



Hot and Cold IQ-Mini Water Dispenser

Owners manual



Please read the instruction manual carefully before using the product and keep it properly

WARNING!

- WARNING:** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction !
- WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer !
- WARNING:** Do not damage the refrigerant circuit !
- WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer !
- WARNING:** Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance !



- **WARNING:** Risk of fire / flammable materials !
- WARNING:** When positioning the appliance, ensure the supply cord is not trapped or damaged !
- WARNING:** Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance !
- WARNING:** Do not connect any pressure-relief device to the vent pipe of this water heater !
- WARNING:** This product contains flammable gases inside. Please handle it per following the flammable gas disposal methods regulated by your local relative department !

ATTENTION!

1. The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
2. Children being supervised not to play with the appliance.
3. The way of transportation (Carton packing): maritime transport/road transport/air transport/multimodal transport.
4. **WARNING:** To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions
5. The size of the space required: 467*369*469mm.
6. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
7. This appliance is intended to be used in household and similar applications such as
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses and by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - catering and similar non-retail applications.
8. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
9. Children do not play with the appliance.
10. Cleaning and user maintenance is not made by children without supervision.
11. Children aged from 3 to 8 years allowed to load and unload refrigerating appliances.
12. Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.
13. The outlet must not be connected to any tap or fitting other than those specified.
14. The water inlet of this appliance shall not be connected to inlet water obtained from any other water heating system.

Catalog

Product introduction

1.1 Product and spare parts	01
1.2 Basic Parameters	01
1.3 Electrical schematic diagram	02
1.4 Water treatment process diagram	02
1.5 The description of the machine's components and its structure diagram	03

Installation instructions

2.1 Installation Steps	05
------------------------------	----

Initial use

3.1 Power on and self-assessing startup	07
3.2 Turning on the heating switch	07

Display Screen and Key

4.1 Main interface	08
4.2 Key	09

Water Dispensing

5.1 Dispense hot water	10
5.2 Dispense cold water	11
5.3 Dispense mixed water	11

Setting

6.1 Enter settings interface	12
6.2 Mixed water settings	12
6.3 Heating/Cooling Settings	13
6.4 Water temperature pre-settings	14
6.5 Brightness settings	14
6.6 Water dispensing options pre-settings	15
6.7 System Query	15
6.8 Administrator Settings	16
6.9 Sleep mode	16

Filter and replacement	17
------------------------------	----

Safety Precautions	18
--------------------------	----

Troubleshooting	19
-----------------------	----

RoHS List	20
-----------------	----

Special statement:

If the product has technical improvements, they will be included in the new manual, without prior notice;

If the appearance and color of the product are changed, the physical object shall prevail.

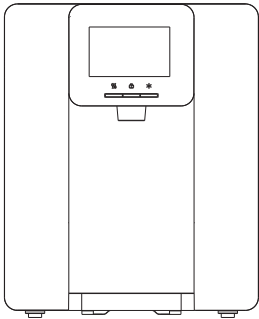
This manual is not intended for persons (including children) who have physical or intellectual impairments, or lack of experience and knowledge.

Product introduction

* The picture is for reference only, and the product is subject to the actual

1.1 Product and spare parts

Notice: UV sterilizer service life is 1000 hours.



Machine*1PCS



PE pipe (3M)
*1PCS

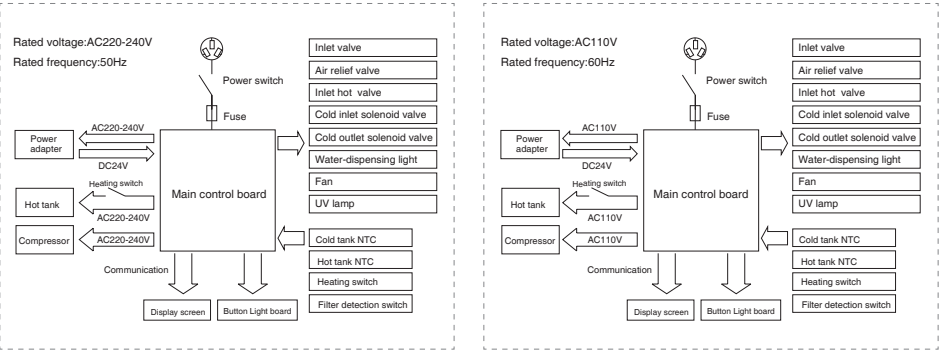


Water diverter
*1PCS

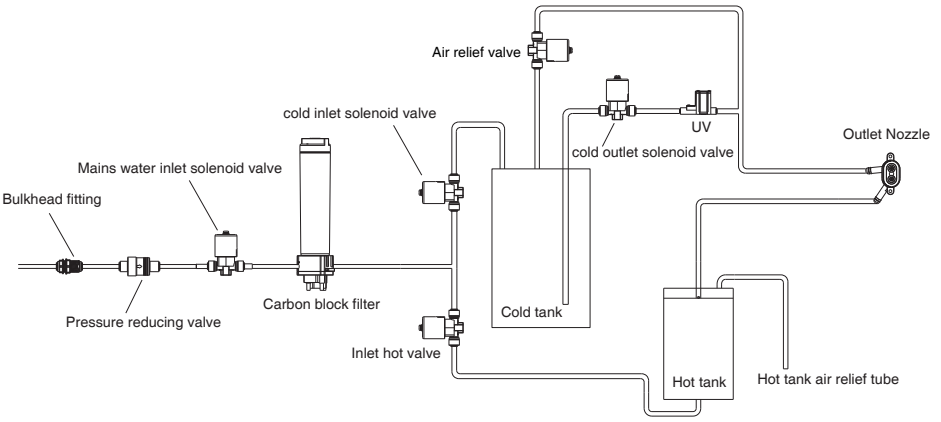
1.2 Basic Parameters

Hot and Cold POU Water Dispenser				
Model	DCD8-HCU		Intake water pressure	0.1-0.4MPa
Net weight	11.6kg		Operating pressure	0.05-0.25MPa
Dimensions	290*435*358mm		Purified water flow rate	1L/min
Rated voltage	AC220V-240V	AC110V	Purification capacity	4500L
Rated frequency	50Hz	60Hz	Heating Capacity	≥5L/h (≥90℃)
Rated power	685W		Cooling Capacity	≥4L/h (≤10℃)
Heating power	595W		Refrigerant, loading capacity	R600a, 26g
Cooling current	0.43A		Electrical consumption	≤0.05kW·h/24h
Hot tank volume	1L		Relative humidity	≤90%(25℃)
Cold tank volume	1.4L		Climate type	ST/N/SN
Protection type : IPX1				
ProtectionType Against Electric Shock : I				

