



envatone® Water Dispensers
Quick Setup Guide
Quick Start

Water Dispensers Quick Setup Guide and Operation Manual
Applicable Model: GE11-T311A



100°C boiled water

The machine is equipped with earth leakage protection power cable to ensure electrical safety of users. Please read this manual carefully before using the product.

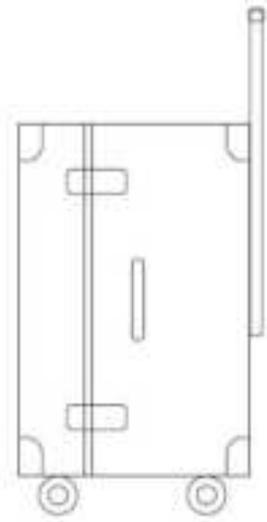
Please read this manual carefully before operating the product or carrying out repairs.

How to use this manual:

- Please read this manual carefully before using the product and keep the manual properly for future reference.
- Please comply with the requirements specified in this manual and operate according to the instructions indicated on the product.
- If there is still concern about usage of the product after reading this manual, please call our customer service hotline: **400-839-2600**.
- To guarantee that you have thoroughly comprehended all instructions, please pay special attentions to definitions of symbols within the manual while reading.

I. Unpacking instructions

The product is packed in an aluminium alloy reinforced suitcase. On receipt of the product, please carefully check whether there is any damage of the case body, and take out all of the accessories firstly, check and confirm that all accessories are present and in the right quantity. Then take out the water dispenser by leveraging the built-in pulling strap and conduct appearance inspection for any visible damage.

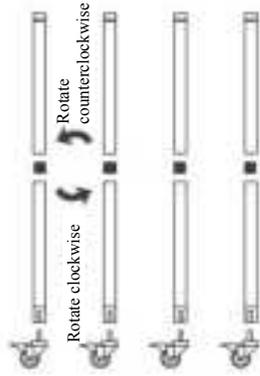


II. Table assembly instructions

(1) Check the quantity of components of the carbon steel table, which include:

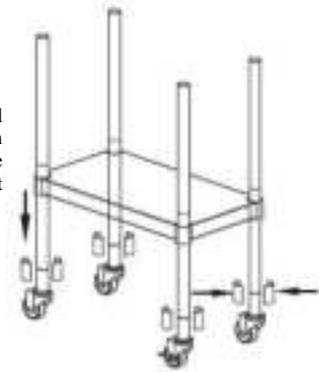
Top plate * 1		Upper pillar * 4		Connector for upper and lower pillars * 4	
Bottom plate * 1		Lower pillar * 4		Hole cover for pillar of the top plate * 4	
Caster wheel * 4		Fixed piece for top plate and bottom plates * 16		Hook for the suction nozzle * 1	

Assembly diagram of the carbon steel table:

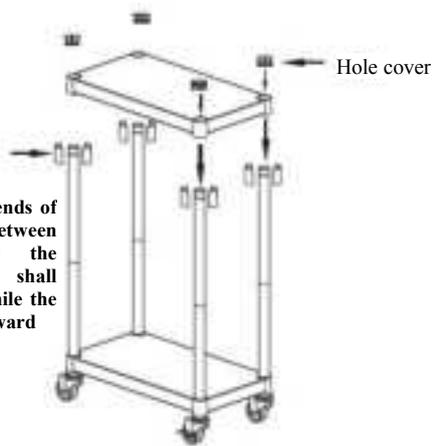


(I)

Mount the fixed pieces, and push the bottom plate downward to fix it in place

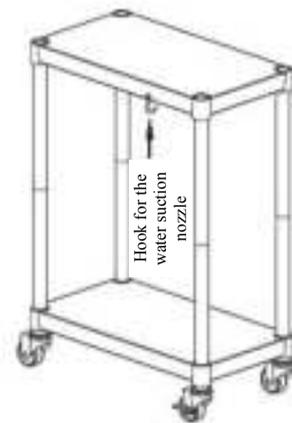


(II)



Note: the thinner ends of the fixed pieces between the pillar and the top/bottom plate shall mount upward, while the thicker ends downward

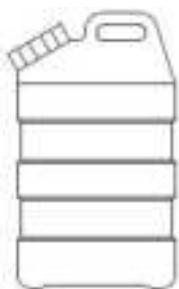
(III)



(IV)

III. Description of source water barrel

Source water barrel shall have a minimum capacity of 12L, and make sure that the stainless steel suction nozzle is at least 2.5cm above the bucket bottom. See “Installation mode 1” for the detailed installation method.



Dedicated bucket of 18.9L



Bucket for bottled water of 18.9L



Camp bucket of 16 L



Water storage barrel of 12L

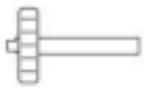
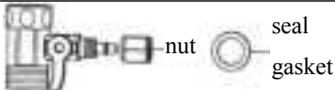
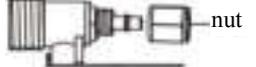
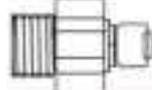
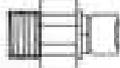
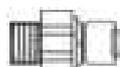
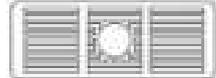
IV. Accessories and installation and operation instructions

1. Installation notes

- **Installation mode 1: Use a water dispenser with a suction nozzle for barreled tap water.**
- **Installation mode 2: Directly connected to the tap water pipe, with water drained through the floor drain.**

- The product is applicable to the standard municipal voltage of 220V/50Hz, compatible with 110 - 240V/50 - 60Hz, and shall be connected to a 3-pole earth leakage protection socket.
 - Water suitable to be used for the product is municipal tap water.
 - As to installation mode 1, if water change happens before bed, the bucket shall not be fully filled since when the scheduled intelligent sterilization starts automatically at 3:15 AM, 3L potable water will be discharged into the bucket first, and if the bucket was fully filled, **water may overflow to the floor.**
 - As to installation mode 2, the water pressure of municipal tap water of 0.1 - 0.4MPa is applicable, and to avoid damage of the machine due to abnormal water pressures, a pressure relief valve is provided additionally for free (installed in between the inlet PE pipe, please note that the flow direction shall be consistent with that indicated on the valve).
 - As to installation mode 2, there will be a flow of yellow and black polluted water lasting for 15 - 20 minutes from the tap water supply network when resupply after a water stoppage, in such case, please avoid using the machine, in prevention of flow of yellow and black polluted water into the filter cartridge and shortening the service life of the cartridge.
 - Please close the inlet valve of the water supply pipeline before installation.
 - Please read the manual carefully before installation, and ensure that all accessories required for the installation are present (see the packing list).
 - In case of fault of the product, please call our 400 after-sales service hotline, and do not dismantle the machine by yourself, in prevention of any risk.
 - The machine must not be immersed in the water.
- Note: Personal injuries such as burns and electric shock, fire and other hazards may happen if the machine is maintained or repaired not complying with requirements specified in the manual.
- Envatone will not be responsible for any accident or damage due to non-compliance with the manual.

