

# MANUALE INSTALLAZIONE USO E MANUTENZIONE

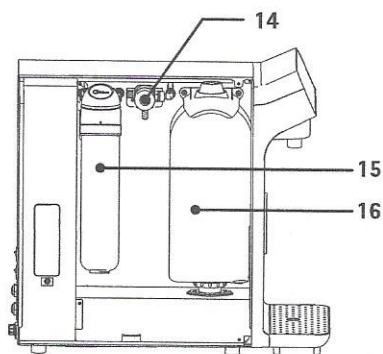
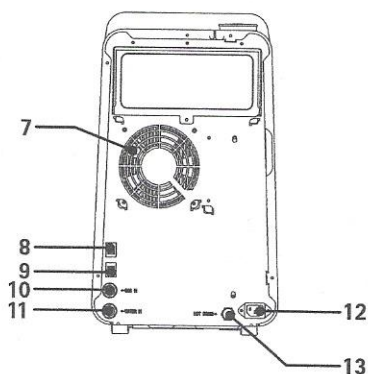
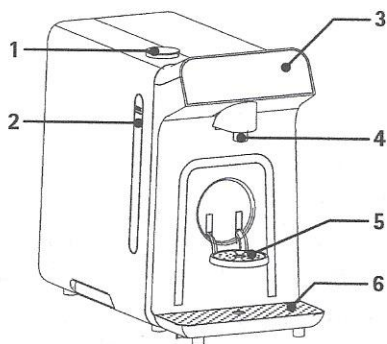


**JL1745T-S**

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## DESCRIZIONE DELL'APPARECCHIO



1. Water tank close plug
2. Tank water level
3. Control panel
4. Water supply faucet
5. The removable cup support
6. Movable reservoir
7. Cooling fan
8. Boiler heating red switch
9. Water dispenser starting green switch
10. External gas inlet
11. Tap water network water inlet
12. Power connection/in
13. Heating boiler discharging
14. Carbon dioxide cylinder pressure reducing valve / connecting valve
15. Safe and hygienic carbon box
16. 2.5L drinking water tank

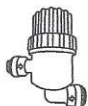
## Accessories



17. Faucet adapter with switch valve 1/2"-1/4"



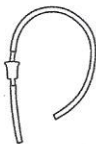
18. Specification: LLDPE



19. A filter for filtering sediment and impurities of the water supply network



20. Pressure stabilizer



21. Healthy and hygienic pipe



22. Filter JL1745T-S

**Dear Customer: Thank you for purchasing our water dispenser.**

In order to maximize the product efficiency and product satisfaction, please read the installation, use and maintenance instructions in this Manual carefully so as to use the product correctly.

## **1 Before Use the Water Dispenser**



**Note: Use dedicated drinking water that has not been processed.**

- Please keep the Manual for future reference.
- After opening the package, confirm that the water dispenser is not damaged. If you do not install it, notify the carrier and/or the sales company immediately, otherwise, it won't be accepted 24 hours after delivery.
- Read the technical data of the water dispenser and ensure that the installation position of the electrical equipment is within its load range.

## **2 Preventive Measures**



**Please unplug the power plug from the power socket and wait 15-20 seconds before any cleaning operation and maintenance of the water dispenser.**



**Note: Ensure regular maintenance of the water dispenser.**

- Do not insert in or pull out the power plug with a wet hand.
- Do not alter, damage, pull or twist the configured power wire.
- Do not place the water dispenser or other heavy object on the power wire.
- Do not connect your device to several sockets or adapters.
- Do not turn on the water dispenser when the power wire is damaged.
- Regularly check whether the power plug is in good condition and use dry cloth to remove the dust, prevent dust accumulation, thus avoiding possible serious losses caused by electric shock.
- Prevent electric leakage, do not spray non-aqueous solvent liquid on the water dispenser.
- Do not immerse in water or liquid.
- To ensure safety, children and people with intellectual and behavioral disabilities must use the water dispenser under the supervision of adult, unless appropriate training is received. Children are not allowed to play with water dispensers. Cleaning and maintenance of the water dispenser must be carried out in accordance with the instructions of the Manual.

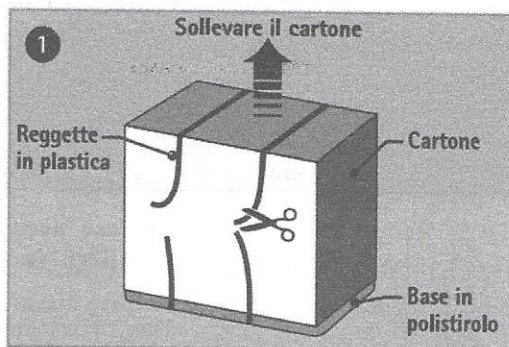
### 3 Unpacking



**Note:** When holding up the water dispenser, you should not only grasp the front end of the water tank heat preservation cover, but also hold the base by hand (see



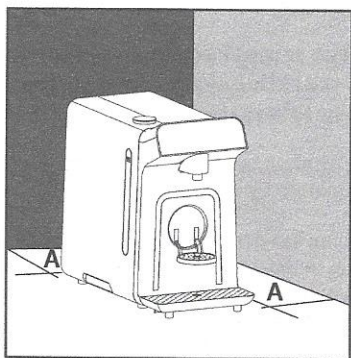
- Put the water dispenser in the selected installation position.
- Cut the plastic packaging belt and open the cardboard box as shown in Figure 1.
- Remove the plastic and polystyrene foam plates from the water dispenser.



- Lift the water dispenser as shown in Figure 2.

Please keep the internal and external packaging, especially internal polystyrene foam which is used to avoid damage during transportation. Damage caused by transportation is not covered in the warranty.