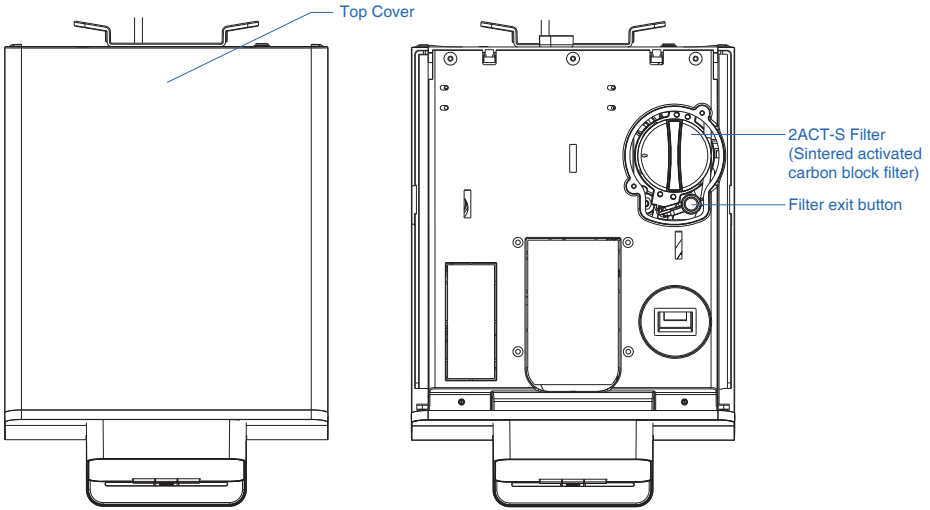
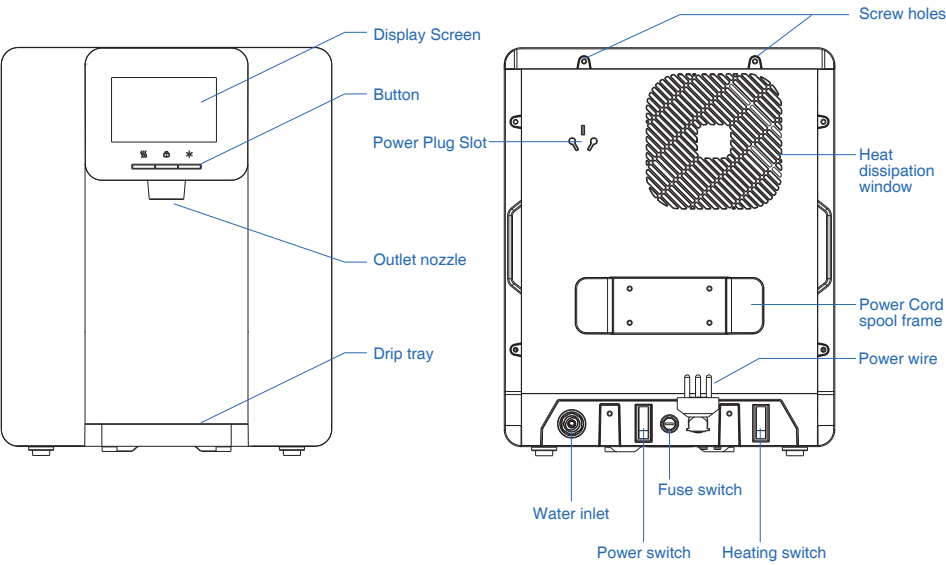
1.3 Electrical schematic diagram



1.4 Water treatment process diagram



1.5 The description of the machine's components and its structure diagram



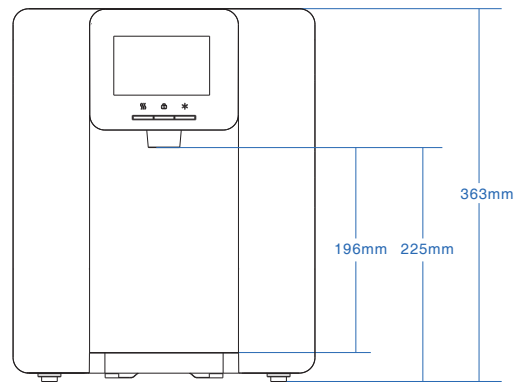
Installation instructions * The picture is for reference only, the product is subject to the actual.

Product Size: W290*D435*H358 mm

Height from the Water nozzle to the base feet: 225mm

Height from the Water nozzle to the drip tray: 196mm

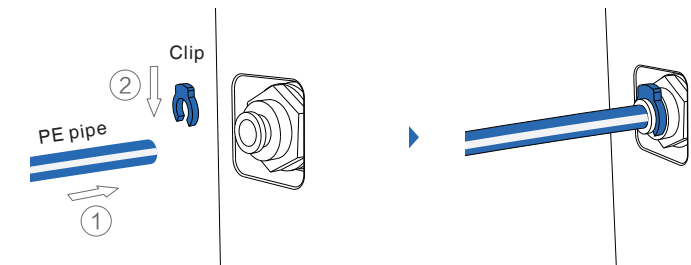
Notice: Recommended water container height< 196mm!