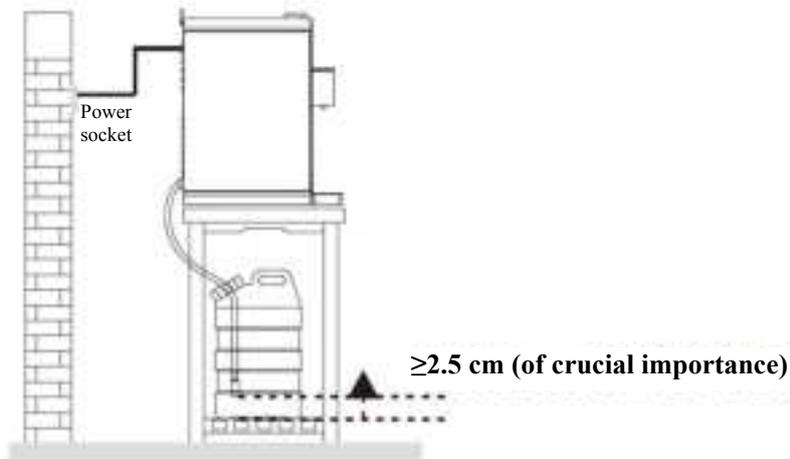
2. Main accessories

Installation mode	S/N	Accessory	Quantity	Drawing	Note
Installation mode 1: Use a water dispenser with a suction nozzle for barreled tap water.	1	External casing for the water dispenser	1 piece		
	2	Stainless steel suction nozzle	1 piece		
	3	Bucket cover + short silicon tube (may be packed separately)	1 piece		
Installation mode 2: Directly connected to the tap water pipe, with water drained through the floor drain.	4	Three-way inlet ball valve assembly	1 piece		Depending on the installation site water supply pipe head situation to choose a kind of installation
	5	Straight-way inlet ball valve assembly	1 piece		
	6	Pressure relief valve	1 piece		Cut a piece of PE pipe into appropriate length and install it in between the inlet PE pipe, and note to keep the flow direction consistent with that indicated on the valve
	7	1/4 inch white inlet PE pipe	3 meters		Cut into appropriate lengths for use
	8	3/8 inch blue wastewater PE pipe	3 meters		
	9	1/4 inch to 3/8 inch transition elbow	1 piece		Transition elbow of the rear plate
	10	Ball valve switch for external water supply (coffee machine)	1 piece		If there is no external water supply, the plug of the external water inlet must not be pulled out
	11	1/2 inch outer thread to 1/4 inch straight-way quick connector	1 piece		Select one to install according to the size of the supply water pipe head on the installation site
	12	3/8 inch outer thread to 1/4 inch straight-way quick connector	1 piece		
	13	1/4 inch outer thread to 1/4 inch straight-way quick connector	1 piece		
	14	3/8 inch to 1/4 inch straight-way quick connector	1 piece		
15	Waterproof thread seal tape	1 roll			
Accessories for general use	16	Drip tray	1 piece		
	17	Small blue locking plate	10 pieces		
		Cable tie	10 ties		

Note: At all connections with connectors, the PE pipe shall be inserted thoroughly to make the marker on the pipe just reveal.

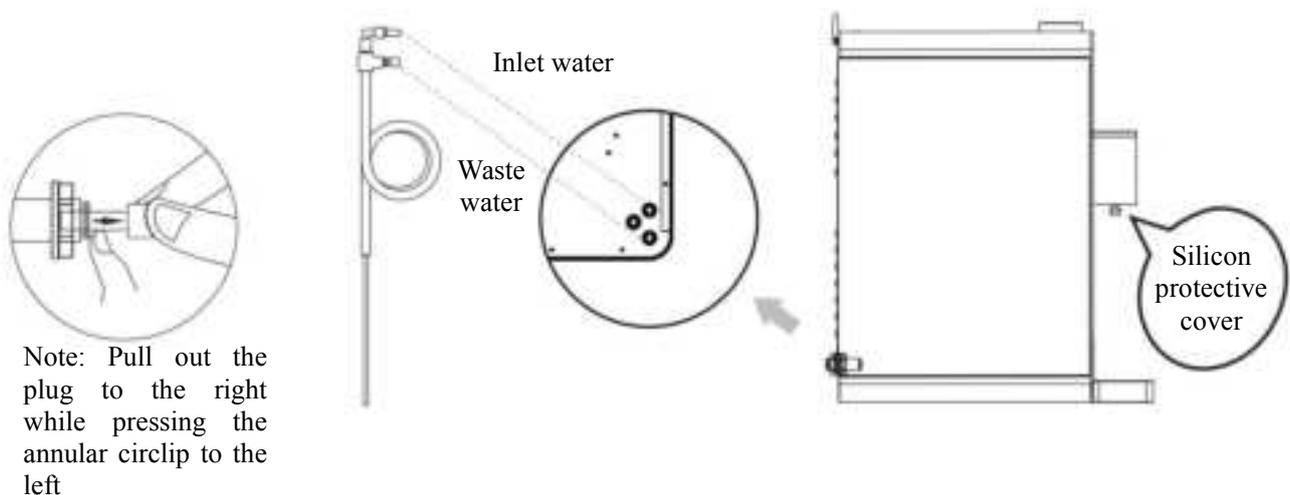
3. Installation mode 1: Use a water dispenser with a suction nozzle for barreled tap water.

