

THE ULTRA® SERIES USER MANUAL



Instruction manual for Hybrid Ultra 7 Series Systems.

Advanced Ultra Water Manufacturing and Delivery Systems

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I . INTRODUCTION

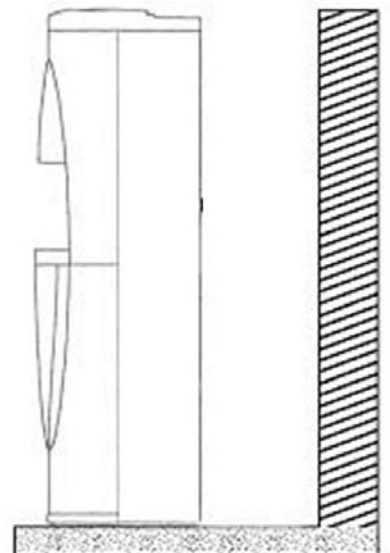
Thank you for purchasing the most technologically advanced, electronic *Water Precipitation Generator with an Ultra Pure Water delivery system*, on the planet today. This Water Precipitation Generator is the newest, state-of-the-art pure water-manufacturing machine which uses some of the newest and most sophisticated electronic technology available in the industry today. We have designed your Water Precipitation Generator to produce the maximum amount of the healthiest - highest quality Ultra Pure drinking water available with the only silver purified water on the planet, while using only a minimum amount of electricity. With an external connection to city water as an added bonus, the machine will serve as a Ultra water purifying POU dispenser with hot and cold water, and will dehumidify, clean & air condition the air besides generate Ultra pure water from the air you Breath, *More pure than Dew* ® The purest and healthiest water on the planet no exceptions!

II . SAFETY NOTES

1. The power outlet should be equipped with reliable grounded 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 outlet 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. Do not use any old water pipelines to connect unit.
11. When moving the machine, please unplug the power cord and empty water in all tanks. Do not tilt the machine more than 20° during moving.

III. PRECAUTIONS

1. Do not place the unit too close to the wall. Best performance is obtained when the unit is placed at least 20 cm. from the wall.
2. This unit is not intended for commercial or outdoor use.
3. Avoid prolonged exposure to direct sunlight on the digital display .
4. Keeps 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



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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 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 environmental temperature during its operation is below 0°C.
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.
12. Do not place any object on top of the machine. Good ventilation is required to ensure optimum performance.

IV. MAINTENANCE

ALways keep the unit clean. Wipe the outer casing with soft, damp fabric to clean. Use water to clean; avoid using harsh cleaning agent.

1. Do not use cleaning agent to clean storage tanks.
2. Clean air filters regularly to ensure proper air flow.

Always drain out the remaining water from the tanks before a period of long inactivity

Around the kitchen It is important to be aware that your Water Precipitation Generator is a humidity and temperature driven system. 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 23% or above to achieve the machine's optimum performance levels. In places with lower humidity levels to 15%, the machine will still produce water not as much nor as quickly but will still fill the tanks as in places with high levels of humidity. In the household or office environments, the higher level of humidity tends to be area, near an open window or in rooms that are more spacious.

But it is recommended to close all air-conditioning vents in an air-conditioned room, or close the heating vents and to open the window to ventilate the room to keep the humidity higher.(as air conditioning steals 45% of the humidity as does electrical and gas heating systems (gas much as 60%) in the winter. Because your Water Precipitation Generator works converting (condensing) the humidity in the ambient air to "ULTRA" pure drinking water, this unit also Cleans the air with a 5 part air filtration system, patented micro-partial and electrokinetic's to give your home the cleanest air for health and wellness that is needed. The Professor's water generation systems act as a complete very effective (almost perfect) dehumidifier in areas with high humidity. It not only acts as a great water generator, but also a perfect dehumidifier to keep your family and office workers breathing pure and healthy Air and Water more Pure than Dew®. 110% Guaranteed AquaDew®, UltraDew® coming soon to stores near you. and ensure your new home appliance has a very long service life.To ensure highest quality drinking water, our Water Precipitation Generators utilize multiple filtration and sterilization technologies, 15 stages OF PATENTED FILTRATION that is UL Listed, including 3 complete UV Sterilizer systems with patented continual reflux sterilization.

When the air is dry or during cold season, water generation will be slow. At this moment, connection to city water as a POU. R. O. pure water delivery system and will make the machine serve as a perfect water purifier by utilization of the filtration and sterilization system, 3 UV purification systems with options of SilverSterilizer. Aqua Dew filters and UltraDew water.

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VI. FEATURES OF YOUR NEW WATER PRECIPITATOR.

a. Advanced Micro-computer controlled:

The unit is fitted with an advanced micro-computer 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.

b. Electronic Sensors:

Various electronic sensors are attached to parts such as the UV lights, 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. The most advanced system on the planet

c. 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.

d. Child-proof Hot Water Lock out:

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

e. Ventura Fan: Newly-designed Ventura-type fan increases production efficiency and greatly reduces the noise during operation.

f. Water Leakage Detector:

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

g. De-vaporization condensers :

These condensers are advanced designed specially with FDA food-grade coating to prevent any metal contamination and improve the water production and taste efficiency.

h. Advanced Electro kinetic Air Filtration system:

The first filter that air passes through before being condensed and converted to water is our Advanced Electro kinetic patented and UL listed Air Filtration system effectively prevents micro particles, pollen and dust from entering the machine, as well as preventing virus, bacteria, slime, fungus growth and VOC Contaminates

i. Ultraviolet Filtering treatment systems:

The proprietary ultraviolet lamp treats the water for sterilization to ensure that all bacteria and micro-organisms are eliminated. The reflux sterilization process is controlled by a digital micro-computer automatically by 3 (three) ultraviolet lamp systems.

j. Multi-Stage Filtration System:

Our dedication to providing the highest-quality, greatest tasting water our world consumers is accomplished by our unique 15 multi faceted stages of filtration and sanitization systems.

1. LF2 Carbon Filter or Nanometer Molecular Sieve: Removes ammonia, chlorine residuals, organic compounds, soil particles, dirt, dander, pollen etc.
2. Sediment filter: Removes micro particles to protect water pump.
3. Pre-Carbon Filter I :Removes organic compounds, free chlorine, heavy metal, etc.
4. Pre-Carbon Filter II :Removes organic compounds, free chlorine, heavy metal, etc.
5. Reverse Osmosis Membrane: Removes dangerous bacteria, virus, mineral salt, heavy metal, organic compounds, etc.

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5. **Post-Carbon Silver Sterilizer:** Removes volatile organic compounds and improve water taste and smell and adds an extended shelf life to the water by adding ionic silver by killing all bacteria and viral possibilities.
6. **1.Top Tank UV Sterilization Lamp** eliminates 99.9 all bacteria levels in the top tank.
7. **2.Bottom Tank UV Sterilization Lamp** eliminates 99.9 all bacteria levels in Bottom tank.
8. **3.Water Output UV Sterilization Lamp** eliminates 99.9 % of all bacteria levels ensuring the cleanest, safest and the purest water in all unit dispensed water.
- k. **Water Recirculation:**

Our patented exclusive technology ensures that stored water remains fresh, pure and clean and avoids second-hand viral contamination and is kept sanitized.
- l. **Overheat Protector:**

Overheat protector offers further protection for your machine. In case of overheating in the water heater during the heating process, this protection will automatically shut off the heater unit.
- m. **An advanced and ultramodern very Regal Body style and many colors available:**

This Water Precipitation Generator has a Very Stable base and will not tip over as with all the other sleeker designs of other Generators on the market today. The unit is the top water producing unit on the market in 2010 and the most versatile. An advanced VFD display is added to make the operation of the unit's operating functions easy to follow, including air, humidity, water temperature and all operating systems in the unit and water quality and filter conditions.
- n. **WARRANTY INFORMATION**

Your new ULTRA SERIES Water generation systems have a one-year warranty, and 2-years on the compressor against manufacturing defects. And a lifetime limited warranty on the water generator itself, Labor, shipping is not included. To be eligible for the warranty coverage, you must fill out a warranty card. If you have not, please contact your local Consortium member to do so within 30 days or your warranty may not be valid and has an expiration of 30 day from the date of purchase. .

