VAPORE 3000 ASPIRA®

IT IS RECOMMENDED TO CAREFULLY READ THE FOLLOWING MANUAL

BEFORE USING THE MACHINE.

TECHNICAL FEATURES
MODEL: ***VAPORE 3000 ASPIRA***

- MAXIMUM PRESSURE: 6,5 bar
- POWER SUPPLY: SPECIFICATIONS WRITTEN ON THE MACHINE'S PLATE.
- INSTALLED CAPACITY: 2,1 Kw
- BASIC CONSTRUCTION MATERIAL: Stainless steel AISI 304 (boiler, heating elements, body)
- AUTONOMY: UNLIMITED
- VAPOR TEMPERATURE: 160°C / 320 F°

Vacuum Specifications

- POWER: 1000 W
- LOUDNESS: 72 decibels
- VACUUM PRESSURE: 1900 mm. Of water
- SOILED WATER TANK CAPACITY: 12 L /3.17 gallons

Note: The accessories, the technical and/or manufacturing and/or aesthetic features can vary at the Manufacturer's final discretion and without notice.

CERTIFICATIONS

- **Vapore 3000 ASPIRA** is a CE/ETL Canada/USA certified product.

For service contact:
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IMPORTANT SAFTETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE VAPOR CLEANING SYSTEM

When using the Cleaning System, always use basic precaution, including the following:

Warning- To reduce the risk of fire, electrical shock or injury:

1. Do not leave appliance when plugged in. Unplug the Cleaning System from outlet when not in use, or before servicing.
2. The Cleaning System is designed and manufactured according to the best reliability and safety techniques; however the Cleaning System is not meant to be used by minors. Do not allow the Cleaning System to be used as a toy. Close attention is necessary when the system is being used around minors. Never allow minors to use or play with the system.
3. Use only as described in the manual. Only use original manufacturer attachments.
4. Do not use the Cleaning System with a damaged cord or plug. If the Cleaning System has been dropped, damaged, left outdoors, or submerged in water, contact an Authorized Service Center.
5. Do not pull or carry Cleaning System by the cord.
6. Do not use the cord as a handle. Never close the door on the cord. Never pull it around edges or corners. Never run appliances over the cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling the cord. To unplug, grasp the plug, not the cord.
8. Do not handle the plug with wet hands.
9. Do not spray any water on the Cleaning System.
10. Do not pull the Cleaning System by the hose; be sure to use the handle on the Cleaning System.
11. Do not allow objects to get into the output nozzles. Do not try to operate the Cleaning System with any of the openings blocked. Keep opening free of dust, lint, hair or anything that will reduce the vapor flow.
12. Keep all parts of the body away from output nozzles and moving parts of the System.
13. Use extra care when using the Cleaning System on stairs.
14. Use extra care when cleaning around a water source (swimming pools, spas, toilets, etc.)
15. Do not use the Cleaning System to clean animals.
16. Never aim the vapor jet towards electrical or electronic appliances, people or animals.
17. Turn off all controls before unplugging the Vapor System.
18. Do not fill the Cleaning System with anything other than clean tap water.
19. To reduce the risk of electrical shock- use indoors only.
20. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
21. Plug the Cleaning System to power outlets with a properly grounded electrical system.
22. Do not pick up anything that is burning or smoking such as cigarettes, matches or hot ashes.
23. **Before opening the boiler's flushvalve, make sure there is no pressure and the Cleaning System has been off for at least 5 hours.**
24. Use ONLY drinkable tap water: do not use distilled water and do not insert chemicals in the fresh water tank.
25. Do not introduce other flammable liquids, acids and/or other objects in the tanks.
26. While using the accessories, never touch the metal ending parts: it is easy to get burnt.
27. Do NOT unplug either the accessories or the hose while the Cleaning System is generating vapor to avoid getting burnt.
28. Be sure that accessories are properly locked on the hose by turning the red collar.
29. Avoid shaking the Cleaning System while it is working (a misreading of the water level in the tank and in the boiler could occur).
30. The refilling pump periodically switches on, at regular intervals, producing an internal buzzing sound, which is perfectly normal.
31. The Cleaning System is fitted with a series of safety devices that make Cleaning System reliable and safe. For this purpose, we indicate in particular, that in case the safety valve activates, for a couple of seconds, vapor will come out from the bottom of the Cleaning System and a loud sound will be heard with a high pitch hiss; all this happens under maximum safety limits and should not worry the customer.
32. The bottom of the Cleaning System is hot; USE CAUTION if you have to lift the Cleaning System.
33. In the injection model, DO NOT pour any liquid other than mild/light detergents or disinfectants in the external injection tank (no bleach, acid, corrosive liquids, etc…). Also make sure the detergents or disinfectants do not become toxic in contact with vapour at high temperature or when heated over 90°C /190°F.

