until the inspector has verified your claim.



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MANUAL

This manual has important information for the use and safe operation of the vacuum cleaner. Read this manual carefully before starting the machine. Keep the manual available at all times and instruct all operators to read this manual.

REFERENCE INFORMATION

Reference Information

Model Number _____
Serial Number _____
Date Purchased _____

Retain this manual as a permanent record of your purchase.



Your Model Number and Serial Number can be found on the rating plate on the housing.

IMPORTANT SAFETYGUARDS

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

READ ALL INSTRUCTIONS BEFORE USING THIS VACUUM CLEANER

WARNING

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

- Do not use outdoors or on wet surfaces.
- Connect to a properly grounded outlet only. See grounding instructions.
- Do not leave vacuum cleaner when plugged in. Turn off the switch and unplug the electrical cord when not in use and before servicing.
- Always turn off this vacuum cleaner before connecting or disconnecting motorized nozzle.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If vacuum cleaner is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center before using.
- Do not pull or carry by cord. Do not use cord as a handle. Do not close a door on cord or pull cord around sharp edges or corners. Do not run vacuum cleaner over cord. Keep cord away from heated surfaces.
- Do not use extension cords or outlets with inadequate current carrying capacity.
- Turn off all controls before unplugging.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or vacuum cleaner with wet hands.
- 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 airflow.
- This vacuum cleaner creates suction and contains a revolving brush roll. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not place vacuum cleaner on furniture or stairs as the brush roll may cause damage. Use extra care when cleaning stairs. Place vacuum cleaner on floor with the handle in storage position while using attachments.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without disposable dust bag and motor filter in place.
- Belt pulleys can become hot during normal use. To prevent burns, avoid touching the belt pulley when servicing the drive belt.
- Do not use to pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.
- Store your vacuum cleaner indoors in a cool, dry area.
- Keep your work area well lighted.
- Unplug electrical appliances before vacuuming them.
- Use extra care when cleaning on stairs.
- **WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

WASH HANDS AFTER HANDLING.

SAVE THESE INSTRUCTIONS

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.

This appliance is for use on a nominal 120 volt circuit and has a grounding attachment plug that looks like the plug illustrated in Fig. 1. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance.

WARNING - 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.

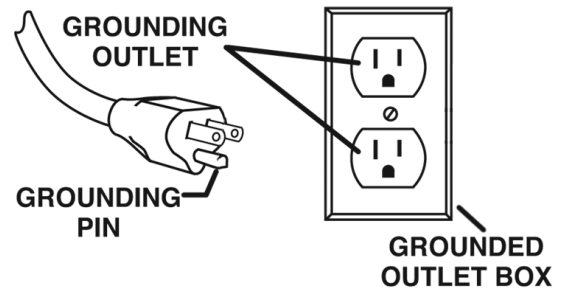
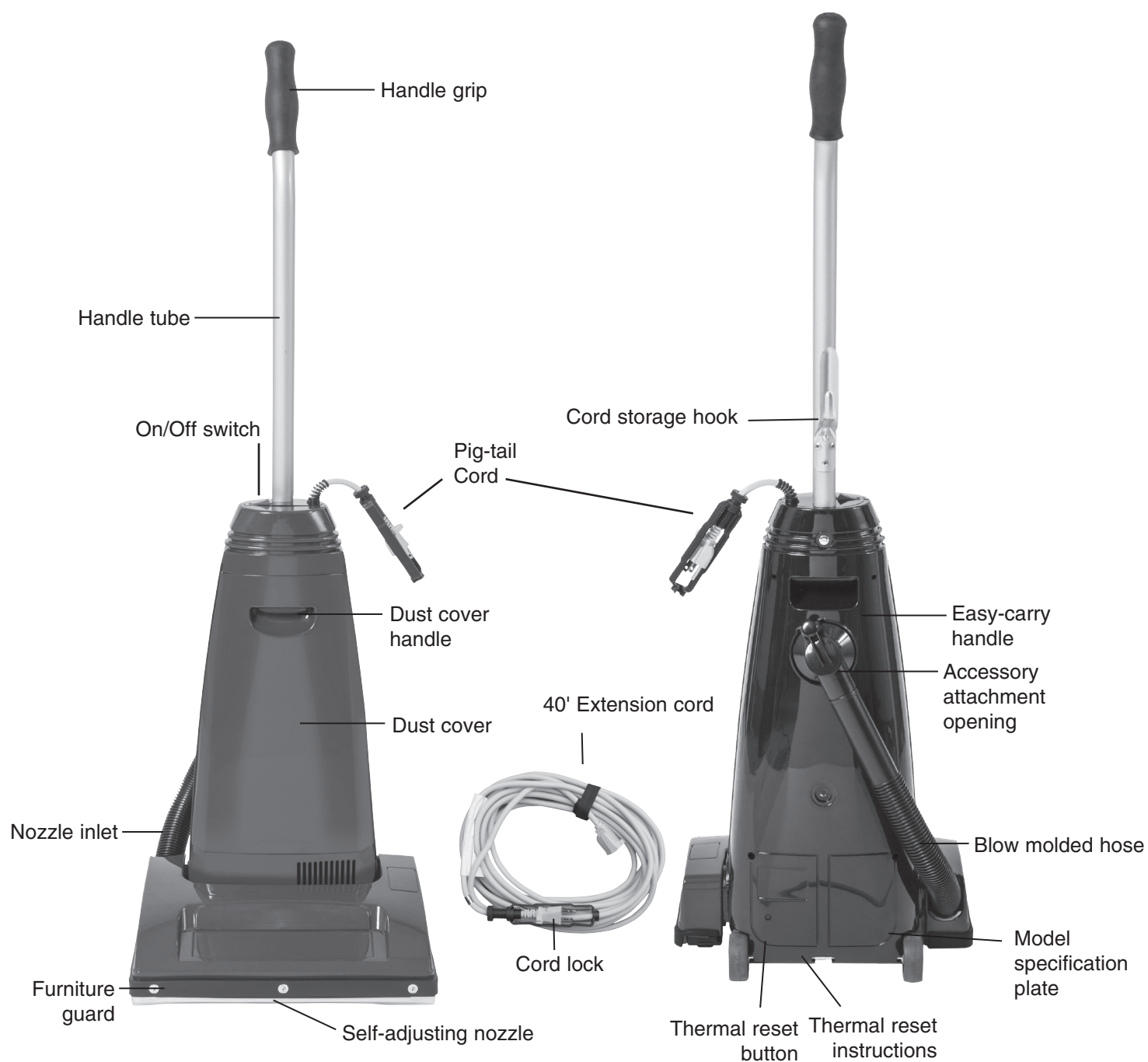