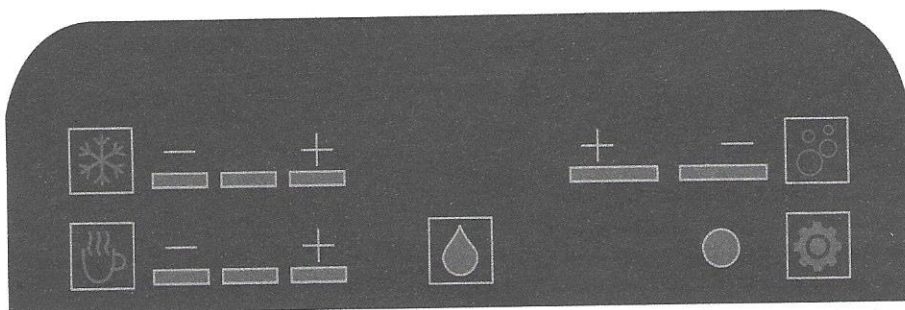
### 4 Installation Position









**In order to ensure the normal use of the water dispensers, the environmental temperature of the installation of water dispensers should be kept 16-38°C.**

- The drinking water device realizes household rather than professional application.
- The product is not suitable for outdoor use.
- Keep it away from flammable, toxic and hazardous substances.
- Do not install in dirty, dusty or direct contact with heat sources or sunlight, or close to water jets.
- If directly connected to the domestic water network, ensure good water quality conditions, replace any damaged or outdated part (fittings, gasket, washer) between the water dispenser and the water outlet to avoid water pollution.
- Place the water dispenser in a stable position to support its weight.
- Make sure there is at least 6-7cm of space around the water dispenser, especially to allow the radiator to work properly (see Figure 3, letter A).

## 5 Description on Water Dispenser



	Water output button
	Cold water button
	sparkling water button
	Hot water button
	Setting button
	Exchange filter indicator



**Important:** An ultraviolet lamp is used to disinfect the faucet. It will disinfect for 5 minutes automatically every 3 hours.

**Please note that our water dispenser has realized the use of special drinking water.**

All the details of the water dispenser, from selected quality components to the most modern production technology, are the result of our long-term project.

- Normal temperature water
- Cold water
- Sparkling water

Installing a removable filter to reduce chlorine and sediment in the water, and make the water fresh and tasty.

One refrigerating unit is installed inside to provide water temperature of 6°C, 12°C and 18°C, and two different levels of sparkling water, which can meet the requirements of demanding users.

**You can change the temperature of the water and the level of sparkling water at any time according to the user's taste.**

The water dispenser implements one of its visual uses, all of which are controlled by a simple touch panel on the front side.

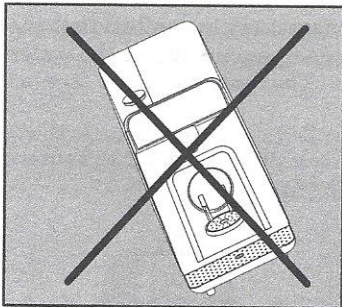
The water dispenser can have two operation modes:

- Directly connecting to the tap water network
- Manual disconnection, inject drinking water from tap water network to water tank

## 6 Optional: Hot Water

The device can install a boiler with capacity of 0.5L for heating, and can provide hot water with three water temperature: 50°C, 70°C and 90°C. Selecting a boiler to heat and measure the water temperature and keep the water temperature within a reliable and stable range (about 5 minutes). The preset safe hot water supply system can avoid accidents when children and unsuitable people use it. The boiler has an ON/OFF switch, which can be turned off if the water dispenser is not in use, so as to reduce consumption

## 7 Installation



Please note the instructions on the installation position provided above. There is no water in the water dispenser. During installation and use, the ambient temperature should be kept 16°C -38°C.

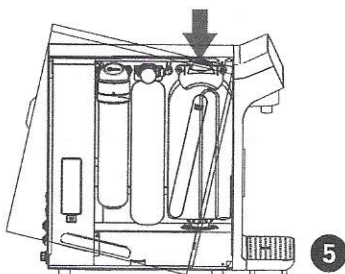
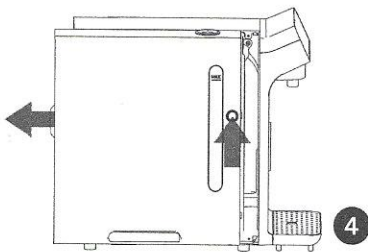
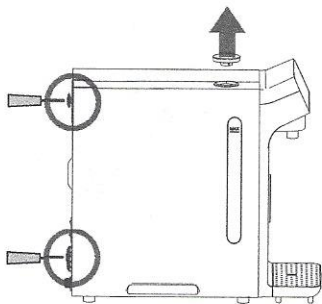
**If the water dispenser is laid horizontally or upside down, wait 10 hours before starting the water dispenser.**

**Please install the water dispenser according to the procedures described in the Manual.**

## 8 Disassembling the Side Board

The side board shall be disassembled to open the drinking water tank, CO<sub>2</sub> cylinder and filter, as follows:

- Unplug the tank plug and unscrew the two screw slots on the rear side (see Figure 3).
- Hold on to the handle behind the board, press it gently at the designated point and then pull it out of the special position. (See Figure 4).



After various operations, put the side board to its original position.

- First, the drip-proof rubber gasket of the board (see Figure 5) is fixed at the water tank outlet.
- Attention should be paid to the coupling device at the front part of the water dispenser.

It is not necessary to re-open the side board during normal use of the water dispenser. It is recommended that it is re-opened only in case of transportation or mailing

## 9 Preparation and Safety of Water Dispenser

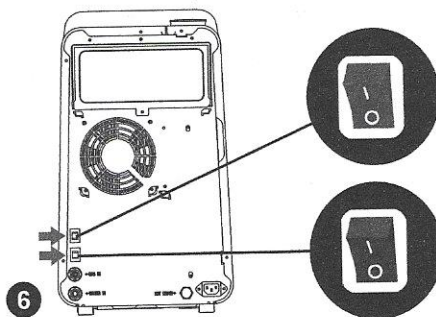


In order to start the operation of the water dispenser, it is first necessary to confirm that the preset devices of all components inside the water dispenser are safe. The specific steps are as follows:

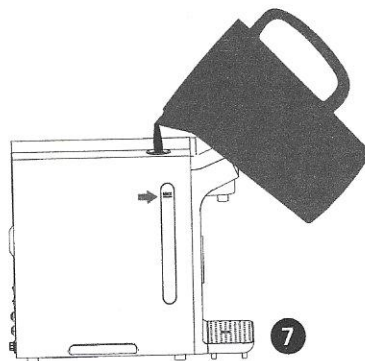
- The water dispenser should be connected to the power supply. The switch is at OFF position and all switches are set at O/OFF. (See Figure 6)



**Important:** For the safety of the product, it is recommend to disinfect the water dispenser with effervescent disinfectant. If different products are used, it needs to be disinfected with a suitable container, but it must be diluted with 2.5L of water as required by the manufacturer.



