

OWNER'S MANUAL

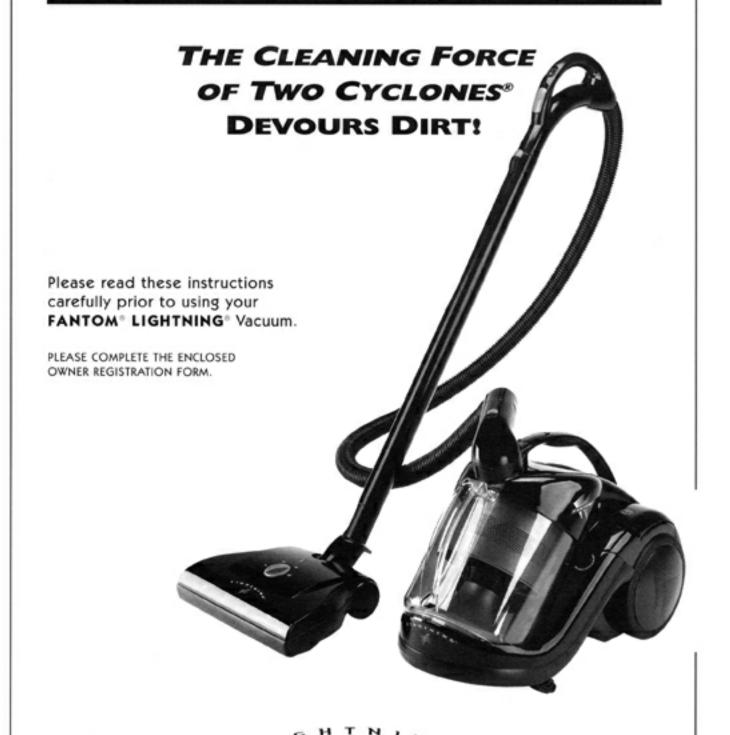


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QUESTIONS? CALL TOLL FREE THE FANTOM® HELP LINE. 1-800-668-9600

or visit our web site at http://www.fantom.com

LIMITED WARRANTY

Fantom Technologies Inc. warrants this vacuum cleaner, to the original consumer-purchaser or gift recipient, to be free from defects in material and workmanship for a term of two years from the date of purchase only when used in accordance with Fantom Technologies Inc.s Operating Instructions. The warranty is invalid if the machine is used for commercial or rental purposes.

This warranty does not apply:

- to normal wear parts that require replacement under normal use, including, but not limited to, rubber parts, hoses, drive belts, bumpers, filters and attachments;
- ii) to ordinary wear and tear and blockages which occur during use; and
- iii) to vacuum cleaners which have been subject to abuse, misuse, negligence or accident, or to damage or defects which were caused by unauthorized or improper use, modification, alteration, service or repair.

This warranty is extended only to the original consumer-purchaser or gift recipient of the vacuum cleaner in Canada and may be enforced only by such person. If the vacuum cleaner is found to be defective during the warranty period, it will, at Fantom Technologies Inc.s option, be replaced or repaired without charge, if reported within the warranty period in accordance with the following instructions:

- Call the Fantom Help Line, toll free, at 1-800-668-9600 to register the problem.
- You will be given the name of an Authorized Fantom Technologies Inc. Service Centre.
- Take the vacuum cleaner along with proof-of-purchase to the designated Service Centre for final assessment and warranty repairs, if deemed appropriate by the designated Service Centre.
- 4. If there is no local Authorized Service Centre, you may be requested to ship your vacuum (postage pre-paid) to the nearest Authorized Service Centre for final assessment and warranty repairs, if deemed appropriate by the designated Service Centre. Care must be exercised when the vacuum is shipped, as Fantom Technologies will not be responsible for warranty repairs to products damaged during transit.

Any repair or replacement under this warranty shall not extend the warranty period.

THIS ABOVE WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES WHETHER ORAL OR WRITTEN. ANY IMPLIED WARRANTIES WHICH MAY ARISE BY OPERATION OF LAW, INCLUDING THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE TWO-YEAR DURATION FROM THE DATE OF PURCHASE OF THE WRITTEN WARRANTY SET FORTH HEREIN.

