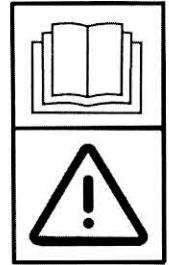
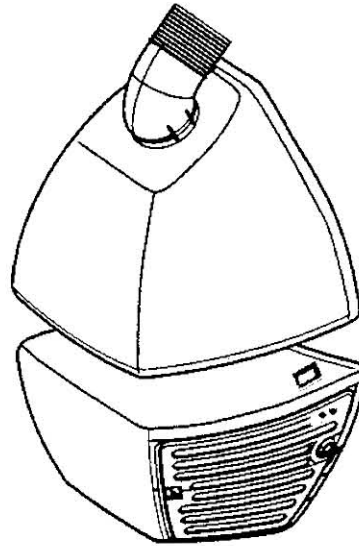


BackVacuum XP

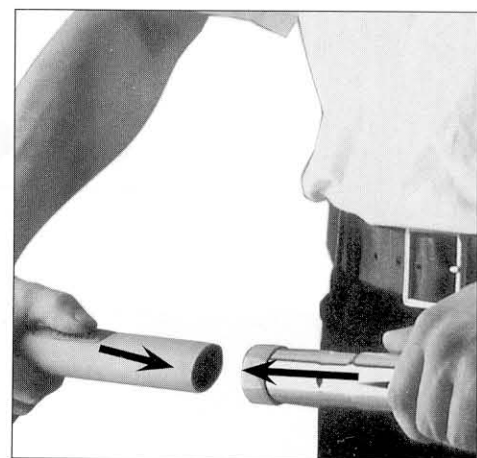
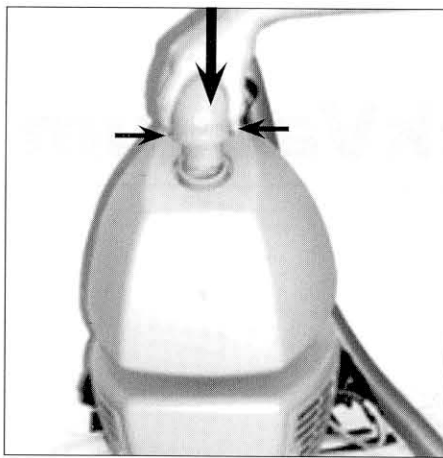


INSTRUCTIONS FOR USE
MODE D'EMPLOI
INSTRUCCIONES DE USE



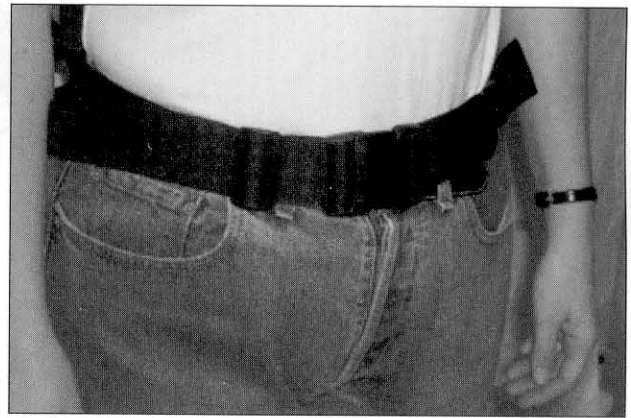
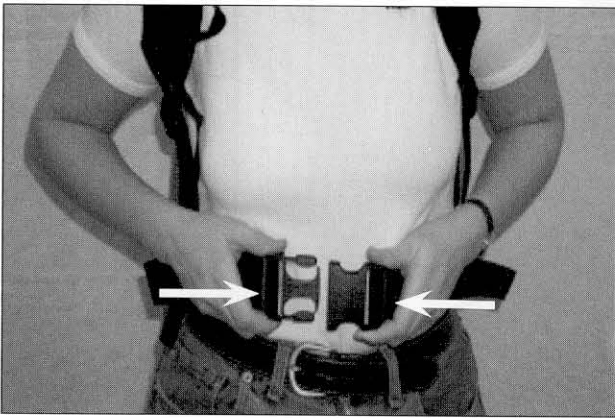
**Nilfisk
Advance**
setting standards