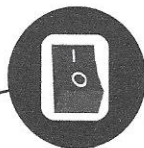
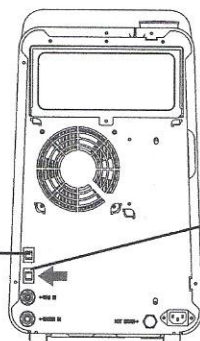
- Remove side board (see Chapter 8).
- Fill the water tank with drinking water to the highest water level line (see Figure 7).




- Put 2 disinfection effervescent tablets in the tank at a dose of 1g and wait for them to dissolve completely.
- Press the green start switch and place it in the "I" position (see Figure 8).
- The water dispenser automatically feeds water into the water tank.
- After completely discharging the water in the water tank, feed 2L water again.



**Note:** The heating red switch should be in the "O/OFF" position.



8

- Put 1 disinfectant effervescent tablet in 1g (2 tablets, 0.5g/tablet) and wait for it to dissolve completely.
- Press the hot water button  until the first indicator turns on



**Note:** Follow the procedure shown! The stage of feeding water into the tank is necessary and does not require excessive intervention





- Place a thin-necked glass water bottle with capacity of at least 2L at the faucet below the water dispenser.
- Press the hot water button outlet at the same time



- The tap of the water dispenser starts to output water and then stops after outputting about 1L water.

To keep the water in the water dispenser safe at this stage, it needs to run for at least 15min. The specific steps are as follows:

Feed 3L of water (water tank), press the hot water button and water output  +  button at the same time.

- Remove the safety carbon box and put in the matching filter (see Chapter 10 Installation/Replacement of Filter, Note! At this stage, it is possible to leak water from the carbon box, please discharge the water from it at one time).
- Feed 3L of normal temperature water (once water is added, a new filter shall be installed, it is normal that there's charcoal residues, the water will return to a clear a few seconds later).
- Feed 3L of cold water.
- Feed 2L of sparkling water.
- Install the carbon dioxide cylinder for sparkling water.
- Re-install the side board and close the water tank plug.

(See Section 15.1 "Water Supply". For cold water and sparkling, the first level is enough.)



## 10 Installation/Replacement of Filter



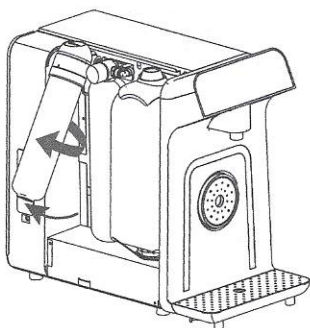
**Note:** Once a new filter is installed, there will be visible charcoal residues in the water, which is absolutely normal. Feed 2/3L of normal temperature water before drinking.

The special filter is used to ensure the normal operation of the water dispenser and the supply of drinking water. We recommend using a marker to mark the date of installing the filter. Specific steps are as follows:

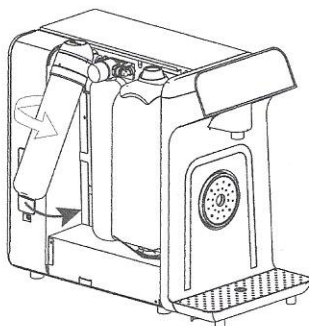
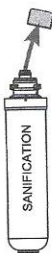
- Turn off the water dispenser and disconnect it from the power grid.
- Unplug the water tank plug and remove the side board (see Chapter 8).
- Take out the cartridge filter or rotate the filter and pull it out (see Figure 9).

**Note:** Use sponge or absorbent cloth to absorb the spilled water during operation.

- Remove the plug from the filter and place it at the top of the specified direction (see Figure 10).



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**Maintain the life cycle of the carbon box.**

The water dispenser is equipped with a signal device. The user is advised to replace and install the filter after one year's use since the filter has reached the limit of its filtration ability. If the  $\odot$  indicator turns on in the control panel, it indicates that the filter  $\odot$  needs to be replaced, and in order to reset it, please hold the reset button and sparkling water button  $\text{⚙} + \text{⦿}$  for 10 seconds

## 11 Installation/Replacement of Disposable Carbon

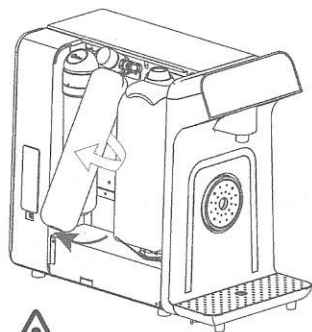


**Note:** 600g non-filled carbon dioxide cylinder is specially used in the side cover. The cylinder is connected to the M11X1 fixing device and E 290 gas supply.

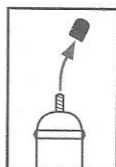
It is necessary to install carbon dioxide cylinder in order to get sparkling water.

- Turn off the water dispenser and unplug the water dispenser from the power socket.
- Remove the water tank plug and side board (see Chapter 8 Disassembling of Side Board)
- When replacing the carbon dioxide cylinder, it is necessary to unscrew and remove the used cylinder (see Figure 11).

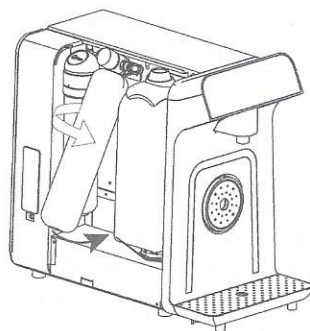
- Remove the protective plug from the cylinder (see Figure 12).
- Hold the pressure reducing valve of the cylinder with one hand, then screw the cylinder (see Figure 13), occasionally the gas leakage is normal, screw out quickly!



11



12



13

**Note:** The calibration of the pressure reducing valve is done by the factory, please do not change its settings.

Carbon dioxide cylinder must be replaced when used up, it doesn't need to feed gas and water, but the gas between the metal shall be discharged.

The water dispenser is equipped with an air inlet in the rear panel for installing an external carbon dioxide cylinder.







## 12 Design of Water Dispenser



**Note:** When the water dispenser cools the water inside the tank, the cooling indicator flashes and the compressor is in operation. When the indicator keeps ON, the water dispenser is ready to supply cold water and sparkling water.

### Water tank or tap water network:

When starting the water dispenser for the first time, the water dispenser should be set up through the water tank. This option can be changed at any time. The specific steps are as follows:

- Supply power and start the water dispenser. Press the water button and set button  +  at the same time until the cold water icon  and the sparkling water icon  start to flash
- Press the cold water button  if you want to use the cold water supply mode
- Press the sparkling button  if you want to use the tank water supply mode.