Section 1- GETTING STARTED

1.1 The Control Panel

Figure 1- Control Panel

Lights

- ***Orange light: Economy*** (see section 1.3) –Light on: economy engaged, Light off: Normal Function, Light Flashing: heating elements off
- ***Yellow light: Water refilling***, it indicates the absence of water in the external tank and it stops the generation of vapor, until water is added to external tank. This is to avoid damage to the heating elements.
- ***Green light*: *OK,*** it indicates that maximum working pressure has been reached. While using the machine this light will change between solid and flashing, according to the vapor pressure reached in the boiler. Light on (solid): machine is ready and elements are off, Light flashing: heating elements are on, light off: heating elements are off.
- ***Red light: Water replace***: it has many functions; it indicates the need of a water replacement in the boiler. If water has been changed in the boiler and the system reset (refer to section 3.1) has been performed, but the light is still on, this may indicate a temporary malfunctioning of the refilling mechanism. When the red light is on, all the machine functions are deactivated.

Other Elements Found on Control Panel

- ***Pressure gauge:*** it indicates the vapor pressure in the boiler.
- ***Pressure regulator:*** used to control the force of the pressure released by machine
- ***Economy button:*** used to engage economy function (see section 1.3)
- ***On/Off switch:*** used to turn machine ON and OFF
- ***Pump injection switch:*** enables injection pump feature (refer to section 5)

1.2 Turning Machine ON

Place the machine on a horizontal surface to avoid misreading water levels.

Fill the external tank (approx. 5 litres- 1,3 Us gallon) with drinkable tap water and carefully reposition the cap with the probes inside the tank (refer to section 2.3)

Connect ***VAPORE 3000*** **ASPIRA** to a grounded power outlet. Make sure the power outlet can bear the machine power (look at the technical features on the machine).

VAPORE 3000 ASPIRA is switched on by pressing the ON/OFF button (refer to fig. 1)

- button in "0" position ⇒ ***VAPORE 3000 ASPIRA*** is turned OFF
- button in "I" position ⇒ ***VAPORE 3000 ASPIRA*** is turned ON

Note: If the probes on the cap are not immersed in the water, the machine will not work; also, when turning on ***VAPORE 3000 ASPIRA*** without water in the tank, the heating phase will not start.

To indicate that the machine is heating, the green light "**OK**" will flash.

After the heating process ends (12-15 minutes) and **the machine is ready to use,** the green light "**OK**" **will turn solid.**

Note: It is advisable, in the warm-up phase, not to use the "*Economy*" function (the corresponding light signal must be off).

1.3 The Economy Function

VAPORE 3000 ASPIRA can work in normal mode or in *Economy* mode. The *Economizer* switch allows the user to switch from normal function into *Economy* mode, and vice versa. The *Economy* function allows one of the heating elements to be deactivated, thus reducing the power absorbed by around 40%. When the suction device is connected to the machine and is activated, the electronic card automatically shifts the working condition from normal to Economy.