Ref.No. 823 0019 000
Form No. 56041508
Edition 2002-09



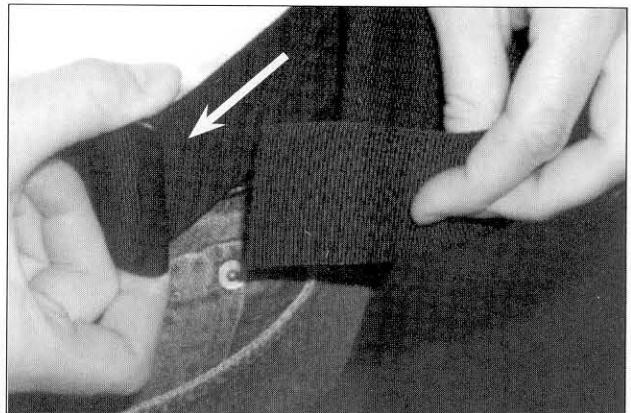
1

2



2A

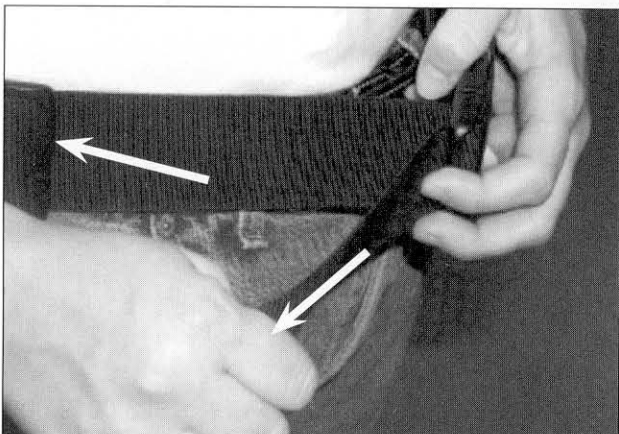
2B

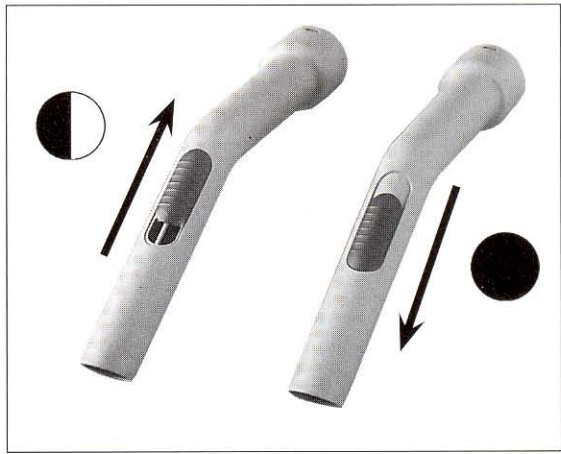
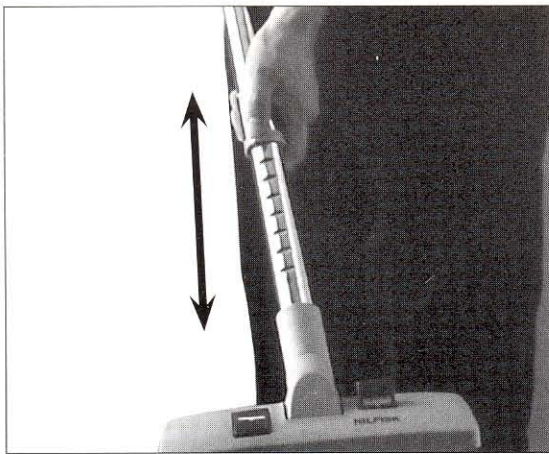