Fig. 1

PARTS IDENTIFICATION



REPLACEMENT BAGS/FILTERS

- X1999 - Genuine Powr-Flite Vacuum HEPA Filter Bags 25 pk.
- CPH - 6 - HEPA Filter Bag 6 pk.
- CPP - 3 - Paper Bag 3 pk.
- Genuine Powr-Flite Belt Part # B014-0714

HOW TO ASSEMBLE AND OPERATE THE VACUUM

How to Attach the Handle to the Vacuum Cleaner

The cleaner and the handle are packed separately.

1. After first removing the handle screw, insert handle into the hole on top of the vacuum cleaner. Make sure that the handle is positioned correctly with the cord hook on the backside of the handle.(Fig. 1).
2. Line up the small hole on the handle with the small hole on the vacuum cleaner and insert the screw. Make sure the screw is tightened securely. (Figs. 2 - 3).
3. Plug the extension cord into the pig-tail cord and fasten with the cord lock part. (Fig. 4).
4. Place the coiled power cord on to the cord storage hook.(Fig. 5).

How to Wrap the Power Cord

1. To reduce twisting of the power cord, start at the cleaner handle end of the cord and coil before storing on the storage hook.

On/Off Switch (Fig. 6)

1. To turn the vacuum on, push the switch located on the dust compartment to the (I) position.
2. To turn the vacuum off, push the switch located on the dust compartment on the (0) position.



Fig. 1

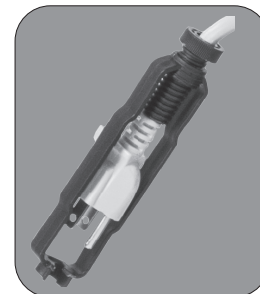


Fig. 4



Fig. 2



Fig. 5



Fig. 3



Fig. 6

HOW TO CHANGE THE DUST BAG

Always operate the vacuum cleaner with a dust bag installed.

How to Change the Dust Bag

1. Unplug the vacuum cleaner. Remove the dust cover from unit using dust cover handle. Remove the used bag from the bag holder (Fig.1).
2. Spread out the end of the new dust bag (Fig. 2).
3. Attach the new dust bag onto the bag holder (Fig. 3). To ensure proper cleaning and extended motor life, make sure the secondary bag support is always in place.
4. Reinsert the tab on the end of the dust cover into the groove on the dust compartment housing. Press it into place and fasten the dust cover tightly (Fig. 4).



