



EVOSTEAM™

Steam cleaner



User guide

1. INTRODUCTION

- Thank you for buying EVOSTEAM™ steam cleaner. We are dedicated to provide you with high quality products.
- Please check if your ordered product is in good shipment condition, with the correct accessories, any damage during transportation, if you find any problems please contact us at : contact@deck912.com
- This manual gives instructions on the correct operation, it's important that you follow this instructions carefully.

⚠ WARNING : To ensure the product long-time stable working, please read this manual carefully before your installation, transportation, repair or maintenance. In order to fully understand the safety problems, the technical data and operating methods of the machine and other related notices points.

DÉFINITIONS :

- **COOL** mode : pressurized cold water
- **HOT** mode : pressurized hot water
- **STEAM** mode : pressurized steam
- **PULSE** mode : pulsed jet
- **High Temperature** : thermal protection in case of machine overheating

2. CAUTIONS

Note the following points during use :

1. Make sure inlet hose is in the bucket, start the machine in COOL mode to avoid machine in dry running and get in dry burning protection. STEAM mode must be used with clean water.



2. The maximum power of this machine is 3300W, please use it under the range of power supply, if the general domestic power line cannot bear and trip, please use small steam or 2200W HOT water function, do not use large steam and 3300W HOT water function, so as not to burn out the circuit.

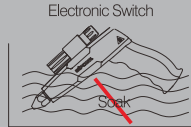


Commercial Electricity
3300W

3. Strong acid detergent is not allowed. We are unable to accept any liability in case of blockage or breakage for non conforming usage.



4. Spray gun soaked in the water is not allowed, to avoid any internal parts damaged.



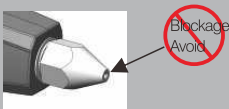
5. 2mm short and long steam spray nozzles are just used on STEAM mode, 220 °C spinning gun should be used in HOT and COOL mode. STEAM mode is not allowed.



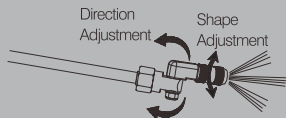
6. Do not touch directly by hand as the internal heater and steam nozzle temperature is very high after using STEAM and HOT water function.



7. Please check if any blockage in nozzle vent hole if poor steam. white scale will be created after long time using. please use citric acid to make the descaling.



8. Direction can be adjusted by left or right turning, water shape (columnar or mist can be adjusted by nozzle switching)



9. It will take about 25-30s to create steam when you start STEAM mode. It is normal when the water reserved in the pipe line automatically drained before the steam is out.



Steam nozzle only for
"STEAM" mode

10. Please use COOL mode to drain out the inside water before you shut down this machine. STEAM or HOT water mode is forbidden.

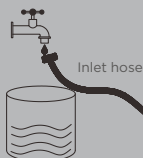


Choose "Cool" water mode
to do drainage

11. «High Temp» warning will light on the LCD display and indicate over-temperature. Please check if the inlet filter's blockage caused the poor water suction or shortage. Clean the filter and machine will resume working after 20 minutes cooling.



12. If the machine cannot do self-priming, please fulfill with water into pipe and pump until outlet overflows, then it will resume normal working.



13. Please stop working immediately once the machine gets wet, plug off. Dry off and let it dry naturally before you re-start it.



14. Don't spray to any people, pets and machine itself to avoid accident during operation.



High temperature danger

⚠ ATTENTION IN “HOT” MODE

1. Corrosive detergents are not allowed. We are unable to accept any liability if it caused corrosion or damage.
2. The “HOT” mode can be adjusted to 3 options : high, medium and low water pressure ; the temperature can be adjusted to 3 options : High temp (3300W), Medium temp (2200W), and Low temp (1100W).
3. You can adjust the water temperature and pressure according your different needs, the normal temperature water can be directly heated to 60°C, and the circulating hot water can reach 100°C to achieve better cleaning.
4. Be sure to clean the internal line of the machine with clean water after each use.

⚠ ATTENTION IN “STEAM” MODE

1. Make sure inlet hose is in the bucket with clean water, start the machine with COOL mode firstly to avoid machine in dry running and get in dry-burning.
2. Be sure used with clean water - detergent or dirty water is not allowed.
3. Adult operate only
4. Inlet water temperature should be no more than 50°C
5. Do not block the steam ejection vent during operation, to avoid the high inner pressure, and cause the serious damage.
6. There will be a preheating procedure when start the STEAM mode - water spillage is normal.
7. Clean inlet filter before use to avoid blockage.
8. Please choose COOL water mode to drain off the inside water after use. It will cause HIGH TEMP warning if choose HOT water or STEAM for drainage.
9. Machine will switch to COOL mode automatically if HIGH TEMP light on the LCD and enclosed with voice alarm, STEAM mode will resume working when the temperature is cool down.