- (1) Place the machine on the table;
- (2) Unscrew and take off the cover of the source water barrel, clean the barrel and fill it with fresh tap water;
- (3) Use bucket with a capacity of over 12L as the source water barrel, **change** the bucket cover to the accessory “barrel cover” provided with the machine, and then measure the height from the opening of the bucket to the bottom, make simple combinations by shortening and adjusting the lengths of the white PE pipe under the barrel cover and the silicon pipe above the cover to **ensure that the stainless steel suction nozzle is at least 2.5cm above the bottom of the bucket, and the specific combination is as below:**



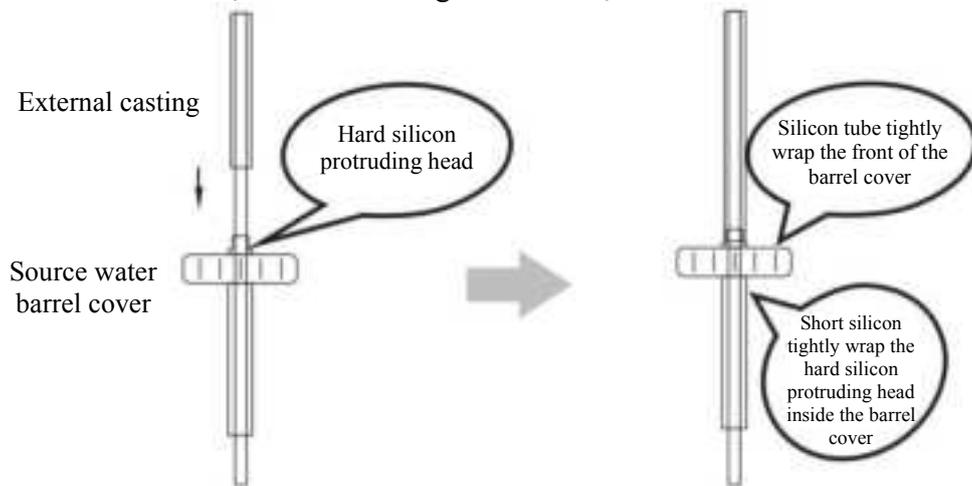
- (4) Connect the external casing to the water inlet (gray) and wastewater outlet (blue) on rear of the machine, as shown in Figure 1;

Note: Take off the silicon protective cover and plugs in the water inlet and wastewater outlet before installation;



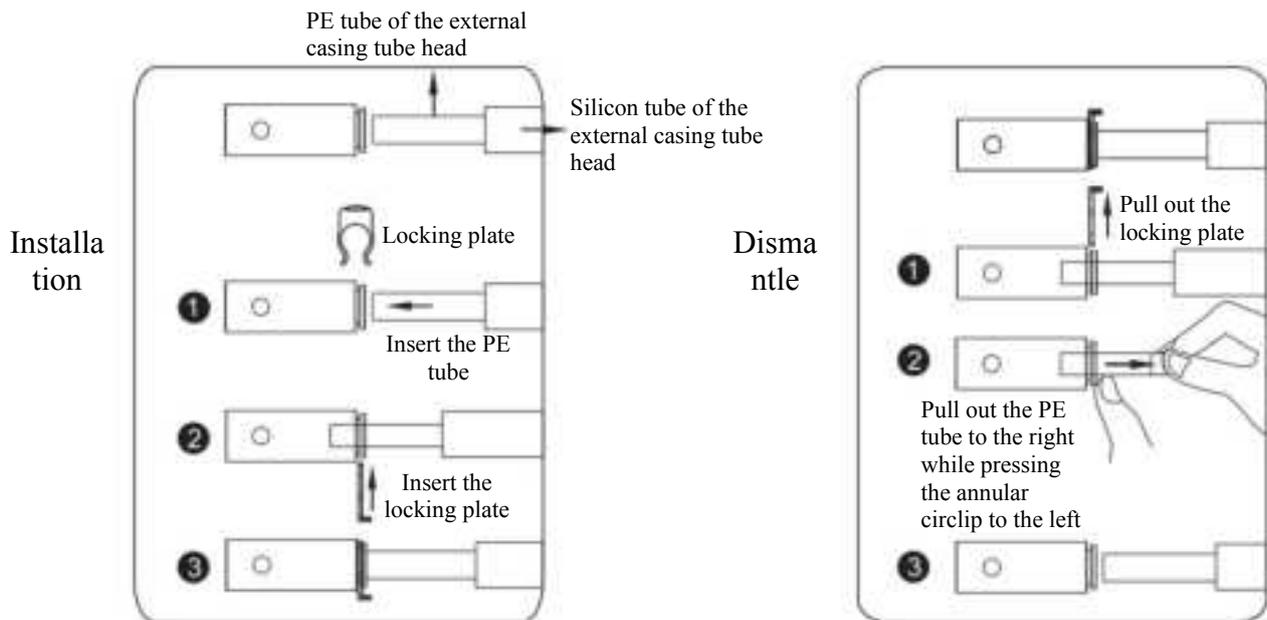
(Figure 1)

(5) On the other end of the external casing, thread the PE pipe through the hole in the “barrel cover”, and make the end of the outer silicon casing tightly wrap the hard silicon protruding head on the front of the “barrel cover”, and the short silicon casing tightly wrap the hard silicon protruding head inside the “barrel cover”, as shown in Figure 2 below;



(Figure 2)

(6) Connect the suction nozzle with the PE tube end of the external casing, as shown in Figure 3 below;



(Figure 3)

