

S2

S3

**INSTRUCTIONS MANUAL**

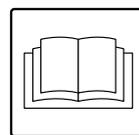
**US**

**MANUEL D'INSTRUCTIONS**

**F**

**MANUAL DE INSTRUCCIONES**

**E**



**C344-US-F-E**

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# Instructions for use

## READ ALL THE OPERATING INSTRUCTIONS BEFORE USING THIS APPLIANCE.

Comply with the important safety recommendations identified by the word **WARNING!**

### Operator safety

**Before starting the machine, it is absolutely essential to read these operating instructions and to keep them on file for consultation. The vacuum cleaner can only be used by people who are familiar with the way it works and who have been explicitly authorized and trained for the purpose. Before using the vacuum cleaner, operators must be informed, instructed and trained on how to work it and for which substances its usage is permitted including the safe method for removing and disposing of the vacuumed material.**

## IMPORTANT SAFETY INSTRUCTIONS

### Operator Safety

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 electrical shock, do not use outdoors or on wet surfaces.
- Do not allow this appliance to be used as a toy. This machine is for adult-use only.
- 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 the 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 the openings. Do not use with any opening blocked; keep free from dust, lint, hair, and anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Turn off all controls before unplugging.
- Use extra care when cleaning 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, or any hazardous dusts.
- Do not use without dust bag/or filters in place.
- Connect to a properly grounded outlet only. See grounding instructions.

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## SAVE THESE INSTRUCTIONS

### GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord that has 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 the 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.***

***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 reconnected for use on a different type of electric circuit, the reconnection should be made by a qualified service personnel.***

### General information for using the vacuum cleaner

Use of the vacuum cleaner is governed by the laws in force in the country where it is used.

Besides the operating instructions and the laws in force in the country where the vacuum cleaner is used, the technical regulations for ensuring safe and correct operation must also be observed .

Do not carry out any operation that could jeopardize the safety of people, property and the environment.

Comply with the safety indications and prescriptions in this instruction manual.

### Proper uses

This vacuum cleaner is suitable for commercial use, in hotels, schools, hospitals, factories, shops, offices and apartment hotels.

This vacuum cleaner is suitable for cleaning and vacuuming solid materials in indoor and outdoor environments.

- Always leave enough room around the vacuum cleaner to reach the controls easily.

The vacuum cleaner has been designed to be used by one operator only.

This vacuum cleaner consists of an automated vacuum unit, with a filter upstream and a container for collecting the vacuumed material.

## Improper Use



**WARNING!**

*The following use of the vacuum cleaner is strictly forbidden:*

- *Outdoors in case of atmospheric precipitation.*
- *When placed on uneven surfaces.*
- *When the filtering unit is not installed.*
- *When the vacuum inlet and/or hose are placed on parts of the human body.*
- *Use without the cover on the vacuum unit.*
- *When the dust bag is not installed.*
- *Use without the guards, protective covers and safety systems installed by the manufacturer.*
- *When the cooling vents are partially or totally clogged.*
- *When the vacuum cleaner is covered with plastic or fabric sheets.*
- *Use with the air outlet partially or totally closed.*
- *When used in narrow areas where there is no fresh air.*
- *Vacuuming liquids with vacuum cleaners without liquid level monitoring function.*
- *Vacuuming the following materials:*
  1. *Burning materials (embers, hot ashes, lit cigarettes, etc.).*
  2. *Naked flames.*
  3. *Combustible gas.*
  4. *Flammable liquids, aggressive fuels (gasoline, solvents, acids, alkaline solutions, etc.).*
  5. *Explosive dust/substances and/or ones liable to ignite in a spontaneous way (such as magnesium or aluminium dusts, etc.).*

## Versions

### HEPA

This vacuum cleaner can be equipped with a HEPA filter for vacuuming dust hazardous to one's health. The procedures for servicing and emptying the vacuum cleaner including removing the dust container, must only be performed by specialised personnel wearing protective clothing. Do not use without the complete filter system in place.