VII. OPERATING YOUR NEW ULTRA WATER PRECIPITATOR

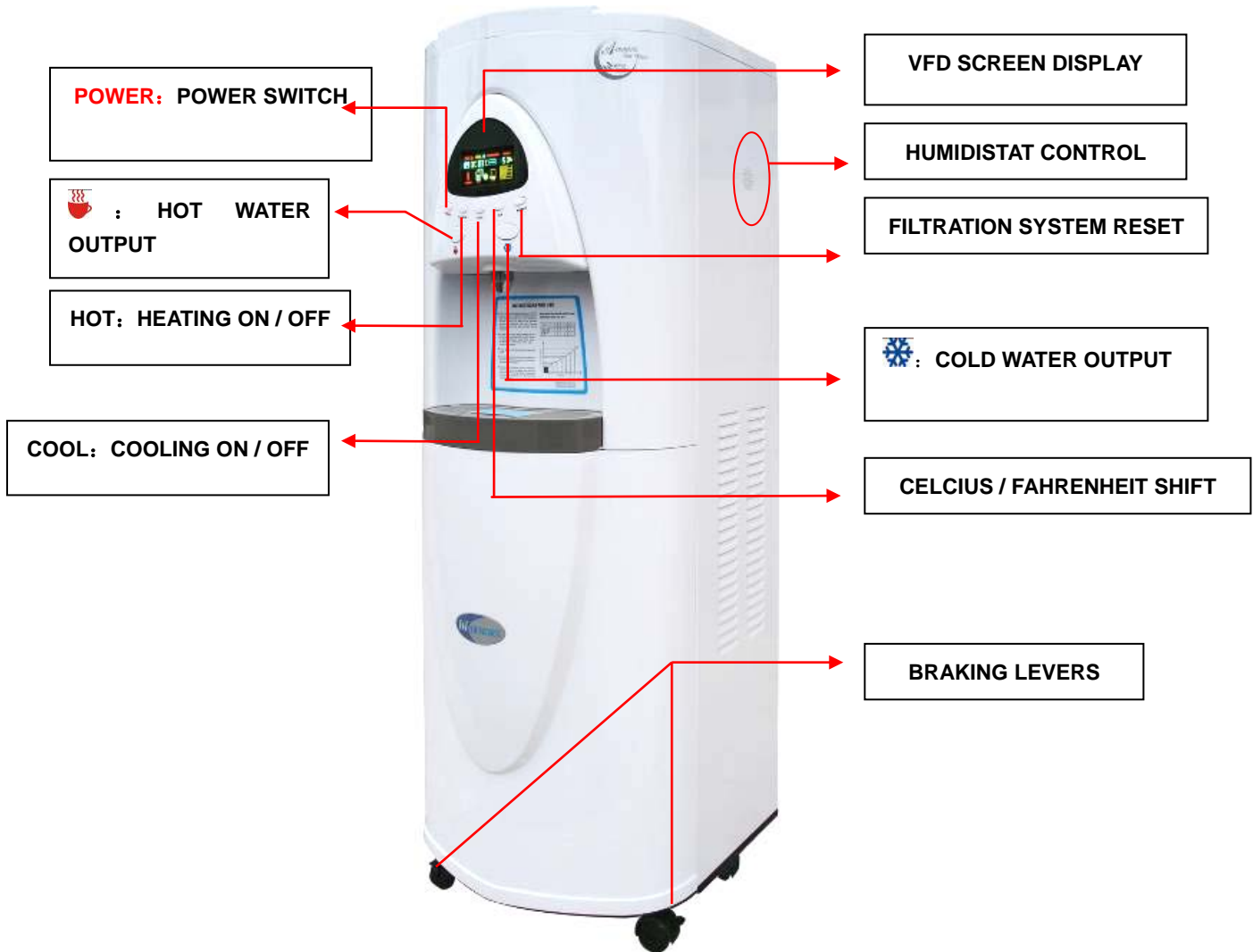
By following these simple instructions and simple maintenance procedures, your Water Generator should give you years of trouble-free operation while producing the maximum amount of pure, high-quality, drinking water that is beneficial to your health.

Please read this operation manual carefully before you start your new water generation machine. By reading and following this simple manual, you will familiarize yourself with your new water generator and all its functions, ensuring yourself of a machine, which constantly operates at its optimum level.

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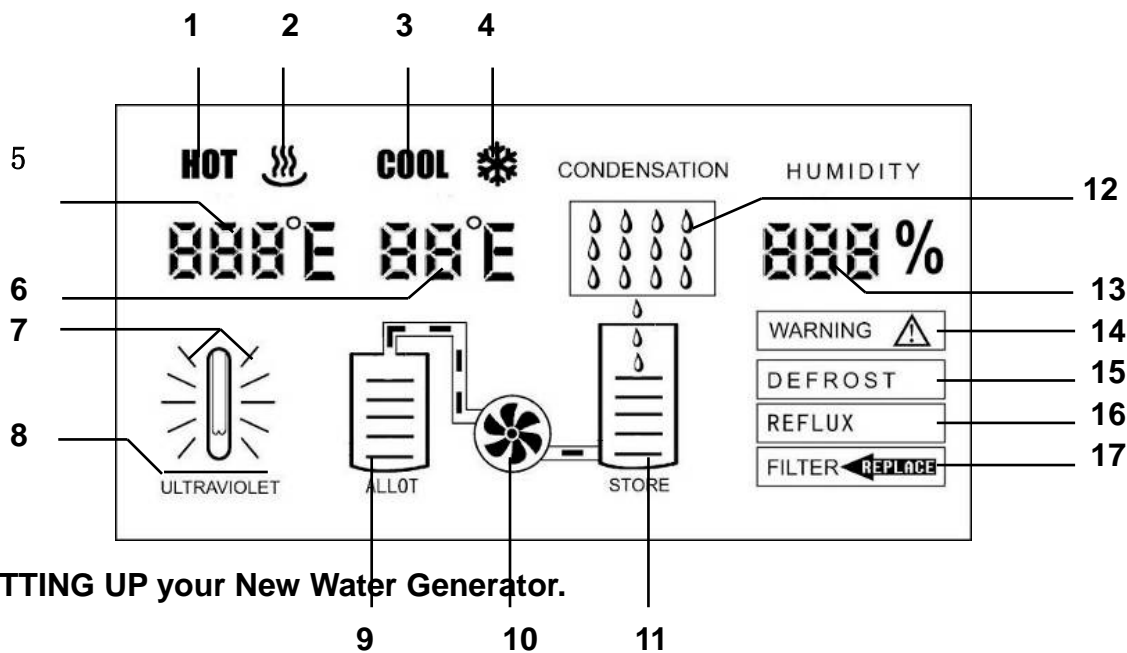
ULTRA 7 CONTROL SCREEN OPTIONS: INCLUDE DIGITAL TOUCH SCREEN CONTROLS



Please Note: All our new Ultra Water precipitation generators can automatically fill any sized external water holding tank.