Water inlet installation

First insert the PE pipe, pay attention to inserting it in place, and then insert the clip.

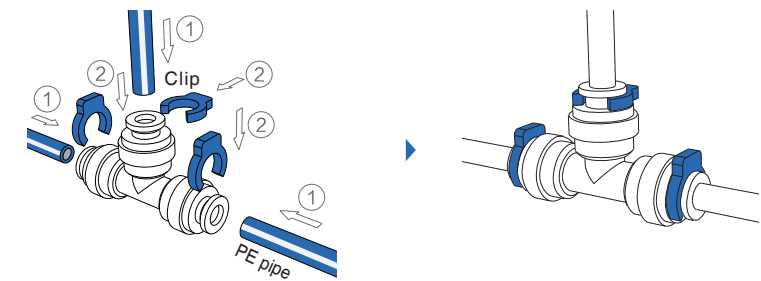
Notice: Be sure to install the clip when connecting the water pipe, The clip can't be missed!



T-shape water diverter installation

First insert the PE pipe, pay attention to inserting it in place, and then insert the clip.

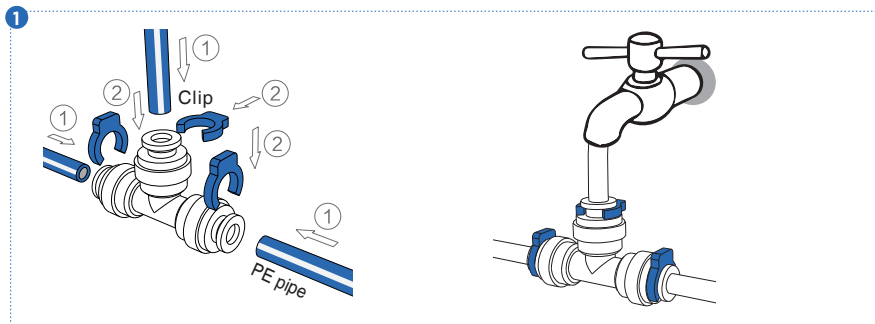
Notice: Be sure to install the clip when connecting the water pipe, The clip can't be missed!



2.1 Installation Steps

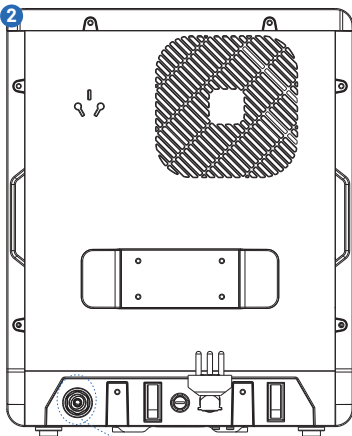
- (1) Check the machine and spare parts: Open the packaging box to check whether the machine is intact and the spare parts are complete.
- (2) Connect the water source: Install a T-shape water diverter at the water source, and connect it with the water inlet of the water dispenser with the PE pipe of appropriate length, as well as fit the three-way connector and clip.
- (3) Power on: Connect the power cord of the machine to a three-hole socket with a ground cable.
- (4) Turn on the water source and power supply.

1. T-shape Installation

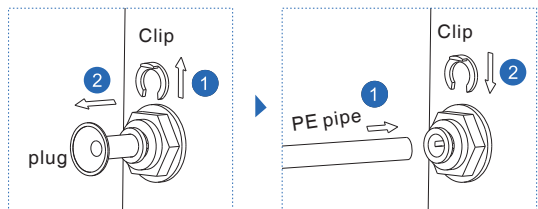


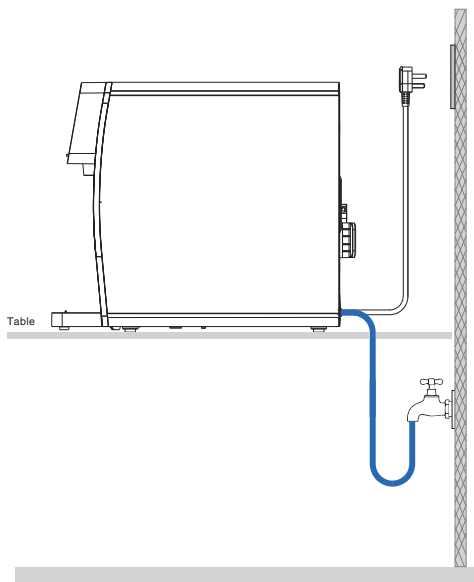
2. Connect the water source

Take out the PE pipe, connect one end to the water inlet of the machine, and connect the other end to pure water source.



Note: Be sure to install the clip when connecting the water pipe, it can not be missed!





3. Connect the power cable of the device to a three-hole socket with a reliable ground cable

Notice: The machine is equipped with a high-power heating system, and you are re-requested to select the three-hole socket that can load higher than 16A.

Notice: Check that the three-hole socket for the unit connection is well grounded to ensure that it is safe to use.

Notice: If the display screen does not get on, please check whether the three-hole socket is normally powered. If the machine can't be electrified after being tried repeatedly, please contact the company's after-sales service department.

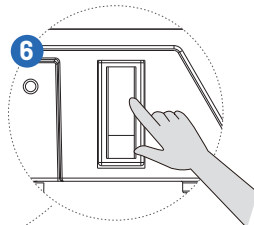
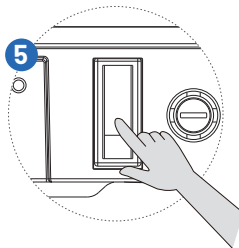
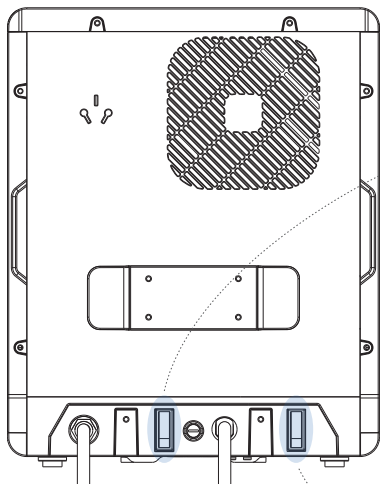
Note: During installation, please place the machine steadily on the tabletop and do not tilt it.

