

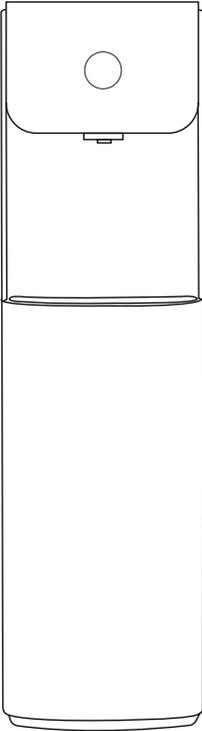
Read this manual carefully before installation and use.



Instruction Manual

Applicable Model:FSD20

Freestanding Water Dispenser





Letter to Customers

Dear Customers,

Thank you for choosing our products!

Before you use this product, please be sure to read the instruction manual in detail and follow the instructions for proper use and maintenance.

The replacement filter for this product requires parts approved by General Water Technology and the use of non-authorized parts could damage the unit and will void the manufacturer's warranty.

Thank you for trusting us with your water purification needs. We look forward to providing you with years of healthy and enjoyable water.

Contents

Caution Notice	4
1. Product Introduction	7
(1) Product Function Introduction	7
(2) Product Electrical Diagram	7
(3) Water Production Process Diagram	8
(4) Technical Parameters	9
(5) Structural Schematic Diagram	10
2. Installation Instructions	11
(1) Installation Preparation	11
(2) Installation Conditions	11
(3) Installation Schematic Diagram	11
(4) Installation and Debugging	12
(5) APP New User Registration and Setup	14
3. Product Use	15
4. Maintenance	16
(1) Filter Replacement	16
(2) Water Supply and Equipment Idle	16
(3) Common Troubleshooting Steps	17
5. Warranty Provisions	18

Caution Notice

-  Warning: Do not operate this equipment without reading and fully understanding the contents of this manual!
-  Warning: Any malfunctions or property damage caused by improper use or operation are not covered by the warranty, and our company will not be liable!
-  Warning: Incorrect installation and operation may cause serious personal injury and property damage!
-  Attention: Reminders for installation, usage, and maintenance.
-  Prohibited: Prohibited Actions
-  Prohibited: Do not touch the power cord connectors with wet hands! Otherwise, it may cause electric shock accidents.
-  Prohibited: Do not apply external force to the water dispenser. Avoid installation in places with direct sunlight and other sources of heat radiation, or exposure to areas containing harmful chemicals.
-  Prohibited: Do not install the water dispenser in outdoor or semi-outdoor areas. Keep away from dirty and humid environments such as toilets and bathrooms, to avoid affecting the hygiene and safe use of the equipment.
-  Prohibited: Do not dismantle or modify the water dispenser without authorization, as this may cause malfunctions or leakage leading to property damage.
-  Prohibited: Please connect and secure the drainage PE pipe to the sewage drain. Do not use a water storage device to collect wastewater to prevent overflow during automatic flushing.
-  Prohibited: Do not allow hot water above 38°C to enter this water dispenser.
-  Prohibited: Do not allow cold water below 5°C to enter this water dispenser.
-  Prohibited: Do not install the water dispenser on a water supply pipeline with water pressure exceeding the maximum working water pressure of the equipment. If the water pressure is too high, a pressure reducing valve needs to be installed the upstream.
-  Prohibited: Do not install the water dispenser in reverse, and do not mistakenly connect the water inlet pipe to the water outlet.
-  Prohibited: Do not forcibly pull the power cord when unplugging the plug.