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a. VFD INDICATORS OR WITH DIGITAL TOUCH SCREEN CONTROLS - ULTRA 7 D.T.S.



b. SETTING UP your New Water Generator.

| | |
|---|--|
| <p>1 . Hot Water Indication:</p> <p>When hot water lock is unlocked, this logo will flash.</p> <p>2 . Heating Icon:</p> <p>Heating function is started when the icon remains on; the unit is in heating process when the icon flashes.</p> <p>3 . Cool Water Indicator:</p> <p>4 . Cooling Icon:</p> <p>Cooling function is started when the icon remains on; the unit is in cooling process when the icon flashes.</p> <p>5 . Hot Water Temperature:</p> <p>Press C/F key on the panel to switch water temperature display between Centigrade and Fahrenheit.</p> <p>6 . Cool Water Temperature:</p> <p>Press C/F key on the panel to switch water temperature display between Centigrade and Fahrenheit</p> <p>7 . Top Tank UV Lamp Icon</p> <p>The U.V.'s are working correctly when the icon remains on; If it blinks, UV is working abnormally.</p> | <p>10 . Booster Pump Icon:</p> <p>The Pump is working when the icon flashes</p> <p>11 . Water Level Indication of Bottom Tank:</p> <p>Higher the level displays, more water is contained.</p> <p>12 . Water Generating Icon:</p> <p>The unit is generating water when the icon flashes.</p> <p>13 . Humidity:</p> <p>Display of the current humidity.</p> <p>14 . Warning Icon:</p> <p>Normal when the icon remains on; the icon will flash when water leakage is detected.</p> <p>15 . Defrost Icon:</p> <p>The unit is on defrosting process when the icon flashes (There can be frost because of low temperature in some areas).</p> <p>16 . Water Recirculation Icon:</p> <p>Water recycling is on when the icon flashes.</p> <p>17 . Filter Icon</p> <p>Normal when the icon remains on. When flashes, ←REPLACE the filter should be cleaned or replaced. Please refer to the section on CLEANING, STERILIZATION & REPLACEMENT for details.</p> |
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8 . Water Output U.V. Lamp Icon:





The U.V. is working well when the icon remains on. If it blinks, U.V. is working abnormally.

9 . Water Level indication of Top Tank

Higher the level displays, more water contains

1. Please confirm parts in the package are a complete set. The unit should be placed on solid and level ground, and be located in a place with good air circulation. The unit should be placed no less than 20 cm. from the wall. Push down the lever of the braking wheel to get the machine in fixed position.
2. **DO NOT** connect the unit to power within the first hour after your shipment arrives; let the machine remain in a standing position to make sure the refrigerant returns to the compressor. Upon arrival, instantly plugging the unit to power will damage the compressor, and **void the warranty**
3. Plug into a grounded electrical outlet with no more than a 15 Amp breaker or fuse, and no less the 10 Amp breaker or fuse
4. For the first operation, it is recommended to fill city water into the bottom tank until the top tank water level on the screen indicates 3 levels. Then, drain one liter of water each by pressing Cool and Hot buttons. Drain-off all remaining water from the back HOT Water Drain outlet. This sets the filters and removes any particles from carbon filters and is done every time a set of filters are replaced.

C. OPERATIONAL STAGE

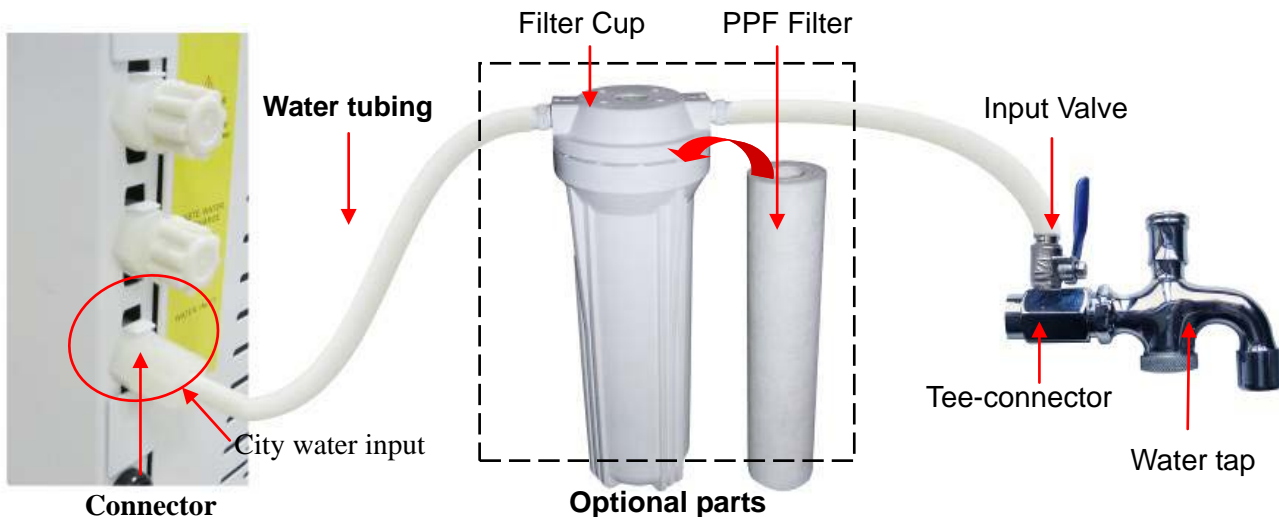
1. When the unit starts to operate, you should be able to hear a “beep.” The light on the VFD should also be lit. The compressor will run in 2 minutes, and you will see that the corresponding light on the VFD is lit. If the unit is required to be shut off, keep pressing POWER button. Press POWER again to switch it on.
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 proper 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. When there is enough water in your machine, you can press the “HOT” key on the panel to switch on or off the heating process. The red “” indicator will be lit when heating is switched on. It will turn off when the machine is not in the heating process. The heating mechanism will be triggered on and the red “” indicator will blink when the 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.
4. When there is enough water in your machine, press the “COOL” key on the panel to switch on or off the cooling process. The green “” indicator light will be lit when cooling is switched on. It will turn off when the machine is not on cooling process. The cooling mechanism will be triggered and the green “” indicator will blink when the

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water level reaches the preset condition. It will turn off automatically when water is cool enough. During the cooling stage, press the COOL button to switch off the cooling process.

5. Press C/F button to switch the temperature display between Celsius and Fahrenheit.
6. Generally, both heating and cooling can be turned on together. When the machine is in heating and cooling process, the hot and cold water temperature will remain in the preset range automatically. Keep pressing C/F button to have the Hot water temperature display indicate the current setting. Then press the HOT or COOL button to adjust the setting. Press HOT to raise the setting value; press COOL to lower the value. Hot water adjustment range: 75°C~93°C. To adjust the cool water temperature setting, press C/F again to have the Cool water temperature display indicate the current setting. Then, press the HOT or COOL button to adjust the setting. Press HOT to raise the setting value; press COOL to lower the value. Cool water adjustment range: 4°C~10°C.
7. When the filtration system is ready for replacement, REPLACE on display will blink to remind the user to clean or change filters (Please refer to Filter Replacement for details). When cleaning or replacement is done, keep pressing RESET till REPLACE indicator stops blinking. Press RESET again to turn off REPLACE indicator and to reset the replacement warning time.
8. The system will enter defrosting status and the DEFROST indicator on the 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 the screen.
9. Press ❄️ button to dispense cool water. To dispense hot water, keep pressing LOCK button till the HOT indicator blinks and makes a beeping sound; then press 🍵 button to get hot water.
10. 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. AND CAN NOW FILL AN EXTERNAL TANK full
11. When the air is dry, or during cold season, water generation will be slow. At this point, external connection to city water will make the machine serve as a water purifier by utilization of the filtration and sterilization system (Some parts are optional. Please contact the local distributor for purchase). When switched on all is automatic

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12. 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.