Note: During installation, try to install the machine as close as possible to the drain or the sink.

4. Please turn on the water source first, then open the ball valve of the pressure tank (if a pressure tank is installed), and wait for water replenishment.

5. Then turn on the power switch at the back of the machine (circuit breaker switch) to prevent dry burning.

6. According to the screen prompts, after the water replenishment is completed, turn on the heating switch.



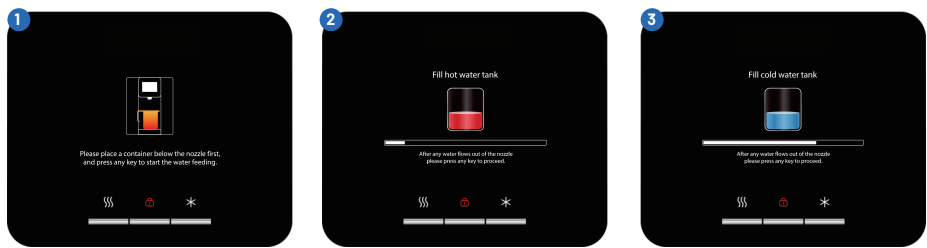
Initial use * The picture is for reference only, the product is subject to the actual.

3.1 Power on and self-assessing startup

After the machine is powered on, the background system of the machine starts a self assessment, and the display screen will pop up the message of “fill hot water tank”and “fill cold water tank” successively. Please be patient to wait for a moment.

Notice: Due to possible waterflow out of the nozzle during water feeding process, place a water container onto the drip tray in advance to prevent scald.

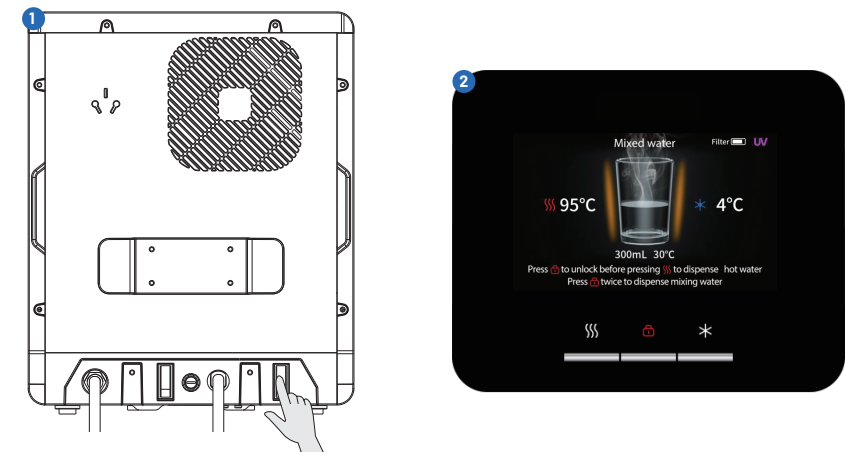
Notice: Heating function of this machine is turned off by default. If the heating is needed to turn on, please turn on the heating switch on the back of the machine after feeding up the water tank.



3.2 Turning on the heating switch

After feeding up the water tank, turn on the heating switch on the back of the machine.

Notice: Please wait patiently until the water tank has been fed up before turning on the heating switch!



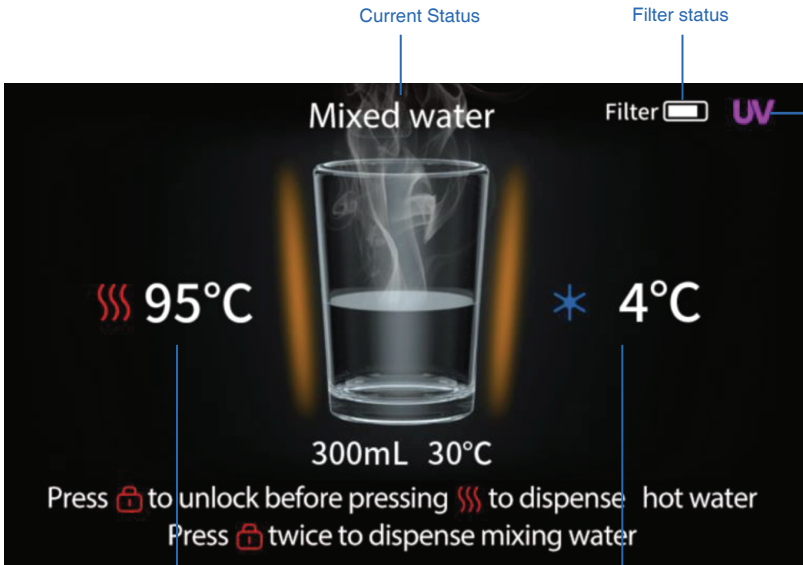
Display Screen and Key

* The picture is for reference only, the product is subject to the actual.

4.1 Main interface

Sleep: If no operation within 60 seconds, the screen brightness decreases, and it will enter the sleep status.

Breathing mode: If no operation is performed within 180 minutes, the machine screen will always display the start page; press any key to exit the sleep / pause state.