**Note:** If you want to use the tap water network mode, the water dispenser should be connected with the tap water network in advance.

Now the water dispenser is ready for use.

The water dispenser is designed for continuous use. If the water dispenser is not used for a long time, such as holidays or vacation, the water dispenser is designed without the pre-closing function.



### 13 Connect with External Carbon Dioxide Cylinder

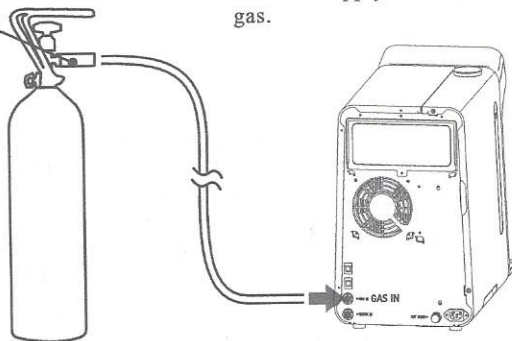


**Note:** Cylinder over 1kg must be placed in a ventilated environment.



Carbon dioxide cylinder should always be placed vertically. It is forbidden to place the carbon dioxide cylinder horizontally.

RIDUTTORE DI  
PRESSIONE



The water dispenser is preset with an external inflatable carbon dioxide cylinder, and one 4 Bar calibrated pressure reducing valve is required for installation.

The purchase of carbon dioxide cylinder, pressure reducing valve and pipe used to connect to the water supply network (also used to connect directly to the water supply network, see technical data), including subsequent inflations, is the user's responsibility, all of which is legal.

Before starting, make sure that the cylinder valve is closed. The specific procedures are as follows:

- Tighten the pressure reducing valve of the carbon dioxide cylinder directly (provide a special adapter connection pipe for pipe connection if necessary).
- Connect the outlet pipe of the pressure reducing valve and the other end of the air inlet of the water dispenser.
- Open the cylinder valve for gas supply. When the gas is exhausted at one time, release the cylinder pressure valve and go to the gas sales station to seek the supply and use of carbon dioxide E290 gas.

### 14 Connect with Tap Water Network



**Note:** Connect to cold water only.

Solenoid valve prevents the return of treated water in the tap water network.

In order to connect with the tap water supply network, we recommend that the installation and operation shall be carried out by qualified people, thus ensuring the normal operation of the water dispenser.

All pipes, gaskets and washers have been checked and replaced in advance during connection to the water supply network, mainly to prevent contamination.

## Accessories:

A faucet adapter with switch valve  
1/2"-1/4"



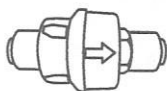
5m water supply pipe 1/4"  
Specification: LLDPE MAX230 PSIA  
20°



A filter for filtering sediment and  
impurities of the water supply network



A pressure stabilizer



Installation is especially required, such as a long-sized tube or a different faucet, which can be purchased at store but is subject to technical data provided in this Manual.

1- Before connecting, it is necessary to install the faucet adapter. Please remember that it is specially designed to connect cold water. It is very appropriate to seek help from professionals in the process.

2- Connect the water pipe at the water outlet of the faucet adapter.

3- Along the installation path, first, filter the impurities and the subsequent anti-pressure stabilizer, pay attention to the direction of the arrow in the inlet and outlet, cut off the water pipe according to the needs of the installation (we recommend installing the filter as close as possible to the faucet).

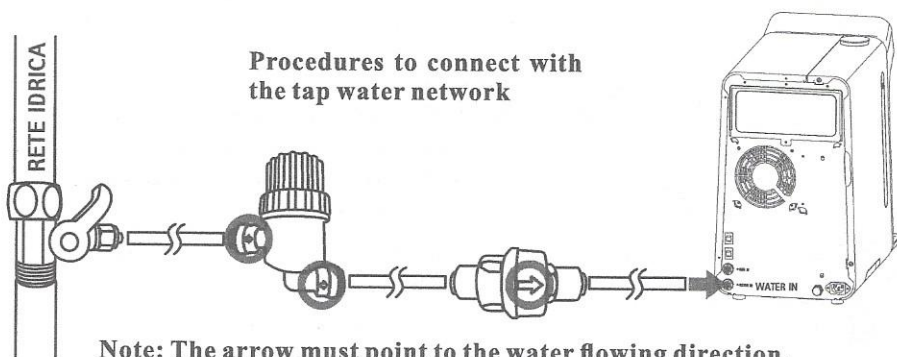
4- Turn off the water dispenser and cut off power supply.

5- Connect the water pipe to the water inlet of the water dispenser.

**The reagent box is equipped with a quick coupling, inserting the water tube into the fitting, it can reach best sealing state.**

The filter and stabilizer have inlet and outlet marked with arrows, the arrow points to the water flowing direction (tap water must flow through the water dispenser).

**Note: Turn on the valve of the faucet adapter before starting the water dispenser, and make sure there is no leakage or drip. Start the water dispenser, confirm whether the water supply network mode is set (see Chapter 12)**



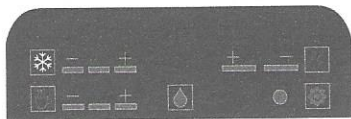
**Procedures to connect with  
the tap water network**

**Note: The arrow must point to the water flowing direction.**

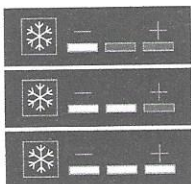
## 15.1 Water Supply

After choosing the mode of water network or water tank, the operation is as follows:

### Normal temperature water

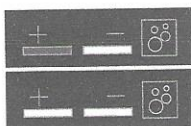


- The display of the water dispenser should have a bright cold water icon ❄️ and a closed sparkling water icon ⚡️.
- Press the water output button to start the water dispenser.
- Press it again to stop water output.