2C

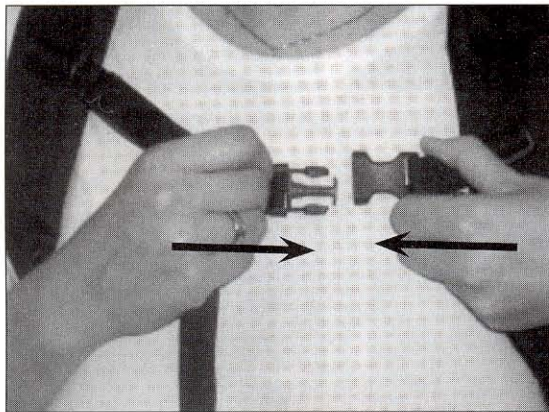
3

4

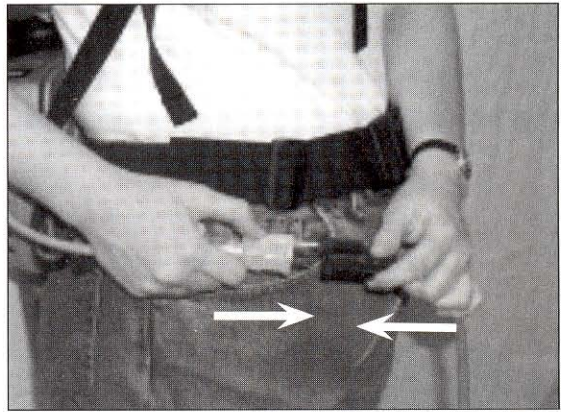




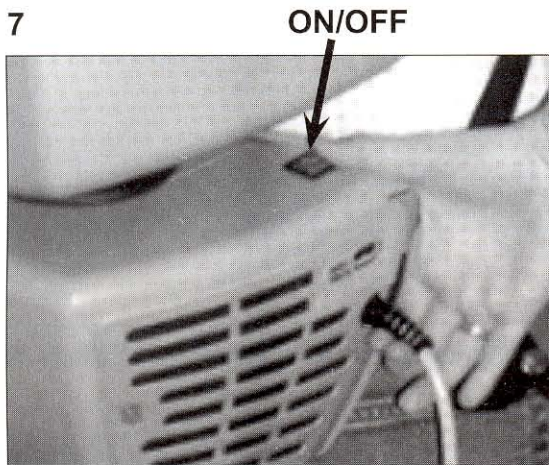
5



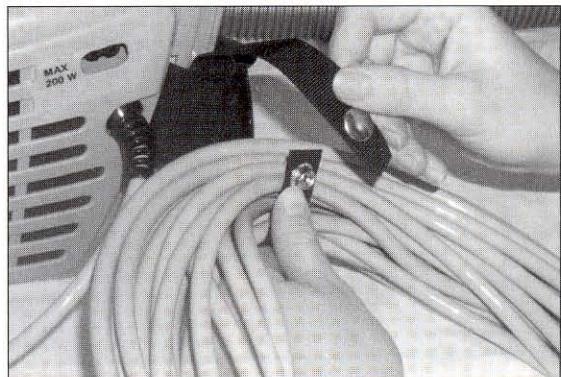
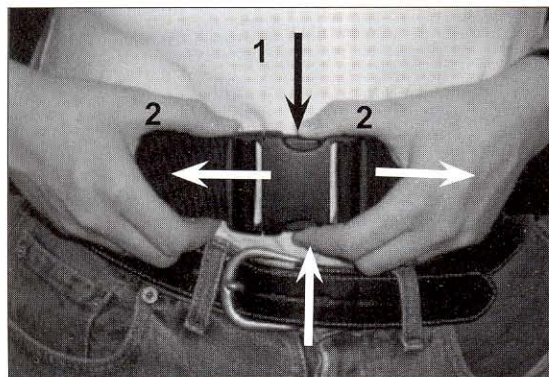
6