-  Prohibited: Do not move the container when hot water is being dispensed to prevent scalding!
-  Prohibited: After hot water dispensing, a few drops of residual hot water may drip from the hot water outlet. Please be careful when removing the container to prevent scalding from residual water!
-  Warning: Do not use this product under the following conditions:
 - If the water dispenser is found to be damaged;
 - If the plug or power cord is found to be damaged;
 - If the water dispenser continues to overflow with water.
-  Warning: Regularly check whether the power supply and wires are loose or damaged. If the power cord is damaged, it must be replaced by a professional from the manufacturer, its repair department, or a similar department to avoid danger.
-  Warning: Before use, please confirm that the voltage applicable to the water dispenser is consistent with the actual voltage used by the user.
-  Warning: Regularly check the water dispenser and pipe fittings for leaks to avoid property damage.
-  Warning: Do not dismantle or repair the water dispenser without authorization, and do not hand it over to unauthorized repair personnel, as improper repair may cause danger!
-  Warning: Any malfunction caused by improper use is not covered by the warranty.
-  Warning: Maintenance, replacement of filters, and other serving of the water dispenser must use replacement parts approved by the company.
-  Warning: Quality problems, performance degradation, or property damage caused by the use of unauthorized parts or accessories are not covered by the warranty.
-  Warning: The water dispenser is designed for floor-fixed installation. Please ensure that the back of the equipment is fixed to the wall or the bottom is fixed to the ground to prevent the equipment from tipping over.
-  Warning: All filter components of the water dispenser must be installed accordingly for the water dispenser to function properly.
-  Warning: When draining the hot water tank, wait for the water temperature to drop to below 40°C before draining to prevent scalding.
-  Warning: Before finishing use or leaving the equipment, ensure that the hot water dispensing has been stopped. Beware of scalding!

-  Attention: Maintenance, filter replacement, and technical services for this water dispenser must be carried out by authorized personnel from our company.
-  Attention: If there is a need to replace the CO₂ cylinder in this equipment, it must be done by authorized repair personnel from our company.
-  Attention: If the water pressure is lower than the specified operating pressure of the equipment, please install a booster pump. The booster pump should be installed upstream end of this product.
-  Attention: Do not let the water supply and drainage pipelines or the water inside the water dispenser freeze. Freezing may cause malfunctions, damage to the housing or pipelines, and possible injuries.
-  Attention: If the water temperature or ambient temperature drops below 5°C, please close the water supply pipeline to this water dispenser (simultaneously close the inlet three-way ball valve) and drain the water inside the water dispenser.
-  Attention: Water stains may remain after the product leaves the factory, which is a normal phenomenon.
-  Attention: Water hammer may occur during product operation. Try to avoid rapid full opening or closing of valves and emergency stopping of water pumps.
-  Attention: When replacing the water dispenser controller, take anti-static measures to prevent controller malfunction or accidents caused by static electricity.
-  Attention: This water dispenser is only suitable for installation in areas below 1500 meters above sea level. The heating function is prohibited in areas above 1500 meters above sea level.