[ NOTE ]

- *In the case of dust harmful to health, contact the local health and safety authorities, and observe national regulations in force both during use and disposal.*
- *Radioactive substances are not included in the definition of the type of dust harmful to health described above.*

### LIQUIDS COLLECTION

This vacuum cleaner can also be produced in a version for vacuuming liquids, with level monitoring function.

## CE Declaration of conformity

Every vacuum cleaner comes with a CE Declaration of conformity. See facsimile in fig. 20.

[ NOTE ]

*The Declaration of conformity is an important document and should be kept in a safe place to be presented to the Authorities on request.*

## General recommendations



**WARNING!**

*The vacuum cleaner can only be used when it is certain that active sources of ignition are not going to be vacuumed.*

*Do not vacuum the following materials: burning materials (hot ashes, lighted cigarettes, etc.), flammable liquids, aggressive fuels (e.g. gasoline, solvents, acids, alkaline solutions, etc.).*

*Do not vacuum the following materials: explosive dusts or ones liable to ignite spontaneously (such as magnesium or aluminium dusts, etc.).*

*The vacuum cleaner is not suitable for vacuuming explosive or similar substances, as established by the laws governing explosive substances, particularly: liquid fuels and mixtures of flammable dusts and liquids.*



**WARNING!**

*If an emergency situation occurs:*

- *Filter breakage*
- *Fire outbreak*
- *Short-circuit*
- *Motor block*
- *Electric shock*
- *Etc.*

*Turn the vacuum cleaner off, unplug it and request assistance from qualified personnel.*

[ NOTE ]

*Check the place of work and substances tolerated for the vacuum cleaner suitable for liquids.*

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**WARNING!**

*The vacuum cleaners must not be used or stored outdoors, or in damp places.*

*Only versions with the level sensor can be used for liquids, if not, they can only be used to vacuum dry materials.*



**DANGER!**

*Version for liquids.*

*If foam or liquid leaks out of the vacuum cleaner, turn it off immediately, unplug it and contact qualified personnel for assistance.*

# Vacuum cleaner description

## Vacuum Cleaner Parts and Labels

**Figure 1**

1. Model code, Technical Specifications (see table on page 6), Serial N<sup>o</sup>., CE Mark, Year of manufacture, Nominal voltage.
2. Dust container
3. Dust container release lever
4. Inlet
7. Accessories compartment
9. Exhaust air outlet
10. Attention plate: Draws the operator's attention to the fact that the filter must only be shaken when the vacuum cleaner is turned off (see also par. "Primary filter shaker").
11. Plug for connecting the vacuum cleaner to an electrical socket.

**Figure 2**

This vacuum cleaner creates a strong air flow which is drawn in through the inlet (4 - Fig. 1) and blown out through the exhaust outlet (9 - Fig. 1).

Before turning on the vacuum cleaner, fit the vacuum hose into the inlet and then fit the required tool on to the end part (refer to the manufacturer's accessory catalogue or Service Centre).

The diameters of the authorized hoses are given in the technical specifications table.

The vacuum cleaner is equipped with a primary filter which enables it to be used for the majority of applications.

Besides the primary filter, which retains the most common types of dust, the vacuum cleaner can be fitted with a HEPA filter with a higher filtering capacity for fine dusts and dusts that are hazardous to health.

## Optional kits

Please contact the manufacturer's sales network for information on optionals.

Instructions for installing the optionals are included in the conversion kit.



**WARNING!**

*Use only supplied and authorized genuine spare parts.*

## Accessories

Various accessories are available; refer to the manufacturer's accessory catalogue.



**WARNING!**

*Use only genuine accessories supplied and authorized by the manufacturer.*

## Packing and unpacking

Dispose of the packing materials in compliance with the laws in force.

**Figure 3**

Model	S2 (50L)	S3 (50L)	S3 (100 L)
A (in)	27.6	27.6	27.6
B (in)	33.9	33.9	33.9
C (in)	68.9	68.9	68.9
Weight with packaging (lbs.)	176	190	196

## Unpacking, moving, use and storage

Operate on flat, horizontal surfaces.

The load-bearing capacity of the surface the vacuum cleaner is placed on must be suitable for bearing its weight).