d. CLEANING AND REPLACEMENT OF FILTERS

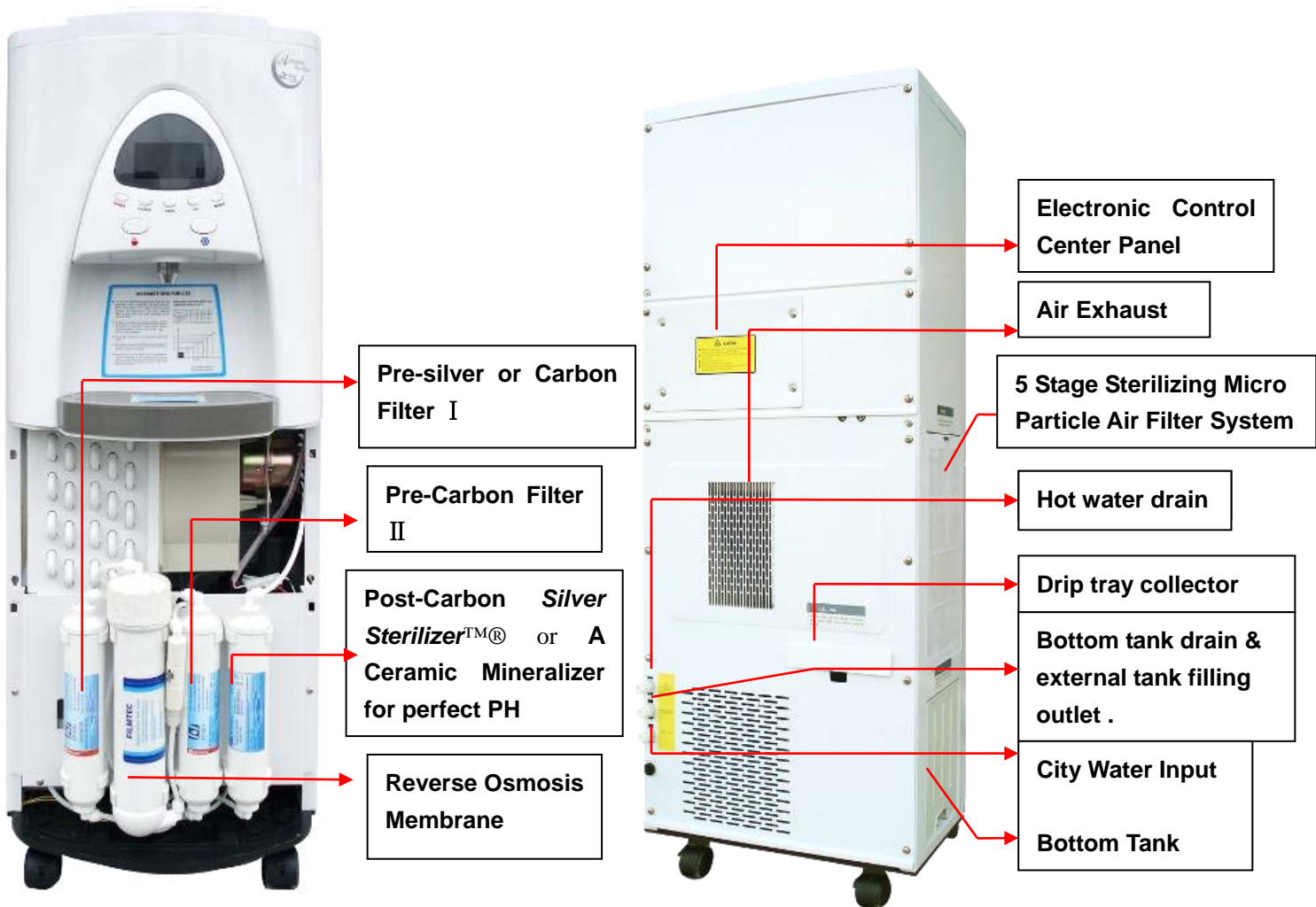
Recommended Timing for Filter Replacement will vary according to your water consumption. (The timing below is based on 8 liters of water consumption per day):

| | | |
|---|--|---|
| 1) EF2 Carbon Filter EF2-F002 or (Two) Nanometer Molecular Sieves NF-N001 | 24 6 To12 | months or by unit filter light months clean or replace |
| 2) Pre-Carbon Filter 1 EF-F001 | 24 | months or by unit filter light |
| 3) Pre-Carbon Filter 3 EF-F003 | 24 | months or by unit filter light |
| 4) Reverse Osmosis Membrane RO-001 | 24 to 36 | months or by unit filter light |
| 5) Post-Carbon Filter EF-F004, WBSF-05 | 24 | months or by unit filter light |
| 6) UV bulbs (two) EL-E005-UV | 24 months or upon UV fault warning lite | |

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Note:

1. The above recommended service timing is for reference only.
2. After a long period of service 24 to 36 months, we recommend that you replace **ALL** the filters to ensure that your unit will always produce the cleanest and purest drinking water effectively.



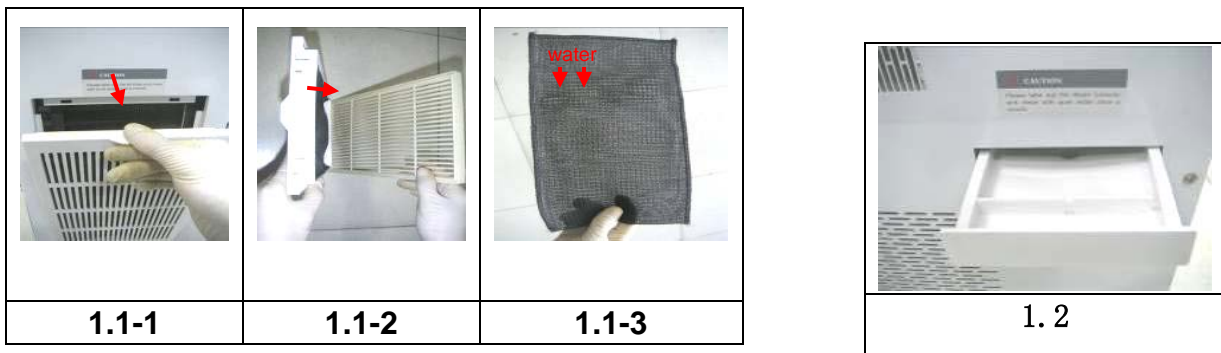
● The above structure and filtration system is for reference only, custom units differ also custom Sparkling Silver, Mineral or Soda water customizations also available with a flip of a switch (No external tanks needed).

1. Cleaning:

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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 picture 1.1-1, 1.1-2, 1.1-3. Rinse in clean water to remove dirt and then replace.