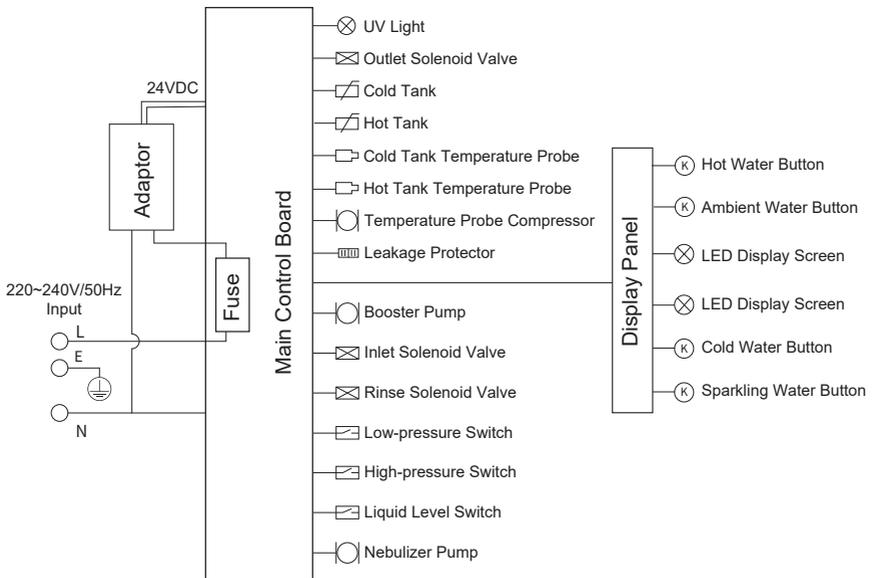
1. Product Introduction

(1) Product Function Introduction

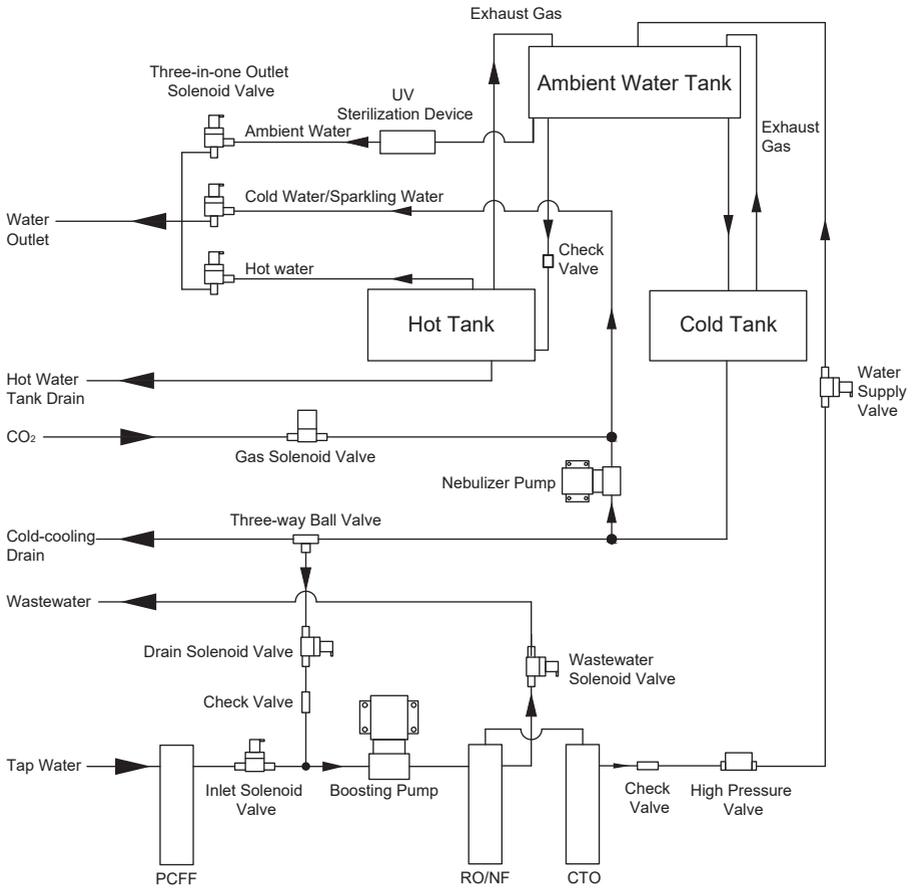
This freestanding water dispenser is designed for commercial applications such as offices, clubs, hotels, airports, and stations. It provides purified, hot, cold, and sparkling water on demand.

The system purifies municipal tap water through a multi-stage process that includes a PCFF filter, RO/NF membrane, CTO filter, and UV sterilization lamp, ensuring safe and great-tasting drinking water.