Note: The *Economy* function **doesn't change *VAPORE 3000 ASPIRA***'s cleaning and sterilising capability. However, we suggest you use this function only after the warm-up phase: if not, the time necessary for the appliance to heat will increase.

1.4 Accessories *(this varies according to the machine chosen):*

VAPOR ONLY

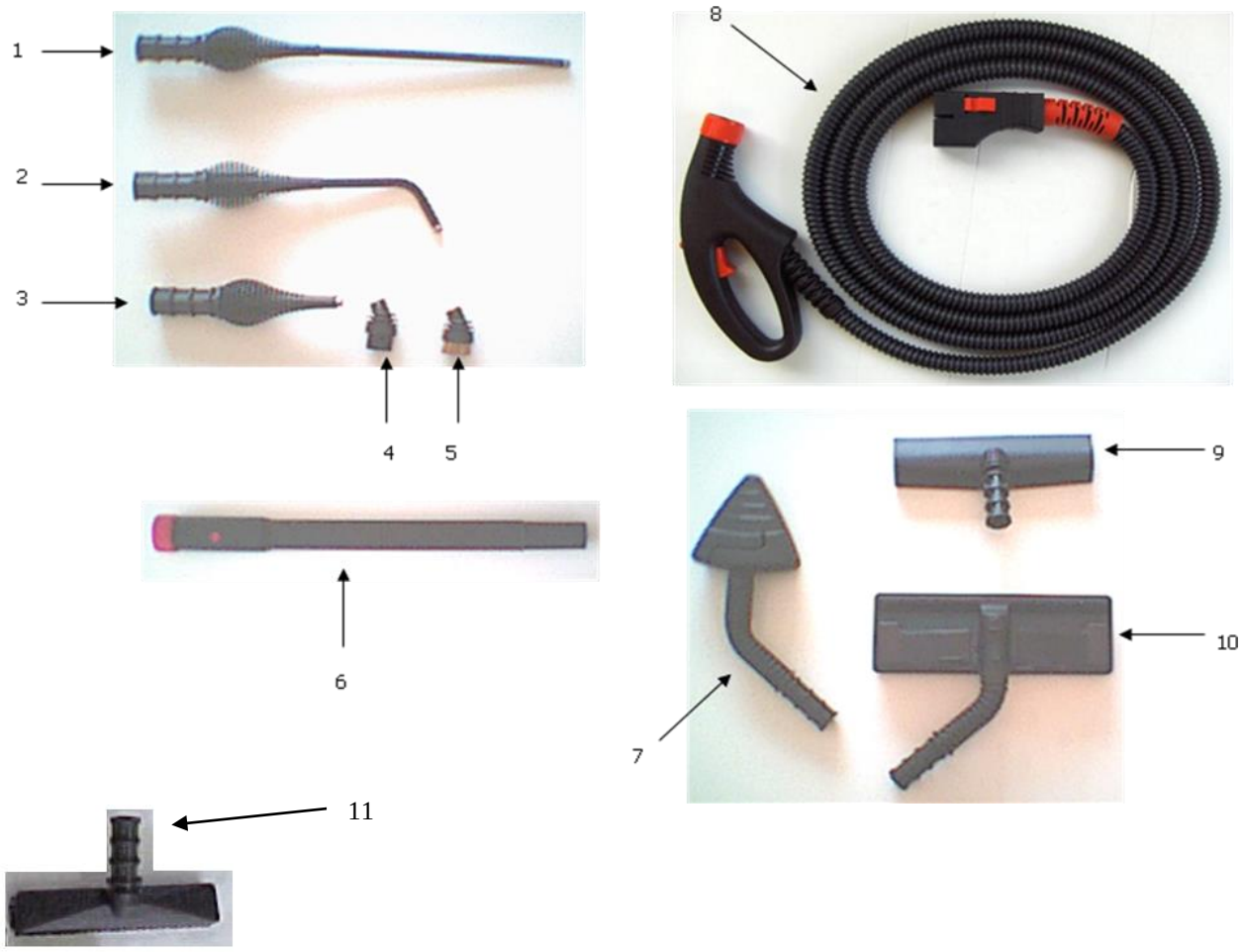

Figure 2- Standard acceccories included with this model

ACCESSORY LIST- Vapor Only

POS.	*DESCRIPTION*	*CODE*
1	NOZZLE WITH STRAIGHT EXTENSION	C500
2	NOZZLE WITH CURVED EXTENSION	C502
3	NOZZLE	C498
4	1" NYLON BRUSH	C504
5	1" BRASS BRUSH	C506
6*	EXTENSION PIPE, VAPOR, WITH RED RING	C490
7*	BRUSH, TRIANGULAR BLACK	C494
8	FLEX HOSE-VAPOR, HANDGRIP, 04mt DOUBLE-BUTTON	C9134
9*	WINDOW WIPER	C496
10*	LARGE BRUSH, FOR FLOOR, RECTANGULAR	C492
11*	SMALL BRUSH RECTANGULAR 6"	C510