## Connecting to the power supply



**WARNING!**

- *Make sure there is no evident sign of damage to the vacuum cleaner before starting work.*
- *Before plugging the vacuum cleaner into the electrical mains, make sure that the voltage rating indicated on the data plate corresponds to that of the electrical mains.*
- *Plug the vacuum cleaner into a socket with a correctly installed ground contact/connection.*
- *Make sure that the vacuum cleaner is turned off.*
- *The plugs and connectors of the connection cables must be protected against splashed water.*
- *Make sure that connections to the electrical mains and plug are correct.*
- *Use the vacuum cleaners only when the cables that connect to the electrical mains are in perfect condition (damaged cables could lead to electric shocks!).*
- *Regularly check that the electric cable does not show signs of damage, excessive wear, cracks or ageing.*



**WARNING!**

- When the vacuum cleaner is operating, do not:*
- *Crush, pull, damage or tread on the cable that connects to the electrical mains.*
  - *Only disconnect the cable from the electrical mains by removing the plug (do not pull the cable).*
  - *Only replace the electric power cable with one of the same type as the original: SJT. The same rule applies if an extension is used.*
  - *The cable must be replaced by the manufacturer's Service Centre staff or by equivalent qualified personnel.*

## Extensions

If an extension cable is used, make sure it is sized properly for the power requirements of the vacuum cleaner.



**WARNING!**

*Never spray water on the vacuum cleaner: this could be dangerous for persons exposed and could short circuit the power supply.*

## Wet and dry applications

[ NOTE ]

*The supplied filters and the bag (if applicable) must be installed correctly.*



**WARNING!**

*Comply with the safety regulations governing the materials for which the vacuum cleaner is used.*



**WARNING!**

*If the version for liquids is used:*

- *Make sure the liquid level sensor is working correctly before vacuuming liquids.*
- *If foam forms, turn off the vacuum cleaner immediately and empty the container.*
- *Warning: Switch off the vacuum cleaner immediately if foam or liquid leaks out.*
- *Regularly clean the liquid level limiting device and check to make sure that there are no signs of damage.*
- *Warning: dirty liquid vacuumed up by the vacuum cleaner must be considered conductive.*



**WARNING!**

*When vacuuming a mix of water and air, take care to avoid overloading the motor of the vacuum unit.*

## Maintenance and repairs



**WARNING!**

*Disconnect the vacuum cleaner from its power source before cleaning, servicing, replacing parts or converting it to another version/variant, the plug must be disconnected from the socket.*

- *Carry out only the maintenance operations described in this manual.*
  - *Use only original spare parts.*
  - *Do not modify the vacuum cleaner in any way.*
- Failure to comply with these instructions could jeopardize your safety. Moreover, such action would immediately make the EC declaration of conformity issued with the vacuum cleaner void.*



**WARNING!**

*Contact manufacturer's technical service or sales network for maintenance operations not described in this manual.*

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## Technical Specifications

Parameter	Units	S2N1 (50 liter)	S2N6 (50 liter)	S3N1 (50 liter)	S3N1 (100 liter)
Voltage @ 60Hz	Volts	120	120	120	120
Type of Power	No. of phases	1	1	1	1
Power, max	kW	2	1.6	2.4	2.4
Current Draw, rated	Amps	14.5	11.5	15.8	15.8
Waterlift, max	Inches H2O	83.1	71.5	71.5	71.5
Airflow, max	cfm	198	180	270	270
Filter Area, main	Sq. ft	21	21	21	21
Filter Area, optional HEPA	Sq. ft	37.7	37.7	37.7	37.7
Noise Level, @ 3' 3" (1 meter)	dB(A)	70	70	71	71
Protection Class	IP	44	44	44	44
Insulation Class	Class	F	F	F	F
Tank Capacity	Gallons/liters	13/50	13/50	13/50	26/100
Machine Inlet	Inches	3	3	3	3
Dimensions (l x w x h)	Inches	31.5 x 23.6 x 51.2	31.5 x 23.6 x 51.2	31.5 x 23.6 x 51.2	31.5 x 23.6 x 62.2
Weight	lbs.	139	139	150	157
Cord Length	ft	30	30	30	30
Filter efficiency, HEPA	MPPS tested	99.995% @ 0.18 micron	99.995% @ 0.18 micron	99.995% @ 0.18 micron	99.995% @ 0.18 micron

