EV ATLAS



User Guide US

Dear Customers,

We deeply appreciate your business.
Serving you is our highest priority.
We are available for your questions at any time.

Please Contact:



We wish you many happy moments with your EV ATLAS!

From the whole team at E V International Ltd.

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Introduction

Congratulations

We would like to thank you, and congratulate you for purchasing the EV ATLAS steam/vacuum cleaner from E V International Ltd. Dry vapor steam cleaning can deep clean and sanitize your home safely and effectively. The E V ATLAS is a complete multi-use commercial cleaning unit. It functions as a steam cleaner and steam extractor as well as a wet/dry vacuum. The high steam pressure and accessory kit that is second to none make the EV ATLAS an ideal chemical-free alternative for cleaning and sanitizing all surfaces encountered in commercial cleaning settings.

For your safety and to fully enjoy the advantages of this product, please take a few minutes to read all the important safeguards and care instructions. Keep this manual handy for all users and review the product warranty card for your reference.

Note: your new steam/vacuum cleaner may contain small amounts of water as all are factory tested prior to shipping.

Carefully read this manual to avoid any improper use. The Manufacturer accepts no responsibility for damage to people or things deriving from improper use of the machine, incompetence, lack of caution or negligence and from the lack of compliance with the instructions provided in this manual. The pictures shown in this manual will help explain the running, safety instructions and maintenance operations of the machine.

The Manufacturer reserves the right to make changes to its machines, as a result of performance optimization.

This manual is an integral part of the machine kit. It must be carefully kept within reach and consulted in case of doubt. If the machine is given to a third party, even only if it is lent out, please provide the manual together with the machine, specifying to the new user to carefully read all content before operating the machine.

Important safety requirements

- Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- Do not use outdoors or submerged in water.
- Do not allow to be used as a toy. Close attention is necessary when used near children. Do not allow children to operate the machine.
- Use only as described in this manual. Use only 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 cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run 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 or appliance with wet hands.
- Do not put any object into machine 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 machine openings and moving parts.
- Turn off all controls on the unit before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to vacuum or steam flammable or combustible liquids spills or areas, such as gasoline, or use in areas where they may be present.
- Use only tap water to refill the boiler and water tank.
- Do not use chemicals, perfumes or other liquid.
- The hose contains electrical wires. Do not use when damaged, cut, or punctured. Avoid picking up sharp objects.
- Connect to a properly grounded outlet only. See Grounding Instructions.
- This appliance is provided with double insulation. Use only genuine replacement parts.
- Do not vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- To Reduce the Risk of Fire, do not use a flammable or combustible liquid to clean a floor.
- Do not use without dust filters in place.
- Do not allow the use of the machine by inexperienced persons, without attendance. Should any damage occur on the machine, do not run it, do not connect the plug to the socket or disconnect it immediately, disconnect the power supply and contact the authorized Technical Service Centre. Repairs must be made by authorized personnel and only original spare parts must be used.

Important safety requirements

SAVE THESE INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE

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 cord is equipped with 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.

This appliance is for use on a circuit having a nominal rating more than 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 with the same configuration as the plug. No adaptor 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 qualified service personnel.

Technical characteristics description of the machine

This professional high pressure and high temperature electric steam vacuum generator is a machine designed for cleaning, and sanitizing multiple surfaces, and equipment.

Using leading edge technology, the EV ATLAS boiler can generate dry saturated steam at a very high temperature and pressure for a deeper and more effective cleaning process.

The steam generator combined with a powerful vacuum cleaner allows a deep and immediate cleaning. The accessories included allow for an easy and practical use of the machine for numerous surfaces and cleaning tasks.

Safety systems of the machine

- Overpressure exhaust valve
- Pressure switch for pressure control
- Safety thermoswitch and thermofuse to control temperature in the boiler
- Low tension handle controls

