Contents

Note： We reserves the right to at any time without notice make any changes / amendments / deletions and / or variations to the contents of this manual.

□. INTRODUCTION

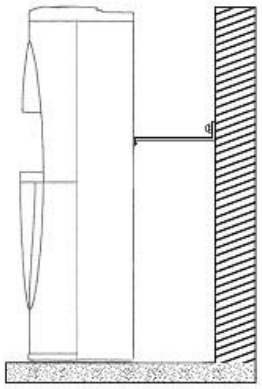
Thank you for purchasing the Atmospheric Water Generator. The Atmospheric Water Generator is a new, state-of-the-art water-generating machine, which uses some of the latest and most sophisticated technology available in the industry today. We have designed your Atmospheric Water Generator with one objective in mind i.e. to produce the maximum amount of high quality drinking water while using only a minimal amount of electricity.

□. SAFETY NOTES

1. The socket should be equipped with reliable ground protection.
2. Do not remove grounding terminal from the power cord.
3. Do not use extension plug nor extension adaptor.
4. Always keep the unit from poisonous gas and liquid.
5. Do not use damaged electrical plug or power cable.
6. Unplug power cord before maintenance.
7. Do not share the electrical socket with other high power consumption appliance.
8. Always use correct replacement parts.
9. Do not unplug power cord with wet hands.
10. Use the enclosed water pipe kits to connect with city water input to act as a water filtration unit (if desired). Do not use any old water pipelines to connect to the unit.
11. When moving the machine, please unplug the power cord and empty water in all tanks. Do not tilt the machine more than 20º during moving.

Ⅲ. PRECAUTIONS

1. Do not place the unit too close to the wall. Best performance is achieved when the unit is placed at least 30 cm from the wall.
2. This unit is not for outdoor use.
3. Avoid prolonged exposure to direct sunlight.
4. Always keep the unit working in standing position.
5. Operating voltage must not drop below 10% of standard Power supply. When the unit operates below this level, the unit becomes noisy with the possibility of overheating. When this occurs, immediately switch the unit off until the voltage returns to normal.
6. Avoid prolonged direct eye exposure to ultraviolet device as it may damage the eye.
7. Prevent children playing with the HOT knob to avoid scalding.
8. This unit is not suitable for use at places with spray water. Do not use spray water to clean the unit.
9. To prevent the machine from damage caused by freezing, please drain off the remaining water and stop operating the machine if the environment temperature during working condition falls below 0℃.
10. If there is any damage to the power cables, the cables must be repaired or replaced by an authorized person to avoid danger.
11. For the condition of operating on uneven ground, a fixer should be mounted to the unit (as pictures).
12. Do not place any object on top of the machine. Good ventilation is required to ensure optimum performance.



Ⅳ. MAINTENANCE

1. Always keep the unit clean. Wipe the outer casing with soft, damp fabric to clean. Use water to clean, avoid using harsh cleaning agent.
2. Do not use cleaning agent to clean storage tanks.
3. Clean air filters regularly to ensure proper air flow.
4. When machine not use for a longer period of time, drain out all water completely and clean all tanks. Please follow sterilization process in the user menu.

Ⅴ. HOW DOES YOUR ATMOSPHERIC WATER GENERATOR WORK?

It is important to be aware that your Atmospheric Water Generator is a humidity and temperature driven machine. This means the machine totally depends on the level of humidity in the air and the temperature to produce water. Ideally, the humidity level should be at least 35% or above to achieve the machine's optimum performance. In places with lower humidity level, the machine will still produce water but not as quickly, nor as much as in places with a higher level of humidity. In the home environment, higher levels of humidity tend to be around the kitchen area, near an open window or in more spacious rooms. This unit also performs well in an air-conditioned room, but it is recommended to open the window at night to make the room ventilated.

Because your Atmospheric Water Generator works by converting the humidity in the air to water, this unit also acts as an effective dehumidifier. In areas with high humidity, it not only acts as a good water generator, but also a perfect dehumidifier to keep you healthy and ensure your home appliance has a long service time.

To ensure continued high quality of drinking water, The Atmospheric Water Generator is utilizing multiple filtration technologies. When the air is dry or during cold season, water generation will be slow. During this time connection to the city water supply will make the machine serve as a water purifier by utilization of the filtration and sterilization system.

Ⅵ. FEATURES OF ATMOSPHERIC WATER GENERATOR.

1. Microcomputer

The unit is fitted with a microcomputer, which ensures proper working of internal parts, to regulate hot or cool water temperature setting, supervise and control the functionality of individual parts inside the unit.

2. Electronic Sensors

Various electronic sensors are attached to parts such as UV light, heating mechanism and storage tanks. These sensors ensure that all parts are working properly and warn you should a breakdown or performance irregularities occur in the machine.

3. Energy Saving Features

To conserve electricity, electronic sensors have been placed in the storage tank to automatically stop the machine from making more water when the tank is full and hot/cold water reaches the preset data.

4. Child-proof Hot Water Lock Out

The function of hot water lock out is to prevent children from scalding upon touching the water tap.

5. Water Leakage Detector

In case of any unexpected situation of water leakage, the machine can stop working automatically and accompany with warning sound and flashing screen.

6. Condensing Coils

The condenser is designed especially and with food class coating to prevent any metal pollution and improve water production efficiency.

7. Multi-Stage Filtration System

Our dedication to providing high-quality, great tasting water to our consumers is accomplished by our unique multi-stage filtration system. It can remove odor and disinfectant.