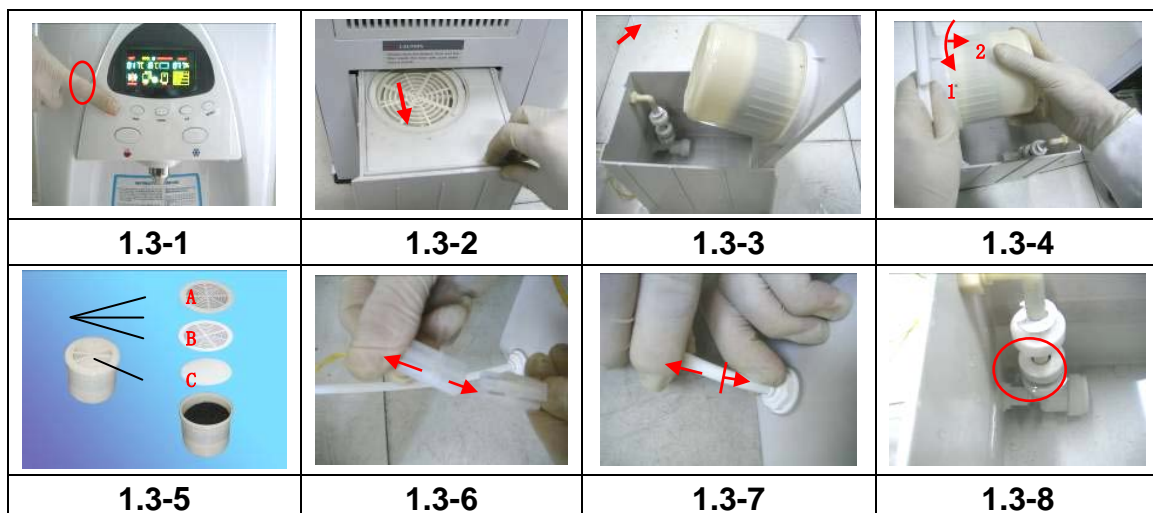


1.2 Cleaning of the water collector:

Remove water collector from the back. Clean and return to original position. ↓

1.3 Cleaning the bottom of the tank:

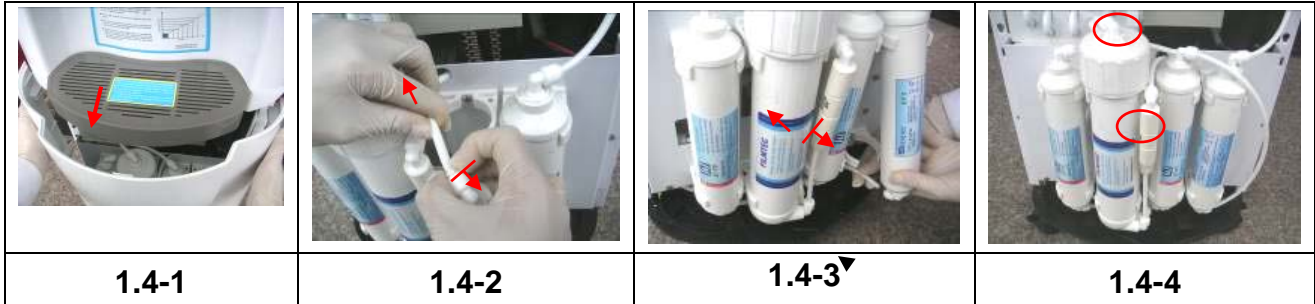
- Keep pressing POWER to switch off the power as shown in Picture 1.3-1; unplug the power cord;
- Remove bottom tank (Picture 1.3-2);
- Open tank cover (picture1.3-3) ; remove filter cup (picture1.3-4);
- Remove filter net (A) , filter bracket (B) , and filter fiber (C) . Rinse the cup filter with clean water (D); (Picture 1.3-5) ;
- Disconnect the pin of bottom water sensor (picutre1.3-6) ; pull out water outlet tubing (picture 1.3-7); (Note: In case quick coupler is used for the connection, please press the front retainer ring inward and pull out.);
- Remove small outlet filter and rinse with clean water (picture 1.3-8) . Check to ensure the filter net is in good condition; otherwise, replace with new one. Wipe off the dirt on the tank walls.
- Put back in place all parts.



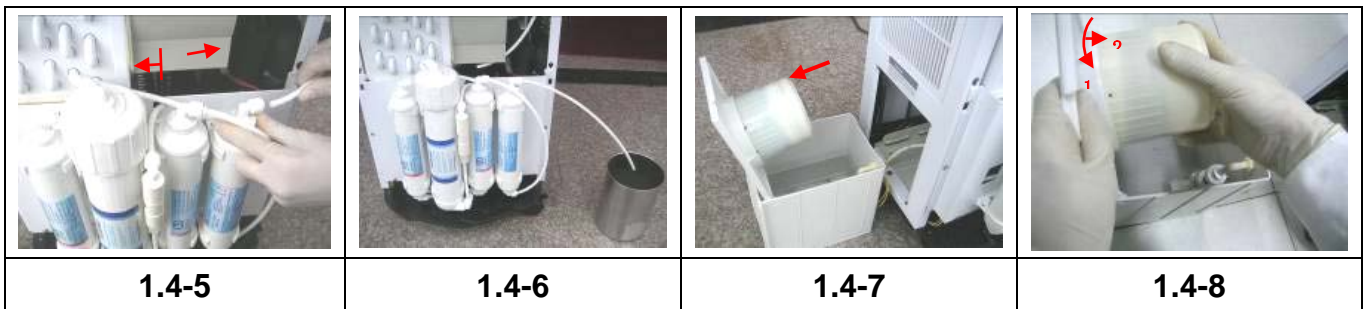
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1.4 Cleaning of Front filtration system:

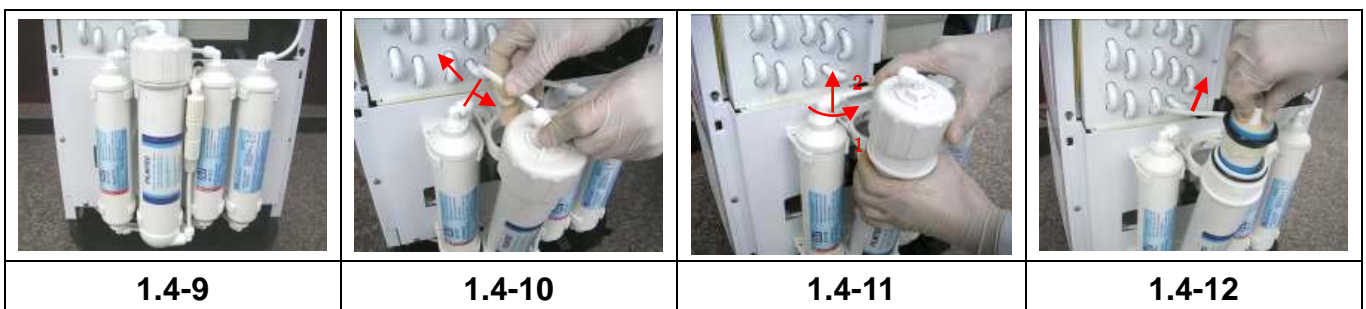
- a. Keep pressing **POWER** to switch off power. Open front bottom cover (picture 1.4-1);
- b. Pull out water outlet tubing from the outlet connector of 2nd stage filter; (picture 1.4-2)
- c. Pull out water inlet tubing from the inlet connector of 3rd stage filter; (picture 1.4-3)
- d. Connect the outlet of the 2nd stage filter to the inlet of the 3rd stage filter with the tubing; (picture 1.4-4)



- e. Pull out outlet tubing from the outlet of 3rd stage filter; (picture 1.4-5)
- f. Connect the outlet of the 3rd stage filter to a water tank with tubing; (picture 1.4-6)
- g. Pull out bottom tank (picture 1.4-7), remove filter cup (picture 1.4-8), and rinse the filter cup with clean water. Replace the cup. Fill the bottom tank with city water;
- h. Switch on power and start cleaning the filtration system. Keep checking the water level of the bottom tank and fill with water until clean water comes out;



- i. Replace all the parts to original positions (picture 1.4-9) making sure all connections are tight to prevent leakage;
- j. Disconnect the tubing from the RO inlet (picture 1.4-10) ;
- k. Remove RO cover (picture 1.4-11) ;
- l. Insert RO membrane into the cartridge (picture 1.4-12) . Pay attention to the inserted directions.



- m. Press the membrane to the end (picture 1.4-13);
- n. Replace the cover and tubing (picture 1.4-14) ;
- o. Replace the front panel (picture 1.4-15) . Switch on the unit and start cleaning the RO

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membrane by automatic running or by filling city water into the bottom tank until the top tank is full of water;

p. Press “❄️” and keep pressing **HOT to unlock and press “🔥”** to release 2 L of hot and cold water each from faucet. Turn off the unit and drain all remaining water from the hot water drain outlet at the back (picture 1.4-16) ;



2. Sterilization:

The brand new machine may be sterilized after one week of service at your option.

2.1 Prepare sterilization solution: Prepare 10 liters of sterilization solution (special solution for water dispenser). Recommended to use hydrogen peroxide solution;

2.2 Keep pressing POWER to shut down the unit (picture 2.1) ; open top cover (picture 2.2) ,fill the solution into the top tank (picture 2.4); replace the top tank cover and make sure it's tight. Replace back top cover;

2.3 Turn on the unit. Press “❄️” and keep pressing **HOT to unlock and press “🔥”** to release 1 L of solution each from faucet (picture 2.5) . Shut down the unit. Drain off about 0.5L of the remaining solution from the hot water drain outlet at the back. Keep the remaining solution soaking in the top tank for more than 2 hours (or as per instruction of the solution);

2.4 Run the unit. Press “❄️” and keep pressing **HOT to unlock and press “🔥”** to release 2 L of solution each from faucet. Shut down the unit. Drain all the remaining solution from the hot water drain outlet at the back.

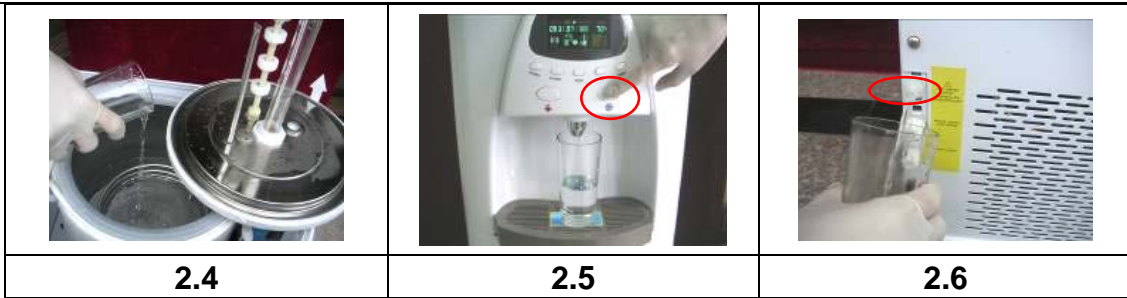
2.5 Fill city water into the bottom tank. Turn on the unit and have it running automatically until the top tank is full of water.