■ Storage conditions:

T : -10°C ÷ +40°C

Humidity: 85%

■ Operating conditions:

Maximum altitude: 800 m

(Up to 2,000 m with reduced performances)

T : -10°C ÷ +40°C

Humidity: 85%

## Controls and indicators

Figure 5

2. Start/Stop indicator and button  
If the indicator is lit, the motor is ON.  
You can start/stop each motor with this button.
5. Stop button  
This button stops all the motors simultaneously when pressed (but doesn't turn the power of the vacuum cleaner off).
6. Low compressor pressure alarm indicator (only used with automatic filter cleaning option with air compressor)  
If lit, this indicates low air pressure inside air tank
7. Max. vacuumed level indicator  
If lit, this indicates the maximum level of the vacuumed material has been reached in the container, if the level control for liquids or solids has been installed on machine.
8. Voltage indicator  
Indicates the vacuum cleaner is energized.
9. Primary filter indicator  
Green - Indicates the primary filter is functioning properly.  
Red - Indicates the primary filter is blocked and needs to be cleaned.
10. HEPA filter indicator (if installed)  
Red - Indicates the HEPA filter is blocked and should be replaced.
11. Manual filter shaker knob (models with manual filter shaker)

Figure 6

1. Dust Container release lever
2. Castor lever
3. Closing band lever
5. Electric power cable
6. Handle

Figure 7

1. Inlet

## Inspections prior to starting

Prior to starting, check that:

- The filters are installed;
- All the levers are locked in place;
- The vacuum hose and tools have been correctly fitted to the inlet (1 - Fig.7);
- The bag is installed, if applicable.



**Do not use the vacuum cleaner if the filter is faulty.**

## Starting and stopping

Figure 8



**Lock the castor brakes (1) before starting the vacuum cleaner.**

- Press button (2) to start each vacuum motor
- Press button (2) again to stop each motor or press "stop" button to stop all motors at once.

## Vacuum cleaner operation



**The air speed in the suction tube should not be less than 20 m/s.  
If the air speed drops below this rate, the red indicator light will illuminate on the primary filter.**

When using the vacuum cleaner, check:

- The state of the max. vacuumed material level indicator (7 - Fig. 5) if the level check is installed.
- The state of the primary filter (9 - Fig. 5) and the HEPA filter (if installed) (10 - Fig. 5).
- The state of the low compressor pressure indicator (6 - Fig. 5) (if installed).



**If one of the indicators is lit, follow the instructions.**

Symbol	Indicator signal	Indicator color	Vacuum cleaner state and procedure
	Low compressor pressure (6 - Fig. 5)	Red	Suction stopped. Check the compressor is functioning properly (if installed).
	Max. vacuumed material level (7 - Fig. 5)	Red	Suction stopped. Empty the container (See relevant paragraph).
	Primary filter (9 - Fig. 5)	Red	Suction on. Use the primary filter shaker after stopping the vacuum cleaner (on models with a manual filter shaker).
	HEPA filter (10 - Fig. 5)	Red	Suction on. Change HEPA filter (See relevant paragraph).



**Consult the "Troubleshooting" chapter if faults occur.**

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## Primary filter shaker

### Automatic primary filter shaker

On models with an automatic primary filter shaker, the filter shaker will be automatically activated at the start and end of the operating cycle, respectively after starting the vacuum cleaner and after all the motors have stopped.

Diagram A (see bottom of page - work phase sequence).

### Manual primary filter shaker

**Figure 9**

In relation to the quantity of material vacuumed and if indicator (9 - Fig. 5) is red, turn the vacuum cleaner off and use knob (1 - Fig. 9) of the manual filter shaker.



**WARNING!**

**Stop the vacuum cleaner before using the filter shaker. Do not shake the filter while the vacuum cleaner is on, as this could damage the filter.**

Wait before restarting the vacuum cleaner, to allow the dust to settle. Replace the filter element if the indicator remains red (9 - Fig. 5) even after the filter has been shaken (consult the "Primary filter replacement" paragraph).