7.1. Anti-static patented air-filter:

Before air become water drop through condensation, the air must go through anti-bacterial air filter to filter out dust particles and effectively block dust in the air from entering the machine.

7.2. LF2 zeolite + active carbon filter at the bottom tank:

This device can remove organic compound, dust and large particles in the air. It can also reduce ammonia levels in the water.

7.3. Sediment filter: Remove micro particles to protect RO booster pump.

7.4. Multi stage filtration system:

Our filter system not only can produce light alkaline water with pH between 7.2-7.8 but also producing tasteful purified water with mineral which bring health to our body.

7.4.1. Pre-carbon filter

Remove organic compounds, odor, free chlorine, heavy metal, etc.

7.4.2. Post carbon filter

Further remove any color, odor, heavy metal, organic compound and chlorine, at the same time protecting the RO membrane from chlorine and thus extend the life span on the RO membrane.

7.4.3. RO membrane

To remove micro impurity, colloid, heavy metal, soluble solids, bacteria and other harmful substances.

7.4.4. TCR carbon filter

Provide elements and minerals for human body, raise pH level to light alkaline, improve taste.

The above filtration system for reference only, may change without prior notice.

8. Ultraviolet Sterilization System

The proprietary ultraviolet lamp treats the water for sterilization to ensure that all bacteria and microorganism are eliminated. Sterilization process is controlled by microcomputer automatically.

8.1. Top tank UV device: Eliminate bacteria growth in top tank, reduce bacteria level to a minimum.

8.2. Cool water out UV device: Eliminating bacteria from dispensing tubing. To ensure water is safe to drink.

8.3. Bottom tank UV device: Eliminate bacteria growth in bottom tank, reduce bacteria level to a minimum.

9. Water Recirculation

Our patented exclusive technology ensures that stored water remains fresh and clean and avoids second pollution.

10. Overheat Protector

Overheat protector offers further protection for your machine. In case of overheat in hot pot during heating process, this protector will automatically shut off heating device.

11. Novel and Noble Body

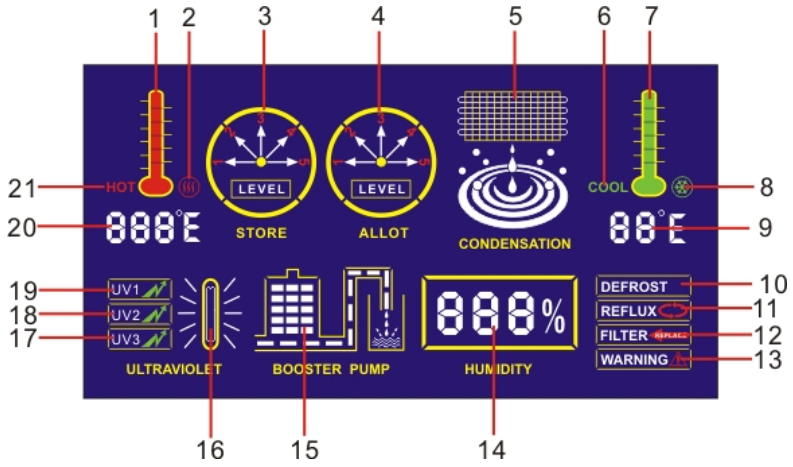
The Atmospheric Water Generator has a smaller and sleeker design compared to other Generators in the market. The unit is more compact and versatile. Advanced LCD displayer is added to make the operation, air humidity and water quality conditions more clearly and directly to understand.

Ⅶ. OPERATING YOUR ATMOSPHERIC WATER GENERATOR

By following these simple instructions and simple maintenance procedures, your Water Generator should give you years of trouble-free operation while producing the most maximum amount of pure, high-quality, drinking water that is not only healthy, but also beneficial to your health.

Please read this operation manual carefully before you start the machine. By reading and following the simple manual, you will familiarize yourself with your new water machine and all its functions, ensuring yourself of a machine constantly operating at it's optimum level.

1. LCD INDICATION



1-1. Heating Level Indication

The icon indicating heating level in hot water tank, the higher the level, the closer to the preset temperature.

1-2. Heating Icon

Heating function is activated when the icon is lit. The unit is under heating process when the icon flashes.

1-3. Water Level Indication of Bottom Tank

The higher level is displayed as the more water it contains.

1-4. Water Level indication of Top Tank

The higher level is displayed as the more water it contains.

1-5. Water Generating Icon

Icon blinks when water is generating. When icon stops blinking means water generating has stopped.

Icon flash when water generating function turns off (available on electronic faucet model only).

1-6. Cool Water Icon

1-7. Chilling Level Indication

The icon indicating cooling level in the top tank, the higher the level, the closer to the preset temperature.

1-8. Cooling Icon

Cooling function is activated when the icon is lit. The unit is under cooling process when the icon flashes.

1-9. Cool Water Temperature

Press C/F key to switch water temperature display between Centigrade and Fahrenheit.

1-10. Defrost Icon

The unit is under defrosting process when the icon flashes (There would be frost because of low temperature in some areas).

1-11. Water Recirculation Icon

Water recycling in top tank or bottom tank is undergoing when the icon flashes.

1-12. Filter Replace Warning

Normally the icon 

keeps on. When it flashes, the filters should be replaced.

1-13. Water leakage Warning Icon
System is detecting of water leakage when the icon flashes.
1-14. Humidity Indication
Display current humidity %. Hold down “COOL” button to check the current temperature on condenser.