### Cold water

- Press the cold water key ❄️ to select the desired temperature: Touch the button and one indicator from left to right will turn on (from - to +), each bright indicator corresponds to a temperature:
- Indicator 1 is ON 18°C
- Indicator 2 is ON 12°C
- Indicator 3 is ON 6°C
- Press the water output button at the same time

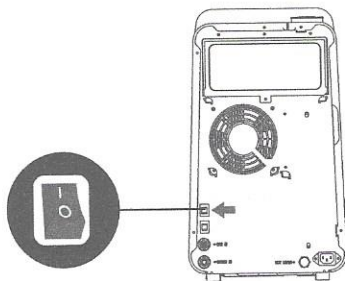


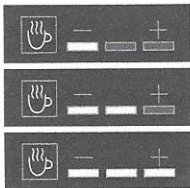
### Sparkling water

- Press the sparkling water button ⚡️ to select the desired sparkling level: Touch the button and one indicator from left to right will turn on (from - to +), each bright indicator corresponds to a temperature:
- Indicator 1 is ON = light sparkling water
- Indicator 2 is ON = sparkling water
- Press the water output button at the same time

### Hot water

- The heating switch behind the water dispenser should be set at 1/ON position (red button)
- Hold the hot water button for a few seconds until the indicator flashing
- When the hot water button remains open, the heating is ready
- Select the desired temperature and press the hot water button at the same time. The indicator turns ON from left to right:





**Note: Boiler heating capacity is 0.5L, the water dispenser can automatically supply this amount of water, before the water supply, wait for the indicator turning ON in the display screen.**

- Indicator 1 is ON = 50°C
  - Indicator 2 is ON = 70°C
  - Indicator 3 is ON = 90°C
  - Press hot water key to supply water + at the same time.
- For the closing of the heating boiler, it is necessary to press the cold

water button or the sparkling water button . In any case, for the safety of the boiler heating, the water dispenser will automatically turn off the boiler heating after the last hot water supply.

**Note:** The temperature values cold water and hot water shown can distinguish other water supply situations.

## 15.2 Dosage Setting

he water dispenser is set up to supply the same amount of water (a glass bottle or a cup of water) with a simple touch.

Set the supply of normal temperature water, the specific steps are as follows:

- Hold the set key for 5 seconds until the supply water button lights up.
- Press the water supply button to supply the desired amount of water, and then reset it (Note: don't hold the water supply button at this stage).
- Press the water supply button once and the water supply of the water dispenser reaches the set amount (if the indicator keeps flashing at the end of the program, the setting is unbearable, it should be reset from the first step).




In general, the difference in the supply amount is achieved by pressing the supply button .

**Note: The dosage setting cannot exceed the supply limit under any circumstance.**

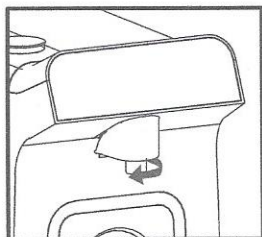
## 15.3 Water Termination Signal



**Note: It is valid only under the water tank mode.**

When there is no water in the tank, the water dispenser will automatically stop for preventing the equipment from damage, and the water supply button  indicator will turn ON. Feed drinking water into the water tank, the supply button  turns OFF, the water dispenser recovers to normal use state. If the supply button  indicator keeps ON, after feeding water into the water tank, the indicator will turn OFF. Disconnect from the power supply and wait for a few minutes, restart or move the water tank sideways to restore the water injection sensor.

## 16 Periodic Maintenance



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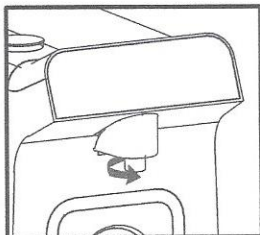
The basic maintenance of the water dispenser is cleaning and safe intervention. Please follow the instructions provided below and in the subsequent chapters.

For external cleaning, use a clean absorbent cloth, dilute innocuous detergent or disinfectant with water, avoid the use of abrasive substances, which can damage the surface of the body or have the ability to dissolve, and the residue of these substances is harmful to health.



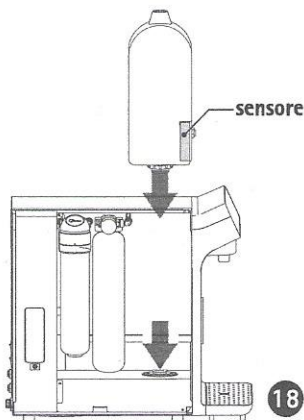
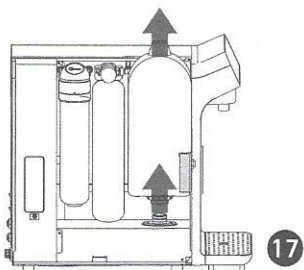
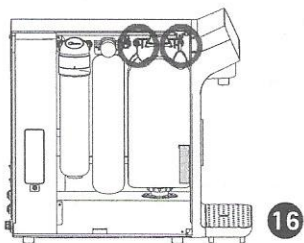
Remove the dust and keep the surface clean, empty the reservoir used to catch the water droplets and ensure that the rear of the cooling fan is not blocked.

In particular, it is necessary to pay attention to the battery pack of the water supply faucet, and we have also provided the indicator UV automatic safety disinfection function. Clean for 5 minutes every three hours if the water dispenser is not in operation.



If the water supply flow rate is irregular, it is necessary to turn on the faucet manually (see Figure 14) and provide meticulous cleaning. Otherwise, the filter will be blocked, the cloth or sponge that has been used for other cleaning work should be avoided. (For example, it must be soaked in water


## 17 Water Tank



### Disassembling of drinking water tank

The internal water tank is disassembled for cleaning. The specific operation steps are as follows:

#### Take it out

- If the water inside the water supply tank is up until the signal indicator "water termination signal"  begins to turn ON (the water supply should be in the tank mode).
- Turn off the water dispenser.
- Remove side board (see Chapter 8 Removal of Side Board).
- Unscrew two plastic screws (see Figure 16) and remove the external top screw.
- Hold the bottom of the water tank and push it upwards to remove the lower water tank (see Figure 17).

**Note:** There is a drip-proof valve at the bottom of the tank to prevent the flow of water, and ensure it is slight water leakage as much as possible. A clean cloth may be provided to dry the bottom of the tank at any time.

- Before re-installing the water tank, discharge the remaining water in the water tank and clean it. If decalcification products or disinfectants are adopted, please follow the manufacturer's requirements for quantitative operation.

#### Installation

- The drip-proof valve should be installed when the water tank is reset and installed. In addition, note that the injection sensor on the side shall face the front of the water dispenser. (see Figure 18)
- Push down the water tank till taking in place.
- Install two plastic screws and tighten them.
- Start the water dispenser after feeding drinking water into the water tank.