7

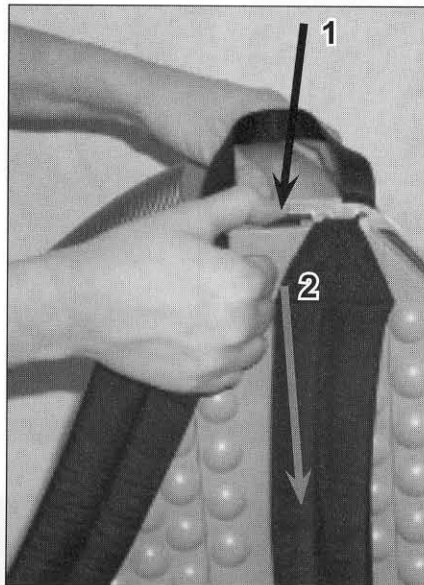


8

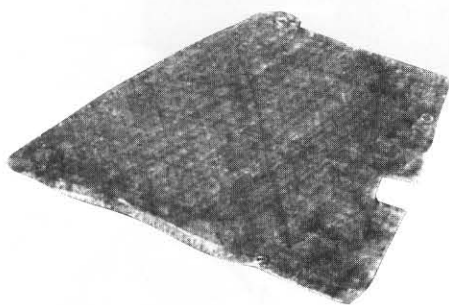
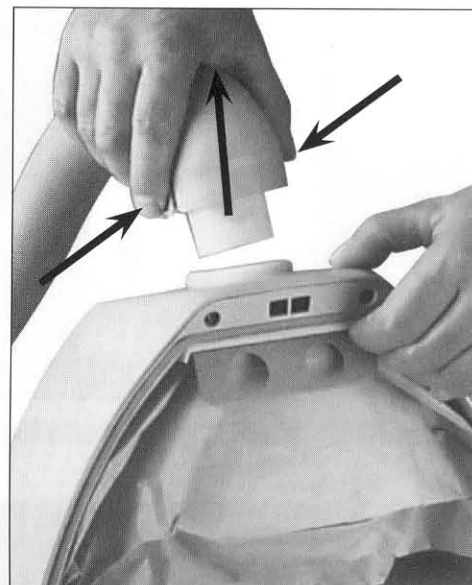