1-15. Booster Pump Icon
The pump is working when the icon flashes.

UV Warning Icon
1-16. The icon will flash when one of the UV is at fault.
1-17. The icon will flash when the bottom tank UV is at fault.
1-18. The icon will flash when the inline UV is at fault.
1-19. The icon will flash when the top tank UV is at fault.

1-20. Hot Water Temperature
Press C/F key to switch water temperature display between Centigrade and Fahrenheit.
1-21. Hot Water Lock
When it flashes, hot water spout is unlocked.

2. SETTING UP

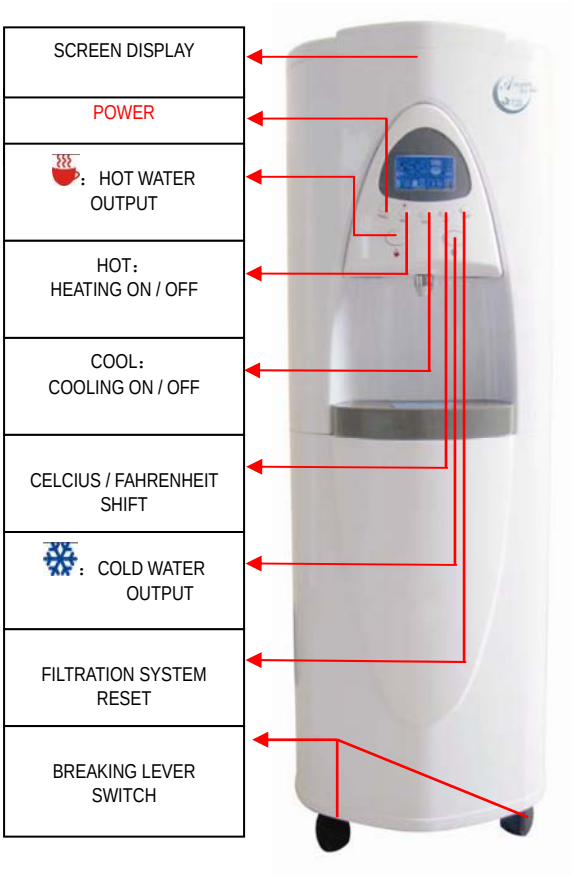
2.1. Please confirm parts in the package are of complete set. The unit should be placed on solid and level ground, and be located in place with good air circulation. The unit should be placed no less than 30 cm from the wall. Push down the lever of braking wheel to get the machine in fixed position.

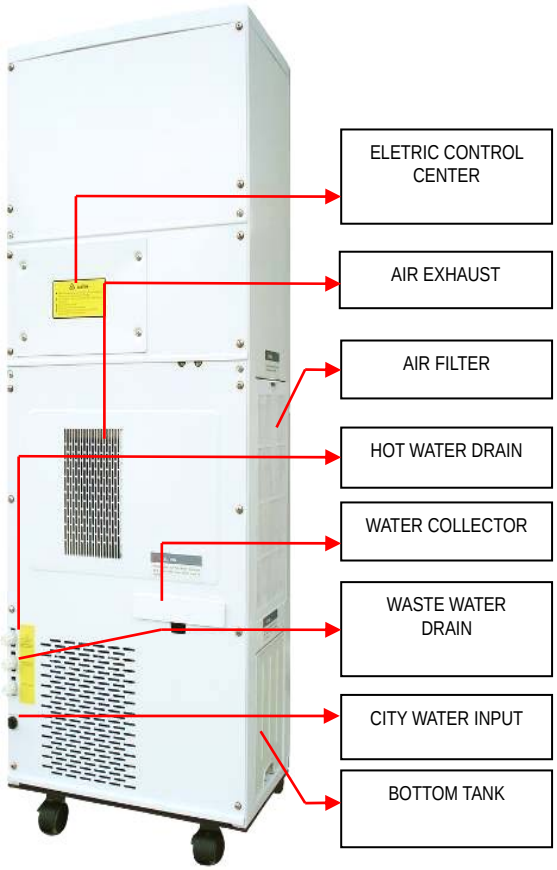
2.2. Do NOT connect it to power within the first half hour, place the machine in a standing position to make sure the refrigerant returns to the compressor. Important; upon arrival, instant plugging to power may damage the compressor.

2.3. Insert into electrical socket capable of handling no less than 10A.

2.4. For the first operation, it is recommended to fill city water into the bottom tank until top tank water level on screen indicates 3 levels. Then drain out one liter of water each by soft touching COLD FAUCET button and HOT FAUCET button. Drain off all remaining water from the back Hot Water Drain outlet.

3. OPERATIONAL STAGE





The above structure and filtration system is for reference only.

3.1. When the unit starts to operate, you should be able to hear a "beep", the light on the display screen should also be lit. The compressor will run in 2 minutes, and you will see the corresponding light on the display screen is lit. If the unit is required to be shut off, keep pressing POWER button. Press POWER again to switch it on.

3.2. Do not be alarmed when you do not obtain hot or cold water during the first few days of operation. Only when the water level in the machine reaches a correct position will the heating/cooling mechanism be triggered. (Generally, the first heating/cooling will start in ten to twenty hours during the first operation, depending on local temperature and humidity conditions.)