***Optional accessories**

VAPOR & VACUUM

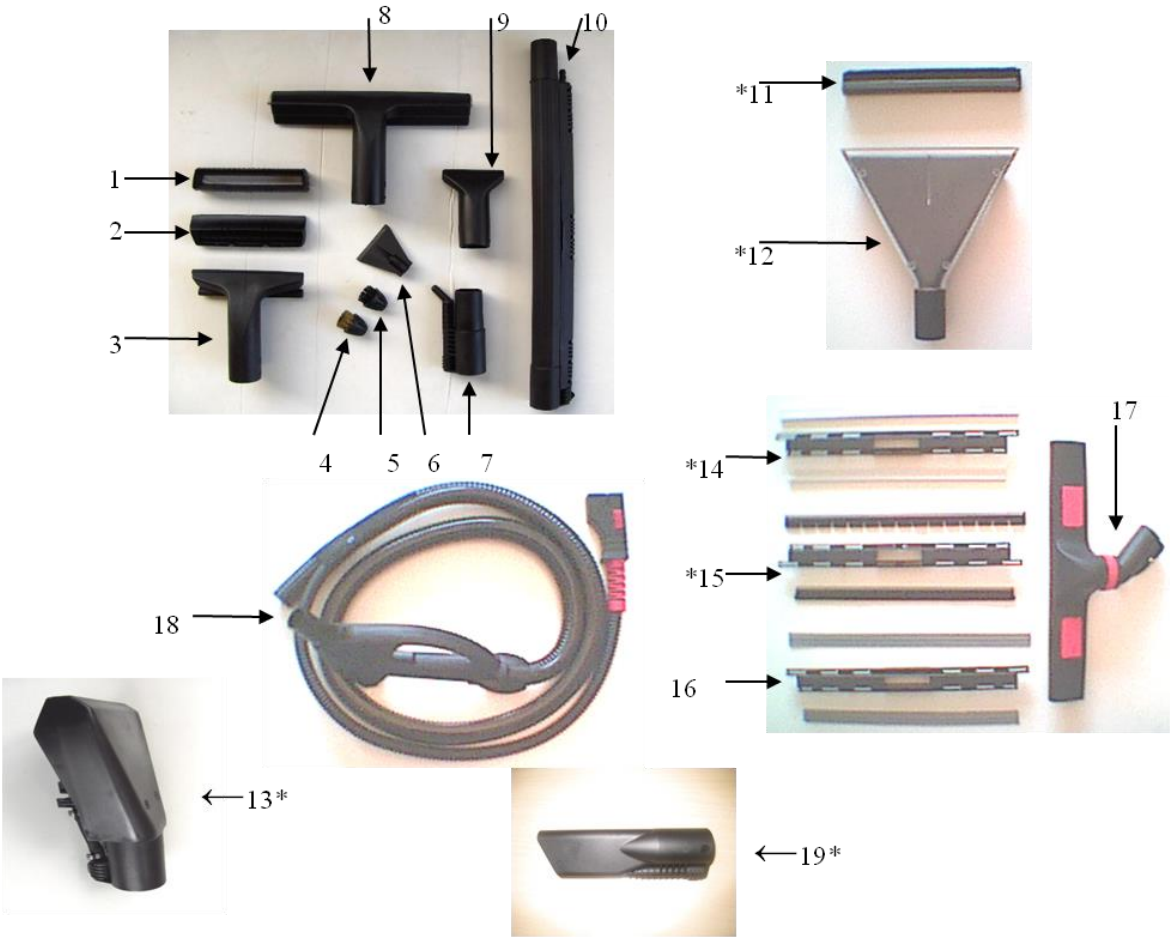

Figure 3- Standard acceccories included with this model

ACCESSORY LIST- Vapor & Vacuum

POS.	*DESCRIPTION*	*CODE*
1	FRAME WITH BRISTLES mm 150	C2031
2	FRAME+SQUEEGEE mm 150	C2033
3	NOZZLE, VAPOR INTAKE mm 150 SMALL SIZE	C2029
4*	1" BRASS BRUSH VACUUM	C1812
5	1" NYLON BRUSH VACUUM	C2041
5B*	1" STEEL BRUSH VACUUM	C2041A
6	SCRAPER	C3577
7	NOZZLE, VAPOR/INTAKE, UNIVERSAL TYPE	C2037
8	SQUEEGEE WITH SUCTION mm 250	C2035
9	NOZZLE mm. 80	C2039
10	EXTENSION TUBE WITH SUCTION	C408
11*	FRAME - NOZZLE, VAPOR INTAKE D.35	C404
12*	NOZZLE, VAPOR INTAKE D.35	C409
13*	NOZZLE, VAPOR INTAKE SMALL SIZE	C418
14*	FRAME WITH BRISTLES D-12 FOR FLOOR mm 400	C247
15*	FRAME WITH PLASTIC INSERT D-12 FOR CARPETS mm 400	C1807
16	FRAME (RUBBER) D-12 FOR FLUIDS mm 400	C1805
17	NOZZLE, VAPOR INTAKE mm 400	C1804
18	FLEX HOSE – VAPOUR/SUCTION., WITH HANDGRIP, 05mt 3-BUT LG.	C2591
19*	VAPOUR/VACUUM LANCE ACCESSORY	C248

***Optional accessories**

Section 2- USING THE MACHINE