UNDER NO CIRCUMSTANCES, WHETHER ALLEGED AS A RESULT OF BREACH OF CONTRACT OR WARRANTY, NEGLIGENCE OR OTHERWISE, SHALL FANTOM TECHNOLOGIES BE LIABLE TO PURCHASER OR GIFT RECIPIENT OR ANY OTHER PERSON FOR SPECIAL INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION DAMAGES TO, OR LOSS OF USE OF, PROPERTY. FANTOM TECHNOLOGIES LIABILITY WILL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE VACUUM CLEANER.

Some Provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

No agent, employee or representative of Fantom Technologies Inc. nor any other person is authorized to modify this warranty in any respect.

This warranty gives you specific legal rights and you may also have other rights which vary from province to province.

IMPORTANT SAFETY INSTRUCTIONS

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

READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THIS APPLIANCE.

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

- The control switch on the Hose Handle is marked () 0 is the off position and I is the on position of the switch.
- Do not leave appliance when it is plugged in. Unplug from the outlet when the appliance is not in use, and before servicing.
- Do not use outdoors, or on wet surfaces.
- 4. Do not allow the appliance to be used as a toy. Close attention is necessary when it is used by or near children.
- 5. Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If the appliance is not working as it should, if it has been dropped, damaged, left outdoors, or has been dropped into water, return it to an authorized Fantom Technologies Service Centre for inspection, or call 1-800-668-9600 for an authorized Service Centre near you.
- Do not pull or carry by cord, use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners. Do not run appliance over the cord. Keep cord away from heated surfaces.
- 8. Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance 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.
- 11. Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes, while operating the machine.
- Do not operate without the Collection Bin in proper place, as damage to the motor may occur.
- Turn off the Switch before unplugging.
- Use extra care when cleaning on stairs. Always vacuum above the machine on stairs.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Unplug vacuum before servicing. This includes such tasks as cleaning the rotating brush since it could suddenly
 restart, removing a blockage or replacing a broken belt.
- The machine should be turned off before removing or replacing the Collection Bin, HEPA Filter and Pre-Filter Cartridge.
- 19. The FANTOM' LIGHTNING' vacuum is protected from overheating by an automatic reset thermal limiter. If the vacuum cleaner shuts itself off, unplug the machine and check for blockages. Allow the vacuum cleaner to cool for 30 minutes before restarting.
- The hose contains electrical wires. Do not use if damaged cut or punctured. Avoid picking up sharp objects.
- When cleaning the outside of your machine, wipe with a damp versus a dry cloth. This will reduce the static electricity on the outer surface.
- Have repairs made by an authorized Fantom Technologies Service Centre. Do not try self repair as this will invalidate
 your warranty.
- 23. Use the FANTOM[®] LIGHTNING[®] vacuum only for its intended use as described in this Owner's Manual.
- 24. ALWAYS TURN OFF this appliance before connecting or disconnecting hose, motorized nozzle and wand.

SAVE THESE INSTRUCTIONS. POLARIZATION

To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

FANTOM® LIGHTNING® VACUUM FEATURES

Dear FANTOM LIGHTNING Vacuum Owner:

Congratulations! You are now the proud owner of one of the finest vacuum cleaners made in North America.