3.3. When there is enough water in your machine, you can press "HOT" key on the panel to switch on or off heating process. The red "  " indicator will be lit on when heating is switched on. It will turn off when the machine is not in heating process. The heating mechanism will be triggered on and the red "  " indicator will blink when water level reaches preset condition. It will turn off automatically when water is hot enough. During heating stage, press HOT button to switch off heating process.

3.4. When there is enough water in your machine, press "COOL" key on the panel to switch on or off cooling process. The green "  " indicator light will be lit on when cooling is switched on. It will turn off when the machine is not on cooling process. The cooling mechanism will be triggered on and the green "  " indicator will blink when water level reaches preset condition. It will turn off automatically when water is cool enough. During cooling stage, press COOL button to switch off cooling process.

3.5. Press C/F button to switch the temperature display between Celsius and Fahrenheit.

3.6. Generally both heating and cooling can be turned on together. When the machine is in heating and cooling process, hot and cold water temperature will remain in the preset range automatically.
Keep pressing C/F button to have the Hot water temperature display indicating the current setting. Then press HOT or COOL button to adjust the setting. Press HOT to higher the setting value, press COOL to lower the value. Hot water adjustment range: 75□~93□. To adjust cool water temperature setting, press C/F again to have the Cool water temperature display indicating the current setting. Then press HOT or COOL button to adjust the setting. Press HOT to higher the setting value, press COOL to lower the value. Cool water adjustment range: 4□~10□.

3.7. Press and hold on the "RESET" button for about 3 seconds will turn off water generating function，water generating icon will flash on the display screen. Press "RESET" one more time to restore function.

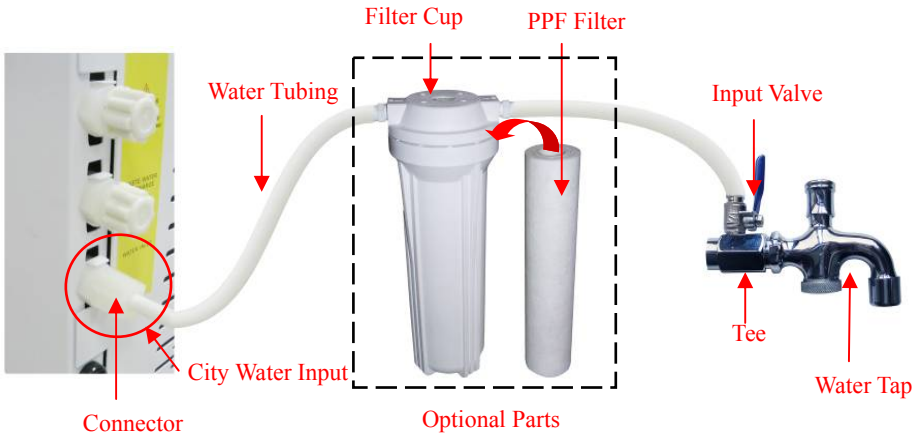
3.8. When filtration system is time for replacement, REPLACE on display will blink to remind user to clean or change filters. (Please refer to Filter Replacement for details). When cleaning or replacement is done, keep pressing RESET till REPLACE indication stops blinking. Press RESET again to turn off REPLACE indication and to reset the replacement warning time.

3.9. The system will enter defrosting status and DEFROST indication on screen will blink when the environmental temperature is too low. If it is required to check the current defrosting temperature, keep pressing COOL to show defrost temperature F## at the position of humidity level on screen.

3.10. Press ❄ button to dispense cool water. To dispense hot water, **UNLOCK THE HOT FAUCET** (keep pressing LOCK button till the HOT indication blinks and it gives beeping sound), then press ☕ button to get hot water.

3.11. Do not be alarmed when your machine turns off automatically. To conserve energy, your machine has been fitted with an electronic sensor, which automatically switches the machine off when the storage tank is full.

3.12. When the air is dry or during cold season, water generation will be slow. During this time, external connection to city water will make the machine serve as water purifier by utilization of the filtration and sterilization system. (Some parts are optional. Please contact local distributor for purchase). When power is switched on, the machine will automatically turn into operation.



3.13. For the first operation, when the top tank is full of generated water, please follow the steps in CLEANING, STERILIZATION & REPLACEMENT to eliminate the smell of new machine.

4. CLEANING AND REPLACEMENT OF FILTERS

Recommended Timing for Filter Replacement (It might be verified according to different water consumption. The timing below is based on 10 liters water consumption per day.):

① LF2 zeolite + active carbon	3-6 months（ammonia removal）
② Pre-carbon filter	3-6 months
③ Post carbon filter	6-9 months
④ RO membrane	15-24 months
⑤ TCR carbon filter	6-9 months
⑥ UV light bulb	12 months or upon UV fault warning

Note:

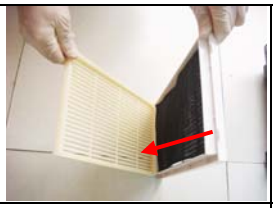
⚠ The above recommended service timing is for reference only.

⚠ After a long period of service, we recommend that you replace the filters to ensure that your unit will always produce the cleanest and purest drinking water effectively.

4.1. Cleaning

4.1.1. Cleaning of Air Filter

Please clean air filter regularly according to the air pollution situation in order to ensure proper air supply. Take off air filter from the side as shown in diagram 4.1.1-1，4.1.1-2，4.1.1-3. Rinse in clean water to remove dirt and then replace back.