2.1 Connecting your Hose and Accessories

The flexible hose is connected to the vapor outlet on the machine by inserting the proper tube end to the outlet at the machine's base (refer to fig. 4).

Turning the locking ring clockwise allows you to connect the accessories. After the accessory is connected, turn the locking ring counterclockwise. These operations may slightly differ according to the accessories of the machine.

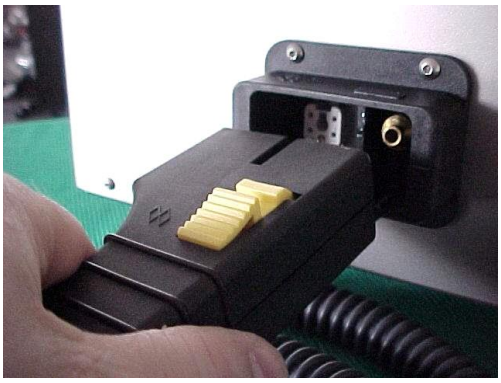

Figure 4

Figure 5

2.2 Generating Vapor

The handle on the end of the hose has a trigger to control the vapor output. By pressing the trigger, vapor comes out; by releasing the trigger, the output is stopped (refer to fig. 5).

When the "**OK**" green light turns on, ***VAPORE 3000 ASPIRA*** is ready to generate vapor. However, after the initial heating, it is advisable to release the air in the system by pressing the trigger on the handle for a few seconds; when the **"OK"** green light turns on again; the machine is ready for optimal usage.