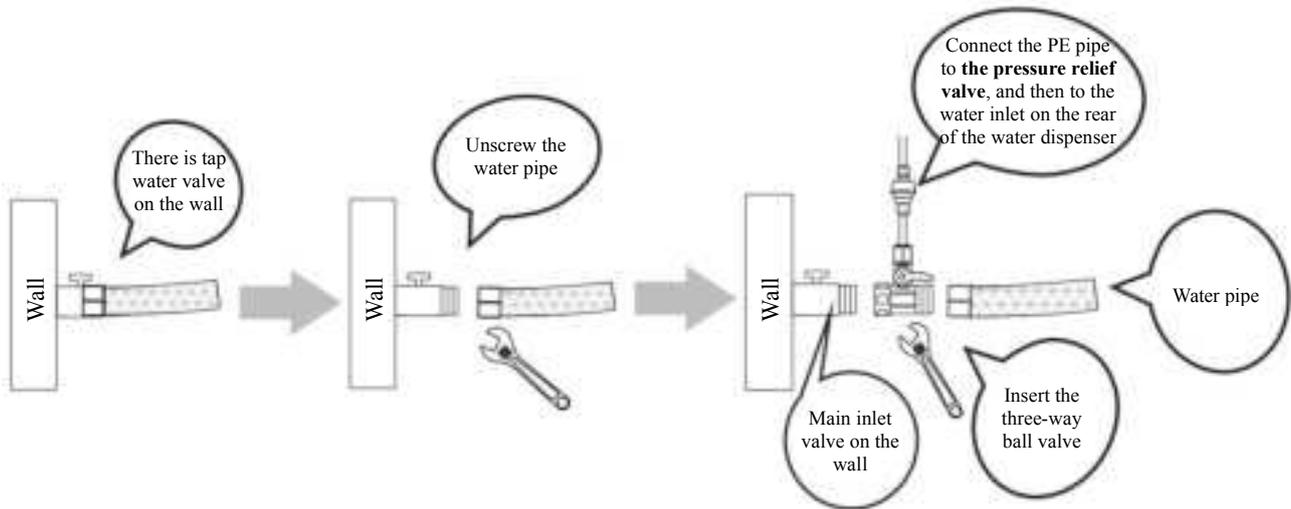
(7) The assembly will be complete after put the suction nozzle into the source water barrel, and cover the combined “barrel cover”.

- 1) The external casing is equipped with a suction nozzle, which will be placed into the source water barrel and will have some residual water dripping while taking out of the barrel;
- 2) Please press the “Unlock/Reset” button after every water change to start the machine and remake water;
- 3) **Residual wastewater remained in the barrel must be poured out every time of water change, and shall not be reused.** Otherwise, concentration of wastewater in the barrel will increase significantly in short time, and crystallize out, and crystals of the wastewater will pollute the full waterway of the machine.
- 4) If water change happens before bed, the bucket shall not be fully filled since when the scheduled intelligent sterilization starts automatically at 3:15 AM, 3L potable water will be discharged into the bucket first, and if the bucket was fully filled, **water may overflow to the floor.**

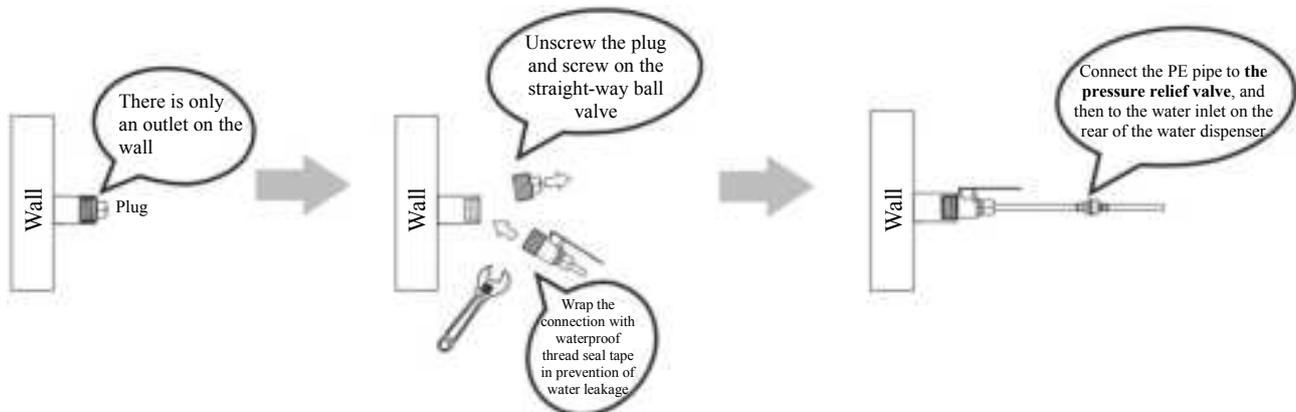
4. Installation mode 2: Directly connected to the tap water pipe, with water drained through the floor drain.

- Close the main inlet valve before installation
- Carry out installation as per (1) or (2) according to different heads of wall-mounted water pipes

(1) The first installation method (share the inlet source water with other equipment through the inlet three-way ball valve provided together with the machine)

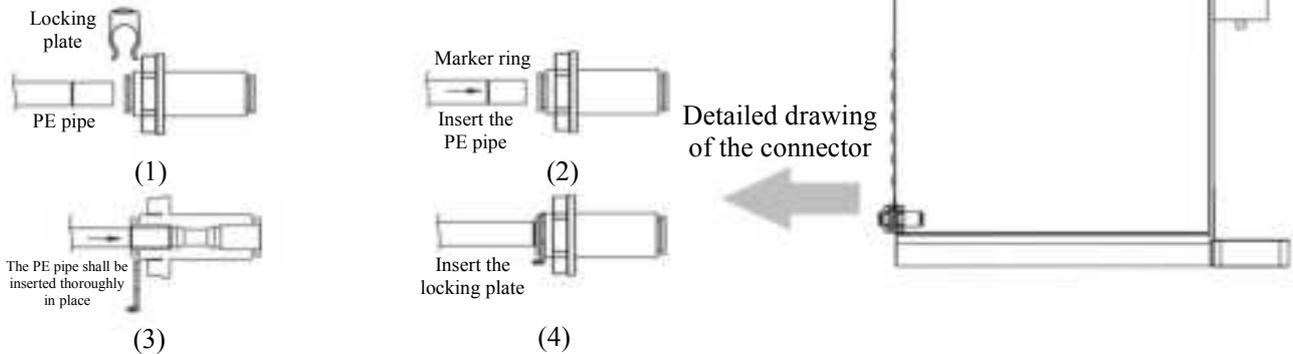


(2) The second installation method (the inlet source water is only used by the machine through the inlet straight-way ball valve assembly randomly provided with the machine for free)