Hot Water Temperature

- adjustable range: 65°C -boiling point
- increase/decrease temperature by 1°C
- the factory default is 99°C

Cold Water Temperature

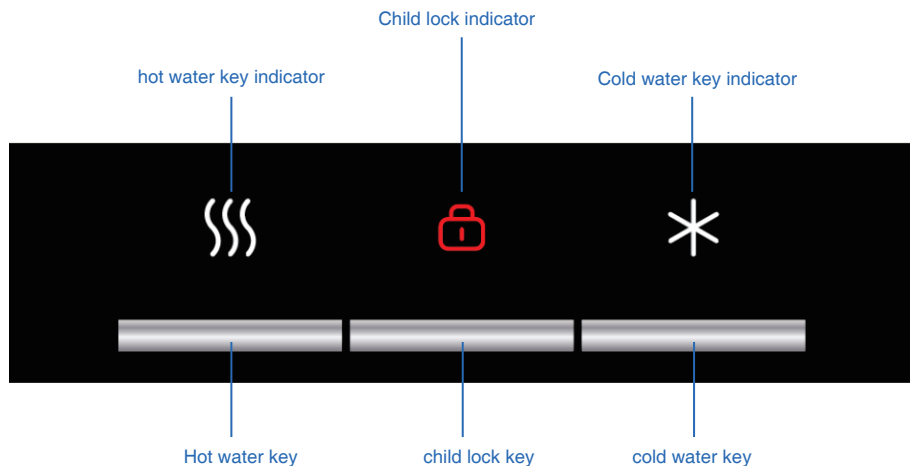
- adjustable range: 4°C -10°C ,
- increase/decrease temperature by 1°C
- the factory default is 5°C

Mixed Water (Preset Temperature and Volumes)

- mixing water temperature: 30°C , 40°C , 50°C , 70°C
- mixing water volume: 150mL, 300mL, 500mL
- default setting temperature / volume: 30°C at 300mL

Sterilization light

- normal: 
- failure: 



Hot water key indicator

- Screen off before the child lock unlocking
- After unlocking the child lock, tap it, keep on
- Flashing during dispensing hot water

Child lock indicator

- Keep on before unlocking
- Screen off after the tapping
- On standby mode, breath indicator

Cold water key indicator

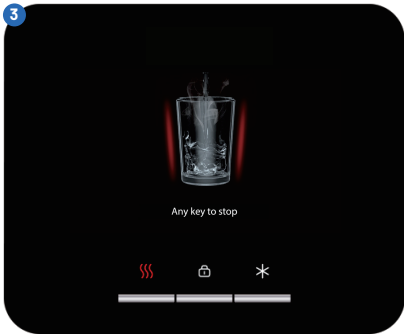
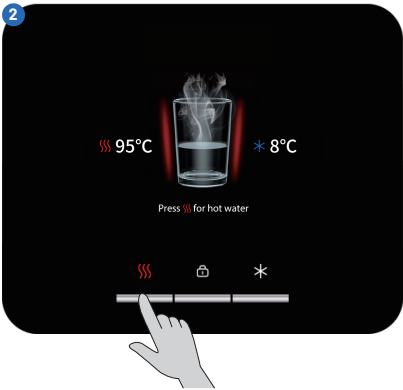
- Screen off before the tapping
- Keep on after the tapping
- Flashing during cold water dispensing

Water Dispensing

* The picture is for reference only, the product is subject to the actual.

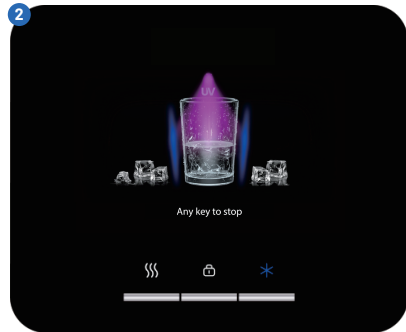
5.1 Dispense hot water

- 1. Tap the child lock key  to unlock first, and the indicator gets off (If there is not any operation within 5s, the unit will relock).
- 2. Tap the hot water key , and the hot water indicator will light up
- 3. During dispensing hot water, the indicator  will flash on. Tap any key to stop dispensing water.



5.2 Dispense cold water

1. Tap cold water key , and the cold water indicator will light up. The child lock indicator  will get off.
2. During dispensing cold water, the indicator  will flash on. Tap any key to stop dispensing water.

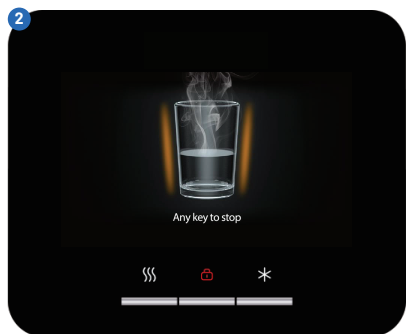


Notice:

If there is a delay in the cold water discharge, restart the machine, repeat the steps of filling cold water tank, and skip the cold tank water feeding after there is any water flowing from the nozzle.

5.3 Dispense mixed water (Preset temperature)

1. Tap the child lock key  twice within 1s to start dispensing mixed water.
2. Cold water will be dispensed first followed by Hot Water to achieve the mixing water. During the process of dispensing water, the indicator light of the child lock key  continues to flash, press any key to stop dispensing water.



Setting * The picture is for reference only, the product is subject to the actual.

6.1 Enter settings interface

Long press the child lock 3S will enter the settings interface.

Hot water key corresponds “select” button

Child lock key corresponds “return” button

Cold water key corresponds “confirm” button



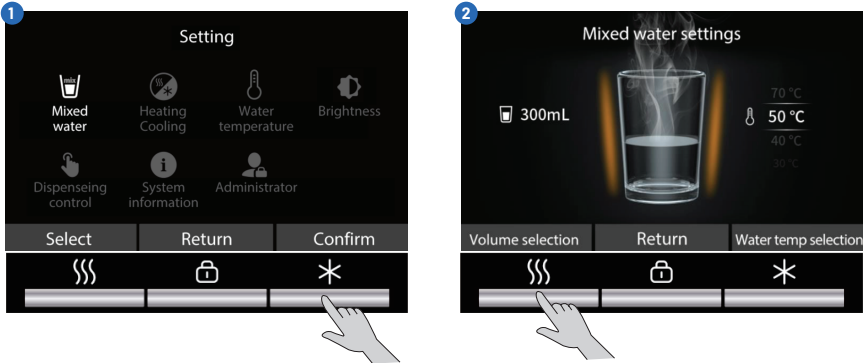
6.2 Mixed Water settings (Preset and Volume)

Select the Mixed Water icon  and tap lightly to confirm; enter the Mixed Water Settings interface.