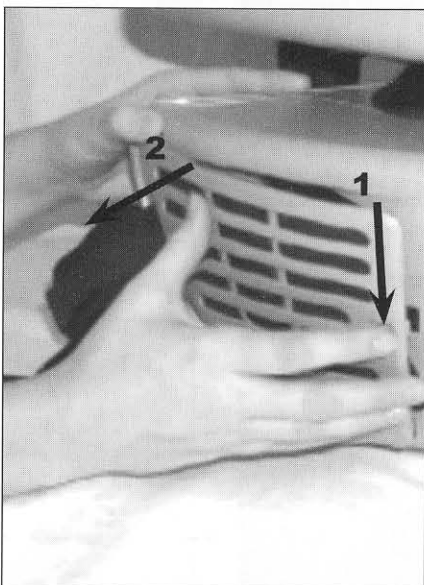
1



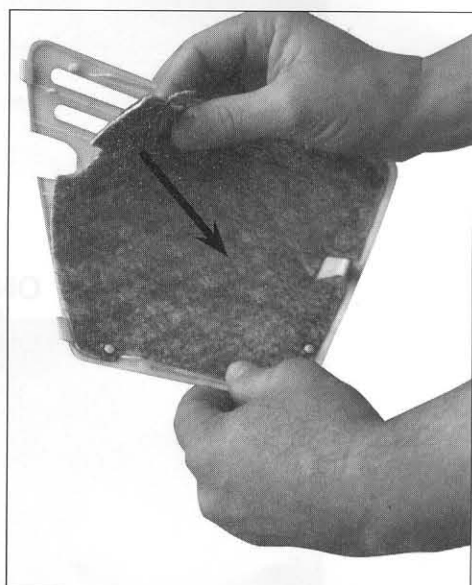
2



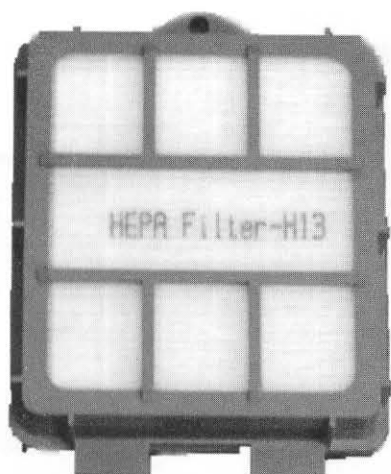
1



2



1 HEPA



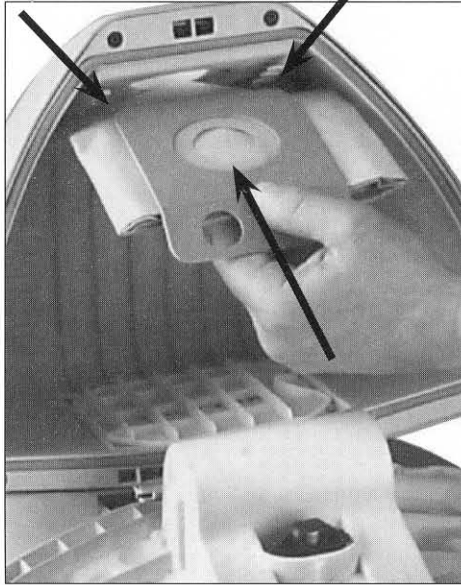
2 HEPA



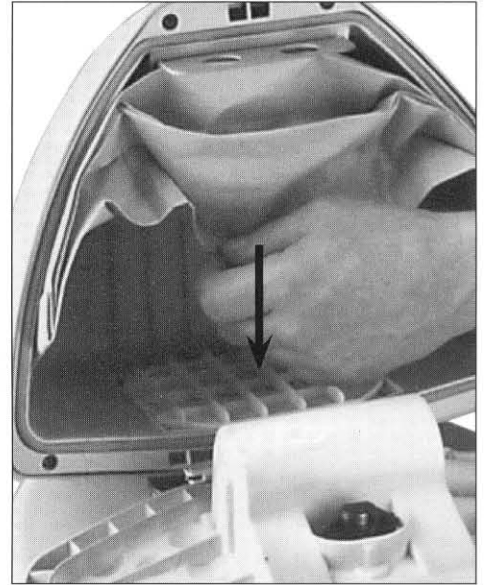
3



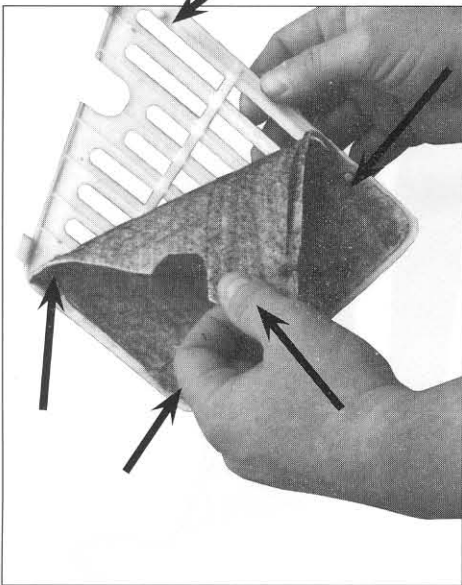
4



5



3



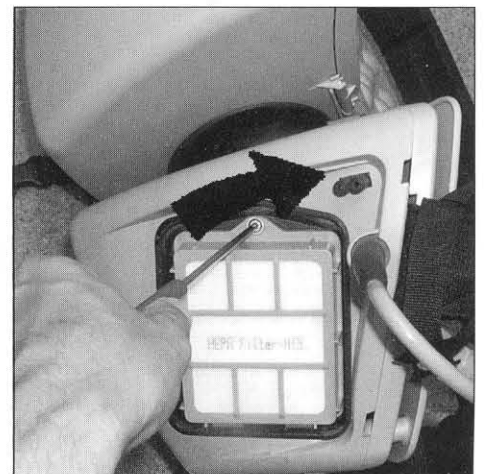
3 HEPA

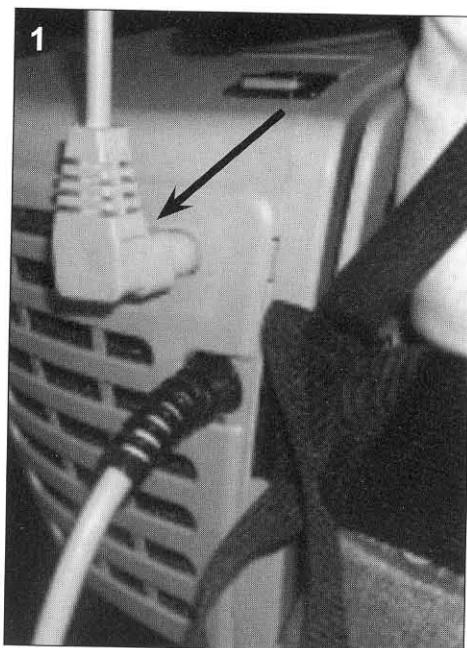
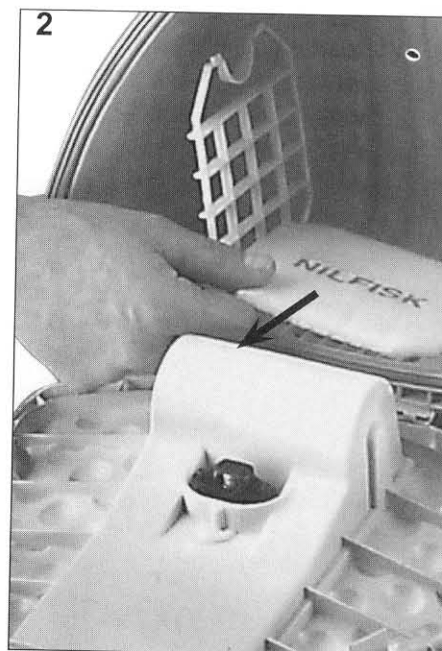
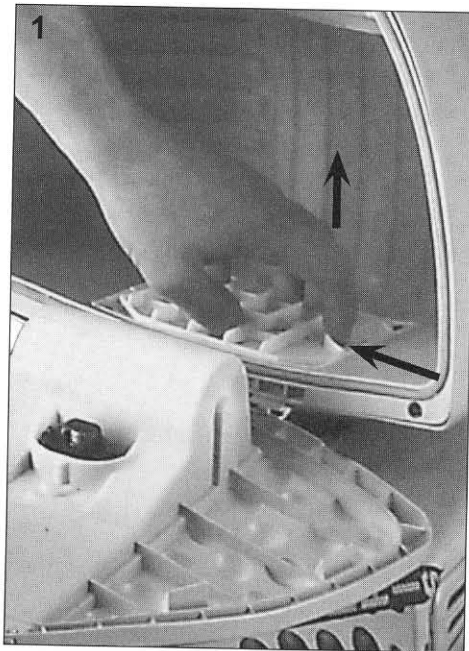


4 HEPA



5 HEPA





IMPORTANT SAFETY INSTRUCTIONS

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

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

WARNING!

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

- * Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- * To reduce the risk of electric shock - do not use outdoor or on wet surfaces.
- * 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 the manufacturer's recommended attachments.
- * 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.
- * Do not pull or carry by the cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run the appliance over cord. Keep cord away from heated surfaces.
- * Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- * Do not handle plug, cord 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 air flow.
- * Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- * Turn off all controls before unplugging.
- * Use extra care when cleaning on stairs.
- * Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- * Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- * Do not use without dust bag and/or filters in place.
- * Always turn off this appliance before connecting or disconnecting motorised nozzle.
- * This appliance is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated Appliances.
- * Do not use outdoor or on wet surfaces. Do not expose to rain. Store indoors between max. 60°C (degrees centigrade), and min. 0°C (degrees centigrade), or 140°Fahrenheit / 32°Fahrenheit

SAVE THESE INSTRUCTIONS

(Only for grounded appliances):

GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should malfunction or breakdown, grounding provided 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

inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances

WARNING!