(2) Product Electrical Diagram



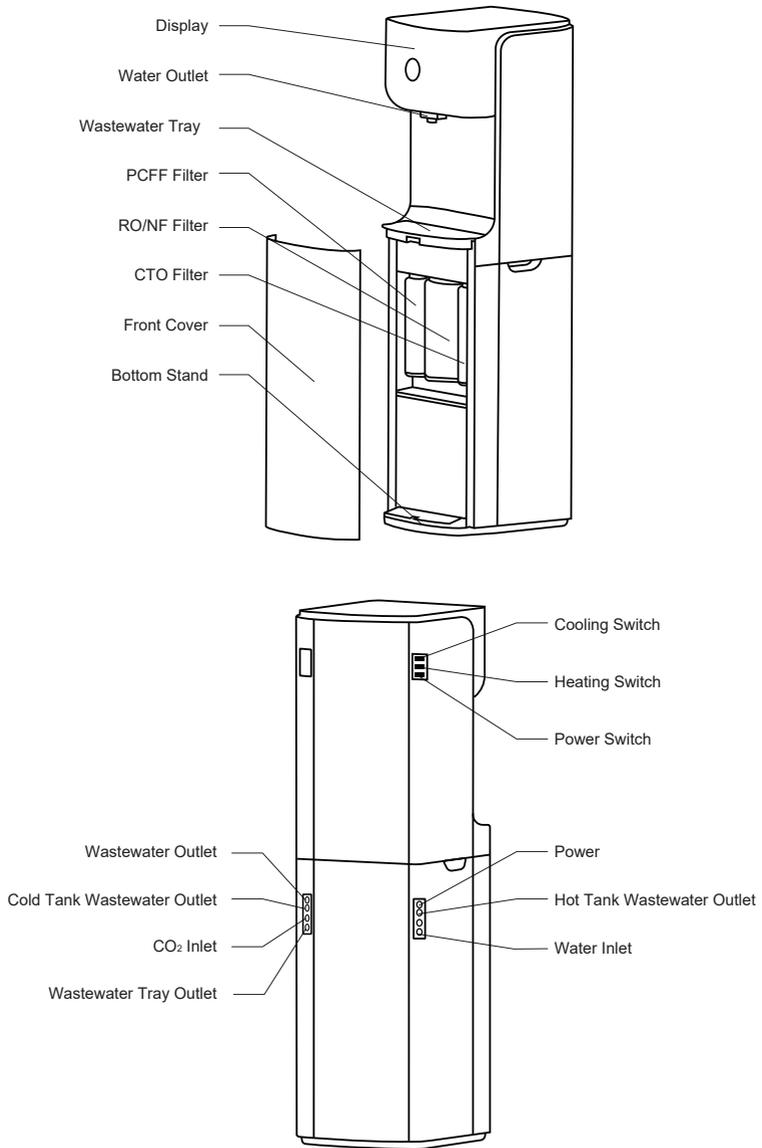
(3) Water Production Process Diagram



(4) Technical Parameters

Product Name	FSD20 Freestanding Water Dispenser
Product Model	FSD20T4RTG
Height	1385MM
Width	387MM
Depth	462MM
Rated Voltage/Frequency	220~240V/50Hz
Rated Power	1700W
Heating Power	1500W
Cooling Power	150W
Hot Water Tank Size	5L
Ambient Water Tank Size	8L
Cold Water Tank Size	4L
Hot Water Capacity	17.5L/h, $\geq 90^{\circ}\text{C}$
Cold Water Capacity	9L/h, $\leq 15^{\circ}\text{C}$
Recommended Users	20-50 users

(5) Structural Schematic Diagram



2. Installation Instructions

(1) Pre-installation Preparation

Confirm the tools required for installation :

- Cross-head screwdriver
- Adjustable wrench
- Pipe cutter

Check the installation accessories against the packing list in the instruction manual to ensure completeness. Confirm the installation location includes the following facilities:

- 220~240V/50Hz three-hole socket.
- Access to municipal tap water.
- Drainage pipe, with the drainage pipe's height being at least 200mm lower than the height of the water receiving basin.