			
4.1.1-1	4.1.1-2	4.1.1-3	4.1.2

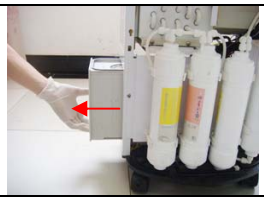
4.1.2. Cleaning of Water Collector

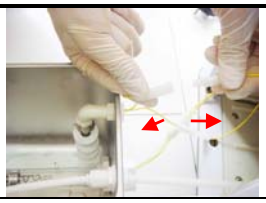
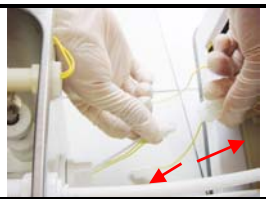
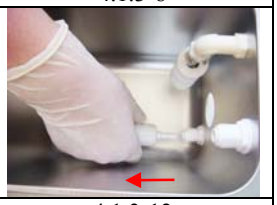
Take out water collector from the back (diagram 4.1.2). Clean and replace back to original position.

4.1.3. Cleaning of Bottom Tank

- Keep pressing POWER button until the machine enter stand by stage (diagram 4.1.3-1), unplug the power cord;
- Take out bottom tank (diagram 4.1.3-2);
- Open tank cover (diagram 4.1.3-3), remove filter cup (diagram4.1.3-4);
- Take out filter net and filter fibre (diagram4.1.3-5), rinse the cup filter with clean water (diagram4.1.3-6);
- Pull out the bottom tank level sensor PIN (diagram4.1.3-7), PIN disconnect UV light connection pin (diagram4.1.3-8);
- Disconnect the two tubes connecting to air pump (diagram 4.1.3-9), pull out outlet tube from the bottom tank (diagram 4.1.3-10);
- Unscrew UV light plastic bolts, (diagram 4.1.3-11), and take out UV light;
- Remove bottom tank mash filter and rinse with clean water (diagram 4.1.3-12), if the mash filter has been broken, replace with new one. Clean the bottom tank with clean cloth.

⚠ For the above cleaning procedure we recommended using city water supply. Install all parts when complete.

			
4.1.3-1	4.1.3-2	4.1.3-3	4.1.3-4

			
4.1.3-5	4.1.3-6	4.1.3-7	4.1.3-8
			
4.1.3-9	4.1.3-10	4.1.3-11	4.1.3-12

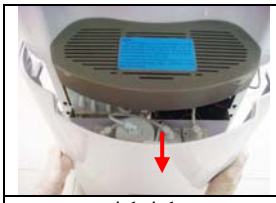
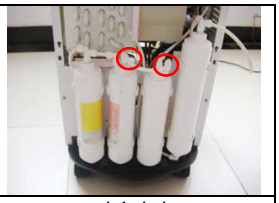
4.1.4. Cleaning of Front Filtration System

① Keep pressing POWER button until the machine enter stand by stage, remove front lower panel (diagram 4.1.4-1);

② Disconnect outlet tubing from the post-carbon filter (diagram 4.1.4-2);

③ Disconnect inlet tubing on the TCR carbon filter (diagram 4.1.4-3);

④ Using the same type of tubing and connect the outlet tubing of the post-carbon filter to the inlet tubing of the TCR carbon filter (diagram 4.1.4-4);

			
4.1.4-1	4.1.4-2	4.1.4-3	4.1.4-4

⑤ Disconnect the TCR carbon filter outlet tubing (diagram 4.1.4-5);

⑥ Use a same tube material and connect the TCR carbon filter outlet tubing to a container (diagram 4.1.4-6);

⑦ Pull out bottom tank (diagram 4.1.4-7); Remove the stainless steel mess filter cup (diagram 4.1.4-8, 4.1.4-9) and rinse with clean water (pay attention not to loose active carbon inside the filter) (diagram 4.1.4-10), put back the filter cup after cleaning and fill the bottom tank with tab water;

⑧ Turn on the machine and start cleaning the water system, pay attention to the bottom tank water level, keep filling with tap water if necessary until water is free of any odor (need to circulate about 20 liters of water). Avoid starring at the UV light directly when adding water to the bottom tank;


4.1.4-5


4.1.4-6

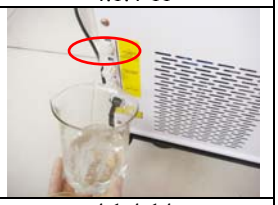

4.1.4-7


4.1.4-8

⑨ After cleaning, follow the water circulating order, reconnect and secure all tube connectors, make sure to double check for any leakage (diagram 4.1.4-11);

⑩ Put back on front panel (diagram 4.1.4-12), turn on machine, begin cleaning the RO membrane by letting the machine run itself or fill up bottom tank with city water;

Press "❄"、 **UNLOCK THE HOT FAUCET** and press"☕" to release 2 L of hot and cold water each from faucet(diagram 4.1.4-13). Turn off the unit, drain off all remaining water from hot water drain outlet at the back(diagram 4.1.4-14)

		
4.1.4-9	4.1.4-10	4.1.4-11
		
4.1.4-12	4.1.4-13	4.1.4-14

⚠ Active carbons contain mineral salt, one time rinsing may not remove all particles. Therefore, water may taste slightly salty. To improve the taste, drain out the water from the back of the machine a few times as this will improve significantly.

⚠ When the machine is brand new, the active carbon may still loosen, some carbon powder may get into the top tank, but it will not affect the machine's performance. If this happens, drain out water from the hot water outlet from the back of the machine (diagram 4.1.4-14), and clean top tank with a clean dry cloth.