Technical data - EV ATLAS

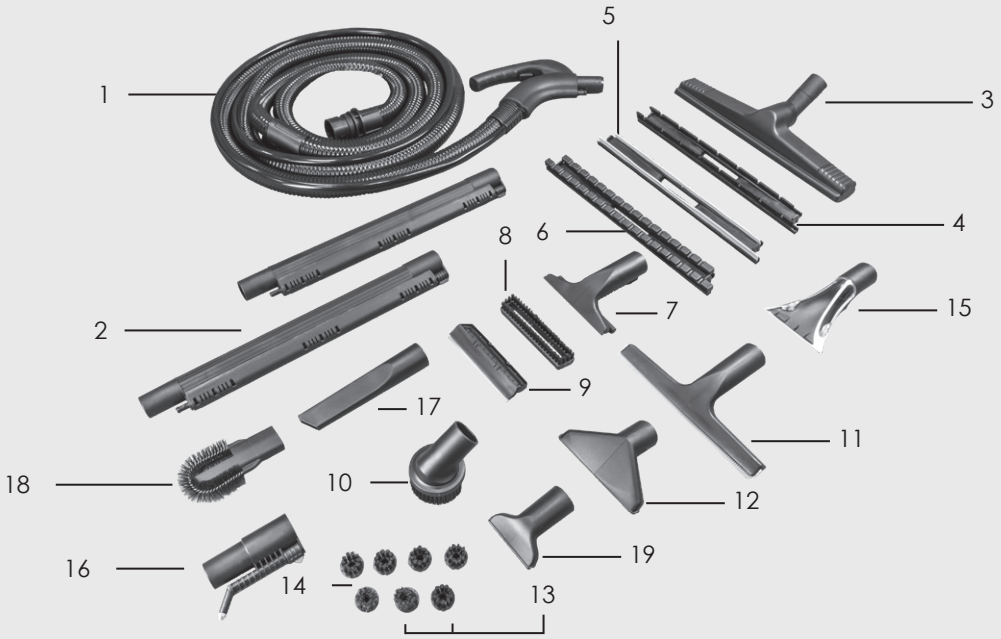
Technical characteristics:

Body material	Stainless steel
Power supply	120 V / 60 Hz
Power	1700 W
Input AMP	14
Working pressure	6 bar
Boiler temperature	170 °C / 338 °F
Boiler capacity	2.3 liters / 0.60 gal
Stainless steel boiler	AISI 316
Water tank capacity	5 liters / 1.32 gal
Vacuum power	1200 W
Initial start up	7 min
Length	49 cm / 19 in
Width	37 cm / 15 in
Height	100 cm / 39 in
Standard accessory rack	yes

Description of the unit

This unit is designed for cleaning, sanitizing surfaces, equipment and premises. The brand-new design of the boiler produces dry saturated steam at a very high temperature and pressure to ensure thorough and effective cleaning. The accessories included in the supply allow an easy and practical use of the unit for different types of premises and cleaning.

EV ATLAS



1. 1x Flex hose
2. 2x Extension vacuum pipes
3. 1x Steam and vacuum brush
4. 1x Frame for floor
5. 1x Frame for liquids
6. 1x Frame for carpets
7. 1x Steam and vacuum brush 150 mm
8. 1x Frame bristled 150 mm
9. 1x Squeege frame caoutchouc 150 mm
10. 1x Bristle brush for dust
11. 1x Squeege steam/vac cautch 250 mm
12. 1x Brush 140 mm
13. 2x Round copper brush Ø 30 mm
14. 5x Black Round plastic brush Ø 30 mm
15. 1x Transparent brush for upholstery
16. 1x Steam and vacuum nozzle with brass tip
17. 1x Nozzle
18. 1x Radiator black brush
19. 1x Grout vacuum brush

Unit preparation
Mechanical mounting

1. Tilt the machine on its side and fix the wheels on the bottom part of the unit (Fig. 2).
2. Mount the handle on the back side of the unit (Fig. 3).
3. Insert the water tank and the detergent tank.
4. Connect the pipe according to the labels.
   H20 → H20
   SH → SH
5. Connect the water sensors level (detail B) (Fig. 4).
6. Insert the vacuum cleaner on the top of the unit (Fig. 5).

