



# User Guide

## VAC380



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# User Guide VAC380

It is important that all persons who are working or maintaining this machine read the manual carefully and understand it fully. Keep this manual near to the machine, so it can always be consulted.

**Only authorised and trained personnel may operate this machine.**

## Safety Precautions

	<b>DANGER</b> <b>EXPLOSION HAZARD</b> Never operate the machine in an explosive atmosphere, near combustible materials, or where ventilation does not clear exhaust fumes.
	<b>WARNING</b> <b>BURN HAZARD</b> Never come into contact with the engine or muffler when engine is operating or shortly after it is turned off. Serious burns may occur.
	<b>CAUTION</b> <b>MACHINE DAMAGE</b> Never operate on hard, unyielding surfaces. Unwarranted damage may result.
	<b>CAUTION</b> <b>MOVING PARTS</b> Before starting the machine, ensure that all guards and safety devices are in place and functioning properly.
	<b>ATTENTION</b> <b>READ MANUAL</b> Read and understand manual before using this machine. Failure to follow operating instructions could result in serious injury or death.

## Unconsented Use

- Never suck up cigarette butts that have not been properly put out and/or any other flammable materials.
- Never suck up substances that may explode in contact with the air.
- Never operate in environments where explosive gases and/or gases from toxic chemical products are present in the air.
- Check the suitability of the cartridge filter before sucking up toxic substances.
- Disconnect from the power outlet before accessing any electrical components of the machine.
- Do not modify the machine in any way.
- Follow the instructions provided in this manual.

## Safety Devices

The vacuum cleaner has been manufactured in compliance with all legal standards for the operator's safety.

- All metal components are grounded to eliminate shock or electrostatic discharge, including the flexible suction hose that is properly grounded.
- The brakes fitted onto the anterior pivoting castors safely fix the machine in its place of use where there may be a risk of movement due to uneven floor surfaces or other working conditions.

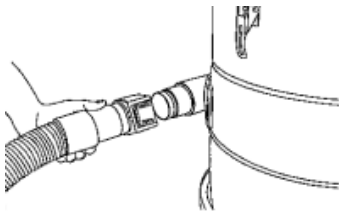
**Before turning on the machine, always verify that features specified above have not been damaged in any way during handling or transport as this could impede their correct function.**

## Safety Functions



- Carefully read the instructions in this manual before starting, using, servicing or operating the vacuum cleaner.
- Check that the vacuum cleaner hasn't been damaged in anyway.
- Never turn on the machine if it is faulty or if you suspect it is faulty.
- Check that the switch isn't worn or damaged.
- Use safety clothes in order to prevent accidents. Do not approach the suction intake of the machine with unfastened or broken garments that could easily be sucked into the machine.
- Make sure that the filters are installed correctly and in full working order.
- Always adopt the safety measures set out in the workplace when the machine is in use or during maintenance.
- Never carry out repairs on the machine, please contact Martello Hire.
- Never use gasoline, solvents or other flammable liquids for cleaning; only detergents should be used for cleaning.
- Always use the handle fixed to the motor head for moving the machine and never try to move the machine by pulling the power cable or flexible tube.
- Never direct the opening of the machine or the flexible tube towards people or animals.
- Protect the machine from the rain.
- Check that the machine is connected to a power source with the correct voltage indicated on the registration plate.
- Make sure that the power cable has no wear or damage, if this cable must be replaced, always contact Martello Hire so it can be replaced with another of the same specifications. Cables of inferior quality may overheat and cause serious injury.
- Make sure that the machine is connected to an appropriate power source in full working order with fully functioning grounding socket.
- Repairs must only be carried out by Martello Hire personnel and only when the machine is turned off and disconnected from the power source.
- Never allow unauthorised personnel to use the machine.
- Make sure that all safety devices are in full working order before turning on the machine.

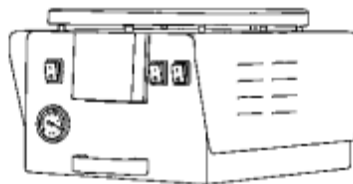
## Assembly Components

Connect the required accessory onto one end of the flexible hose and connect the other end of the hose to the quick-release tube mounted onto the filter chamber.



## Turning on and Off

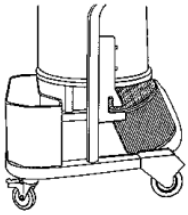
-  To **TURN ON**  
Push the switch into position 1
-  To **TURN OFF**  
Push the switch into position 0



## Filter Replacement

The filter can be accessed underneath the filter chamber by removing the cylindrical steel filter guard without removing the motor head. Wear a mask, protective clothing and gloves that offer sufficient protection depending on the toxicity of the collected dust. Please consult the current directives in force.

Perform this operation in a safe area and ensure that the container is empty.