## Emergency stopping

Press Stop button (5 - Fig. 5). The vacuum cleaner stops.



**WARNING!**

**The motors and internal components of the vacuum cleaner will still be electrically powered.**

To start the vacuum cleaner again, press the buttons of each single motor.

## Emptying the dust container



**WARNING!**

- **Before proceeding with these operations, turn the vacuum cleaner off and disconnect the plug from the power socket.**
- **Check the class of the vacuum cleaner.**

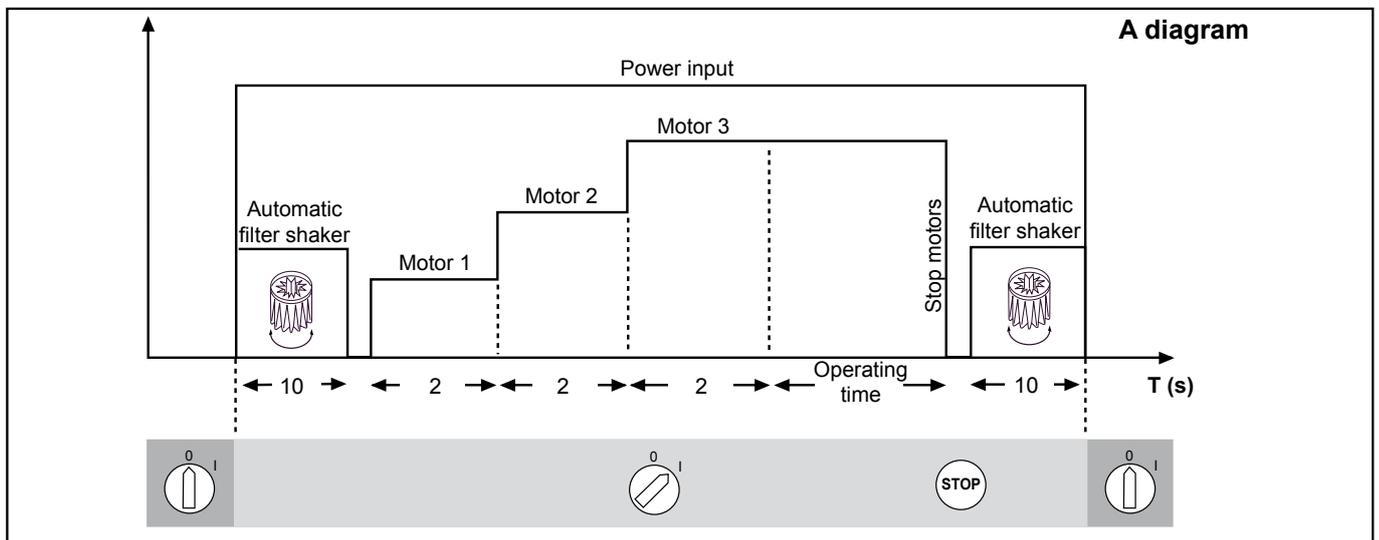
Before emptying the container it is advisable to clean the filter (see "Primary filter shaker").

- Machines without HEPA filters are not suitable for vacuuming hazardous dust
  - **Release dust container (1, Fig. 10), with lever (2), then remove and empty it.**
  - **Make sure the seal is in good condition and correctly positioned.**
  - **Place the container back in position and secure it again.**

## Plastic bag

You can use the plastic bags supplied by our sales network (Fig. 10A) as an alternate collection means.

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## How to change the bag



**WARNING!**

- *These operations can only be carried out by trained and qualified personnel who must wear adequate clothing, in compliance with the laws in force.*
- *Take care not to raise dust during these operations. Wear a protective mask.*
- *In case of dangerous and/or toxic dust, you must use the supplied safety bag for these certified vacuum cleaners.*
- *The bag must only be disposed of by qualified personnel and in compliance with the laws in force.*

## Liquids vacuuming



**WARNING!**

***Make sure that the vacuum cleaner is equipped with a liquid level sensor and is suitable for vacuum liquids.***

- The filter element will be wet after liquids have been vacuumed.  
A wet filter element can quickly become clogged if the vacuum cleaner is then used to vacuum dry substances.  
For this reason, make sure that the filter element is dry or replace it with another one before using the vacuum cleaner for dry materials.