2.6 Keep pressing **HOT to unlock and press “🔥”** to release 2 L of water each from the faucet. Shut down the unit. Drain off all remaining water from the hot water drain outlet at the back (picture 2.6);

2.7 Repeat the above steps in 2.5 and 2.6 in order to clean the remaining solution from the top tank. It is suggested to perform the same operation twice.



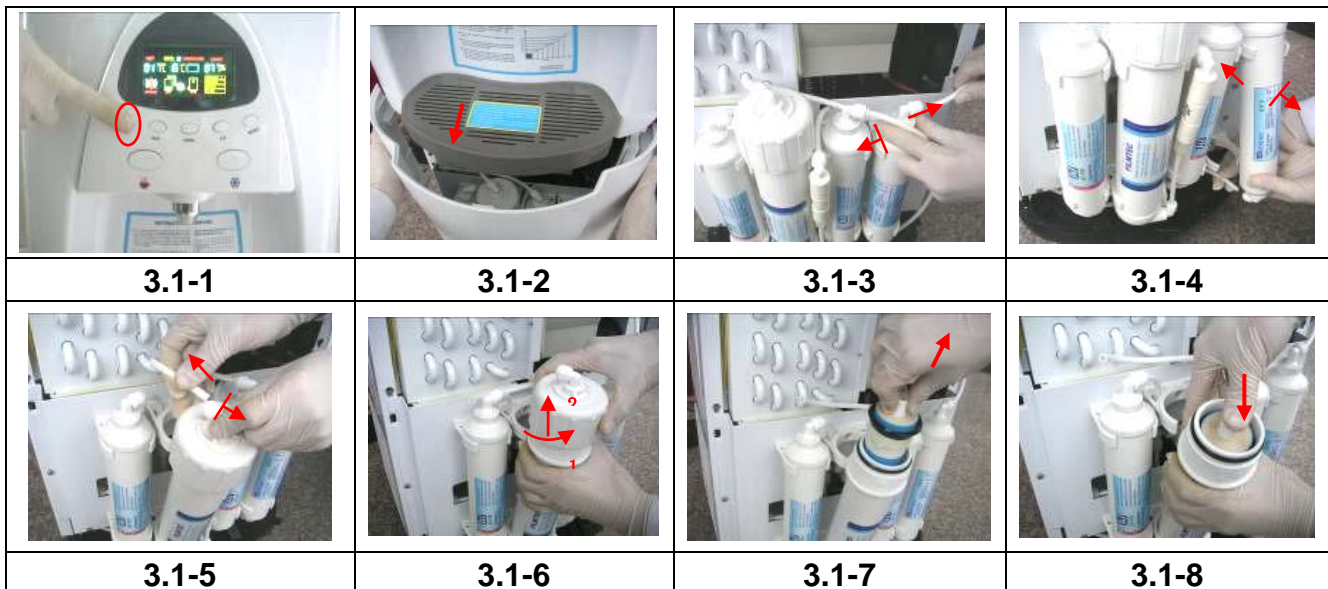
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3. Replacement:

3.1 Replacing a filter:

- a. Keep pressing **POWER** to shut down the unit (picture 3.1-1); remove the front panel with both hands from the bottom (picture 3.1-2) ;
- b. Replace the carbon filter by pulling out tubing at both ends (picture 3.1-3, 3.1-4) ;
- c. Replace RO membrane by pulling out tubing, removing cartridge cover, removing the membrane and replacing with new one (picture 3.1-5, 3.1-6, 3.1-7, 3.1-8);
- d. Replace front panel.



Note: 1. We recommend you replace each filter one by one in order.

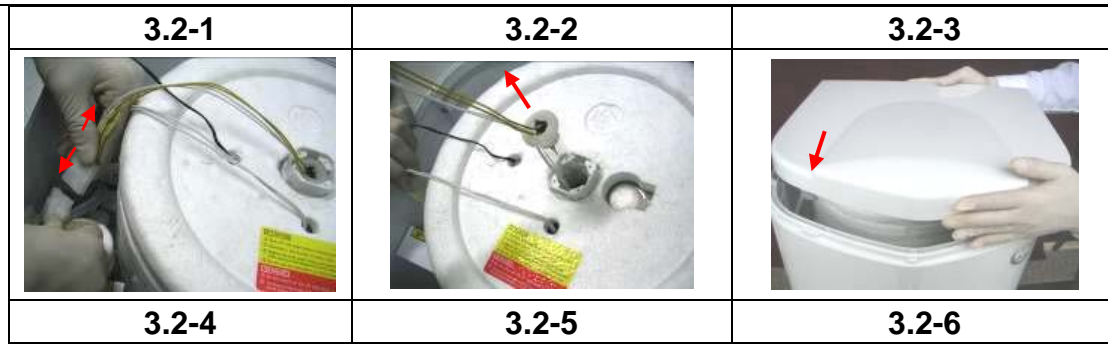
2. When replacement is done, please clean the filtration system as per FILTRATION CLEANING.

3.2 Replace the top U.V.:

- a. Switch off the unit and unplug power cable from the electrical outlet before replacement (Picture 3.2-1);
- b. Open top cover (picture 3.2-2);
- c. Remove screws on top end (picture 3.2-3);
- e. Disconnect U.V. connection pin (picture 3.2-4) and pull out U.V. bulb (picture 3.2-5);
- f. Replace with new bulb and replace top cover (picture 3.2-6);

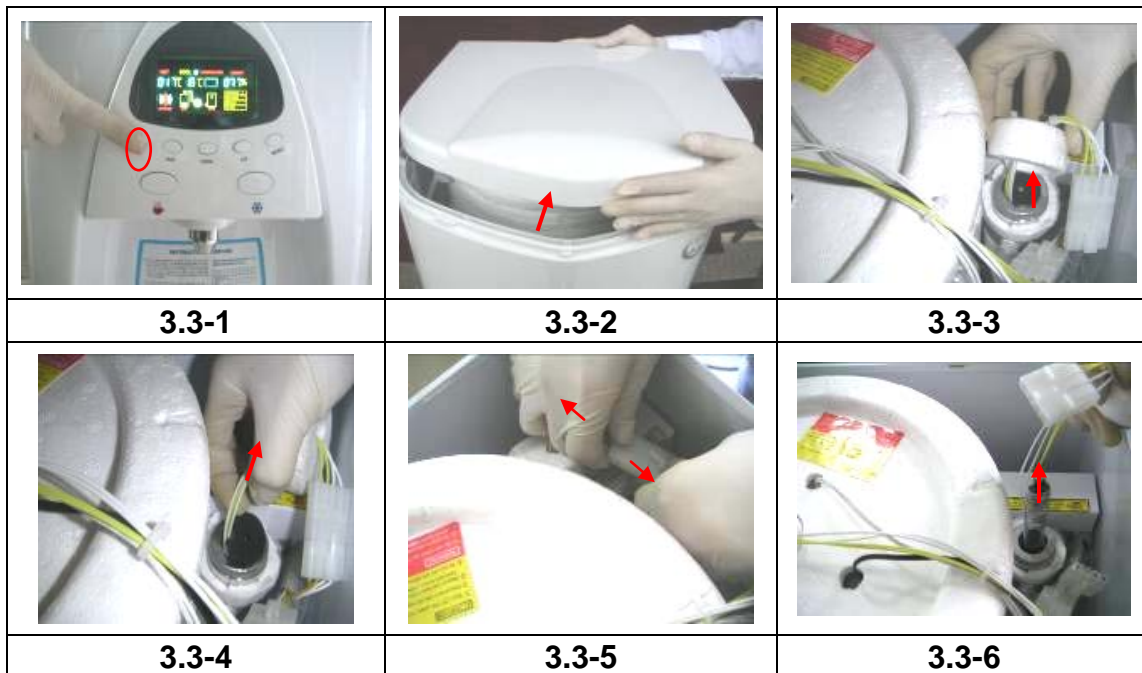


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3.3. Replace the cool water out U.V.:

- a. Switch off the unit and unplug the power cable from the socket before replacing (picture 3.3-1);
- b. Open top cover (picture 3.3-2);
- c. Remove foam cup of U.V. (picture 3.3-3);
- d. Remove black insulation cover (picture 3.3-4);
- e. Disconnect UV electrical connection pin (picture 3.3-5). Pull out U.V. bulb (picture 3.3-6). Replace with new bulb and replace all parts.