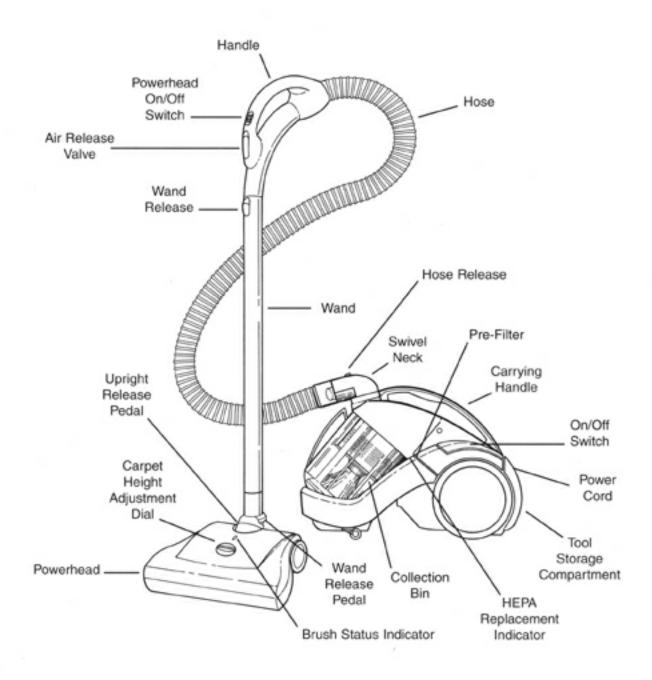
The FANTOM LIGHTNING vacuum presents a remarkable advance in household cleaning.

It all began when its originators challenged the traditional standards of vacuuming performance. They sought to improve upon existing technology by harnessing the force of two cyclones in sequence.

The result is a product that provides many advantages in power, performance and cleaning ease. Best of all, this vacuum is user friendly. And, because it doesn't use paper filter bags, it is environmentally friendly.

Please read this Owner's Manual carefully to understand fully the features of the FANTOM LIGHTNING vacuum.

Also, PLEASE SAVE THIS OWNER'S MANUAL.

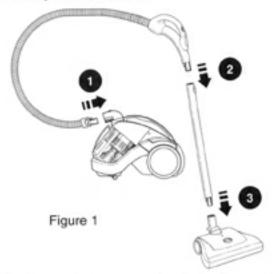


UNIT ASSEMBLY

Hose, Wand & Powerhead Assembly:

(Figure 1)

To assemble your FANTOM^s LIGHTNING^s vacuum, assemble the Hose, Wand and Powerhead by fitting together at joints 1, 2, and 3.



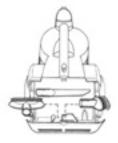
- First, insert the Hose into the Swivel Neck on top of the main unit. To release, press the colored button on top of Swivel Neck.
- Next, insert the Handle into the large end of the Wand until you hear a click. To release, press the colored button on the Wand and pull the handle out while the button is depressed.
- Finally, insert the smaller end of the Wand into the Powerhead Neck. To release, depress the upper colored pedal on the Powerhead Neck and remove.

Attachments (Figure 2)

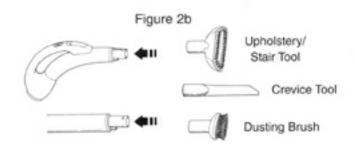
The FANTOM LIGHTNING vacuum s 3 handy attachments neatly store on board at the back of the vacuum in the Tool Storage Compartment. These attachments will fit on both the end of the Handle and the Wand. To release the Tool Storage Compartment Door push down on the coloured button just above the compartment door.







PLEASE NOTE: When placing the tools back in the Tool Storage Compartment area, the Upholstery/Stair Tool must be placed back side up with the bristles facing up. Also, the Dusting Brush must be flat when putting it back.



OPERATION

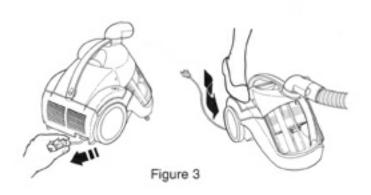
PLEASE READ THESE INSTRUCTIONS CAREFULLY:

IMPORTANT:

DO NOT ATTEMPT TO PICK UP LARGE SURFACE LITTER, CELLOPHANE, TWINE, OR LARGE SOLID OBJECTS SUCH AS COINS, PAPER CLIPS, SAFETY PINS ETC. IF OBJECTS SUCH AS THESE ACCIDENTALLY BECOME CAUGHT IN THE ROTATING BRUSH, A LOSS OF SUCTION AND CLEANING ABILITY CAN RESULT.