If the water dispenser is restarted, the signal indicator "water termination signal" should flash continuously and the water tank is full. This indicates that the reset is not correct. Try to move the tank gently to the side until the signal indicator stops flashing, and the water dispenser can supply



**Note:** There is an injection sensor on the side of the water tank, it shall always face the front of the water dispenser.

## 18 Inactivation Cycle

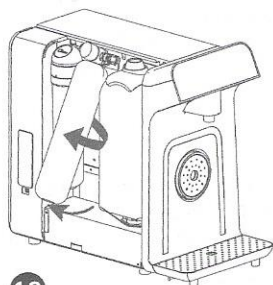


**Note:** Never drink the first cup of water overnight or after a pause of more than 10 hours, drink any kind of water after discharging the first cup of water.

**For the inactivation cycle of the water dispenser, although the water dispenser is running, it does not supply water**

- If the connection between water dispenser and water network keeps inactive for 48 hours, at least 2L of cold water should be discharging before drinking.
- If the water dispenser keeps inactive for 48 hours under water tank mode, it needs to discharge the remaining water in the water tank, and then fill with drinking water, at least 2.5L of cold water should be discharged before drinking.
- If the water dispenser keeps inactive for 15-20 days, safe disinfection shall be carried out at least before drinking.
- If the water dispenser keeps inactive for more than 20-25 days, it is necessary to re-sterilize and replace the filter at least before drinking.

## 19 Safety Period



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It is necessary to disinfect the water dispenser after inactivation. This procedure disinfects all links in the water dispenser to ensure that the internal environment of the water dispenser is the best, and the water supplied is also of high quality and health.

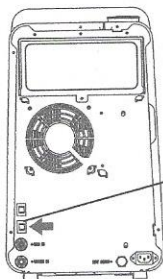
It is necessary to provide a pair of glass bottles with a capacity of at least 1.5L and container containing water and disinfectants, as well as matching healthy and hygienic pipes. Please follow the instructions and the following operating steps:

- Remove side board (see Chapter 8 Removal of Side Board).
- Remove the carbon dioxide cylinder (see Figure 19). (If external carbon dioxide cylinder is adopted, turn off the water dispenser valve)
- Start the water dispenser by pressing the master switch on the display screen (see Figure 20).
- Put a glass bottle to hold water under the faucet of the water dispenser.

Hold the cold water button ❄️ and setting ⚙️ button for 10 seconds at the same time until all the cold water indicator and soda water indicator turn ON.

Hold the water supply button 💧 at the same time, and keep outputting water for 10 seconds.

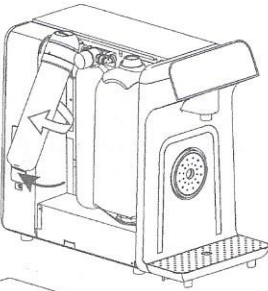
- Remove the filter (see Figure 21) and install a safe and hygienic carbon box (see Figure 22).
- Fill the drinking water into the water tank till reaching the highest water level.
- Add into two disinfectant tablets, the dosage shall be 1g (for 3 tablets, the dosage shall be 0.5g) and then wait for it to completely dissolve.






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**Note: In the case of different types of disinfectants, a dosage of 2.5L of water is required according to the instructions provided by the manufacturer.**

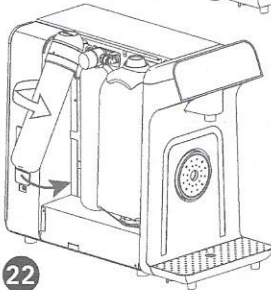
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- Install the water tank safe and sanitary connection pipe (see Figure 23), place a glass bottle under the faucet outlet (see Figure 24), ensure that the pipe is placed at the bottom of the bottle. Press the supply button .

The water dispenser starts automatic safe and sanitary disinfection, the water is output by turns every 3 minutes, and then pause, lasting for two cycles, please follow the integrity of the internal cycle until all cold water indicator  and Sparkling water indicator turn .

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- Remove the pipe for safety and hygiene.
- Empty the water in the glass bottle, and then put it back under the faucet. (In this stage, we recommend using the container tank under the faucet. Use the glass bottle only when filled with the water tank).
- Fill the water tank with drinking water till reaching the highest water level. Press the supply button .

- and fill the glass bottle and/or container (Note: the water dispenser will not stop automatically, but the user can control it).
- Empty the water in the glass bottle and put it under the faucet again
- Fill the water tank with drinking water.

Repeat this operation until the water dispenser keeps outputting water for 3 minutes.

**Note: The water supply and output time is 3 minutes, the water injection and water emptying time is not included.**

This procedure restores the water dispenser to its normal operation state and the settings connected with the water network or water tank.

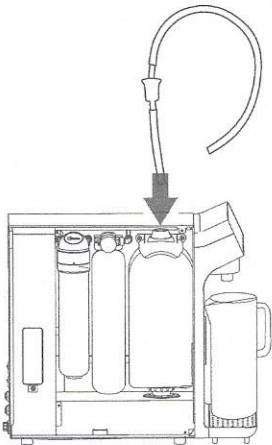
- In order to remove the carbon box safely and hygienically, install the filter and remove the carbon residue from the water and the filter

**Note: After installing the filter, 3L of normal temperature water in the water dispenser shall be discharged.**

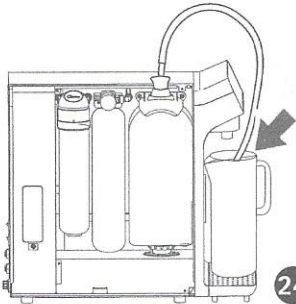
- When the water supply is set to the tap water network mode, manually discharge the remaining water in the tank.

Install the carbon dioxide cylinder (see Figure 13), turn on the supply valve when using external carbon dioxide cylinder.