4. **Attention:** It is recommended to dispense not less than 3 liters of water every day.
- 4.2. If hot water is not dispensed for a long period, it is recommended to turn on the heating process for more than 30 minutes once a week. Keep pressing the **HOT button to unlock and press “☕”** to release 500 ml of hot water from faucet.
- 4.3. 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 water in all tanks and switch off the machine in advance. For reactivation, please run the system to produce about 5 liters of water, and drain off from the back drain outlets.
- 4.4. 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.
- 4.5. Switch off the power first before draining water from the back outlets.

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VIII. TROUBLE SHOOTING

Problem: The U.V. WARNING light  blinks with three short beeps.

Solution: Check the ultraviolet device in the top tank to make sure the bulb is on and all wirings are correct. If the U.V. is not working, replace with new bulb by following the steps in CLEANING, STERILIZATION & REPLACEMENT.

Problem: The whole U.V. WARNING logo  blinks and makes three short beeps.


Solution: Check the ultraviolet device at the cool water output to make sure the bulb is on and all wirings are correct. If the U.V. is not working, replace with new bulb by following the steps in CLEANING, STERILIZATION & REPLACEMENT.

Problem: 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 outlet is tight, secure & grounded.

Problem: the indicator  "REPLACE" on VFD display is blinking with beeping.

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

Problem: LEAKS The system detected water leakage on base. The red logo  on the screen blinks and the system cannot produce water the system may power down or shut off.

Solutions: Keep pressing the POWER button and unplug the power cord.

- Check that all the tubing on the filtration system. All fittings are 2 wrench tight and tubing is quick connect push in secure fittings.
- Check that the tubing to the bottom tank is tight and secure.
- Check that the drain tubing at the back is tight and secure.
- Check that the water collector is in the correct position.

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

Solutions: Check water stopper inside the water drain outlet and be sure it is removed.

Problem: There is a burning smell from the machine and meanwhile the hot temperature indicator has exceeded the preset.

Solutions: Keep pressing the POWER button and immediately unplug the power cord.

- Stop draining immediately if you are on the draining operation from the back. Wait to continue draining until hot water temperature is normal.

Problem: Water output from faucet is too small.

Solutions: Clean the filter net inside the water faucet or replace with new one,

- Replace with new check valve inside water faucet.

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

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

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

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

Solutions: Make sure the temperature level is in the appropriate range;

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- Check the humidity level. A low humidity level results in less water production;
- Make sure that the hot/cold water spouts are not blocked;
- Make sure that the ingoing and outgoing air ventilation is not blocked;
- Check that the distance between the machine and the wall is not too close;
- Make sure that the power voltage is not too low or too high;
- Make sure that the internal booster pump is working well;
- Make sure that the water lines are not blocked and water flow is smooth;
- Make sure that the unit is placed with good ventilation, and the air filter net is cleaned regularly to ensure free air flow;

Problem: Humidity indicator on the screen is different from the real room humidity level.

- It is normal if the difference is in the range of 5% more or less.
- Make sure that the humidistat sensor is not blocked, covered or too close to the wall.

Problem: The machine is making excessive vibration or noise.

- Make sure there is no object placed on top of the machine.
- Make sure that there is no water cup placed on the water tray.
- Open the front bottom panel and check to be sure the copper tube on the inside of the unit is not touching the side panel. Correct the position of the copper tube slightly and slowly if it 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 any repair procedures yourself. Always call a qualified service technician or your local Consortium member to look at the machine and or perform the repair procedures. We are not responsible for any damages incurred during self-reparation. **This voids the warranty.**

IX. TECHNICAL SPECIFICATIONS

a. Dimensions

Ultra7 series

| | |
|------------|---------|
| Height | 111 cm |
| Width | 40.5 cm |
| Depth | 54 cm |
| Net Weight | 48.5 kg |

b. Power supply max. 15 Amp input. GLOBAL power supplies and plugs available for International use.

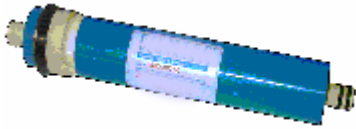





| | | |
|--------------------|--------------------|----------------|
| Voltages available | a.c. 220-240V 50Hz | a.c. 120V 50Hz |
| | a.c. 220-240V 60Hz | a.c. 120V 60Hz |
| Power input | 990W-1100W | 970W |
| Heating Wattage | 500-600W | 500W |
| Operation Power | 450-500W | 430-460W |

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c. Water Production of over 10 gallons a day

Working Temperature From 37 ° F. or 2.8 ° C. 101 ° F. or 38.3 ° C.
Working Humidity From 22% TO 100% Relative Humidity, without an Evaporizer.
Water Storage Capacity 20 Liters all Stainless Steel Tanks & Tubes FULL
Cold Water Temperatures 2° C. or 35° F. ~ 9° C or 48° F.
UltraPure® Sanitized Water production at Sea Level Can produce over 10 gallons a day, with optimized Environmental conditions (Barometric, Humidity and Temperature)

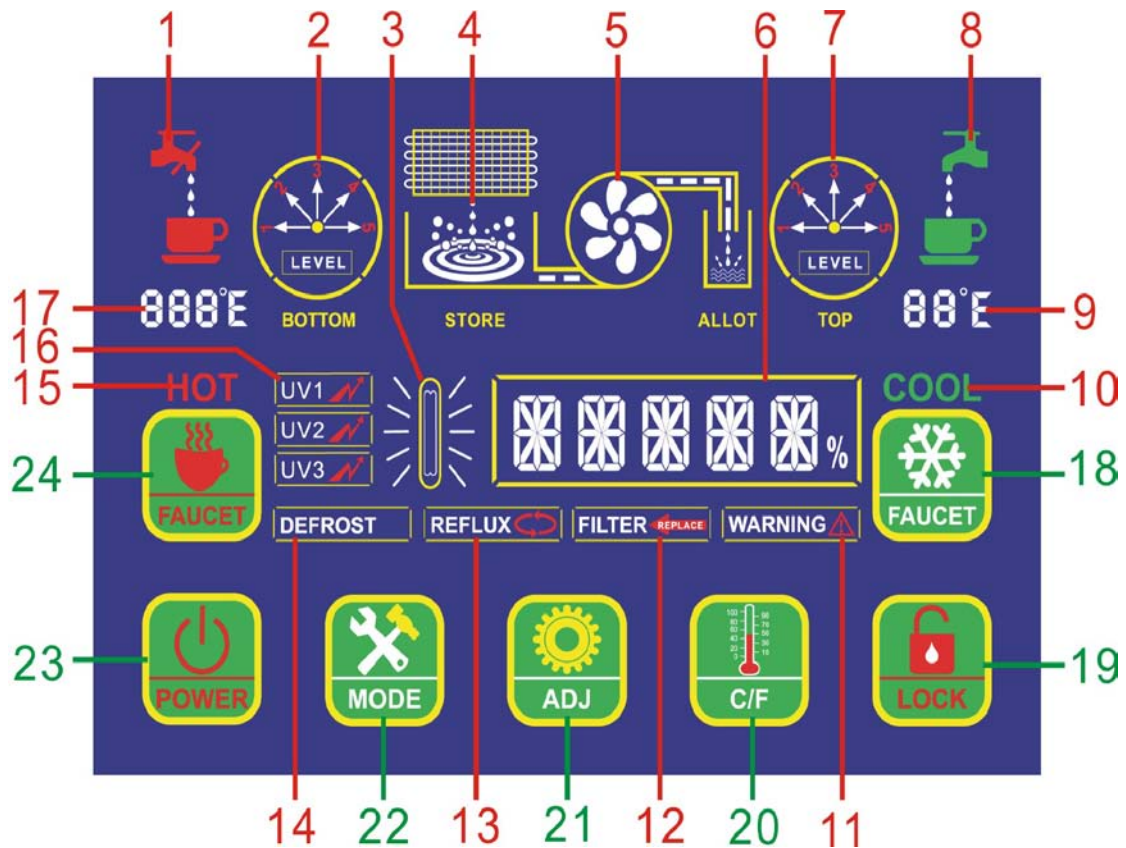
FILTER LIST FOR THE ULTRA SERIES WATER PRECIPITATORS