### At the end of a cleaning session

- Turn the vacuum cleaner off and disconnect the plug from the socket.
- Wind the connection cable up and hang it in the relevant compartment (Fig. 13).
- Empty the container as described in the "Emptying the container" paragraph.
- Clean the vacuum cleaner as described in the paragraph "Maintenance, cleaning and decontamination".
- Wash the container with clean water if aggressive substances have been vacuumed.
- Store the vacuum cleaner in a dry place, out of reach of unauthorized persons.

## Maintenance, cleaning and decontamination



**WARNING!**

*The precautions described below must be taken during all maintenance operations, including cleaning and replacing the primary and HEPA filters.*



**WARNING!**

*The maintenance, cleaning and decontamination operations must only be performed with the vacuum cleaner turned off and the plug disconnected from the power socket.*

*It is absolutely forbidden to perform maintenance with the plug connected to the socket.  
Danger of electric shock!*

- If the user is performing the maintenance operations, the vacuum cleaner must be disassembled, cleaned and overhauled as far as reasonably possible without hazards for the maintenance personnel or other people. The suitable precautions include decontamination before disassembling the vacuum cleaner, adequate filtered ventilation of the exhaust air from the room in which it is disassembled, cleaning the maintenance area and suitable personal protection.
- All parts of the vacuum cleaner must be considered contaminated when they are removed from the hazardous zone and appropriate actions must be taken to prevent the dispersion of dust.

When maintenance or repair procedure are carried out, all the contaminated elements that cannot be properly cleaned, must be eliminated.

These elements must be disposed of in sealed bags conform to applicable regulations and in accordance with the local laws governing the disposal of such material.

This procedure must also be followed when the filters are eliminated (primary and HEPA filters).

Compartments that are not dust-tight must be opened with suitable tools (screwdrivers, wrenches, etc.) and thoroughly cleaned.



**WARNING!**

*This vacuum cleaner can be equipped with a HEPA filter for vacuuming dust hazardous to one's health. The procedures for servicing and emptying the vacuum cleaner including removing the dust container, must only be performed by specialised personnel wearing protective clothing. Do not use without the complete filter system in place.*

## Primary and HEPA filter disassembly and replacement



**WARNING!**

*When the vacuum cleaner is used to vacuum hazardous substances, the filters become contaminated, therefore:*

- *Work with care and avoid spilling the vacuumed dust and/or material;*
- *Place the disassembled and/or replaced filter in a sealed plastic bag;*
- *Close the bag hermetically;*
- *Dispose of the filter in accordance with the laws in force.*



**WARNING!**

*Filter replacement is a serious matter. The filter must be replaced with one of identical characteristics, filtering surface and category.  
Otherwise the vacuum cleaner will not operate correctly.*

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## Primary filter replacement

Figure 14

1. Vacuuming unit
2. Locking lever
3. Filter cage
4. Primary filter
5. Filter shaker housing



**Take care not to raise dust when this operation is carried out. Wear a mask and other protective clothing plus protective gloves suited to the hazardous nature of the dust collected, refer to the laws in force.**

Before proceeding with these operations, turn the vacuum cleaner off and disconnect the plug from the power socket.

- Use lever (2) to release vacuum unit (1) then pull it up and out of the vacuum cleaner.
- Remove the filter cage from the vacuum cleaner.
- Remove the old filter by removing the plastic ties..
- Fit the new filter and secure it in the cage with new plastic ties.
- Dispose of the old filter according to the laws in force.

## Replacing a primary filter with automatic filter shaker



**Reassemble with care to avoid trapping your hands between the vacuum unit and the container.**

- After replacing the filter in the cage (3), install it in the container again.
- Reassemble vacuum unit (1) making sure filter cage (3) fits into shaped housing (5) of the filter shaker.
- Turn the power switch on and the vacuum unit will self-centre automatically.
- Use locking lever (2) to lock the vacuum unit in place.