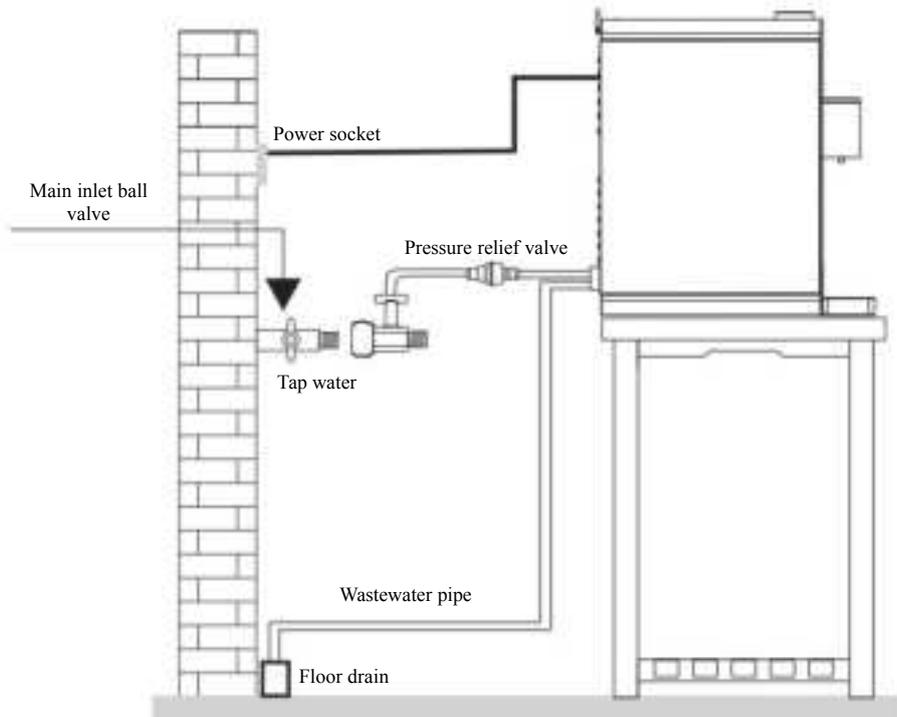
Precautions for inserting pipes at water inlet, wastewater outlet and pure water outlet:

- 1) Insert the PE pipe into the connector by 15-17mm, and press it to the bottom, until the marker ring reveal, and insert the locking plate
- 2) The blue PE pipe is used to discharge wastewater and white PE pipe is used to inlet tap water.

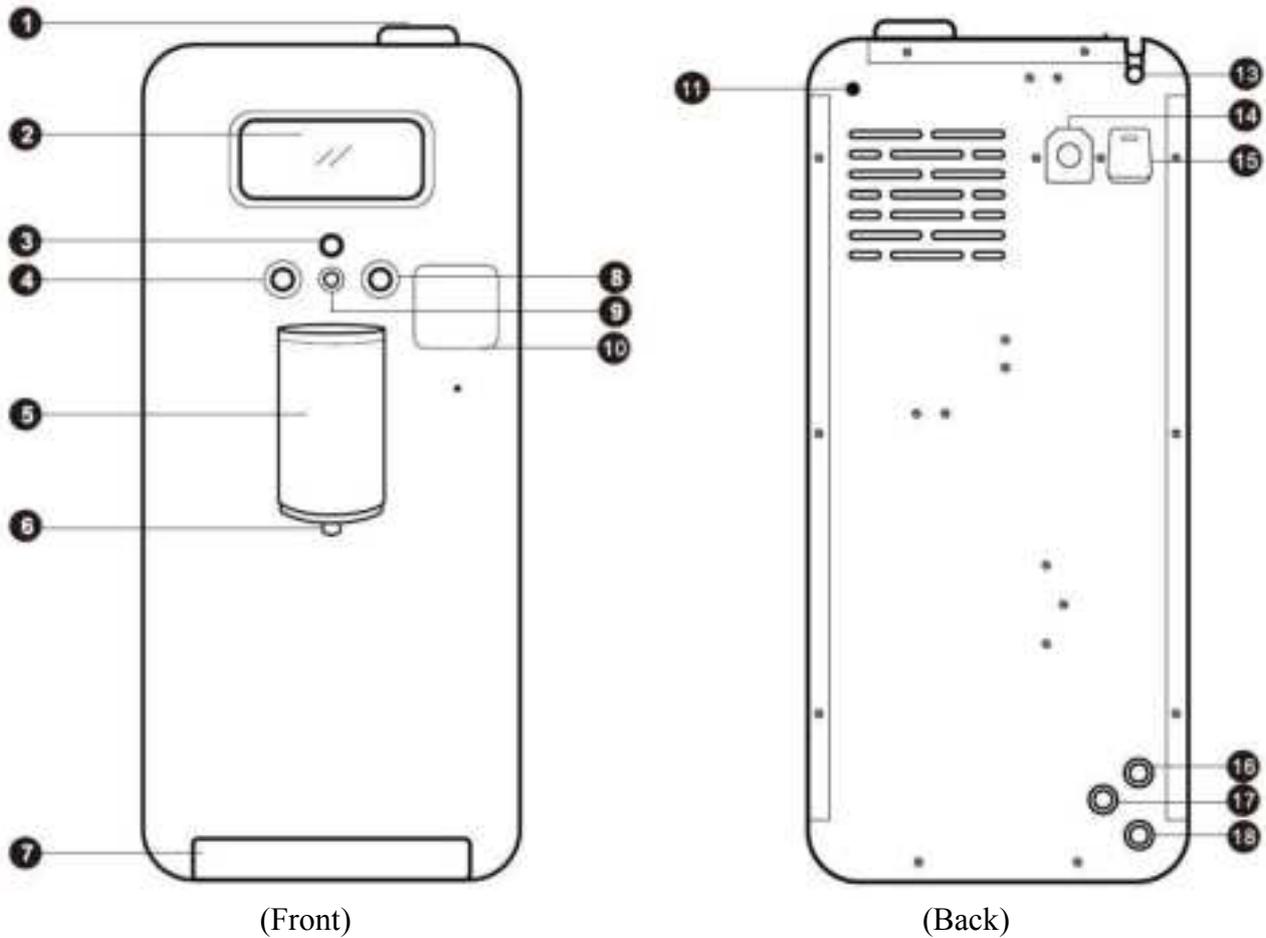


(3) Installation method with the wastewater pipe directly connected to the floor drain for discharging