4.2. Sterilization

The brand new machine should be sterilized after one week of service.

4.2.1. Sterilization solution: Prepare a 15 Liter container and mix 10 liters of clean water with 0.06 liter of sterilization liquid (30% hydrogen peroxide sterilization liquid) Formular:

$$\mathbf{0.2\%=\rho_{30\%hydrogen\ peroxide}\times V_{30\%hydrogen\ peroxide}/(\rho_{30\%\ hydrogen\ peroxide}\times V_{30\%\ hydrogen\ peroxide}+\rho_{water}\times V_{water})\times 100\%}$$

Note：ρ＝m/V

ρ—density, V—volume, m—quality

4.2.2. Keep pressing POWER button until the machine enters stand-by condition (diagram 4.2-1);
Open the top cover (diagram 4.2-2) and then open the top tank cover (diagram 4.2-3); Mix sterilization solution according to ratio and pour into the top tank (diagram 4.2-4); Check to make sure tank cover closed properly and tight;

4.2.3. Press POWER button to turn on machine, press "❄"、 UNLOCK THE HOT FAUCET and press"☕" to release 1 L of solution each from faucet (diagram 4.2-5). Shut down the unit. Drain off about 0.5L of the remaining solution from hot water drain outlet at the back (diagram 4.2-6). Keep the remaining solution soaking in the top tank for more than 2 hours (or as per instruction of the solution);

4.2.4. After the soaking period finished, turn on machine, press "❄"、UNLOCK THE HOT FAUCET and press"☕" to release 2 L of solution each from faucet. Shut down the unit. Drain all remaining solution from hot water drain outlet at the back;

4.2.5. Fill city water into the bottom tank. Turn on the unit and have it running automatically till the top tank is full of water;

4.2.6. UNLOCK THE HOT FAUCET and press"☕" to release 2 L of water each from faucet. Shut down the unit. Drain off all remaining water from hot water drain outlet at the back (diagram 4.2-6);

4.2.7. Repeat the above steps in 5 and 6 in order to clean off the remaining solution in the top tank.
We suggest this operation be repeated for best results.


4.2-1


4.2-2


4.2-3

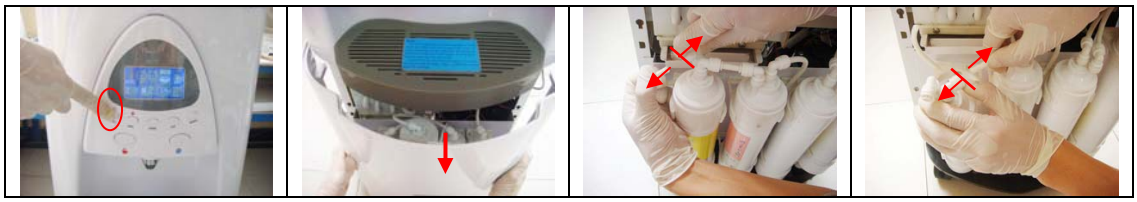
		
4.2-4	4.2-5	4.2-6

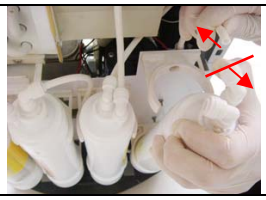
4.3. Replacement

4.3.1. Replace a Filter

- Before replacing, keep pressing POWER button until the machine enters stand-by condition (diagram 4.3.1-1); Smack on the sides with both hands at the same time to pop out the front lower panel (diagram 4.3.1-2);
- To replace the pre-carbon, post-carbon and TCR carbon filters, pull out inlet tube on both ends (diagram 4.3.1-3, 4.3.1-4) unplug fast snap connector and connect onto the new filters;
- Replace RO membrane: pull out pure water outlet tube (diagram 4.3.1-5), then pull out waste water outlet tube (diagram 4.3.1-6), and RO membrane inlet water tube (diagram 4.3.1-7), take down fast connector and plug back onto the new RO membrane;

⑤ Put back lower front panel (diagram 4.3.1-8).



4.3.1-1	4.3.1-2	4.3.1-3	4.3.1-4
			
4.3.1-5	4.3.1-6	4.3.1-7	4.3.1-8

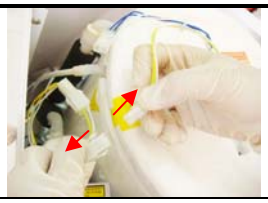
⚠ It is recommended to replace one by one in order.
⚠ When replacement is done, please clean the filtration system as per FILTRATION CLEANING.

4.3.2 Replace the Top Tank UV

After the machine has been in operation for a period of time, the UV light may break. There will be a warning beep sound and UV icon will flash, the UV light has to be replaced.

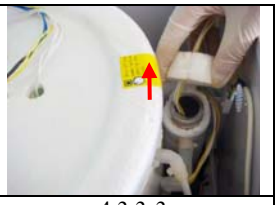
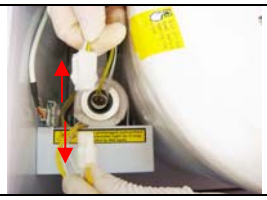
- Before replacing, keep pressing POWER button until the machine enter stand-by condition (diagram 4.3.2-1) and unplug power cord, wait for about 10 minutes to let UV light to cool off;
- Open top cover (diagram 4.3.2-2);
- Remove screws on top end (diagram 4.3.2-3);
- Disconnect UV connection pin (diagram 4.3.2-4); Pull out UV bulb (diagram 4.3.2-5); Replace with new bulb and replace back top cover (diagram 4.3.2-6).