Fig. 1



Fig. 2



Fig. 3



Fig. 4

HANDLE ADJUSTMENTS

The handle on this vacuum cleaner can be set to one of three positions – upright, middle, or low.

How to Adjust the Handle

1. To release the handle, step on the PowrFoot label on the nozzle and tip the handle backwards. (Fig.1).
2. Middle position – for normal cleaning (Fig. 2).
3. Upright position – for when cleaning tools are used or for storage (Fig 3). Handle locks in this position.
4. Low position – for cleaning under furniture (Fig. 4).



Fig. 1

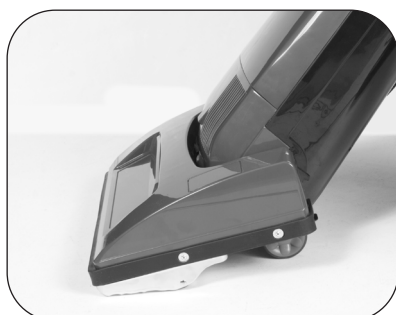


Fig. 2



Fig. 3

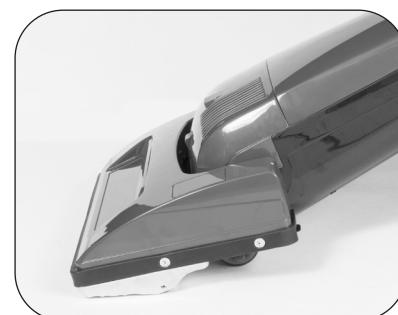


Fig. 4

MOTOR PRE-FILTER

Your Powr-Flite vacuum cleaner is equipped with a motor pre-filter to protect the motor from dirt. Accumulated dirt in the dust compartment will be collected on this filter and may restrict motor performance. It is important to clean the filter regularly as needed.

To Clean Motor Pre-Filter:

1. Unplug the vacuum cleaner. Remove filter bag.
2. Remove bag support (Fig. 5).
3. Remove filter and clean with water only. Allow to air dry 24 hrs. (Fig. 6).
4. Reinsert filter and bag support. Reinstall filter bag.



Fig. 5



Fig. 6

EDGE CLEANING FEATURE

The edge cleaning feature provides for improved cleaning of carpets near wall and stationary furniture.

AUTOMATIC SELF-ADJUSTING RUG NOZZLE

Your Powr-Flite upright vacuum cleaner is designed with an Automatic Self-Adjusting Rug Nozzle. No manual adjustments are required. The height of the rug nozzle is instantly and automatically adjusted to carpet pile height. This self-adjusting feature allows the rug nozzle to float evenly over all carpet pile surfaces.

OPTIONAL CLEANING TOOLS/ACCESSORIES

Attachment Set TWK-12

- 12 - foot wire reinforced hose w/suction regulator
- Extension wand (2 pieces)
- Dusting brush
- Crevice tool
- Upholstery tool w/removable brush
- Wall and floor brush



Fig. 1

Connecting the hose assembly to the vacuum cleaner:

Open the lid located on the back side of the vacuum cleaner and insert the plastic end of the hose assembly into the cleaning attachment opening. Then connect the wand(s) to the hose assembly (Fig. 2).

How to connect the tool:

You can connect any of the cleaning tools to the end of the extension wand(s). Push the cleaning tool onto the extension wand(s). To remove the cleaning tool from the extension wand(s) pull off the tool.



Fig. 2

HOW TO REPLACE THE DRIVE BELT

CAUTION:

First, unplug the vacuum cleaner.

How to Remove the Bottom Plate.

1. Step on Power-Foot label and pull back to release handle.
2. Place vacuum cleaner in the low position. Then turn the vacuum cleaner over, exposing the underside.
3. Remove the lower plate by sliding the two locking tabs towards the center of the vacuum underside. (Fig. 1)

How to replace the belt.

1. Turn the unit over and remove the lower plate as described in the preceding section. (Fig. 1)
2. Remove belt guard. (Fig. 2)
3. Remove the agitator holder. (Fig. 3)
4. Take out the agitator assembly and remove belt from the agitator and the motor drive shaft. (Fig. 4 & 5)
5. Loop the new belt around the agitator and the motor drive shaft. (Fig. 6)
6. Reinsert the agitator assembly back into housing Turn the agitator assembly by hand, making sure the belt is not twisted and all rotating parts move smoothly, (Fig. 7).
7. Reinsert the agitator holder. Be sure that the agitator holder is in place before fastening the lower plate. (Fig. 8).
8. Replace the belt guard. (Fig. 9).
9. Hook the front end of lower plate to the two ribs on each side at the front end of the housing. Press the lower plate into place and lock by sliding both locking tabs towards the outside of the vacuum underside. (Fig. 9).