Fig. 3

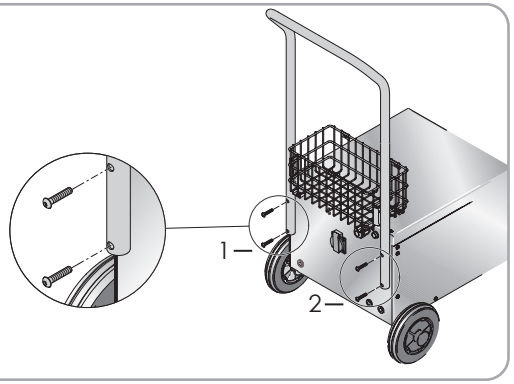


Fig. 2

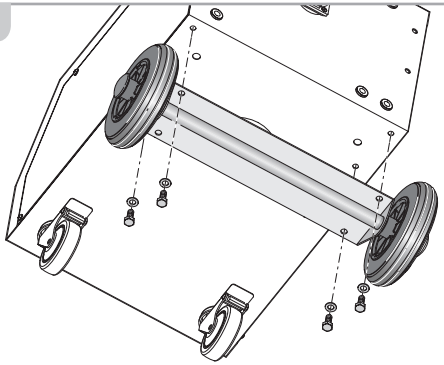


Fig. 4

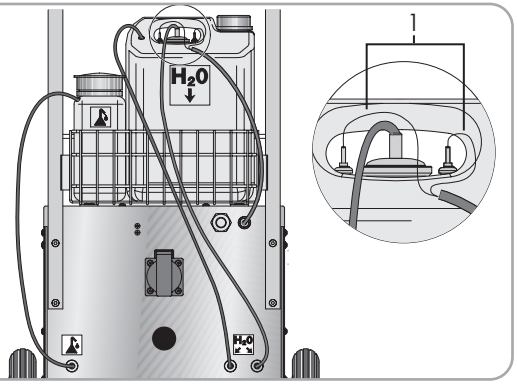
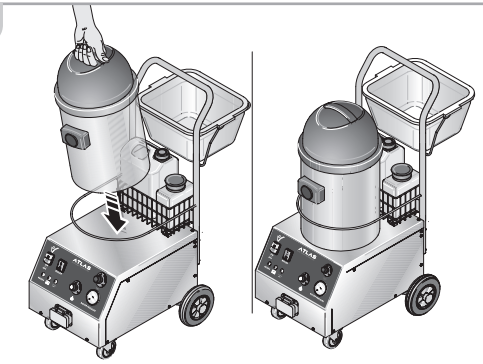


Fig. 5



7. Connect the vacuum cleaner plug into the rear socket of the unit.

CAUTION! Connect only the vacuum cleaner delivered with the unit. Other vacuum cleaners or tools can damage the unit (Fig. 6).

8. Refill the water tank with tap water (1 Fig. 7).

CAUTION! Use only tap water, never use any other substance (Fig. 7)!

9. If using detergent refill the detergent tank (2 Fig. 8).

CAUTION! Use only products suggested by manufacturer (Fig. 8).

10. If there is no power to the machine check the fuse (A).
11. Unwind the cable and insert the plug into the wall socket of a suitable wiring system. Unless otherwise stated the machine is suitable for 120V-60Hz connection (Fig. 9).

CAUTION! We will not be liable for any damage caused by operating conditions with voltages other than required! Make sure that the plug is grounded so as to avoid any problems with the generator function (Fig. 9).

Fig. 6



Fig. 7

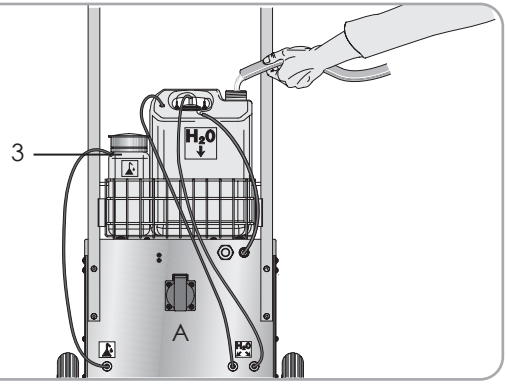
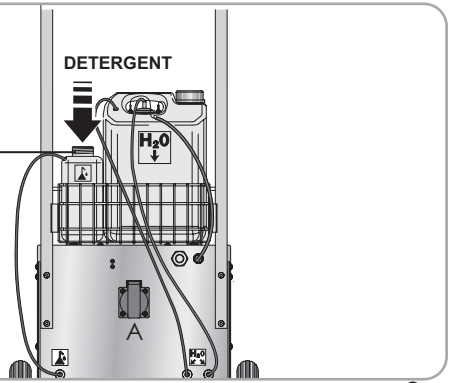


Fig. 8



General information

1. Main ON / OFF switch (Fig. 10)
2. Pressure gauge
3. Steam pressure light
4. Low water level indicator
5. Steam production reduced by 60% when vacuum function is ON (go back to normal steam production by switching the vacuum cleaner OFF, press button 4 Fig. 16)
6. Detergent quantity regulator
7. Steam quantity regulator
8. Detergent switch
9. Flexible hose connector

▹ Ensure vacuum switch is off before turning on power for the steam boiler. Wait for machine to fully heat-up before using vacuum function.