		
4.3.2-1	4.3.2-2	4.3.2-3

		
4.3.2-4	4.3.2-5	4.3.2-6

4.3.3 Replace the Cool Water Out UV

- Before replacing, keep pressing POWER button until the machine enter stand-by condition (diagram 4.3.3-1) and unplug power cord, wait for about 10 minutes to let UV light to cool off;
- Open top cover (diagram 4.3.3-2);
- Remove foam cup of UV (diagram4.3.3-3);
- Remove black insulation cover (diagram 4.3.3-4);
- Disconnect UV connection pin (diagram 4.3.3-5); Pull out UV bulb (diagram 4.3.3-6); Replace with new bulb and replace back all parts.

		
4.3.3-1	4.3.3-2	4.3.3-3
		
4.3.3-4	4.3.3-5	4.3.3-6

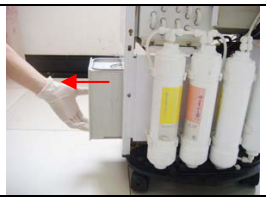
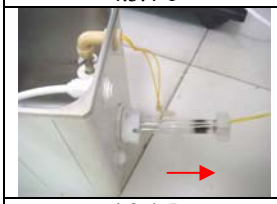
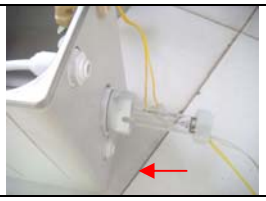
4.3.4 Replace the Bottom Tank UV

- Before replacing, keep pressing POWER button until the machine enter stand-by condition (diagram 4.3.4-1) and unplug power cord, wait for about 10 minutes to let UV light to cool off;
- Pull out bottom tank (diagram 4.3.4-2);
- PIN pull out bottom tank UV light connection pin (diagram4.3.4-3);

④ Unscrew UV light assembly plastic (diagram 4.3.4-4) and take out UV light (diagram 4.3.4-5);

- Replace new UV light glass tube (diagram 4.3.4-6); Apply silicon between the UV light cords and assembly (diagram 4.3.4-7); Wait until the silicon is dry and then replace the plastic screw plate (diagram 4.3.4-8);

⑥ Connect UV light connection pin and push back bottom tank.

			
4.3.4-1	4.3.4-2	4.3.4-3	4.3.4-4
			
4.3.4-5	4.3.4-6	4.3.4-7	4.3.4-8

5. ATTENTION

5.1. It is recommended to dispense not less than 3 liters of water every day.

5.2. If hot water is not dispensed for a long period, it is recommended to turn on heating process for more than 30 minutes once a week. UNLOCK THE HOT FAUCET and press"☕" to release 500 ml of hot water from faucet.

5.3. If the machine was not in use for 2 to 5 days, please drain out 500ml of cool water before dispensing for drinking use. If the machine is to be inactive for more than 5 days, it is recommended to drain off water in all tanks and switch off the machine in advance. For its reactivation, please run the system to produce about 5 liters of water, and drain off from the back drain outlets.

5.4. If the machine was not in use for more than 7 days or it has been in continuous operation for more than 4 months, please follow the steps in CLEANING, STERILIZATION & REPLACEMENT to sterilize the system.

⚠ Switch off the power first before draining out water from the back outlets. Must keep pressing POWER button until the machine enters stand-by condition, then drain all water out from the machine.

⚠ The above photo's are for reference only.

Ⅷ. TROUBLE SHOOTING

Problem One: The UV warning icon " 

" blinks with three short beeps.

Solution: Check the ultraviolet device in top tank to make sure the bulb is lit and all wirings are correct. If the UV is not working, replace with new bulb by following steps in REPLACEMENT.

Problem Two: The UV warning icon " 

" blinks with three short beeps.

Solution: Check the ultraviolet device at cool water outlet to make sure the bulb is lit and all wirings are correct.

If the UV is not working, replace with new bulb by following steps in REPLACEMENT.

Problem Three: The UV warning icon " 

" blinks with three short beeps.

Solution: Check the ultraviolet device at bottom tank to make sure the bulb is lit and all wirings are correct. If the UV is not working, replace with new bulb by following steps in REPLACEMENT.

Problem Four: The machine does not work even after the power cord is plugged in.

Solution: Check for proper power voltage and ensure that it is in the correct range for operation. Make sure that the connection to the wall socket is tight and secure.

Problem Five: The indicator 

on screen display is blinking with beeping.

Solution: After a long period of operation, the filter might be over dirty and will be replaced. Replace with a new filter by following steps in CLEANING, STERILIZATION & REPLACEMENT. Reset the filtration warning time by following the 7th step in section OPERATIONAL STAGE.

Problem Six: The system detected water leakage on base. The red logo  **on screen blinks and the system cannot produce water.**

Solutions:

① Immediately keep pressing POWER button until the machine enters stand-by condition, unplug power cord from electrical outlet.