NOTE: To ensure maximum cleaning efficiency, the belt should be checked regularly to be sure it is in good condition. Check to see if the belt is stretched, cracked, or if excessive slipping is occurring. Replace it if needed.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

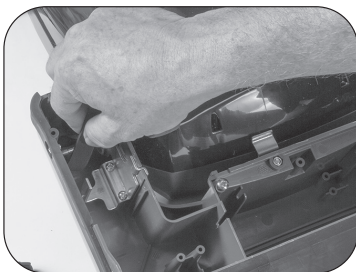


Fig. 5

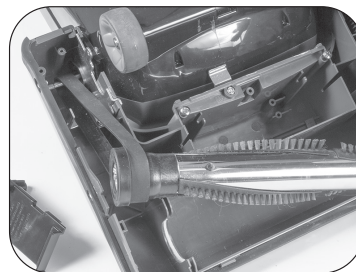


Fig. 6



Fig. 7



Fig. 8



Fig. 9

REPLACING THE AGITATOR ASSEMBLY

Brushes should be replaced when they are worn or when the bristle does not touch a card that is held across the nozzle. You should replace all four brushes at the same time in order to maintain good cleaning efficiency.

Remove E-clip first from agitator shaft by using screw driver. Then remove the end cap at right end by holding the agitator assembly. Pull out the agitator shaft from the left end.

NOTE: Take care not to deform the agitator shaft.

Now the brushes can be removed easily. After inserting the new brushes, re-install the agitator pulley and agitator holder, making sure they are completely and firmly inserted. Reinstall other parts following the steps in reverse.

Be sure the end caps and filters are in place before fitting the E-clip back into place. Reinstall the agitator assembly as described in preceding section.

HOW TO CLEAN THE NOZZLE HOSE

CAUTION:

Unplug the vacuum cleaner.

The nozzle hose, located on the back of the vacuum cleaner, carries the dirt from the nozzle to the filter bag. The hose also functions as the attachment cleaning hose. If the hose should become clogged:

1. Pull out and turn the lid of the cleaning attachment opening. Remove the clog or blockage (Fig. 1).
2. If the above step is not enough, remove hose cuff from the nozzle inlet (Fig. 2). Turn the unit over and unscrew and remove the bottom plate (see "How To Remove Bottom Plate."). Check nozzle inlet tube for obstructions. Clear tube and reinstall the bottom plate.



Fig. 1



Fig. 2

THERMAL FUSE PROTECTION

Your Powr-Flite vacuum cleaner comes equipped with a Manual Reset Thermal Fuse Protector. This thermal protector is designed to protect your vacuum cleaner from overheating due to a cutoff in airflow (i.e. clogged hose, operating the vacuum without a bag). Should this situation occur, the thermal fuse protector will safely shut off your vacuum cleaner to avoid any potential damage.

To reset the thermal fuse:

1. Unplug the vacuum cleaner.
2. Check for problem (over filled bag, clog in hose, clogged filters, etc.).
3. Correct problem.
4. Locate "tripped" fuse — the small red button located on the bottom of the back side of the main body (roughly one inch to the right of the left wheel).
5. Using a pencil, paper clip, or other pointy object, push the reset button.
6. Plug vacuum cleaner in and begin using.

Please refer to your Authorized Powr-Flite Dealer with any questions.

FOR BEST PERFORMANCE

- Keep machine and all accessories clean and in good operating condition.
- Change filter bags and filters as recommended to maintain optimum cleaning efficiency.
- Always use genuine Powr-Flite filter bags and filters, as use of other products may result in poor cleaning or filtration performance. Powr-Flite filtration products are designed for maximum performance.
- Have machine checked periodically by an Authorized Powr-Flite Vacuum Service Center.
- Use only Powr-Flite Vacuum Cleaner authorized Service Centers for parts or service.
- Store machine carefully in dry area.
- For optimum cleaning performance and safety, study and follow your Owner's Manual. Keep it in a handy and safe place for future reference.

For warranty information go to www.Powr-Flite.com

Powr-Flite[®]

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