- Use blue PE pipe as the wastewater pipe and connect it to the nearest floor drain for discharging. A blue PE pipe of 3m is provided with the machine, if the distance is over 3m, customers should buy a 1/4 inch PE pipe by themselves;
- If the platform for placing the machine needs to be drilled for connecting the under table pipe and drain, the recommended diameter for the drilling hole is 15 - 20mm.
- Do not bend the wastewater pipe, and there shall be no more than 8 turnings of less than 90° (except circle)

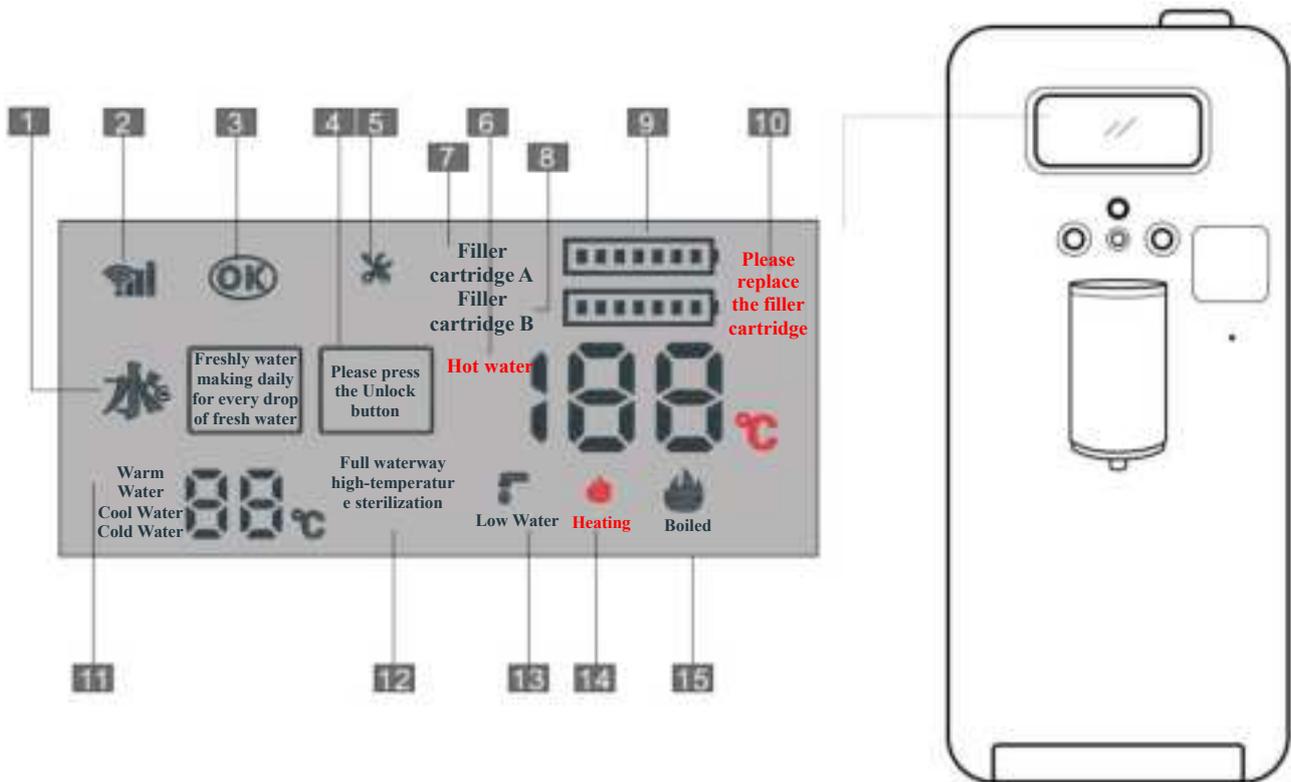


V. Appearance of Envatone Water Dispensers



1. Temperature control knob	10. Bluetooth communication window
2. Specular display	11. Steam vent (Do not block, otherwise the water can not flow out)
3. Unlock/reset button	12. Working mode selection button
4. Warm water button	
5. Outlet barrel	14. 220V earth leakage protection power cable
6. Outlet nozzle	15. Power switch
7. Drip tray	16. Water inlet (gray)
8. Hot boiled water button	17. External pure water inlet (white, connect to coffee machine, etc.)
9. Reboil/Forced Heating button	18. Wastewater outlet (blue)

VI. Screen display



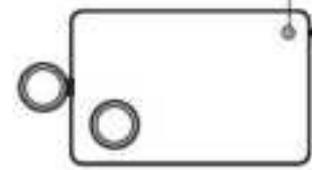
1. LOGO: always on
2. Network signal: , in mainland China, and  in other areas
3. On while normally operating
4. Please press the Unlock button: flash when the hot boiled water is locked
5. Maintenance: the machine fault light is always on
6. Display of the temperature of hot boiled water
7. Service life of filler cartridge A
8. Service life of filler cartridge B
9. Residual life of the filler cartridge
10. Expiration reminder for the filler cartridge
11. Temperature display of warm boiled water and cool boiled water
12. Full waterway high-temperature sterilization: the light keeps flashing while conducting sterilization, and remains on after the sterilization completes
13. Low Water: No water from the tap water pipe or the water level of the source water barrel is too low
14. Heating: always on while heating the hot boiled water
15. Boiled: always on after the hot boiled water is boiling

VII. Instructions for use

1. Working mode selection

- a. **Standby mode:** the button light is always on, and the machine automatically enters the dormant state if no one takes water in 2 consecutive hours.
- b. **Continuous working mode:** the button light turns off, and the machine keeps contentiously working.

Working mode selection button



(top view of the machine)

2. Approach to take hot boiled water

When take hot boiled water, please press the “Unlock/Reset” button first, and then press the “Hot Water” button within 3 seconds after unlock, and the machine will dispense water for 12 seconds, and stop dispensing water automatically after 12 seconds (press the “Hot Water” button again within 12 seconds, the machine will stop dispensing water).

3. Approach to take warm water

When take warm water, please press the “Warm Water” button and release, the machine will dispense water for 12 seconds, and stop dispensing water automatically after 12 seconds (press the “Warm Water” button again within 12 seconds, the machine will stop dispensing water).