| NO. | PICTURE | MODEL | PART NAME | U. PRICE (USD) |
|-----|---|---------------|--|-------------------------------------|
| |  1. | EF-F001 | REVERSE OSMOSIS MEMBRANE | <100pcs@25.00 <1pc@\$25.90 |
| |  2. | EF-F002 | EF1 FILTER | <150pcs@\$5.30 150-500pcs@\$5.10 |
| |  3. | EF-F003 | EF2 FILTER | <150pcs@\$5.30 150-500pcs@\$5.10 |
| |  4. | EF-F004 | EF3 FILTER | <150pcs@\$5.30 150-500pcs@\$5.10 |
| |  5. | WB SF-5 | SILVER STERILIZER® CARBON FILTER | 1 PC @ \$9.95 25 - 100@ \$8.50 |
| |  5. | FL-F0037-DOWN | CARBON FILTER ON THE TOP OF THE BOTTOM S.S. HOLDING TANK | <100pcs@\$7.20> |
| | 6. | FL-P022-AIR | AIR FILTER FABRIC | <100pcs@\$5.80 |
| | 7. | NF-M001 | 2 NANOMETER FILTRATION NET (FAUCET) | <100pcs@\$2.20 |



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| | | | |
|--|---|---|---|
|  <p>8.</p> | <p>EL-E005-UV</p> | <p>PHILIPS ULTRA VIOLET LAMP</p> | <p><100pcs@\$18.80</p> |
| <p>9.</p> | <p>WB 4S Air Filter</p> | <p>PATENTED MULTI STAGE UL LISTED</p> | <p><100pcs@\$8.79</p> |
|  <p>10</p> | <p>☐ EL-UV04-001</p> <p>☐ EL-UV11-001</p> | <p>PHILIPS ULTRAVIOLET LAMP (CONSISTING OF UV LAMP, QUARTZ GLASS TUBE AND SOCKET)</p> | <p><100pcs@\$16.59</p> <p><100pcs@\$17.65</p> |

















DIGITAL TOUCH SCREEN CONTROL PANEL INSTRUCTIONS


















1. Hot water dispensing indication: when “” icon flash, it means the tap is unlock; continue light

Touching “” icon, “” water dropping icon motion flashing means hot water is dispensing.

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2. Bottom tank water level indication: the arrow indicates water level , pointing at 1 means the tank is empty, number increases as water level rises, 5 means the tank is full.
 3. UV warning indicator: UV light is working well when icon keeps on. If it blinks, UV light is not functioning.
 4. Water generating indicator: When “” icon shows motion, the machine is generating water. When icon lights on without motion, generating stops. If the icon blinks, it means the water generating function has been shut off manually.
 5. Booster bump icon indicator: The bump is working when the icon flashes.
 6. Humidity indicator: Under normal operation, it indicates humidity level. During settings, it indicates adjusting value.
 7. Top tank water level indicator: the arrow indicates water level , pointing at 1 means the tank is empty, number increases as water level rises, 5 means the tank is full.
 8. Cold water dispensing indication: light
8. Touching on the “” icon, “” water dropping icon motion flashing means cold water is dispensing. Cold water temperature indicator: indicate cold water temperature.
 9. Cooling function indicator: When the icon light is on means cooling process allows; icon lights off means cooling stops; flashing means cooling in process.
Leak warning icon: “” icon light off means normal, light on when leak is detected.
- Filter indicator: when “” icon light on means normal, flashing means need to replace filter or clean up is needed.
9. Recycle indication: “” icon flashing means water is recycling.
 10. Defrost icon: “DEFROST” icon flashing means the machine is defrosting.
 11. Water heating icon: When icon light on means heating process allows; icon lights off means heating stops; flashing means heating in process.
 12. Top tank UV light indicator  : when “” icon light on means top tank UV light function normal, light off means UV light not working; Flashing means top tank UV not functioning normally.
 - b. Reflux UV light indicator  : when “” icon light on means reflux UV light on means UV light function normal, light off means UV light not working; Flashing means top tank UV not function normal.
 - c. Bottom tank UV light indicator  : when “” icon light on means bottom tank UV light function normal, light off means UV light not working; Flashing means bottom tank UV not functioning normally.
 17. Hot water temperature indicator: Indicating temperature value.
 18. Cold water spout dispense icon  : continuous light Touching the icon will dispense cold water.
 19. Hot water unlock indicator  : when hot water is needed, Touch unlock icon to unlock then keep Touching unlock icon until hot water dispensing icon “” is flashing. Then Touch “” to release hot water.

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20. C/F conversion indicator : To convert Centigrade or Fahrenheit value.
21. Adjustment icon : enter function setting, choose function and make adjustments.
22. Touch mode icon  to select a function: select function needed to be adjusted.
- a. H- ON / OFF : indicate present heating function on or off, Touch “  ” to make desire adjustment.
 - b. C- ON / OFF: indicate present cooling function on or off, Touch “  ” to make desire adjustment.
 - c. W-ON / OFF: indicate present water generating function is on or off, Touch “  ” to make desired adjustment.
 - d. H-075 ~ 095: shows the present hot water temperature, soft Touch adjustment icon “  ”to set desired temperature, adjusting range between 75~95°C ;
 - e. C-004 ~ 010: shows the present cold water temperature, soft Touch adjustment icon “  ”to set desired temperature, adjusting range between 4~10°C ;
 - f. T-000: indicate filter system usage time period, soft Touch adjustment icon “  ” to reset time.
 - G. RESET: soft Touch adjustment icon “  ” to reset machine back to original factory setting.
 - H. FT 00: indicate the present water generating component temperature inside the machine.
23. Power control key : Normal operating condition and stand by condition function. When machine operate normally, continuous soft touching the “Power” key, machine will switch to “stand by” condition. During stand by condition, soft touch “Power” key and machine will switch back to normal operating condition.
24. Hot water spout dispense icon : continuous soft Touching the  icon until the “  ” icon flashing , then Touch “  ” to dispense hot water

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Most Advanced Water Production Capacity on the Planet over 40 Liters a day with 87% Relative Humidity with Water More pure than DEW®. Or a 7.0 PH mineralized or with SilverSterilizer®, AquaDew®, UltraDew®, PurePH or UltraPH filtering systems.



The Most Technologically & Electronically Advanced Water Generators on the planet TODAY called: Hybrid W. P. G. "Water Precipitation Generators" with 3 types of *More Pure than Dew Water*® that is Guaranteed ! The Consortium of Global H2O (Water) Manufacturers PlanetWater are Divisions and Projects of W.B.N. Inc.

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Crescent Valley, Nevada, 89821-1162 U.S.A.

Questions or Problems Call 001-775-468-0372 or your nearest Consortium member.

These units cost under \$1100.00 + shipping and are delivered right to your door D.H.L.. In 15 days or less guaranteed for samples only, after proof of Pay Pal, Bank Deposit. or Wire Transfer. All Prices are Wholesale to the public per sample or by the container of 20Ft @ 103 units or 40 Ft 215 units add \$59.00 per unit for shipping anywhere in the World with minimum order 25 units

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