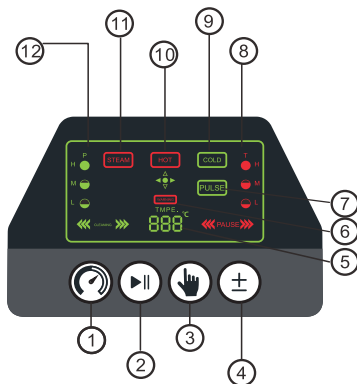
3. PRODUCT OVERVIEW

3.1 Description

EVOSTEAM is special design for domestic air conditioner and small refrigeration equipment cleaning. Built-in permanent magnet motor powered water pump. the product features as below:

- High temperature and high-pressure steam
- Multiple stage water temperature to meet the requirements of different working conditions
- LCD touch display, voice reminder,
- Intelligent spray gun, one-touch operation during operation
- Steam, hot water and cold-water flow in and out of the same pipeline

3.2 Instructions



**PLUG IN CORRECT POWER((Minimum 230V,16A) -
STOP USE 3300W «STEAM»AND 3300W«HOT»MODE IF TRIPPER**

1a) H-M-L pressure switched
in COOL water and HOT water
mode

ADJUSTMENT KEYS	1b) Big-Small steam switched in STEAM mode
	2) START / STOP
	3) Cleaning mode switched
	4) H-M-L temp adjustment in HOT water and moisture adjustment in STEAM mode
CLEANING MODE KEYS	5) Indicate the outlet water or steam's temperature
	6) HIGH TEMP warning, overheat protection
	8) H-M-L temperature or moisture's indication
	12) "H-M-L Pressure" or "Big-Small steam" indications
CLEANING MODE KEYS	9) 3 modes of pressure can be adjusted in COOL water mode
	10a) 3 modes of pressure can be adjusted in HOT mode
	10b) 3 modes of temperature can be adjusted in HOT mode
	11) 2 modes of STEAM cleaning mode
	7) Pulse cleaning

Remark : The steam moisture can not be adjusted remotely by multi-functionalspray gun, only by pressing « ± » on the control panel.

• Multi-function spray gun

The spray gun reached the muti-function of water pressure adjustment, cleaning modes witching, START/STOP through emote action.

• Functions under STOP/START status :

- A. When machine is in STOP status, press the FUNCTION key to choose your cleaning mode COOL water, HOT water, STEAM, PULSE.
- B. When machine is on operation in COOL, HOT mode, press the FUNCTION key to adjust water pressure.
- C. When machine is on operation in STEAM mode, press the FUNCTION key to adjust steam pressure.



4. APPLICATION AND RANGE

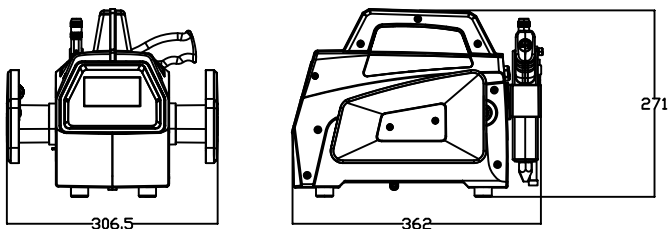
STEAM A/C cleaning machine is special design for indoor or outdoor units. But it is also can be used in household appliances such as lampblack machine, refrigerator, washing machine, water heater, water dispenser, etc. The machine applied the instant high-temperature working principle. Realize the dis-assembly free cleaning for air conditioner and fume hood. Clean the harmful substances such as scale and rust in drinking water machine, water heater and other household appliances through circulation washing.

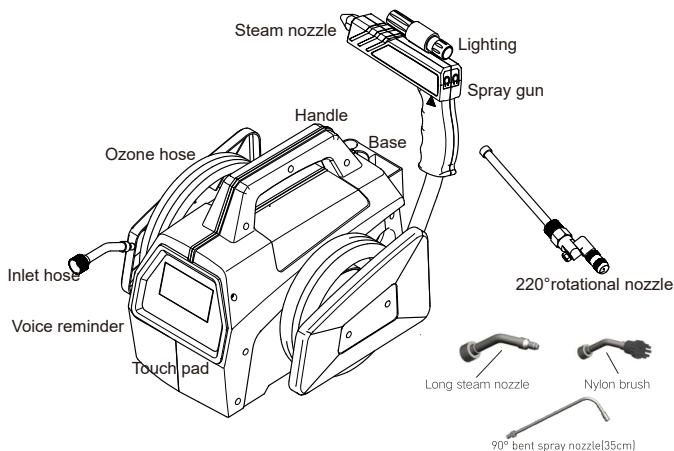
5. TECHNICAL SPECIFICATIONS

COOL/HOT WATER MODE	
Voltage	230V~/50-60Hz
Power (hot water)	<ul style="list-style-type: none">• High : 3300W• Medium : 2200W• Low : 1100W