Tap the volume selection key  at the bottom of the screen (Volume selection) to cycle through the volume in ascending order; tap the Return key  to confirm the volume and return, the bottom of the homepage displays the 3 levels of Mixed Water volume, 150mL, 300mL, 500mL;

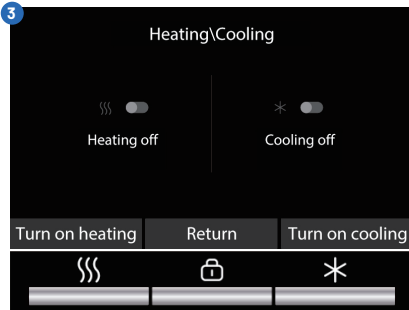
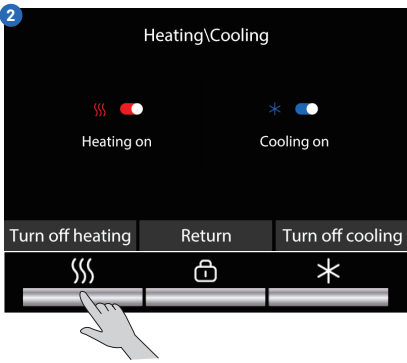
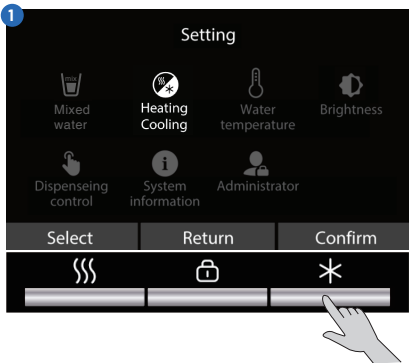
Tap the temperature selection key  at the bottom of the display panel (Water temperature selection) to cycle through the water temperature in ascending order; tap the Return key to confirm the water temperature and return to the mixing water temperature. Available 4 temperatures are 30°C, 40°C, 50°C, 70°C.

Note: the mixing water temperature and the volume setting defaults are 30°C and 300mL.



6.3 Heating/Cooling Setting

Select heating/cooling  to enter settings option, tap the corresponding key to turn on/off heating or cooling function.

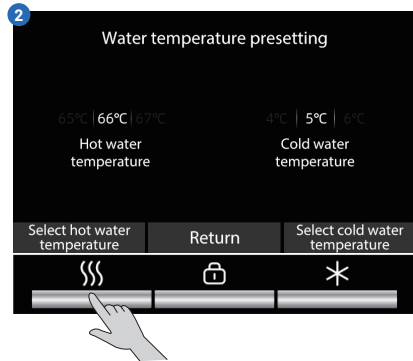
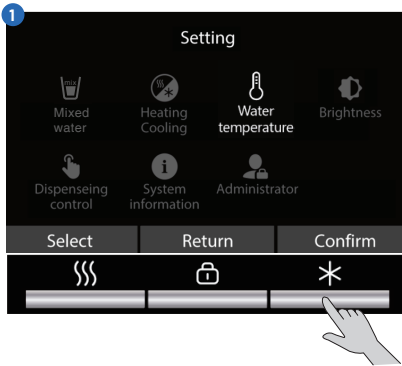


6.4 Water temperature pre-settings

Select the water temperature  and enter the settings option. Tap the key repeatedly to adjust the hot/cold water temperature.

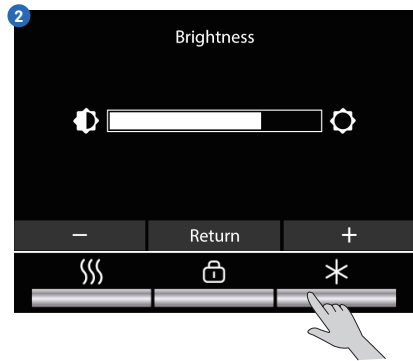
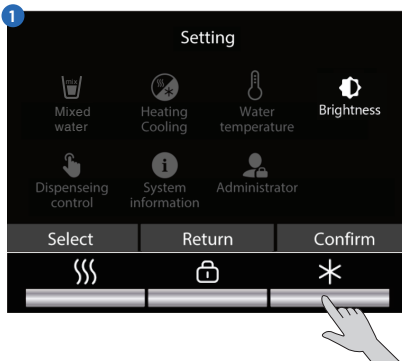
Notice: Adjustable range of hot water: 65°C- boiling point, increase/decrease temperature by 1°C;
Factory default hot water is 99°C.

Notice: Adjustable range of cold water: 4°C-10°C, increase/decrease temperature by 1°C;
The factory default cold water is 5°C



6.5 Brightness settings

Select brightness  enter the settings. Tap corresponding key to adjust the brightness value.