(2) Installation Conditions

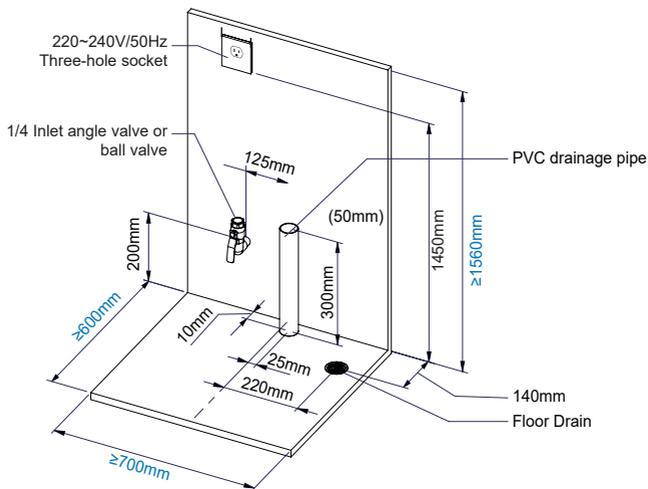
1. Product installation floor area: Not less than 700mm×600mm.
2. Product installation space height: Not less than 1560mm.
3. Rated voltage/frequency: 220~240V/50Hz.
4. Ambient temperature: 5-38°C.
5. Applicable water source: Municipal tap water.
6. Water inlet pressure: 0.1-0.4MPa.
7. Floor drain, sewage pipe diameter: ≥ 15 mm.
8. If the product is installed in embedded form, the clearance between each wall and the body of the equipment must not be less than 150mm.



Warning

Improper installation may result in property damage and personal injury, and even pose a risk of death!

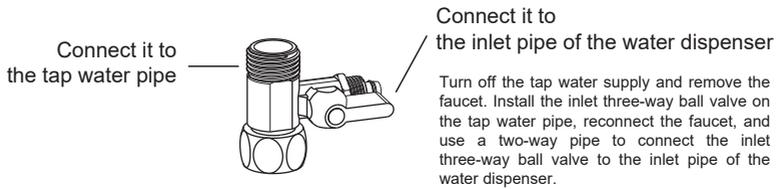
(3) Installation Schematic Diagram



Note: Please install the equipment in a space with floor drain. (Image for illustration purposes only, for reference only.)

(4) Installation and Debugging

1. Install the inlet three-way ball valve.



(Note: Image for illustration purposes only, for reference only.)

2. Installation of Equipment

Cut a suitable length of the accompanying PE pipe, ensuring that the cut is smooth. Connect one end to the inlet three-way ball valve and the other end to the water inlet of the water purifier. Use another section of PE pipe to connect the wastewater outlet of the water purifier to the drain pipe.

3. Installation of Filters

- (1) Remove or open the front door panel.
- (2) Install the filters in the designated positions according to the order of the water treatment process, ensuring that the sealing rings and other corresponding accessories are correctly positioned. Rotate the filters until they reach the installation limit and press down the fastener to prevent them from falling off.
- (3) Close the front door panel.

4. Installation of 0.6L CO₂ Cylinder

- (1) Prepare materials: 0.6L CO₂ cylinder, pressure reducing valve, cylinder hanging plate, and PE pipes.
- (2) Fit the hanging plate's circular hole over the cylinder's threaded port.
- (3) Mount the pressure reducing valve (set to "0" scale) onto the cylinder's threaded port and tighten firmly.
- (4) Hang the assembled cylinder on the sheet metal hook at the back of the equipment.
- (5) Cut a proper length of PE pipes; insert one end into the pressure reducing valve's gas outlet and the other into the CO₂ Inlet on the equipment. Ensure the pipe cut is flat and insertion is fully in place.
- (6) Adjust the scale to approximately 5 Bar. For initial testing, please dispense only when the cold water temperature is below 10°C .