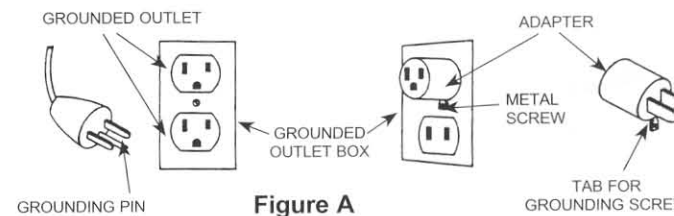
Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet,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

(Only for cord-connected grounded appliances, having a rated current less than 15A and intended for use on a nominal 120-volt supply circuit):

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


(Only for all other grounded, cord-connected appliances):

This appliance is rated more than 15 amperes and is for use on a circuit having a nominal rating of 120 volts and is factory-equipped with a specific electric cord and plug to permit connection to a proper electric circuit. 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. If the appliance must be connected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel.



(Only for double-insulated, cord-connected appliances):

SERVICING OF DOUBLE-INSULATED APPLIANCES

A double insulated appliance is marked with one of the following: The words "DOUBLE INSULATION" or "DOUBLE INSULATED" or the double insulation symbol (square within a square). 

In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a means for grounding be added to the appliance. Servicing a double-insulated appliance requires extreme care and knowledge of the system, and should be done by qualified service personnel. Replacement parts for a double-insulated appliance must be identical to the parts they replace.

IMPORTANT WARNINGS

1. This machine is also suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices and for normal housekeeping purposes.
2. This machine is for dry use only and shall not be used or stored outdoors in wet conditions. Store indoors between max. 60°C (degrees centigrade) and min. 0°C (degrees centigrade).
3. The machine must not be used for the suction of water or other liquids.
4. Live conductors must not be vacuum cleaned by the machine for dry dust before their current has been switched off. This is to avoid creating a short-cut through the dust remaining in the nozzles and tubes.
5. The machine must not be used for picking up combustible or explosive materials, nor should it be used in an explosive atmosphere.
6. Under no circumstances should the machine be used for picking up hot material. In particular the machine must not be used for cleaning open and closed fireplaces, ovens or similar that contain warm or glowing ashes.
7. The machine must not be used if the electrical cord or plug shows any sign of damage. Regularly inspect the cord and plug for damage, in particular if it has been crushed, shut in a door or run over.
8. The machine must not be used if it is faulty.
9. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
10. Always turn off this appliance before connecting or disconnecting motorised nozzle.
11. When repairing or replacing the cord, the same type of cord as originally supplied with the machine must be used. This cord can be supplied by NILFISK.
- 11a. If the fixed supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
12. The plug must always be removed from the socket outlet before starting any service work of the machine or the cord.
13. Disconnect cleaner before servicing and when not in use. Do not leave unattended cleaner plugged in.
14. No changes or modifications to the mechanical or electrical safety devices should be made.

INSTRUCTIONS FOR USE

Before using the machine make sure that the frequency and voltage shown on the rating plate corresponds with the mains voltage.

Specifications and details are subject to change without prior notice.

USE AND SERVICE INSTRUCTIONS WHEN USED IN HAZARDOUS SUBSTANCE RECOVERY

WARNING!



To reduce the risk of exposure to hazardous substances you must read and follow all safety instructions in this Instructions for Use manual.

Attention Employer

- Please ensure this Instructions for Use manual are provided to and understood by your employees or any other persons who use this equipment.
- To list all toxic and hazardous substances would be beyond the scope of these instructions. It is the employer's and operator's responsibility to identify hazardous or toxic substances which may be collected by the equipment during operation. Such information must be communicated to operators and other potential users of this equipment.

General Instructions

- Contact with the cleaner, dustbag, filter and all other accessories used when picking-up hazardous materials must be handled according to federal (EPA, OSHA), state and local regulations valid for the vacuumed substance.
- All used filters, bags, and debris must be treated as a hazardous substance and must be disposed of in accordance with all federal, state, and local regulations.
- This cleaner is designed for recovery and collection of dust, debris and particulates only. This cleaner is not suitable for recovery and collection of any form of hazardous vapors. Do not use the cleaner if these vapors are present.
- **Do not use this cleaner for the removal of hazardous substances unless you are licensed and/or certified for this work by the all authorities having jurisdiction.**