A. POWER CORD RELEASE AND REWIND: (Figure 3)

The Power Cord is located underneath the Tool Storage Compartment at the back right hand side of the vacuum. To pull out the Cord, grab hold of the pull tab on the Plug, and pull out to desired length. To rewind, press on the Power Cord Rewind Switch located above the right wheel and hold. The Power Cord Rewind Switch is marked:



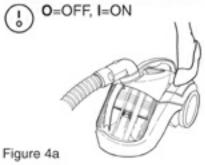
Helpful Hint: The straighter the Power Cord is before rewinding, the better and faster it will rewind.

OPERATION

B. SWITCHES: (Figure 4)

On/Off Unit Power Switch:

To turn your FANTOM¹ LIGHTNING¹ vacuum on or off, press the switch down with your foot or hand. The switch is located above the left wheel marked:



NOTE: This will not turn on the Rotating Brush for the Powerhead if the Powerhead Switch is in the off O position.

On/Off Powerhead Switch:

To turn on the Powerhead, simply flip the Switch located on the Handle. **O**=OFF, **I**=ON



NOTE: You will know the Powerhead is on when the Brush Status Indicator on the Powerhead is green. When the Brush Status Indicator is clear the Rotating Brush is off, but suction is operating.

C. UPRIGHT WAND RELEASE: (Figure 5)

To release the Wand from its upright-storage position, simply press the bottom colored Pedal located behind the Powerhead, and pull the Wand back into a comfortable position in your hand to vacuum.

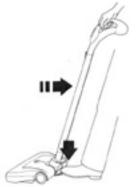


Figure 5

D. CARPET HEIGHT ADJUSTMENT ON POWERHEAD: (Figure 6)

There are four specific height adjustments controlled by the carpet height adjustment dial located on the top of the Powerhead. Move the dial from left to right to adjust:

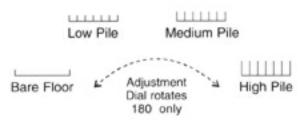


Figure 6

NOTE: This Adjustment Dial does not rotate 360 degrees, only 180 degrees.

E. CARRYING HANDLE: (Figure 7)

To carry your FANTOM LIGHTNING vacuum simply grasp the Carrying Handle located on the top of the vacuum.

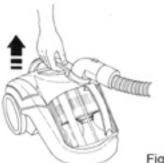


Figure 7

NOTE: The handle on the Collection Bin should not be used to carry the vacuum.

F. STAIR CLEANING (Figure 8)

The FANTOM LIGHTNING vacuum has a unique STAIRHUGGER design that allows the vacuum to sit on the stairs.

There are also rubber stoppers on the base of the vacuum to provide additional gripping on stairs without carpets.

To lift your FANTOM LIGHTNING vacuum from stair to stair, simply grasp the black Carrying Handle on the main unit of the vacuum.

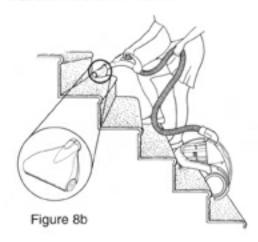
OPERATION



For Owners with the Mini Powerhead Accessory:

The Mini Powerhead is a truly remarkable cleaning tool. The Mini Powerhead is ideal for stairs, upholstery and getting into small areas.

The Mini Powerhead will attach to either the Handle or Wand depending on the need and can be used on bare floors or carpets. To turn the Rotating Brush on for vacuuming carpets, simply turn on the Switch located on the handle I. To order a Mini Powerhead or other optional accessories, see the Accessory Order Form at the back of the Owners Manual.



SAFETY NOTE: Always vacuum above the machine on the stairs for your safety

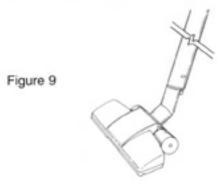
G. BARE FLOOR CLEANING (Figure 9)

To clean bare floors set the Height Adjustment Dial on the bare floor setting, with the Dial located to the far left when facing the Powerhead.

Turn off the Rotating Brush on the Powerhead by flipping the Switch located on the Handle. You will notice the green light on the Brush Status Indicator will turn off.