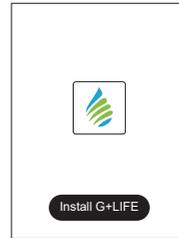
5. Water Dispenser Debugging

- (1) Connect the PE pipe installed on the three-way ball valve to the dedicated flushing device.
- (2) Remove the PCFF filter and CTO filter separately and install them on the dedicated flushing device. Open the three-way ball valve and flush for 5 minutes. After flushing, close the three-way ball valve and reinstall the filters.
- (3) Remove the RO membrane filter (or NF membrane filter) and install it on the dedicated flushing device. Open the three-way ball valve and flush for 20 minutes. After flushing, close the three-way ball valve and reinstall the filter.
- (4) Connect the PE pipe to the whole machine. Open the three-way ball valve and check for leaks at all connections. Start the equipment for the first time and produce water normally. At this time, the heating and/or cooling switches should be turned off until water production is complete.
- (5) After water production is complete, turn off the equipment, open the drain outlet on the back of the equipment for the hot tank and/or cold tank to drain the water. Close the drain outlet and repeat this step twice.
- (6) Turn off the equipment and let it sit idle for 24 hours.
- (7) After idle time, open the drain outlet on the back of the equipment for the hot tank and/or cold tank to drain the water. Close the drain outlet.
- (8) Start the equipment and produce water normally. After water production is complete, turn on the heating and/or cooling switches until the hot water and/or cold water reach the set temperature.
- (9) Turn off the heating and/or cooling switches and turn off the equipment. Open the drain outlet on the back of the equipment for the hot tank and/or cold tank to drain the water. Be cautious of scalding from hot water during draining. Close the drain outlet.
- (10) Repeat steps 8-9 twice. After this process, the produced water can be consumed normally.

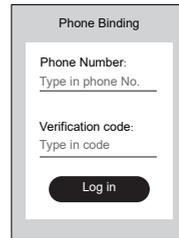
(Note: For products that do not support individual filter flushing, skip the previous steps and proceed directly to the following flushing operation, extending the initial normal water production to 3 times.)

(5) APP New User Registration and Setup

1. Open the App Store (iOS) or Google Play Store (Android) on your mobile device. Search for "G+LIFE" using the search bar, then tap "Download" or "Install" to complete the installation launch the app once installed.



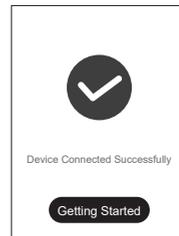
2. Register with mobile number or email. Enter your valid phone number or email address and tap "Get Verification Code" to complete user registration.



3. After logging in, select "Scan QR Code" to complete the device binding process.

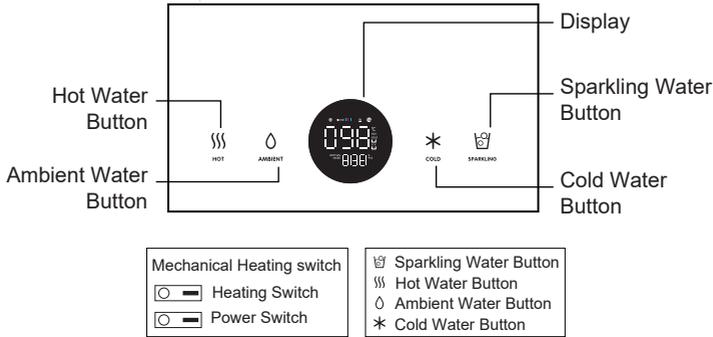


4. Once binding is successful, you can start using the APP's features.



3. Product Use

Dispensing Instructions



1. Turn on the power switch, heating switch

- Hot Water Dispensing

Long press the " " button until you hear a "beep" sound, hold for 3 seconds, water will start flowing, release to stop.

- Ambient Water Dispensing

Long press the " " button until you hear a "beep" sound, water will start flowing, release to stop.

- Cold Water Dispensing

Long press the " " button until you hear a "beep" sound, water will start flowing, release to stop.

- Sparkling Water Dispensing

Long press the " " button until you hear a "beep" sound, water will start flowing, release to stop.

If the CO₂ cylinder is not installed or out of gas, pressing the " " button will not dispense sparkling water and an alert tone will sound twice as a reminder. To ensure normal use, please check if the CO₂ cylinder is installed properly or replace it with a new one if it is out of gas.

- Stop Dispensing
Release the button to stop water flow automatically.
Continuous dispensing for 60 seconds will automatically stop.

2. Power-off Memory

After the equipment power is turned off, it automatically stores relevant data such as filter life, remaining sterilization time, equipment mode, etc.