Suction lift	1,50 meters
Pressure	3-6 bar
Flow rate	3 L/min
Temp.	60-85°C
Inlet hose	1,50 meters
Outlet hose	3,0 meters
STEAM MODE	
Voltage	230V~/50-60Hz
Power	<ul style="list-style-type: none"> •High steam : 3300W •Low steam : 2200W
Temp.	120-150°C
Continuous working	3 hours
Outlet hose	3,0 meters
MEASUREMENT	
L	362 mm
W	306,5 mm
H	271 mm
Weight	5,5 kg

6. DIMENSIONS





7. OPERATIONS

7.1 Before use

Please check any damage of products and accessories, any blockage of filter and nozzle, any abnormal for assemble or connection before your operation.

7.2 Usage recommendations

1. Put the inlet pipe into the bucket with clean water inside. As shown on the below picture.



Make sure inlet hose is in the bucket, start the machine in COOL water mode to avoid machine in dry running and get in dry burning protection. STEAM mode must be used with clean water.

2. Plug in correct AC power(230V/16A) ,then make the leakage testing. Start the operation after LCD display lights.

3. Put the spray nozzle towards the bucket, then select your cleaning function-mode(COOL,HOT, STEAM, PULSE) through touching keys on LCD or muti-function spray gun, adjust the pressure and temperature according your requirement.
4. - 220°spinning gun should be just used in HOT water and COOL water mode. Direction can be adjusted by left or right turning, water shape (columnar or mist) can be adjusted by nozzle switching. 2mm spray nozzle is just used on»STEAM»function only.
5. Please switch to COOL» water mode and last for 10 seconds after use STEAM or HOT mode, to cool down the inner heater quickly.
6. 140°C to 150°C temp is in high STEAM mode and 130°C to 140°C is in low STEAM mode.
7. Press «RESET» key on the PLUG for short-time shut down.

8. MAINTENANCE

Descaling

After long-term use, calcium sulfate containing slightly soluble in water will be separated out due to water evaporation, and carbonate in water will combine with calcium and magnesium plasma to generate water-insoluble calcium carbonate and magnesium carbonate. With the continuous evaporation and concentration of water and the scale is formed after reaching saturation. High temp warning occur frequently. Timely treatment of scale will greatly help the normal use of the machine and prolong the service life of the machine.

Descaling Steps:

1. Prepare a 3-5L containers (buckets or washbasins) and fill them with clean water
2. Put the inlet pipe in the container
3. Connect the power supply of the cleaning equipment, adjust it to the «high» grade of «hot water mode», start the machine and start circulating heating
4. When the water temperature displayed on the washing machine display reaches «60°C», stop heating and pour food grade citric acid into the container (In the proportion of 20g citric acid : 1L clean water)
5. Press the mode key to adjust to the cold water mode to cycle for 15-20 minutes. Then stop the equipment and replace with clean water;


6. Restart the machine and run in «cold water” mode for 3 minutes to clean the residual chemicals in the machine.

Note : We recommend you to make the descaling after 3-5 time usage

9. TROUBLE SHOOTING

Problem	Cause	Action
No lighting when plug in	Plug loose or switch plug «OFF»	Plug again or switch plug «ON»
Stop working during operation	Circuit or socket's overloading	Use the high-loading circuit or socket
Low pressure of nozzle	Air in the pipe	Disassemble the spray gun and fit again after the machine 'start working.
	Blockage in the filter	Clean the filter
	Dirt inside the nozzle	Clean the nozzle
No water outcoming during the operation	Blockage inside the water pump	Fulfill with water into pipe and pump until outlet overflows, then it will resume normal working.
	Inlet filter blockage	Clean filter
	Inlet pipe are not in the water	Put the inlet pipe into water and start working with «COOL» water mode

No steam or big and small in sudden.	Inlet filter blockage Overheat protection Dirt water	Clean filter Re-start after 20m shutdown cooling Use the clean water
Water Leakage	Loose connection Sealing losing	Fasten the connection Change sealing

 **ATTENTION** : If «high temp» warning occur frequently, please contact with manufacturer and solve the problem timely.

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N.B. LINSTRUMENT reserves the right to make changes without prior notice.