For owners with the Floor Nozzle Accessory:

The optional Bare Floor Nozzle is ideal for tackling tougher cleaning jobs on bare floors. To use the Floor Nozzle accessory turn off the power. Then release the Powerhead from the Wand by pressing the Wand Release Pedal. Place the Wand end into the neck of the Floor Nozzle accessory, turn the unit on and begin vacuuming bare floors. To order a Floor Nozzle Accessory, see the Accessory Order Form at the back of the Owners Manual.



H. ABOVE FLOOR CLEANING

To clean above floor surfaces and high places, attach the appropriate tool to either the Handle or the end of the Wand.

To reduce suction when vacuuming drapes, simply press down on the Air Release Valve located on the Handle below the On/Off Switch.

I. EMPTYING THE COLLECTION BIN (Figure 10)

IMPORTANT: For optimum performance, be sure to clean the Pre-Filter every time you empty the Collection Bin. (See MAINTENANCE, section D. Pre-Filter Removal and Cleaning.

 To empty the Collection Bin, pull back the colored release catch under the Carrying Handle and raise the top of the machine.



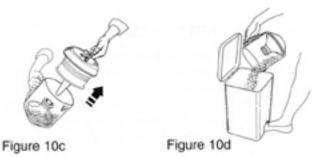
Figure 10a

Using the handle on the Collection Bin, lift it out of the machine.

OPERATION



- 3. Take the Collection Bin to the your household garbage bin.
- 4. Lift out the Bin Top Cyclone Assembly using the handle provided on the top. Note, this in not a carrying handle.
- Empty Collection Bin contents into the garbage



Helpful Hint: As you are lifting out the Cyclone Assembly, gently shake it against the garbage bin to remove all loose debris.

6. If you like, you can wash out the collection bin and/or the Cyclone Assembly.



Figure 10e

NOTE: Make sure the interior of the Collection Bin and the Cyclone Assembly are thoroughly dry before putting it back into the vacuum.

- To put the Collection Bin back into the vacuum, simply reverse the order, but NOTE that there are two locating features to help you.
 - There is a knob on the top of the Bin Cover and a groove on the Collection Bin located just above the Bin's Carrying Handle. The Bin Cover knob must line up with the groove.
 - ii) There are a series of ribs on the back of the Collection Bin which fit neatly into a depression in the valley of the vacuum base.

IMPORTANT: Close the Top of the machine by fitting it back into the Collection Bin.

NOTE: Make sure that you hear a click so that you know that it is firmly in place.

J. KEEPING THE ROTATING BRUSH CLEAN

The Rotating Brush on the Powerhead is designed to perform effectively for long periods of time. However, hair, string, and other debris can accumulate. Check the brush for accumulation.

NOTE:

- WARNING: Unplug machine before cleaning out brush area as brush could suddenly restart.
- 2. See MAINTENANCE SECTION of this manual for the removal of debris and blockages.

K. STORAGE (Figure 11)

To store your FANTOM® LIGHTNING® vacuum you can disassemble the vacuum by following the instructions under Unit Assembly on page 4 and store in a convenient location. If you choose to keep your FANTOM LIGHTNING assembled, put the Wand in its upright-storage positon by gently pushing the Wand forward until you hear a click.

For owners with the optional Storage Step Accessory: Compact storage is easy with the Storage Step.

To Assemble the Storage Step:

 Insert each end of the Floor Tube into the two bottom holes of the Main Base Support. Push the Floor Tube into the Main Base Support (about 2% or 6 cm) until the tube hits the inside wall of the Base and locks in place on both sides. (Figure A)

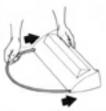


Figure A

- To secure the Floor Nozzle
 Support to the Floor Tube, align
 the bumps on the inside wall of
 the Support with the holes on
 the side of the Tubes. Snap
 each side in place, one at a time,
 then push back until the Support
 locks into place. (Figure B)
- To secure the Mini Powerhead Support to the Floor Tube, align the bumps on the inside wall of the Support with the holes on the side of the Tubes. Snap each side in place, one at a time, then push back until the Support locks into pace. (Figure C)
- Insert the Support Tube into the two top holes of the Main Base Support. Push down vertically (about 2 or 5 cm), until the ends of the Support Tube are firmly in place. (Figure D)