▹ Turn on the boiler switch (1. Fig. 11); the pressure indicator green light will flash for the time required to reach the maximum pressure level (3. Fig. 11), after which it will stabilize and remain on.

▹ Absence of water inside the tank is indicate by the flashing of the indicator (2. Fig. 11) and by an acoustic signal on the dashboard. Immediately undertake to fill the tank.

▹ After refilling the tank with water the machine will return automatically to normal functioning.

Fig. 9

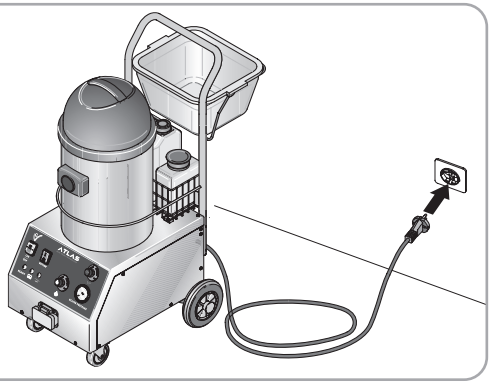


Fig. 10

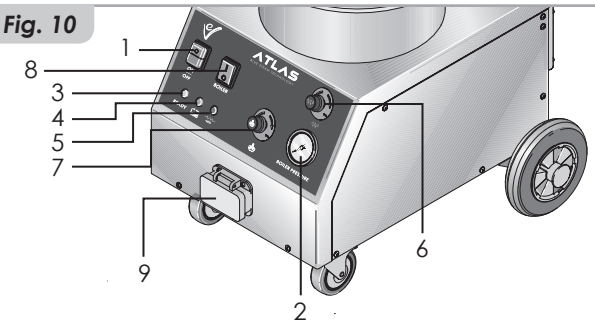
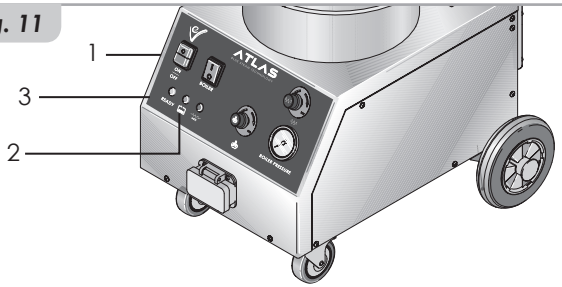


Fig. 11



Pressure Gauge

▹ A pressure reading gauge is present on the control panel (Fig. 12).

▹ Open the latch of the hose inlet, on the machine front, and connect the hose making sure that it is properly connected (Fig. 13).

▹ Insert and connect the other end of the hose in the vacuum inlet (Fig. 14).

▹ To move the machine push from backward as shown in (Fig. 15).

Fig. 13

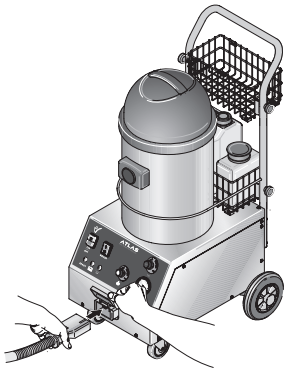


Fig. 14

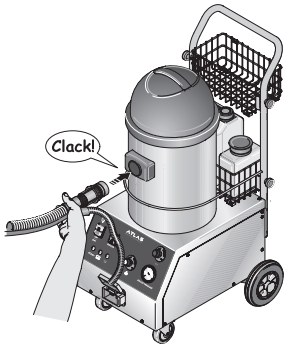


Fig. 12

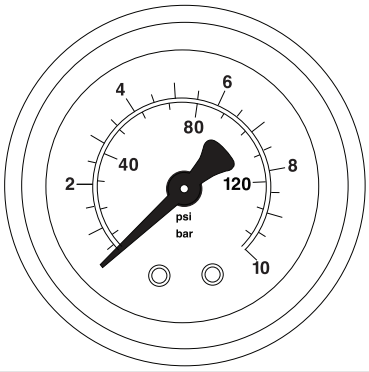
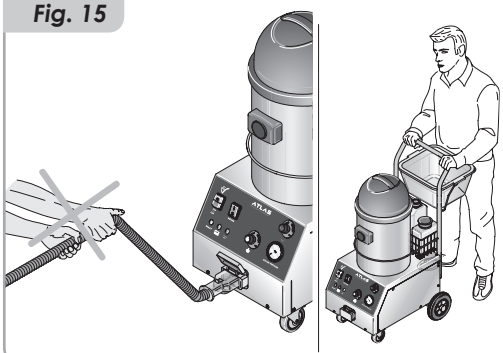