It is advisable not to use the hose without any accessories, as this will lead to the formation of extra condensation drops.

Note: Vapor distribution is preceded by a few sprays of water: this is caused by the normal formation of condensation in a cool hose. It is, therefore, advisable to direct the first distribution on a cloth, to avoid wetting the surfaces that need to be cleaned.

To fully use ***VAPORE 3000 ASPIRA****'s* power, it is advisable to regulate the vapor output according to the accessory used and to the surface to be cleaned; this is achieved by rotating the regulator knob on the control panel (see section 1.1)

The vapour-only hose (refer to fig. 5) has three positions on top of the handle. When set to different positions it will either give the user the capability to use the injection pump or not. The positions correspond to the settings as follows:

Position 1: Only vapour
Position 2: Only injection of product (injection pump switch must be switched ON)
Position 3: Vapour and Injection simultaneously (injection pump switch must be switched ON)

2.3 Water Refill in the Tank

When the water in the tank is finished, ***VAPORE 3000 ASPIRA*** stops the vapor distribution signalling this by turning the yellow light on (see section 1.1), showing that a water refill is necessary. Thus, remove the tank cap, paying attention to the probes (refer to fig.6), fill the tank with water and reposition the cap. The machine will be ready to resume working 3 - 4 seconds later.

It is advisable to perform this operation while the appliance is turned off. Once this operation is done you may then turn the machine back on (no waiting time is needed).

Note: To perform this operation, avoid removing the cap by the flexible tube (refer to fig. 6). Do not place the cap with the probes on metallic surfaces to avoid the electronic cards misreading the presence of water.

Figure 6- How to remove tank cap with sensors

Section 3- MAINTENANCE

3.1 Water Replacement in the Boiler

Why replace water?
After about 100 litres of water have been used, it is advisable to replace the water in the boiler. This operation **is necessary to eliminate the impurities left in the boiler** (limestone and other solid suspensions in the feeding water).
How often you should preform this replacement depends on the impurities contained in the water and how often the machine is used.

When is it time to replace the water?
If the "**WATER REPLACE**" red light turns on, the machine will have entered emergency mode. This means that the water in the boiler is full of limestone/calcium, therefore a water replacement is needed. It is strongly recommended to replace the water before the red light turns on **(at least once a month)**.

How to change water in the boiler
1. Ensure that the machine is disconnected from the power supply.
2. Ensure that the boiler is not pressurised and that ***VAPORE 3000 ASPIRA*** has been turned off **for at least 5 hours**.
3. Using the special wrench you have been provided with, unscrew the plug positioned under the machine.
4. Drain all the water contained in the boiler (if possible, insert a water hose into the boiler to give a thourough rinse).
5. Screw the plug back on, making sure that it is properly tightened, replace plug o-ring if needed.
6. Turn the machine on; the electronic board will automatically fill the boiler.

******ATTENTION*** System Reset***
During the automatic boiler-filling phase, the "WATER REPLACE" red light will turn on and refilling will stop indicating the first refilling cycle has ended. To finish the boiler refilling operation, turn *VAPORE 3000 ASPIRA* off (for 30 seconds) and then back on. Be advised that for a complete refilling of water in the boiler, two or three refilling cycles may be necessary.

Note: In some cases water replacement is necessary even for a new machine. This is normal and is caused by the possible impurities accumulated by the water during testing.

3.2 Cleaning your Accessories

Accessories are cleaned using ***VAPORE 3000 ASPIRA*** itself**.** After their usage, clean brushes and accessories with the supplied nozzles (accessory #2 & #3 on fig. 2).

3.3 "O-ring" Substitution

O-rings are located on the hoses and extension tubes. If water or vapour escapes from the joints between accessories, or from the flush plug (located under the machine) it may indicate it is time to change the O-rings. Extra O-rings are supplied with each machine. For information on performing this operation contact an Authorised Service Centre.