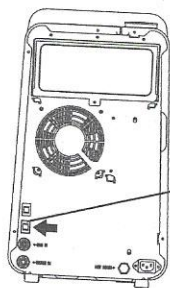
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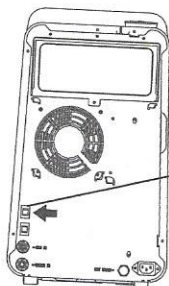
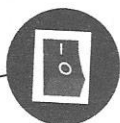
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## 20 Cleaning of Hot Water Boiler





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

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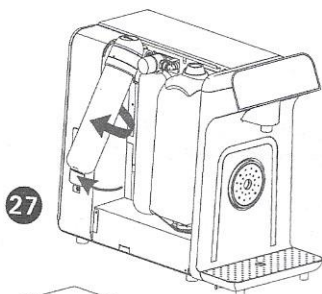


This procedure protects the boiler from damage caused by the accumulation of limestone. It is recommended to carry out once a year unless hot water is often used. Prepare two large and decalcified glass cups, such as coffee pot and kettle. Specific operation steps are as follows:

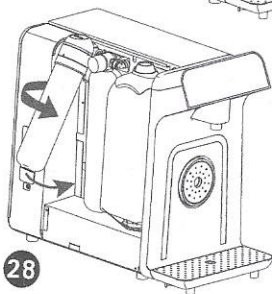
- Start the water dispenser by controlling the main switch on the operation panel (see Figure 25).
- Turn off the heating boiler switch of the water dispenser (see Figure 26).
- Hold the hot water button  and setting button  for 10 seconds at the same time until all hot water indicators flash.
- Place a glass cup under the faucet of the water dispenser.

Press the supply button  until all hot water indicator flashes.

- Replace with a safe and hygienic carbon box filters (see Figures 27 and 28).
- Fill the drinking water into the water tank till reaching the highest water level.
- Add disinfectant to the tank and wait for it to dissolve completely (dilute with 3L of water according to the manufacturer's requirements).
- Put an empty glass bottle to hold water under the faucet of the water dispenser.
- Press the supply button  to constantly output water for 20 seconds
- Empty the glass bottle and put it under the faucet again
- Press the supply button  to constantly output water for 15 seconds
- Empty the glass bottle and put it under the faucet again
- Fill the water tank with drinking water
- Press the supply button  and hold the glass bottle in your hand when it is full of water (**Note: the water dispenser will not stop automatically, but the user can control it.**)
- Empty the glass bottle and repeat the procedure till outputting water for 1 minute 20 seconds. The program will stop automatically and the indicator will stop flashing.



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After this procedure, the water dispenser will switch to the water tank mode or the pre-set tap water network mode

## 21 Treatment Suggestions



- For materials used for packaging, plastic packaging belt and foam board should be placed away from children and in the place without dangerous sources, and treated according to the local standards.
- The equipment is refrigerated free of CFC and does not contain harmful gases to human body.
- The water dispenser should be handled correctly. It should not be treated according to household garbage. It should be delivered to the appropriate electrical and electronic equipment recycling center.

It should be handled in accordance with local standards, or you may contact local government departments for advice on waste disposal regulations.

## 22 Auxiliary Maintenance



**Note:** If there isn't purchase document which can confirm the date of purchase and the sales company. Any request for assistance will not be covered by warranty.



**Note:** The dealer is not liable for damage or failure caused by user or individual during installation. Losses caused by non-compliance with operation instructions or other maintenances are not covered by the warranty.

**The accessories and maintenance instructions of the water dispenser shall be applied from the company that sells the water dispenser.**

Keep the name and address of the company delivered when purchasing the product (receipt, invoice, receipt, sales contract).

This operation is carried out before the water dispenser is sent out, and the inside and outside packing materials shall be kept so as not to bear the loss caused by transportation.

With regard to connection with tap water network, installation and maintenance of carbon dioxide cylinder, purchase of necessary parts (connector, pipe, pressure reducer, cylinder and other necessary materials not provided by the dealer) shall be purchased from the qualified personnel or franchised store. In addition, they must be purchased according to the technical specifications in the Instructions, these operations are to ensure the normal operation of the water dispenser.

## 23 Warranty



**Note: The original package should be kept. Damage caused by transportation is not covered by warranty.**

The manufacturer has the right to invalidate this warranty. If the label on the water dispenser is torn or unidentifiable after use, the manufacturer has the right not to provide warranty.

Operate our products in strict accordance with the Instructions. The warranty period of the product is 24 months from the date of purchase or the time of issuing the tax document by the seller as stipulated in the sales contract.

Please keep in mind that the sales company/or seller will not extend the warranty period according to the sales contract if the warranty period is over 24 months.

During the warranty period, the maintenance and replacement of parts due to product production defects are free of charge. If it is uncertain that the maintenance and replacement are caused by production defects, then it should be verified by authorized personnel, and the responsibility should be ascertained according to the verification results.

### **In the following circumstances, the warranty is valid:**

- Material defects or production defects of the water dispenser.
- There is no indication of damage caused by the client or by unauthorized personnel.
- Use of original accessories and spare parts.
- Non-overload use or transport damage.
- Operate periodically according to the installation, use and maintenance instructions.
- Use of the original filter within the validity period.

### **The following circumstances are not included in the warranty:**

- Loss due to transportation, incorrect use and improper installation.
- Wear and consumption of common components.
- Consumables including filter which shall be periodically replaced.
- Losses due to excessive or rough use, improper packaging, installation, operation, maintenance by unauthorized personnel.
- Losses related to electrical equipment or tap water.

Please contact the dealer for the warranty issues, the water dispenser is purchased from them. It is necessary to keep the copies of sales contract or tax document with sales dates and sales staff, otherwise, you can not enjoy the warranty services without relevant procurement document.

## 24 Micro-filter

**In order to filter the water:** our tap water is good water, live water and flowing water, we will take it every day. But it is chlorination beneficial to the health of our lives. During its transmission, impurities and sediments may remain in the water pipe, and the long-term dissolution and weathering will make the water turbid. Thanks to the microfilter so that we can improve the quality of our drinking water and restore its original purity. First, the water in the water pipe is treated with a filter, and the water from the faucet will have good transparency and taste.

**Micro-filter** is a process that eliminates all particles in the liquid that is usually between 0.5 and 10 microns in diameter. It can be thought that it has only an average of 45 microns in diameter for some people's hair.

The microfiltration process is carried out by the filter and the filter with a diameter of 0.5-10 microns. This process prevents all solids and various residues such as algae and debris, sediments, sand, rust and mineral salts in the water) but not the calcium, magnesium, sodium and so on which are required by human body. In addition, thanks to an exceptionally powerful activated carbon filter, which removes unpleasant smell and odor from water, such as chlorine and chlorinated solvents (atrazine, chlorinated solvents and pesticides), make our drinking water taste more pleasant.