Fig. 15



Preparation and use

First fill up

- If the boiler and water tank are completely empty, all system functions are disabled.
- Ensure there is water in the tank, and manually fill if empty.
- With the tank full and the boiler empty, after feeding the generator through the switches (see the "PREPARATION" paragraph), the system controls the water filling pump until the correct level is reached in the boiler. In this phase the heating element is deactivated. Once filling is completed, the pump is turned off, and heating is simultaneously enabled through the boiler heater.
- Discharge any residual air from the boiler during the heating stage, by pressing switch 3 (Fig. 16) and pressing the steam trigger 1 (Fig. 16). This operation is important, given the power of the generator to prevent excessive rise in pressure.

Level adjustment

Boiler

- Refilling is carried out each time the level probe senses a low water level in the boiler. During normal level recovery, the heater remains enabled for heating.
- If during filling the level probe located in the tank should remain exposed, the system immediately stops refilling operations and the signal lamp (2 Fig. 11) starts blinking together with an intermittent acoustic signal.

Water Tank

- Each time the tank level probe senses a low water level, the system immediately stops refilling operations and the signal lamp (2 Fig. 11) starts blinking together with an intermittent acoustic signal.
- Refill the tank to reset the alarm.

IMPORTANT: AVOID THE USE OF DISTILLED OR DE-MINERALIZED WATER NOT TO JEOPARDIZE THE EFFICIENT FUNCTION OF THE GENERATOR.

Steam ejection

- The steam is released by pressing the steam trigger (1. Fig. 16)
- The steam trigger (1) may be locked with the safety catch on the grip. By pressing the safety lock on the left side of the grip will block the steam trigger (2 Fig. 16), pressing on the opposite side will release it (3 Fig. 16)).

Steam and detergent ejection

- Enable the detergent ejection by switch (4 Fig. 17).
- With the detergent ejection enabled the detergent is automatically ejected with the steam when the trigger (1 Fig. 16) is pressed.
- Adjust detergent quantity using (6 Fig. 17).
- During operation, the machine may reach high temperatures. Do not touch the parts that come into direct contact with steam.

Fig. 16

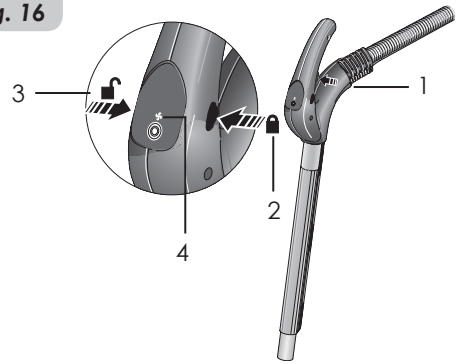
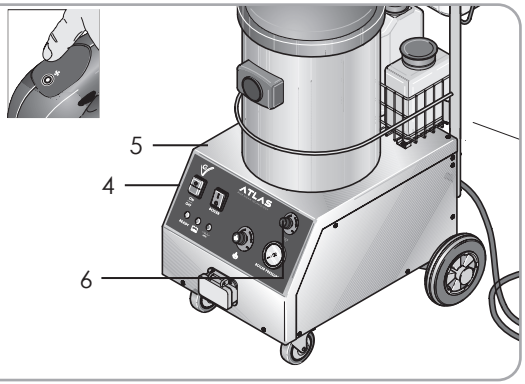


Fig. 17

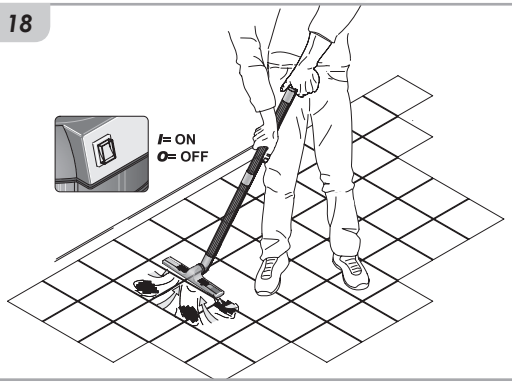


Vacuum

▹ The machine can also be made to function in "vacuum only" mode, as a powerful wet/dry vacuum cleaner. Simply by pressing the switch positioned on the suction panel (Fig. 18).