3.4 Greasing

All accessories joints are to be greased at least every 2 - 4 months, in particular the nozzle on the machine's vapor outlet (refer to fig. 4) and the vapor connector inside the hose handle. This will increase the longevity of the O-rings.

3.5 Boiler's Decalcification

An optional boiler cleansing can be preformed upon request. For more information contact an Authorized Service Centre.

Section 4- VACUUM

4.1 Assembly

- Clip the vacuum canister on the top of the machine.
- Connect the cord of the vacuum head to the suitable socket on the back of the machine.
  Note: This socket is suitable only to power the vacuum; it is not to be used therefore to connect any electric appliances other than the vacuum.
- Connect the vapour and suction hose to the machine as follows: insert the suction connector into the central hole on the front of the vacuum canister; insert the rectangular vapor connection to the corresponding outlet on the front of the machine (refer to fig 4). Connect the vacuum accessories of your choice.

4.2 Usage

- Fill the reservoir of the machine with water, turn main switch ON.
- You can now choose to use ***VAPORE 3000 ASPIRA*** with vapor only or with vapor and vacuum: to generate vapor, press the trigger on the handle.
- To enable use of the vacuum function turn the vacuum head switch to the ON position. You can then activate the vacuum by pressing the white button on the top of the handle (make sure the motor-head and canister are perfectly closed); and pressing the white button again to turn off the vacuum.

4.3 Cleaning

- To ensure that your vacuum canister and accessories stay odor and bacteria free, it is advisable to clean them after each use
- Once the user is finished using the machine, they can vacuum up clean water through the extension poles, hose and into vacuum canister (Be sure to remove the white cone filter before performing this operation).
- Ensure that everything is dry before putting away.

Note: The white cone filter is for **DRY** use only, be sure to remove it when using the vacuum for liquid spills or vacuum and vapour functions.

4.4 Emptying Vacuum Canister

- Unplug ***VAPORE 3000 ASPIRA*** from the power source.
- Disconnect motor head power supply from the back of the machine.
- Disconnect the vacuum hose from the canister.
- Unhook the two spring hooks set on both sides of the motor head.
- Grip the handle set on the suction device and lift up to remove motor-head.
- Drain all soiled water out of the canister, rinse canister and put all pieces back together to get the machine ready to work, or leave canister open to allow to air dry.

Section 5- DETERGENT/ DISINFECTANT INJECTION

5.1 Using the Injection Pump

- The vapor generator ***VAPORE 3000 ASPIRA*** also comes with a detergent / disinfectant / water injection pump. With this model it is possible to mix the vapour with a product put in the proper container positioned on the back of the machine.
- The injection pump will mix the product with the generated vapour.
- Before you start working with the "injection" option, make sure that the container (smaller tank) is filled with the product to be used and placed in the housing hooked up to the rear rack.
- The injection is activated by switching the "PUMP INJECTION" lighted button to ON (on the control panel of the machine, refer to fig.1) and pressing the related switch on the handle of your hose. When the pump is activated, the product will be injected in the generated vapour through the accessories.

5.2 Warnings and Notes for Injection Pump

- Do not use foamy, acid or inflammable detergents.
- Make sure of the suitability of the products poured into the tank when used with the vapor at the temperature recommended (160°C /320 F°) for a proper working, in order to avoid inhaling toxic and noxious gases; however it is recommended to use the machine in ventilated rooms. Therefore it is not recommended to use detergents producing gas.
- **Be sure that product ONLY goes in the injection tank and NOT the water tank**
- The injection pump used for ***VAPORE 3000 ASPIRA*** is specifically designed to mix detergents, disinfectants and water. Its characteristics make it suitable not to damage the operator or other persons in the room in any way. Any other use is to be considered improper and therefore dangerous. The manufacturer is not liable for possible damages caused by improper use of the system or products.
- The following materials will come into contact with the detergent;
  - Filter: stainless steel
  - Suction pipe: PVC or silicone
  - Feedpipe: Teflon
  - Pipe fittings: propylene, nickel-plated brass, stainless steel.