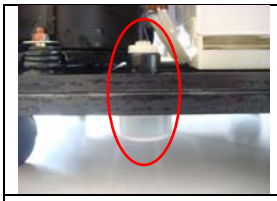
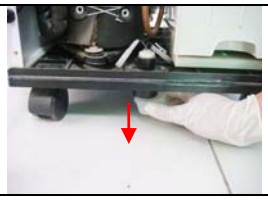
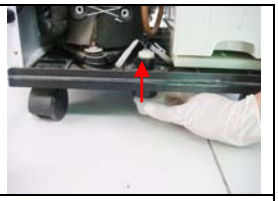
② Check all tubing of filtration system is tight and secure.

③ Check the tubing of bottom tank is tight and secure.

④ Check the draining tubing at the back is tight and secure.

⑤ Check the water collector is on correct position.

After problem is solved, remove lower panel at the back of the machine, locate leak detecting device (diagram 5-1), take out the silicon cup and clean out water inside (diagram 5-2, 5-3), put the cup back on (diagram 5-4) then turn on machine.

			
5-1	5-2	5-3	5-4

Problem Seven: Remaining water cannot be drained from the back outlets when cleaning top tank and hot tank.

Solutions: Check water stopper inside water drain outlet is removed.

Problem Eight: There is burning smell from the machine and the hot temperature indication has exceeded the preset limitation.

Solutions:

① Immediately keep pressing POWER button until the machine enter stand-by condition, unplug power cord from electrical outlet.

② Stop draining immediately if you are on draining operation from the back. Wait and continue draining until hot temperature is normal.

③ Check if the top tank cover is open, if so, press tight the top tank cover immediately.

Problem Nine: Water output from faucet is too small.

Solutions:

① Clean the filter net inside water faucet or replace with new one.

② Replace with new check valve inside water faucet.

Problem Ten: No hot or cool water output but with ambient water only.

Solutions:

① The heating function will be activated only when top tank water level on screen is above two levels.

② The cooling function will be activated only when top tank water level on screen is above three levels.

Problem Eleven: The machine makes water at a slow rate even after prolonged period of operation.

Solutions:

① Make sure the temperature level is in appropriate range.

② Check the humidity level in the room. Low humidity level results in less water production.

③ Make sure that the hot/cold water spouts are not blocked.

④ Make sure that the ingoing and outgoing air ventilation is not blocked.

⑤ Check that the distance between the machine and the wall is not too close.

⑥ Make sure that the power voltage is not too low or too high.

⑦ Make sure that the internal booster pump is working well.

⑧ Make sure that the water lines are not blocked and water flow is smooth.

⑨ Make sure that the unit is placed in good ventilation condition, and the air filter net is cleaned regularly to ensure the free air flow.

Problem Twelve: The humidity indication on screen is different from the real room humidity level.

Solutions:

① It is normal if the difference is in range of 5% more or less.

② Make sure the machine and the individual thermostat are placed in same place.

③ Make sure that the thermostat sensor is not blocked, covered or too close to the wall.

Problem Thirteen: The machine is with excessive vibration or noise.

Solutions:

① Make sure there is no object placed on top of the machine.

② Make sure that there is no water cup placed on water tray.

③ Open the front bottom panel and check if the copper tube at the side is touching the side panel. Correct the position of copper tube slightly and slowly if there is.

⚠ Once all the above procedures have been performed and your machine still does not work or does not work correctly, please do not try to perform other repair procedures yourself. Always call a qualified service technician to look at the machine and perform the repair procedures. We are not responsible for any damages incurred during self-repair and void all warranty.

Ⅸ. TECHNICAL SPECIFICATIONS

1. Dimensions

Height	111 cm
Width	40 cm
Depth	40 cm
Net Weight	41.2 kg

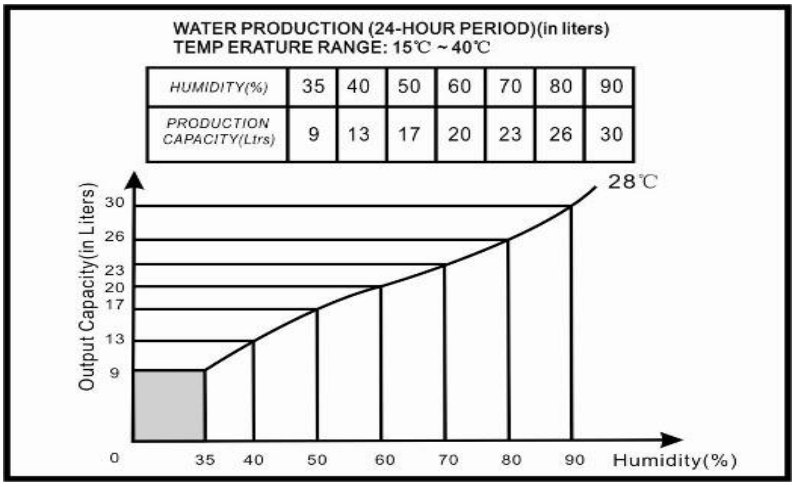
2. Power

Voltage	☐ a.c. 220-240V 50Hz ☐ a.c. 220-240V 60Hz	☐ a.c. 100-120V 50Hz ☐ a.c. 100-120V 60Hz
Power input	1000-1150W	900-1150W
Heating Wattage	500-600W	500-600W
Operation Power	450-500W	450-500W

3. Coefficient of Water Quality

Working Temperature	15℃ ~ 40℃
Working Humidity	35% ~ 95%
Water Storage Capacity	12.5 Liters
Temperature of Hot Water	75℃ ~ 93℃
Temperature of Cold Water	4℃ ~ 10℃

Atmospheric Water Production Capacity :



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