▹ The vacuum motor is started by pushing button (4 Fig. 16) on the handle.

Fig. 18



Steam delivery and suction

▹ During the standard steam delivery phase, switch on the vacuum to ensure suction at the same time as steam is emitted. By pressing the steam trigger (1 Fig.16).

▹ It is advisable to use the steam first then to vacuum the surface.

CAUTION: ACCESSORIES CAN REACH HIGH TEMPERATURE.

Vacuum kit

Steam and vacuum function

During normal delivery of steam / detergent, press button (Fig. 16) to activate the suction function together with the steam.

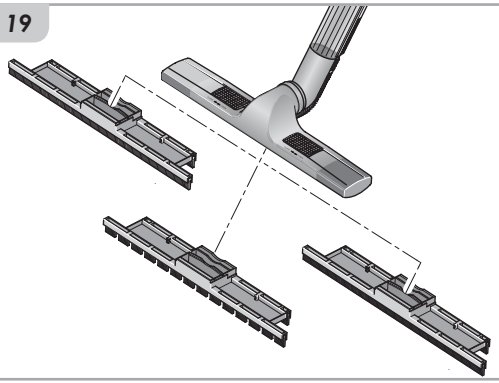
DURING OPERATION, THE UNIT MAY REACH HIGH TEMPERATURES. DO NOT TOUCH THE PARTS THAT COME INTO DIRECT CONTACT WITH THE STEAM (E.G. NOZZLES ETC.). REMOVE THE HEPA FILTER FROM THE VACUUM CLEANER IF YOU USE THE STEAM AND VACUUM FUNCTION.

Steam and vacuum brushes

The brushes are used for both steam cleaning and suction. Depending on the surface use the most suitable tool (Fig. 19):

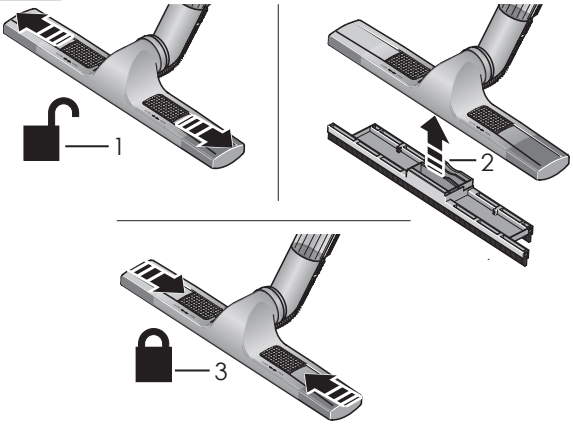
- Frame with double rubber, for steam and vacuum function
- Frame with double bristle, only for dry suction
- Frame with hard slide insert, for carpets

Fig. 19



For the correct assembly of the frame, (1) release the securing hooks, (2) assemble the tool, (3) close the sealing hooks (Fig. 20).

Fig. 20



▹ This industrial steam vacuum generator does not require any particular maintenance. It may be necessary to empty the water out of the boiler to remove any lime scale deposits. Loosen the cap on the base. Only do so when unit is cold.

▹ Be sure to re-close the cap once the water has been totally discharged.

Cleaning / emptying the vacuum cleaner

▹ After each use, or when one notices a change in the running noise or should it fail to vacuum, it will be necessary to empty the drum (Fig. 21).

▹ Remove the vacuum from its compartment (Fig. 22).

▹ Unlock the two side hooks of the vacuum device and lift the vacuum head.

▹ Empty and clean the vacuum cleaner (Fig. 22).

▹ Remove the filter (1 Fig. 23), installed below the head, by loosening the fixing cap (2).

▹ Clean with running water checking whether it is intact. If visibly damaged, replace it.

▹ Replace the vacuum compartment (Fig. 23) making sure to insert the plug into the relative socket should it have been previously removed.