Our filter can effectively treat the water in the water supply network, and can control the safety of the water, and finally, the taste of our drinking water will be better.

Carefully follow the instructions for installation and replacement in the Manual to ensure proper operation of the dispenser and normal supply of drinking water.



**Note:** The filter used in the water dispenser must always be purchased from the authorized store.

## 25 Equipment Identification

### Water dispenser

Model: JL1745T-S

Voltage: 220-240V

Frequency: 50/60Hz

Max. power: 850W

Heating power: 650W

Cooling current: 1.0A

Refrigerant: R134a /60g



Hot water capacity: 4L/h( $\geq 85^{\circ}\text{C}$ )

Cold water capacity: 3L/h( $\leq 10^{\circ}\text{C}$ )

Applicable water pressure: 0.1-0.4MPa

Serial No.:

Fluorinated greenhouse gases Information:

Refrigerant Name: R134a(CH<sub>2</sub>FCF<sub>3</sub>)

Refrigerant Weight: 0.060kg

R134a(CH<sub>2</sub>FCF<sub>3</sub>)contain HFCs with GWP of 1430

R134a(CH<sub>2</sub>FCF<sub>3</sub>)the tonne(s) of CO<sub>2</sub> equivalent(tCO<sub>2eq</sub>):0.086tons

To be considered “hermetically sealed equipment”

### CE Conformity Declaration

The equipment is suitable for the treatment of drinking water (declared on 7 February 2012)

The design of the product implements the EC conformity principle:

- Low Voltage Directive Conformity 2014/35/ EU
- EMC Directive Conformity EMC 2014/30/ EU and ERP 1275/2008 EU

All materials exposed to drinking water are subject to the directive EU 1935/2004

## 26 Troubleshooting

Problem	Reason	Measure
The water dispenser doesn't output water	Water faucet ON/OFF valve is connected to closed tap water network. Pipe connected to the tap water network is broken. Insufficient power is provided. The water tank is empty (if in tank mode) and the supply indicator flashes.	Turn on the water supply valve. Check if the pipe is damaged. Verify correct power output and/or normal operation of electrical equipment. Fill the water tank with drinking water.
When the water tank is full, the water dispenser does not supply water, and the water termination signal indicator flashes	Water feeding sensor failure.	Confirm the water tank is installed properly. Move the water tank slightly to the side to restore the sensor function, disconnect with the power supply, and wait at least 10min before restarting.
The water dispenser outputs less water	Filter is blocked. The water pressure at the inlet is too low (if it is connected to the tap water network). Pump failure (water tank mode).	Replace the filter (if connected to the tap water network, replace it with a filter for filtering impurities). Contact the water worker to check at home. Please contact the relevant personnel to resolve the problem.

Problem	Reason	Measure
Water dispenser has poor cooling performance	Rear refrigeration fan failure. Compressor failure. Excessive cold water consumed in a short time.	Make sure the water dispenser is in the right position, make sure it is ventilated all around, the rear fan is not blocked, if the problem is not solved, please contact the relevant personnel to solve the problem. Contact the relevant personnel to solve the problem. Wait for the water dispenser to refrigerate.
Leakage of water dispenser	The filter screen is not properly installed. Internal fault.	Disconnect the power supply, if it is connected to the tap network, turn off the faucet valve, then operate according to the installation instructions. Contact the relevant personnel to solve the problem.
The water dispenser doesn't output sparkling water Water dispenser outputs less sparkling water	Lack of carbon dioxide gas.  Low pressure carbonic anhydride. There is gas in carbonates.	Replace the cylinder when the carbon dioxide gas is used up, and confirm that the supply valve is turned on.  Check the status of carbon dioxide cylinder and replace it if necessary. When using external disposable cylinder to inflate, confirm that the verification pressure of the pressure reducing valve switch must be 4 Bar. When inflate with external disposable cylinder, please contact the relevant staff to provide assistance. Contact the relevant personnel to solve the problem.
Water dispenser doesn't output hot water	Heating failure.	Confirm that the heating switch is at I/ON. Clean according to the instructions. If this problem still exists, please contact relevant personnel to solve the problem.

Problem	Reason	Measure
Choose sparkling water from the faucet, but water dispenser doesn't output water, and only the gas is supplied	Pump is blocked. The water current is not straight.	Contact the relevant personnel to solve the problem. Confirm that the connection to the tap water is correct and the water tank is full.
The equipment generates noise	The compressor generates "tick" noise frequently.  Improper installation.	The ambient temperature is too high, move the water dispenser to the ventilated place. Check the side distance of the water dispenser, make sure that the water tank fan is clean, dust-free or blocked. Make sure the place to install the water dispenser is stable and suitable for supporting the weight of the water dispenser without causing vibration.
Cold water icon flashes quickly	Temperature probe failure.	Contact the relevant personnel to solve the problem.
Cold water icon and the first signal indicator flash quickly	Sparkling water temperature probe failure.	Contact the relevant personnel to solve the problem.
Cold water icon and the second signal indicator flash quickly	Pump failure.	Contact the relevant personnel to solve the problem.
Cold water icon and the third signal indicator flash quickly	Circuit failure.	Contact the relevant personnel to solve the problem.
Hot water icon flashes quickly	Boiler Heating failure.	Contact the relevant personnel to solve the problem.

The manufacturer doesn't undertake any responsibility to the modification of data and specifications in this Manual, and is not liable for notifying the users to replace it.

## 27 Technical Specifications

Product size	280x520x470mm
Packaging size	342*567*510mm
Net Weight	23kg
Gross weight	25kg
Power input	220-240V,50/60Hz
Max cooling power consumption	220-240V, 1HP 100W
Refrigerant gas	R134a
Max heating power consumption	650W
Max power consumption	850W
Supply capacity	2L/Min
Pressure of carbon dioxide cylinder	4Bar
Grade of sparkling water	5g/L
Max pressure of pump	13Bar
Noise	65dB
Cooling time	50Min(from 25°C to 6°C)
Hot water capacity	4L/h( $\geq 85^{\circ}\text{C}$ )
Cold water capacity	3L/h( $\leq 10^{\circ}\text{C}$ )
Hot water heating time	5min
Water tank capacity	2.5L
Water tank cooling capacity	1.8L
Water tank sparkling water	1.3L
Boiler heating capacity	0.5L
Carbon dioxide cylinder	600g

\*The water inlet critical value obtained through experiment is 25°C, and the water outlet critical value is 10.