4. Temperature control of warm water

- a. Press the “Unlock/Reset” button, then rotate the knob clockwise to increase water temperature; and rotate the knob counterclockwise to decrease water temperature;
- b. Log in to the WeChat mini program of Envatone to set the temperature of warm water;
- c. The temperature setting range for warm water is 35-70°C, in prevention of burns, warm water of over 70 °C will not be dispensed;
- d. The temperature setting range for cool water is room temperature ~ 35 °C.

5. Unlock/Reset

The product has the function of Child Lock that will lock dispensing of hot boiled water in order to prevent burns. Please press “Unlock/Reset” button first, and then press “Hot Water” button to take hot boiled water.

6. Reboil/Forced Heating

If the temperature displayed for hot boiled water is lower than 100°C, and hot boiled water of 100°C is required, please press “Reboil/Forced Heating” button, and the hot water will be heated to 100°C in a moment.

Note: The machine will only dispense water after all types of water is heated to 100°C and the screen displays “Boiled”.

VIII. Function description

1. Scheduled intelligent sterilization

Users should keep the machine power on and select the standby mode for a long time to make the “scheduled intelligent sterilization” and the “daily fresh drinking water system” run automatically every day, ensuring instant dispensing of high-quality fresh drinking water 24 hours a day.

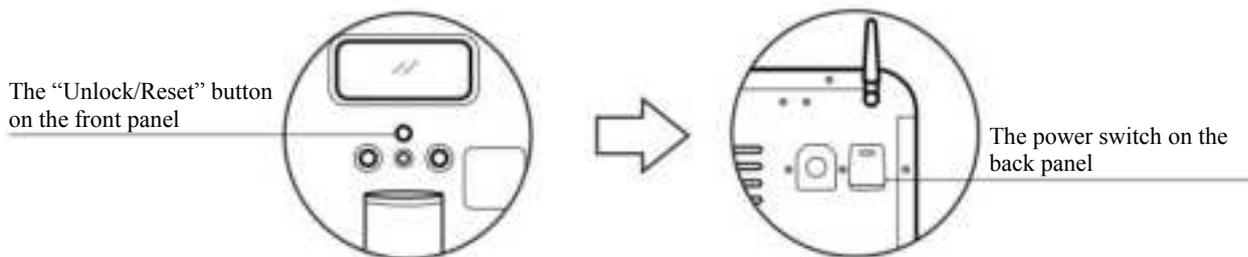
When power on, the machine will automatically perform scheduled intelligent sterilization every day from 3:15 AM - 4:15 AM whether it is in standby mode or working mode, needing no operation of the user. For warm water, the temperature will rise to 85°C and held for 5 minutes, and then temperature of automatic water making will cool down to the normal temperature setting range of warm water (If you need to drink water during this process, press any button to stop the sterilization. The machine can cool down the self-made water, and when the temperature of the warm water drops below 65°C, it can be taken.) During sterilization, the daily fresh drinking water system can be activated, and all the water in the internal tank will be filtered and prepared again to keep the drinking water fresh every day.

2. Real-time online sterilization

When connected to the internet, users can log into the WeChat mini program of Envatone to choose the machine to be sterilized, and click “Start” button to start the real-time online sterilization. The whole process will run automatically, for warm water, the temperature will rise to 85°C and held for 5 minutes, and then temperature of automatic water making will cool down to the normal temperature setting range of warm water. During sterilization, the daily fresh drinking water system can be activated, and all the water in the internal tank will be filtered and prepared again to keep the drinking water fresh every day.

3. Full waterway flushing and sterilization

If the water dispenser is powered off for more than 7 days, full waterway flushing and sterilization must be conducted before using the water. To perform that, users should first turn off the power switch on the back panel of the machine, and then, turn on the power switch while pressing down the “Unlock/Reset” button. The machine will automatically begin with sterilization, and the indicator of “Sterilizing” will flash. After the automatic sterilization is finished, the indicator of “Sterilizing” will keep on and the indicator of “Low Water” will flash **(in case of usage in installation mode 1, the hot water discharged into the bucket must be emptied, and refill the bucket with water of room temperature)**, and then press “Unlock/Reset” button or switch off and then switch on to restart the machine. The water dispenser will re-make and heat the water to 100°C (it expects to take approximately 30 minutes).



4. Internal water tank emptying procedure

Turn off the power, and long press the “Reboil/Forced Heating” button while turning on the power switch, the screen flashes with “Sterilizing”, and it will start draining, and all water in the internal water tank will be drained into the bucket or through the floor drain.

5. Networking operations

- 1) 2.4GWIFI internet connectivity: automatically connect upon startup of the machine, and the light is always on while the signal is normal.
- 2) Bluetooth connection: Please login to the WeChat mini program of Envatone within the effective range of Bluetooth. Click on “Bluetooth Connection” to connect the machine.

2.4GWIFI

internet connection and Bluetooth connection are both connected and operated by the WeChat mini program of Envatone, and the login account is your mobile phone number registered when you purchased the machine, and the password is: 123456.

- 3) Wi-Fi connection: Visit the following webpage of the company on the phone, operate after logging in as stated above, website: wap1.envatone.com/wifi.html.

IX. About the filter cartridge and replacement cycle

PP cotton	Pre-filled activated carbon composites	RO (reverse osmosis) membrane	Post-filled activated carbon composites
3 - 9 months	3 - 9 months	4 - 18 months	5 - 36 months

Note: For areas with super high mineral levels, or in case of a large number of users, the replacement cycle of the filter cartridge will be significantly shortened.

1. Filter of the suction nozzle: used to filter large particles with a diameter of 0.5 millimeter (mm) such as gravel, algae, gelatin and suspended substance;
2. PP cotton filter: used for primary filtering of the source water, to block the visible substances in the source water, with a filtering precision of 5 - 20 micrometer (um);
3. Activated carbon: used to adsorb the colorant, odor, residual ammonia and part of the organic matters in the water, with a filtering precision of 5 - 20 micrometer (um);
4. RO membrane: with a filtering precision of 0.0001 micrometer (0.1nm), used to filter bacteria, virus, inorganic salts (such as bromates), heavy metals, micrometer-and nanometre-sized plastic particles, pesticide, antibiotics, chemical residues, and plasticizers.