Fig. 21

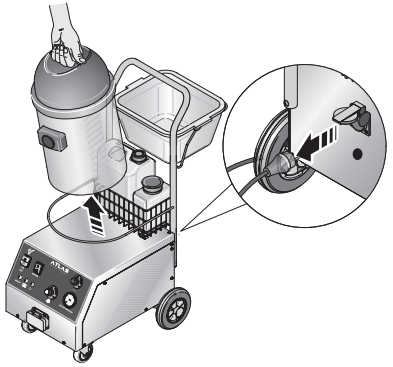


Fig. 22

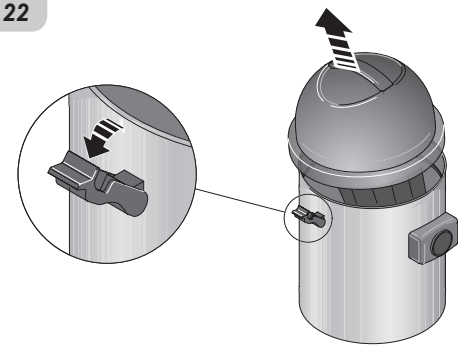
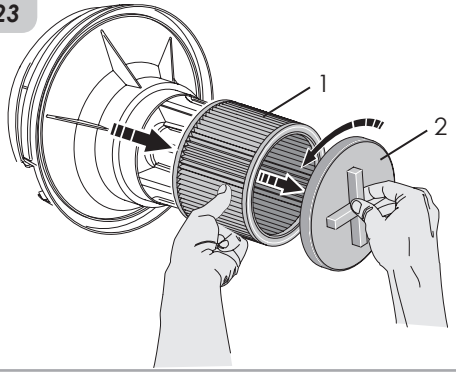


Fig. 23



Legal aspects

This user guide contains the information necessary for correct use, proper handling and skilled technical support of the unit.

Knowledge of and compliance with this guide is a condition for safe operation and safe maintenance of the unit.

Of course, this user guide cannot contain all possibilities for use.

If you need more information or have more questions, please contact us.

E V International Ltd.
Kostur 14A, BG-1618 Sofia
Phone: +359 2 400 77 36
Fax: +359 2 950 77 16
office@ev-international.com
www.ev-international.com

Disposal and recycling

The materials from which the device is made, must not be discarded. In order to remove them as waste contact public points for processing and recycling or the supplier.

According to Art.13 of the Law enforcement No 151 of July 25, 2005 Implementation of Directives 2017/2102/UE and 2012/19/UE for reduction of the use of hazardous substances in electrical and electronic equipment and removal of waste.

Crossed bin symbol on the appliance means that at the end of its use, the product should be removed separately from the other waste.

You'll have to hand over the device, that will no longer be used in the centers suitable for separate collection of electrical and electronic waste or to return it in the shop in case of buying a new appliance of this type.

Proper separation of instruments that undergo recycling, preparation and disposal as waste, which does not harm the environment, helps to avoid possible negative environmental impacts and health. It also favors the reuse of materials from which the device is made.

Unlawful removal of the product as waste by the user is punished by criminal law enforcement measures under Law enforcement 22/1997 (Art. 50 and following of the Law enforcement No 22/1997).

Legal aspects

CE

E V International Ltd., Kostur 14A, BG-1618 Sofia, declares on own responsibility that the device referred to in this declaration of conformity complies with the following safety requirements laid down in the Directives for the CE marking:

ELECTROMAGNETIC COMPATIBILITY
AND ELECTRICAL SAFETY

2014/30/UE

- EN 55014-1:2017+A11: 2020
- EN 55014-2:2015
- EN 61000-3-2:2019
- EN 61000-3-3:2013

and meets the next harmonized standards:

2006/42/CE

- EN 60335-2-79:2012
- EN 60335-1:2012 + A11:2014+A13:2017
- + A14:2019+A15:2021
- + A1:2019+A2:2019

Electric Heating Appliances
UL 499
Issued:2014/11/07
CSA C22.2 N.64:2010
Issued: 2010/03/01 (R2014) Ed:7

100% VIRUCIDAL system against human CORONAVIRUS 229E, based on the test UNI EN ISO 16777: 2018

Maintenance



















international®

EV ATLAS

Dear Customers,

Thank you for choosing EV and taking the Green Deal!



EV ATLANTIS

Hospitals & medical practices

Ambulances & vans

Veterinary clinics

Homes

Cars & motorbikes

Office buildings

Kitchens & catering

Shops & supermarkets

Schools & kindergartens

Theaters & cinemas

Beauty & hair salon

Fashion & retail

Hotels & restaurants

Sport halls & arenas

Spa & Gyms

Public transportation

Aviation

Yachts & maritime transportation

E V International Ltd.®
office@ev-international.com

www.ev-international.com

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