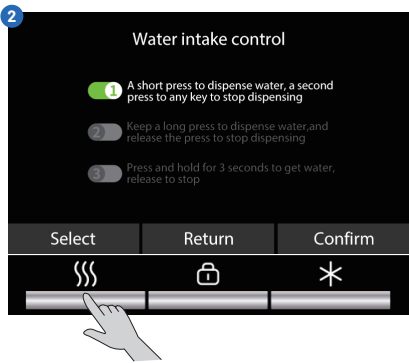
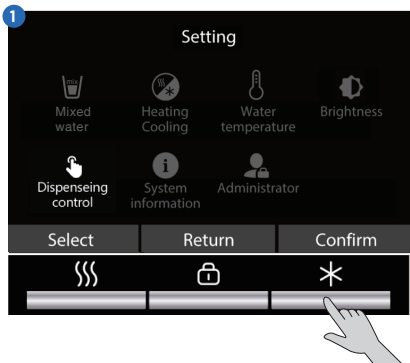
6.6 Water dispensing options pre-settings

Select water getting control  and enter Settings Option; Tap the key to select the water getting method

Getting water method1: tap to getting water, tap any key to stop

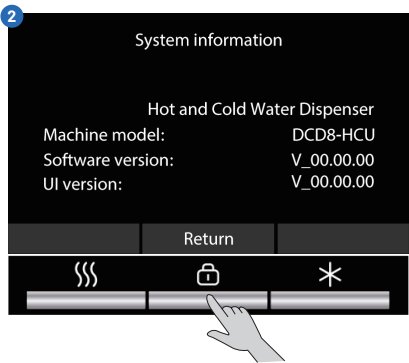
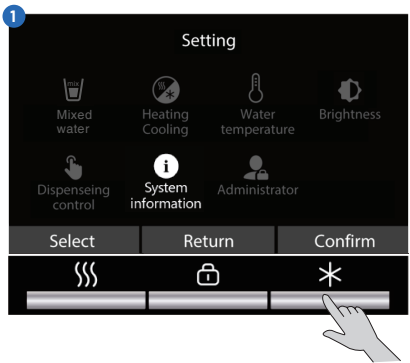
Getting water method2: long press to getting water, stop when release

Getting water method3: long press to getting, tap any key to stop; Long press 3s to getting water, stop when release.



6.7 System Query

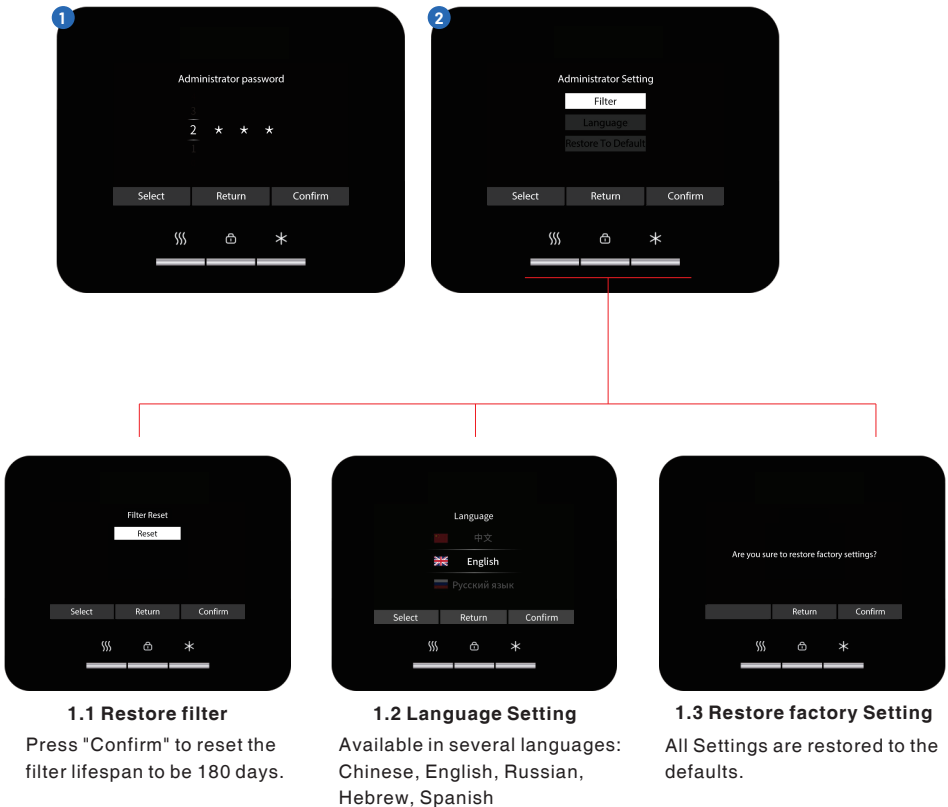
Select system information  and enter the query option. Can view the information about the machine.



6.8 Administrator Settings(Language and restore factory settings)

Select administrator option  and enter the password as prompted. If the password is correct, you can enter the Administrator Settings option ,If the password is incorrect, you cannot enter.

On the administrator interface, you can set up the filter, language and restore factory Settings.



6.9 Sleep mode

Sleep mode.

If no operation within 60 seconds, the screen brightness decreases, and it will enter the sleep status.

Breathing mode: If no operation is performed within 180 minutes, the machine screen will always display the start page; press any ket to exit the sleep / pause state.

Filter and replacement

* The picture is for reference only, the product is subject to the actual.

7.1 Filter introduction

Filter Name: 2ACT-S Filter (Sintered activated carbon block filter)

Filter Components: Sediment activated carbon filter cartridge, filter housing, filter housing cap

Effect: Further reduce the residual chlorine and odor in water to improve the taste

Service life: Six months

Warm reminder:

The service cycle time of the filter is not a guaranteed period, and uses the normal water consumption of the general family with the source water meeting the national drinking water standards as the reference standard.

The maintenance cycle of the filter is expected, and the actual use cycle will be different due to the difference in the regions, source water quality, consumption and season.

Please pay attention to the filter life monitoring of the machine in real time and confirm the replacement cycle according to the filter life indicator.

The replacement cycle of the filter will vary according to the actual situation of the source water quality and water consumption.

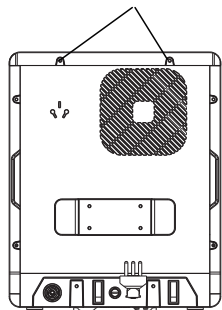
The user can judge the remaining life of the filter according to the filter life indicator bar in the standby display. When the life of the filter is about to expire, the life indicator shows a red alarm. Please replace the filter as soon as possible.