5.3 Rinsing your Injection Pump

- Rinse the injection pump system after each use. Fill the injection bottle with warm water and run it through the injection system.
- This is necessary as certain products, if not rinsed out, will harden inside the pump and damage your injection capability. Any problems caused by improper rinsing or residue left inside the injection line are **NOT COVERED UNDER WARRANTY**.

Section 6- WARRANTY

Every single ***VAPORE 3000 ASPIRA*** is severely tested before it is shipped.
The warranty lasts **ONE YEAR** on the system and accessories against manufacturing defects, and **THREE YEARS** on the boiler and heating elements against manufacturing defects.
The warranty does not include those components subject to wear and tear (O-rings, brushes, filters, etc…)
The warranty ends in case of: machine tampering or opening; an evident, verified wrong usage; a usage of the machine not in compliance with the instructions of this manual, any liquid **OTHER THAN WATER** used in the water only reservoir.
The warranty starts from the date of the invoice.
Transportation costs, for the machine repair, to the Authorised Service Centre, are to the customer's complete charge.

Section 7- WHAT TO DO IN CASE OF…

The time necessary for the water to warm up has increased considerably (by more than 8 minutes)

- Perform water replacement of the machine (see section 3.1 for details)
- Machine is in Economy mode. Switch into normal mode (refer to section 1.3).
- If problem persists contact an Authorised Service Center

The "WATER REPLACE" red signal light turns on

- Preform water replacement of the machine (see section 3.1 for details)
- Perform Reset procedure (see section 3.1 for details)
- The pump is being obstructed by dirt or air bubbles: turn the machine off, wait about one hour and then restart the machine.
- Distilled water has been used: empty the tank and fill it with tap water.
- If problem persists contact an Authorised Service Center

The "WATER REPLACE" red signal light starts flashing

- Contact an Authorised Service Centre

VAPORE 3000 ASPIRA is not generating vapor

- The regulation knob is completely closed. Open it.
- There is no water in the tank (the yellow light is on). Add water (refer to section 2.3)
- The hose is not properly connected to the machine. Be sure that it is properly connected.
- The red light "Water Replace" turns on and the machine runs the safety phase. (See instruction above).
- Make sure that the machine is properly connected to a power supply and there is current flowing.
- The machine is not turned to the ON position (refer to section 1.2)
- If problem persists contact an Authorised Service Center

Vapor is coming out from the safety valve (under the machine)

- The safety valve has intervened. Contact an Authorised Service Centre.

The machine does not reach the working pressure

- Improper connection of the machine to a power supply.
- Lack of water in the external tank: verify quantity of water and add if needed (refer to section 2.3).
- If problem persists contact an Authorised Service Center

There is power supply shortage

- Make sure that other appliances (ovens, fridges, etc.) are not connected to the same power line since this may not be compatible with the electrical system peak load.
- Make sure that the power outlet fits the machine and make sure that safety devices are installed to protect the electrical system. Be aware of the machines electrical power (look at the data panel) and connections are compatible.
- If problem persists contact an Authorised Service Center

The accessories' connections are leaking

- Make sure that the "O-rings" on vapor outlet nozzle are in good conditions and correctly assembled.
- Grease the vapor outlet and/or replace the "O-rings".
- If problem persists contact an Authorised Service Center

Vacuum function is not working

- Verify that switch on vacuum head is turned ON
- Verify that electrical plug from vacuum head to the machine is inserted properly
- Verify that vacuum hose is plugged into both the vacuum canister and front of machine
- Be sure to activate the correct switch on the hose handle
- If problem persists contact an Authorised Service Center

ATTENTION !

<u>Be sure that extension tubes are properly locked</u>

Locked

Unlocked

Locked

Unlocked

For service contact:

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