## Replacing a primary filter with manual filter shaker

Figure 15

1. Manual filter shaker knob
2. Vacuuming unit
3. Locking lever
4. Filter cage
5. Filter shaker housing



**Reassemble with care to avoid trapping your hands between the vacuum unit and the container.**

- After having replaced and fitted the filter in the cage, insert filter shaker cage (4) in the shaped seat (5) of the filter shaker.
- Position the manual filter shaker knob (1) in the middle.
- Reassemble vacuum unit (2) complete with cage and filter, in the vacuum container.
- Check the filter shaker works properly and if necessary adjust the position of the filter cage by turning the vacuum unit.
- Use locking lever (3) to lock the vacuum unit in place.

If necessary contact the manufacturer's Service Centre.

## HEPA filter replacement

Version for dust harmful for the health.



**WARNING!**

**Take care not to raise dust when this operation is carried out. Wear a mask and other protective clothing plus protective gloves suited to the hazardous nature of the dust collected, refer to the laws in force.**



**WARNING!**

**Do not use the HEPA filter again after having removed it from the vacuum cleaner.**

Figure 16

1. Vacuuming unit
2. Locking lever
4. HEPA filter lock ring
5. HEPA filter disc
6. HEPA filter



**WARNING!**

**Reassemble with care to avoid trapping your hands between the vacuum unit and the container.**

Before proceeding with these operations, turn the vacuum cleaner off and disconnect the plug from the power socket.

- Use lever (2) to release vacuum unit (1) then pull it up and out of the vacuum cleaner.
- Unscrew ring (4).
- Pull out disc (5) and HEPA filter (6).
- Place HEPA filter (6) in a plastic bag, close the bag hermetically and dispose of the filter in accordance with the laws in force.
- Insert a new filter (6) with the same filtering characteristics as the removed one.
- Lock the HEPA filter with disc (5) and tighten ring (4).
- Replace vacuum unit (1).
- Fix the vacuum unit in place with lever (2) and lock safety bolt (3) again.

## Seal inspection

### Hoses check

Make sure the connecting hoses (Fig. 17) are in a good condition and correctly fixed.

If the hoses are damaged, broken or have loose connections, they must be replaced.

When sticky materials are treated, check for possible clogging along the hose, in the inlet and on the baffle plate inside the filtering chamber.

Scrape inlet (2, Fig. 17) from the outside and remove the deposited waste as indicated in figure 17.

### Filtering chamber seal check

If the gasket (1, Fig. 18) between the container (4) and the filtering chamber (3) fails to seal properly:

- Loosen the four screws (2) that lock the filtering chamber (3) against the vacuum cleaner structure.
- Allow the filtering chamber (3) to lower down and tighten the screws (2) once it has reached the tightness position.

If an optimal seal cannot be obtained and the gasket is torn or cracked, etc. it must be replaced.

## Disposing of the vacuum cleaner

Figure 19

Dispose of the vacuum cleaner in compliance with the laws in force.

- Proper disposal (electric and electronic waste). (Applicable in the European Union and in countries providing a separate collection system)

The above symbol (Fig. 19), which is present on the product or in its documentation, indicates that the product cannot be disposed of together with other domestic waste at the end of its life cycle.

To prevent damage to the environment or health caused by improper waste disposal, please separate this product from other waste and recycle it responsibly in order to support the sustainable reutilization of material resources.

This product can not be disposed of together with other commercial waste.

## Recommended spare parts

The following is a list of spare parts that should be kept ready at hand in order to speed up maintenance operations.

Refer to the manufacturer's spare parts catalogue when ordering spare parts.

Description	P/N
Primary Filter Kit	40000338 (includes filter 8 17080)
Primary Filter Seal	8-17026
Filter Chamber Gasket	40000762
Filter Clamp	8-18079
HEPA Filter	4081700936
120V, 800W motor (models S2N6 and S3N1)	40000928
120V, 1000W motor (model S2N1 only)	40000904
Replacement carbon brush for 800W and 1000W motor	40000886

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