Notice: Please use Aqualife filters ONLY, otherwise when the machine fails or is damaged, the whole machine's warranty service will be invalid.

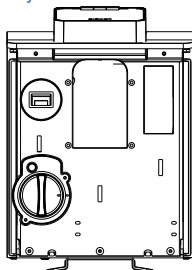
7.2 Filter replacement

1. Turn off the power and water source.
2. Take out the screw on the back, and take out the upper cover.
3. Take out the old filter : press the filter popup button, the old filter automatically pops out, please take out the old filter upward.
4. Install the new filter: Take the new filter out of the packaging box, confirm that it is intact, then align the new filter with the hole, and align the top of the filter with the arrow on the machine, and then press down to fit.
5. Reinstall the upper cover and filter decoration cover.
6. Turn on the power and water source: Turn on the power and water source to light up the display screen, and the equipment will automatically rinse and debug.

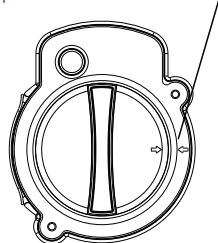
① Remove the two screws from the top and take out the top cover



② Press the red button at the filter position, and the filter will pop out automatically



③ Align the two 3-angle arrows and press the filter down. After hearing a snap sound, the filter is installed in place



Notice: Please use genuine filter, otherwise the machine failure or damage, you will not be able to enjoy the whole machine warranty service.

Safety Precautions!

- Don't put the machine near the source of fire!
- Don't put the machine near the fire or the temperature is too high, otherwise it may cause the machine deformation or melting, so that it is damaged or water leakage happens.
- Cut off the power supply during the installation and commissioning, to protect against electric shock.
- Don't touch the power plug with wet hands to protect against electric shock.
- Don't disassemble or modify the machine without permission! Unauthorized disassembly or modification may lead to failure or water leakage accidents.
- Don't pull the power cord directly to protect against electric shock, short circuit or fire.
- Don't damage the power cord or plug to protect against electric shock, short circuit or fire.
- Don't touch corrosive substances! Corrosive substances can damage the wet water parts in the machine, or allow toxic substances to penetrate into the pipe, causing water contamination or leakage.
- Don't use the unit under the environment with the temperature below 4°C! When the ambient temperature is lower than 4 °C, please take anti-freezing measures to prevent pipe fittings from cracking due to frozen water inside the machine.
- Don't use power that exceeds the specified value of the machine, only use 220V-240V AC(OR 110V AC) power! Must use the outlet withstanding the current higher than the specified value, otherwise it may lead to overheating or fire accidents.
- Grounding cables requires professional personnel to finish.
- The initial installation or relocation must be carried out by professionals, because the user's own handling is easy to cause damage to the machine.
- When installing the machine, please stand upright, Don't stand upside down or tilt, otherwise it may cause damage to the machine.
- The three-level safety outlet with reliable grounding must be used, and the user must not change it without authorization.
- If no use for a long time, please unplug the power supply, turn off the water valve and drain the water from the machine.
- If the power cord is damaged, it must be replaced by the manufacturer, its maintenance department or a professional from similar departments in order to avoid danger.
- Don't use a booster transformer to connect to the power plug!
- Don't let the product touch or place it near the heat sources or open flames! Don't place heavy objects and plug outlet on the product!
- Don't pour tea leaf and other impurities into the drip tray that are easy to cause blockage to the wastewater discharge pipe!
- Avoid storing the product in places exposed to strong sunlight, resulting in product aging!
- Avoid storing the product in damp or dusty places, which may cause circuit damage!
- Avoid storing or exposing the products in environments below 0 °C!
- Avoid placing the product with strong magnetic appliances, which may cause fire or circuit failure!
- Use the new hose assemblies coming with the appliance. Old hose assemblies cannot be reused.
- Please check and maintain the product every month to ensure a safe use!
- This machine must not be cleaned with jet stream.
- Rinse the machine according to the instructions when using for the first time or resuming after long-term disuse.
- Clean and replace the filter (membrane) regularly according to the instructions
- Do not immerse the Machine in water when cleaning!
- Young children should be accompanied by a guardian!
- This instruction manual is not intended for persons (including children) who have physical or intellectual impairments, or lack of experience and knowledge.

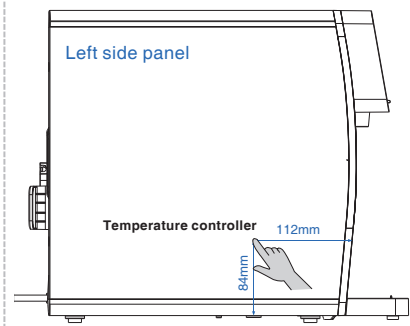
Troubleshooting (Please contact after-sales, personnel for professional maintenance)

Fault phenomenon /code	The fault cause	Troubleshooting
The machine cannot power on	- The power supply is not connected;	①
	- Computer control system has no output voltage	②
Heating failure	- Heating switch is not turned on	③
	- Thermostat disconnected	④
F04	Water leakage fault	⑤
F06	Filter removed	
E04	Hot tank NTC fault	
E05	Cold tank NTC fault	

Solution

- ①: Check the power outlet or power plug.
- ②: Measure the output voltage.If there is no voltage output, replace the electronic control system.
- ③: Press to turn on the heating switch on the back of the machine.
- ④: Press the side panel of the machine hard to touch the temperature controller, reset the hot tank, please cut off the power and water in time.
- ⑤: Please cut off the power and water supply in time.Please contact the after-sales service center for professional maintenance

Operation Diagram to touch the temperature controller and reset the hot tank:



Position of the temperature controller:
on the left panel: about 112mm away from the front panel and 84mm away from the base

Resetting steps:

1. Locate the temperature controller on the left panel according to the described position.
2. Press the corresponding position (temperature controller) to reset the hot tank.

Notice: The distance between the left panel and the thermostat is about 7mm. Please be sure to press hard during operation.