4. Maintenance

(1) Filter Replacement

The recommended replacement period for various types of filters in this product is based on the average water quality of local tap water. If the actual water quality at the user's location and the usage rate of the equipment significantly differ from the average indicators, there may be noticeable differences between the actual and the estimated usage time of the filters. For example, premature clogging or failure of the filters may occur. In such cases, the actual usage status should be used as the basis for filter replacement.

Please contact the company or its authorized service provider promptly to replace the filters upon receiving the filter expiration reminder notification to ensure water quality safety and health!

No.	Filter	Recommended Filter Life (Month)
1	PCFF	12
2	RO/NF	24
3	CTO	12

(2) Water Supply and Equipment Idle

When the water supply is stopped, immediately close the main water valve. Municipal water shutdowns may cause negative pressure in water pipes and damage the equipment.

If the water dispenser has not been used for more than 3 days, the water inside must be drained and the system must be flushed for 5 minutes before normal use.

(3) Common Troubleshooting Steps

Fault Symptoms	Cause of Fault	Troubleshooting
Display screen not lighting up	Power plug not inserted into the power socket	Plug in the power
	Power switch not turned on	Turn on the Power switch
	Circuit malfunction/ Transformer damage	Check if the control transformer circuit is properly connected, replace the transformer if necessary
Equipment alarm indicating water shortage	Water supply is turned off	Open the water inlet.
	Water pressure is too low	Increase water pressure with a pressure booster pump
	Malfunction of the low-pressure switch	Replace the low-pressure switch
	Control board program error	Replace the control board
Display shows normal operation but no water flows out	Filter cartridge is blocked or not installed properly	Replace the filter cartridge and tighten it
	Inlet solenoid valve is not opened	Replace the solenoid valve
	Float ball is stuck or jammed	Replace the float or adjust the float
Equipment not heating or cooling	Equipment is unloaded, in protection mode	Reset the equipment's thermostat
	Circuit failure	Check if the circuit is properly connect or not
	Hot element or cooling compressor damaged	Replace the heating element or cooling compressor
	Control board failure	Replace the control board
Do not dispense sparkling water	CO ₂ cylinder is out of gas	Check the CO ₂ cylinder and replace it with a new one

5. Warranty Provisions

1. The warranty period of the main equipment is 12 months, which is calculated from the date of the invoice, installation date or legal certificate obtained by the user when purchasing the equipment.
2. During the warranty period, the quality problems caused by the equipment itself shall be repaired or replaced free of charge by the manufacturer.
3. Regardless of whether it is within the warranty period or not, the following parts are not covered by the warranty:
 - (1) Filter material, ultraviolet germicidal lamp;
 - (2) Wearing parts such as sealing rings;
 - (3) Decorative shell and appearance coating;
 - (4) Electronic components such as power adapters.
4. Regardless of whether it is within the warranty period or not, the failure or loss caused by the following reasons is not covered by the warranty:
 - (1) The installation, use and storage of the equipment are not carried out in accordance with the requirements or methods of the instruction manual;
 - (2) Dismantling or modification of the equipment without the authorization of the manufacturer;
 - (3) Use accessories or filter materials not provided by the manufacturer;
 - (4) The external force and water pressure exceed the upper limit of the equipment;
 - (5) Force majeure factors such as war and natural disasters;
 - (6) Other failures caused by the user.
5. Please retain this warranty certificate and original receipt as these are required to submit a claim for warranty repair.
6. The company does not make other express or implied warranties or guarantees. The company shall not be liable for consequential damages caused by defective equipment.



Correct Disposal of this product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Manufacturer: General Water Technology (Ningbo) Co., Ltd.

Address: Building 29,136 Yuhai East Road, Hangzhou Bay New Zone, Cixi City, Ningbo

Exclusive Distributor: Shun Hing Technology Co., Ltd.

Address: 9/F, Block A, Peninsula Centre, 67 Mody Road, Tsim Sha Tsui East, Kowloon