Instructions for Use

- Operation of the cleaner when picking up hazardous substances must be accompanied by the use of appropriate personal protective clothing and respiratory protection.
- This cleaner contains two HEPA filters, each located on opposite sides of the lower housing assembly.
- Do not pick-up hazardous substances without the HEPA filters in place.
- If this vacuum cleaner is used to collect hazardous substances, do not attempt to open or empty its contents without the use of personal protective clothing and respiratory protection.
- If the cleaner is not working properly or has been dropped, damaged, left out doors, or dropped into water, return it to a qualified service center or dealer.
- If the cleaner is used in an enclosed contaminated environment, it should be committed exclusively to this type of environment and not operated outside of an enclosed and controlled environment.
- Before the cleaner and any accessories are removed from a controlled environment, all external surfaces must be decontaminated according to federal (EPA, OSHA), state and local regulations valid for the vacuumed substance.

Filter Replacement

- All used filters, bags, and debris must be treated as a hazardous substance and must be disposed of in accordance with all federal, state, and local regulations.
- Use only approved Nilfisk-Advance vacuum filters and bags.
- The following is a recommended replacement interval for all of the filters and bag. These items should be replaced more often if you experience a loss of performance.
- Disposable paper filter bags - When the bag is 2/3 full it must be replaced. Excessive over filling of this bag makes it difficult to remove from the cleaner and can result in breakage and spills.
- Pre-filter - This filter should be replaced with every fifth change of paper bag or whenever there is a visible collection of debris on the filter.
- HEPA filter - Replace both filters at least every six months or more often if a loss of vacuum continues after you have replaced the pre-filter and the paper bag.

How to examine filters

- Filters collect and are contaminated with hazardous substances. The inspection and or replacement of any filter must only be done with the use of personal protective clothing, proper respiratory protection and in a controlled environment.
- The HEPA filters cannot be cleaned. Periodically make a visual inspection of each filter for a build-up of debris or damage to the sealing surfaces. If any filter appears to be clogged, damaged in any way, or has changed color (should be white) which indicates excessive dirt build-up, replace both with new filters making sure to install a new pre-filter.
- If any visible dust particle emissions are observed in the vacuum exhaust air stream, stop operations immediately. If this occurs, the HEPA filters has ruptured or failed and must be replaced.

Procedures for exchanging filters

· All used filters, bags, and debris must be treated as a hazardous substance and must be disposed of in accordance with all federal, state, and local regulations.

· Pre-filter

Open the dust chamber lid by pressing the release button and rotate the chamber lid open. Open the filter grid by pulling back and rotating the grid upward. Remove the pre-filter. Clean the sealing surfaces before reinstalling the new pre-filter. Close the filter grid and press firmly to lock the grid in place.

· HEPA filters

Note - This cleaner contains two HEPA filters, each located on opposite sides of the lower housing assembly. Each is replaced using the following procedure. Open the filter grid by pressing the release tab, and rotate the filter grid open. Use a flat screwdriver to remove the screw attaching the top of the HEPA filter frame to the lower housing. Using care to not dislodge any debris, remove the HEPA filter by pulling on its top and rotating out until its bottom tabs disengage from the lower housing. Clean the sealing surfaces before reinstalling the new HEPA filter.

When installing the new HEPA filter, always push on the plastic frame of the filter, NEVER on the pleated filter media. Damage will result to the filter and it will be ineffective in filtering out hazardous substances. Install the HEPA filter into the cleaner with the "HEPA" label facing outward. Making certain that the two tabs of the HEPA filter frame are correctly secured into the slots in the lower housing, press the filter forward and reinstall the mounting screw. Make certain the filter is properly seated at the sealing surface. Reinstall the filter grid and press firmly to lock the grid in place. Repeat procedure for the second HEPA filter.

Service Instructions

· If this cleaner has been used to pick-up hazardous substances in an enclosed contaminated environment, the internal components may be contaminated.

· External decontamination of the cleaner must be carried out. However, external decontamination will not eliminate any internal contamination. Any servicing involving disassembly must be done inside of a contained environment by trained service personnel using appropriate personal protective clothing and respiratory protection.

· Any replaced components or debris collected during servicing should be treated as a hazardous substance and must be disposed of in accordance with all federal, state, and local regulations.

· All gaskets should be replaced anytime the unit is disassembled to assure high machine efficiency.