Figure B



Figure C

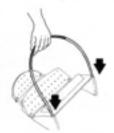


Figure D

To Store the Vacuum: (Figure 11)

- Put the Wand into its upright storage position by gently pushing the Wand forward until it clicks.
- Place the Base of the Vacuum on the Support Tube and slide the Powerhead underneath the Main Base Support in its upright storage position.
- Store both the Floor Mozzle and Mini Powerhead on their respective Supports.



Figure 11

L. OVERLOAD PROTECTION

Main Unit:

The FANTOM LIGHTNING vacuum has an Overload Protection System that is designed to shut the Motor off if it is subjected to an excessive load.

If this happens to you, turn off the machine and unplug it from the electrical source. Let it sit for half an hour (30 minutes). This machine has a Self-Resetting Overload Protector which automatically corrects itself. After 30 minutes, re-plug the machine into its electrical source, and turn on.

NOTE: If you are vacuuming in a very hot room, the cooling time could take longer.

Powerhead:

WARNING: Unplug machine before cleaning out brush area as brush could suddenly restart.

If your Rotating Brush jams, the Brush Status Indicator light on the Powerhead will automatically turn red. If this happens, turn off the power at the Handle and the main unit and unplug the vacuum. Check for an obstruction at the Rotating Brush Assembly and clean it out. If nothing is there, then you can plug in your vacuum and begin again.

For owners with the Mini Powerhead Accessory:

If the Mini Powerhead Accessory jams at the Rotating Brush Assembly, turn off the power at the Handle and main unit and unplug the vacuum. Check for an obstruction at the Rotating Brush Assembly and clean it out. Turn the Mini Powerhead over on its back, and press the red Reset Button located on the base. Then plug in and turn back on.

NOTE: If, when you turn it back on, nothing happens, then you will know that there is still an obstruction in the Rotating Brush. Check for the obstruction before vacuuming again.

On Board Tools

The Tool Storage Compartment is located behind the vacuum exhaust. Thus, clean, warm air passes through this compartment to exit the machine. If the machine has been running it is normal for the on board tools to feel warm to the touch when you remove them from the storage compartment.

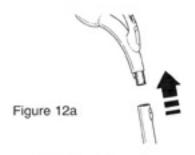
MAINTENANCE

A. REMOVING A BLOCKAGE (Figure 12)

There are three possible areas where a blockage could occur in your FANTOM¹ LIGHTNING¹ vacuum.

Wand:

Disengage the Wand from the Handle and the Powerhead, and use a straight pole to dislodge the blockage.



Powerhead:

WARNING: Unplug machine before cleaning out brush area as brush could suddenly restart.

If a blockage occurs, it is somewhere between the Rotating Brush Assembly and the Powerhead Neck. First, press down on the Wand Release Pedal to release the Wand from the Powerhead Neck. Then, press the Upright Release Pedal down so that the Powerhead Neck moves into a horizontal position. Finally, push a long firm narrow object, like a thin screwdriver, down the Neck portion of the Powerhead unit and dislodge obstruction.

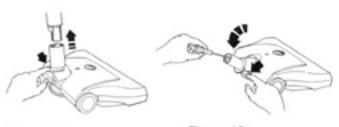


Figure 12b

Figure 12c

Swivel Neck:

The Swivel Neck is easy to inspect for an obstruction. Simply, do a visual sighting and remove obstruction.

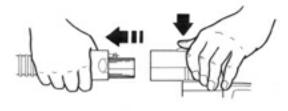
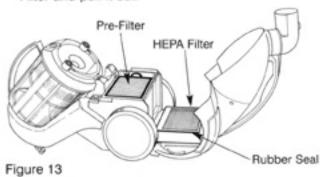


Figure 12d

B. REMOVING HEPA FILTER CARTRIDGE.

(Figure 13)

Ensure the Main Power Switch on the vacuum is off. Open the top of the main unit. Note that the HEPA Filter sits on the bottom inside base of the vacuum. Reach down and pull up on the back of the HEPA Filter and pull it out.