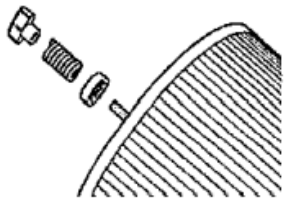
### Filter Assembly

Always ensure the correct filter is used.

⚠ ATEX 21 certified machines use a filter with base and ring in INOX AISI 304 steel.

Comply with the label on the base of the filter, assembled in series:

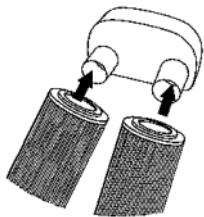
- Washer with rubber part facing the base.
- Spring
- Plastic wing nut



### Replacing HEPA/Absolute Filters

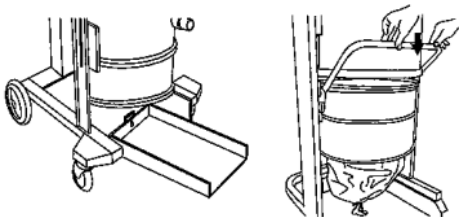
All models have two certified Bgia HEPA H14 filters fitted inside the primary filters.

Regularly check the filters if very fine dust (less than 3 microns) is being sucked into the machine by removing the primary filters and removing the HEPA filters that are located in the manifold on the suction tube (except for CAR 2655 and 2655 S models). Replace the filter if it is broken.

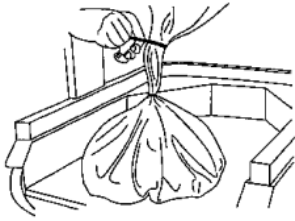


### Use of Models fitted with LONGOPAC Bags

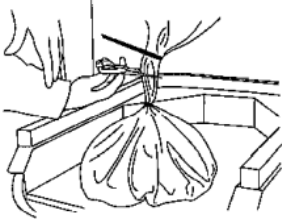
1. Insert the tray for use with the LONGOPAC system and hook on the hopper.



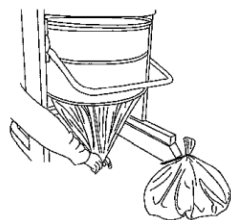
- When the LONGOPAC bag is sufficiently full, close the upper part of the bag using two plastic ties positioned about 50mm apart.



- Cut the bag between the plastic ties.

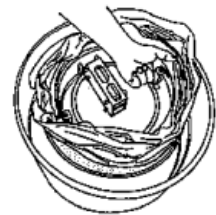


- Pull down the LONGOPAC bag from the base of the container to form a new collection bag.

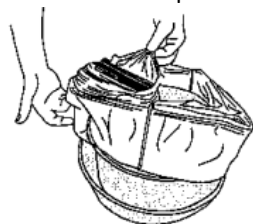


#### Replacing LONGOPAC Bags

- Remove the hopper, turn upside down and lift the tabs of the container.



- Position the cartridge inside the container and slide in a downwards motion. The external part forms the collection bag, and the internal part is held in position by the o-ring of the hopper.



#### Safety Kit for Toxic Dust

-  Wear a mask, clothing and gloves according to current legislation.


This vacuum cleaner is suitable for the completely safe suction of toxic or hazardous dust like asbestos. Once the bag is full, it can be disposed of in complete safety without coming into contact with its contents.

This vacuum cleaner includes:

- Bagging ring
- Lowered drum to accommodate bagging ring
- Cap for closing suction
- Filtering bag for collection of hazardous dust to be disposed of in accordance with the current laws.

- An outer polythene bag to allow for safe closing and disposal of the bag containing hazardous dust to avoid any type of contamination.

### **Warnings for the Suction and Disposal of Hazardous Dust**

 These operations must only be carried out by trained and specialised operators wearing suitable protective clothing and in accordance with the current laws.

- Leave the dust to settle for about 5 minutes before opening the vacuum cleaner and disposing of the collection bag.
- During this operation, be careful not to unsettle the dust. Wear a P3 protective face mask and protective gloves.
- Remove the collection bag and dispose of it separately closed inside the polythene bag.
- Fit a new collection bag.

### **Maintenance**

#### **Before Turning on and Turning Off Every Day**

- Check that the power cable has not been damaged, torn or crushed.
- Check that the electrical switches are in full working order and are not damaged in any way.
- Check the level of waste inside the main drum. N.B. Empty the main drum if you are using an ATEX model.
- Check that the suction hose has not been damaged in any way.
- Check that the motor head is correctly positioned on the filter chamber and that the latter is correctly positioned on the main drum.
- If the vacuum cleaner is moved, ensure that the power voltage of the electrical mains in this new location corresponds to the one on the technical data plate.

**For a fully copy of the User Manual please visit [www.martellohire.co.uk](http://www.martellohire.co.uk)**