[1 millimeter = 1,000 micrometers (um) = 1,000,000 nanometers (nm)]

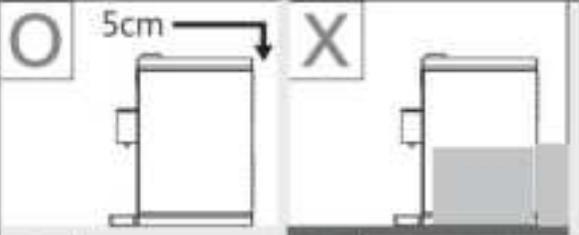
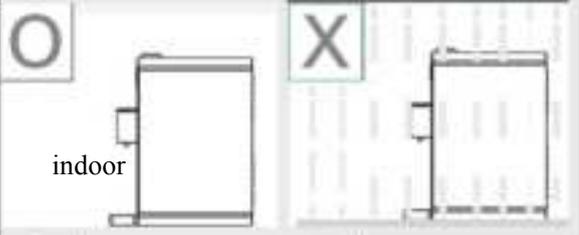
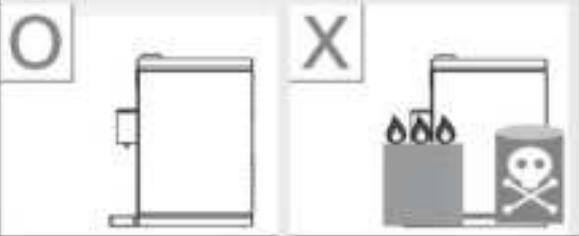
Special remainder

1. Replace the filter cartridge according to the instructions displayed on the screen of the machine. When the efficiency of the filter cartridge is below 3%, it is required to be replaced. The replacement cycle varies depending on the quality of local source water, water consumption of users, seasons (summer or winter).
2. The wellness, safety and sweetness of drinking water can only be guaranteed by timely replacing the filter cartridge.
3. **Penetration of any fluid into the machine from the top shall be absolutely avoided.**
4. If the machine is left unused for a long time, the filter cartridge is prone to breeding microorganisms due to internal water storage and porous structure, the water will become stink and the service life of the filter cartridge will be shortened.

X. Important statement

The filter cartridge modules and configuration parameters are researched and proved by and for the exclusive use of General Envatone (Shenzhen) Co., Ltd. When using the machine, users shall replace and use the original filter cartridge by Envatone according to the service life reminder.

XI. Precautions for installation and placement

<p>There are vents in the left and right side panels of the product, near which blockage materials shall not be placed, and a clearance of at least 5cm shall be left for purpose of ventilation and heat dissipation.</p>	
<p>If installed outdoors, drench shall be absolutely avoided.</p>	
<p>The product shall be away from fire, combustibles and chemicals.</p>	

XII. Diagnosis and handling of simple faults

Fault	Possible cause	Troubleshooting method
No output of water	Water is not boiled.	Wait until the water is boiled
	Blocked filter cartridge	Replace the filter cartridge
	Blocked air vent	Check the air vent above the back panel
	Removal of the elbow due to mishandling while replacing filter cartridge by the user	Check whether all the upper and lower connecting elbows of the filter cartridge are present
No electricity	Tripping due to earth leakage protection	Use inserts and arranges or sockets with separate lines
No rise in water temperature	Malfunction of temperature sensor	Please turn off the power and contact the manufacturer
Dripping	Abrasion of solenoid valves of the waterway	Please turn off the power and contact the manufacturer

In case of any other abnormalities, please turn off the power and contact the manufacturer for onsite inspection.

XIII. After-sales warranty

Warranty period

The whole unit of the machine as well as the three major accessories including mainboard, water pump, and solenoid valves have a warranty for 2 years since the invoice date. If the receipt were lost, the warranty period will be started on the manufacturing date indicated on the product.

Under circumstances of normal operation, in case of any fault, please conduct troubleshooting according to the instructions specified in the manual, if the fault still remains after self-inspection, please contact the manufacturer.

Conditions for warranty

- Users shall obtain the product through legal approach, and provide invoices and warranty card, the model and manufacturing batch number indicated on the invoice shall be consistent with the product to be repaired.
- Warranty is only valid under the circumstances that the product has been properly operated by the user under the instructions in the manual.

Exceptions

Even if the product is within warranty period, repairing expense shall still be charged under the following circumstances.

- Faults or damages due to installation and usage that not complying with requirements specified in the manual;
- Component damages due to failure to replace the filter cartridge timely or according to the notice;
- Faults or damages due to improper repairing, adjustment, dismantle and reform by users;
- Faults or damages due to forced usage of the product exceeding normal operating conditions;
- Man-made (intentionally or accidentally) damage of the machine (**penetration of unknown fluid into the top of the machine, polluted by strong external air odor, and etc.**);
- Damage to the machine due to force majeure (such as natural disasters and wars)
- Machine that has been repaired by professionals that had not been authorized by our company;
- Accessories of the machine, are not warranted;
- Use supply water that is not municipal tap water;
- Use components and consumables that are not provided by our company;
- Information on the warranty card is not consistent with the actual identification of the product or has been altered;
- Can not provide the warranty card and valid receipts of the machine, and has exceed one year than the manufacturing date indicated on the product.

Warranty service

Within the warranty period, and under no violation of the exceptions, for faults and damage of the product that are satisfy the warranty conditions, the company will provide warranty services according to provisions, however, will not compensate for any loss directly or indirectly caused.

In case of repairing or replacing the product, the warranty period still starts from the original purchasing date of the product.

Legal Notice

Please read the manual and all notes and instructions indicated on the product before installing and using the product, in order to get informed of some kind reminders by us and your obligations in regular routine inspections and other preventive maintenance work. The dedicated serial number on the body of the machine and the labels on the package is an important credential for warranty service, please keep it properly for future reference.

The manual has specified the responsibility concerning the quality assurance between General Envatone (Shenzhen) Co., Ltd. and the users, as well as stipulation and termination of the rights and obligations of after-sales services.

If you have any problem of or objection to any content or provisions in the manual, please submit written objections to General Envatone (Shenzhen) Co., Ltd. within 7 days after receipt of the product, otherwise it will be deemed as that you have understand and accept all contents of the manual.

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.