C. INSERTING A NEW HEPA FILTER CARTRIDGE.

To replace the HEPA Filter, locate the side of the HEPA Filter that has three ribs. Orient the filter so that the rubber seal is facing up. Locate the three angled tabs on the inside base of the vacuum. Slide the bottom ledge of the filter under the three tabs and push the HEPA Filter down until it locks into place.

How to extend the life of your HEPA Absolute Air Filter: Your HEPA Filter should last one to two years under normal household cleaning conditions like vacuuming living rooms, hallways, bedrooms, kitchens etc.

However, If you leave the HEPA Filter Cartridge in for abnormal domestic cleaning chores, such as vacuuming ash from a fireplace, drywall dust or sawdust from a carpentry work area, you will shorten the life of the Filter. To clean these areas, use a dust pan and brush for the excess dirt; then use the vacuum for the residue.

D. PRE-FILTER REMOVAL AND CLEANING (Figure 13)

IMPORTANT: For optimum performance, clean the Pre-Filter every time you empty the Collection Bin

- Simply place your finger underneath the Finger Tab on the Pre-Filter, and lift out. To put back in, align Pre-Filter to the opening, and press in.
- To clean the Pre-Filter, use soap and water or a brush if necessary. The Pre-Filter is also dishwasher safe.
- Always dry the Pre-Filter thoroughly before replacing in the machine.



OWNER REGISTRATION

Congratulations on the purchase of your FANTOM® LIGHTNING® vacuum!

This is your ownership registration. It is extremely important that you register your name and address below to guarantee an accurate record of your purchase and your warranty, and to ensure prompt service. Your FANTOM LIGHTNING vacuum carries a two year limited warranty. Details about this warranty and other important information about proper care and use of your FANTOM LIGHTNING vacuum is contained in this comprehensive OWNER'S MANUAL. Please read this manual carefully before operating your FANTOM LIGHTNING vacuum. For additional assistance, we offer the FANTOM* HOT LINE toll free: 1-800-668-9600 or visit our web site at http://www.fantom.com Detach here. REGISTRATION DET Name: OM OF Address: Postal Code Prevince Telephone (Date of Purchase: Model Number: _ Serial Number Where Purchased: TV Which? ☐ Television 800# ☐ The Shopping Channel ☐ Other ☐ Retail Where? Name of Store: □ Catalogue Which? _ Moisten glue strip and fold here. TO HELP US SERVE YOU BETTER, Please assist us by answering the following questions: My age category: Under 18 ☐ 18 to 25 26 to 35 36 to 45 ☐ 46 to 55 Over 65 ☐ 56 to 65 # of people in household? ____ Children under 2 years of age? ■ Do you live in: ☐ House ☐ Apt./Condo ☐ Mobile Home Square footage of home? 6 Do you own a: ☐ Dog(s) How many? ____ ☐ Cat(s) How many? ____ Marital Status: Married Single Occupation: Do you or someone in your household suffer from: Professional/Technical Allergies ____ Asthma ____ Both ___ Upper Management/Executive Which group describes your annual family income? Middle Management ☐ Under \$20,000 S20,000 to \$29,999 Sales/Marketing ☐ \$30,000 to \$39,999 ☐ \$40,000 to \$49,999 Clerical/Service Worker S50,000 to \$59,999 ☐ \$60,000 to \$99,999 Tradesman/Machine Operator/Laborer ☐ \$100,000 to \$149,999 ☐ \$150,000 & over Homemaker



THE CLEANING FORCE OF TWO CYCLONES® DEVOURS DIRT!

PLACE STAMP HERE

FANTOM TECHNOLOGIES DIRECT, INC. P.O. Box 1004 Welland, ON L3B 5S1