



Atmospheric Water Generator

*Pure Water or Mineral Water
from the Humidity in the Air!*



EcoloBlueTM 28
the echo of natureTM

Operation Manual

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NOTICE: *The EcoloBlue Atmospheric Water Generator Model 28 is intended for residential use only. Model 28 has not been submitted to electrical testing organizations for purposes of obtaining approvals that are necessary in some jurisdictions for installation of such a device in a commercial establishment. Therefore, installation of Model 28 in a commercial establishment may constitute a violation by the commercial owner or tenant of a state or municipal electrical code, for which EcoloBlue Life & Energy disclaims any and all liability.*

Note: *EcoloBlue, Inc. reserves the right to make changes/amendments/deletions/revisions and/or variations in and to the contents of this manual, at any time and without notice to the purchaser.*

I. 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: to produce the maximum amount of high quality drinking water while using only a minimum amount of electricity. With an external connection to city water, the machine will serve as water purifier as well.

II. SAFETY NOTES

1. The electrical outlet to which the Generator is connected should be equipped with a reliable local or central ground fault interrupt circuit which is properly grounded. If the purchaser does not possess a ground fault detector (available as part of many power strips presently on the market), have an electrician verify proper grounding at the outlet where the Generator will be installed.
2. Never tamper with or remove the grounding terminal from the power cord plug.
3. Do not use extension plug, extension adaptor, or grounding adapter with the Generator.
4. Always protect the unit from contact with poisonous gas or liquid and/or corrosive gas or liquid.
5. If the unit's power cable or the cable plug has become damaged, do not use the unit until proper repair or replacement has been completed by a competent repair person.
6. Always unplug the power cord before performing any maintenance on your unit.
7. Do not power the Generator from an electrical outlet to which other high power consumption appliances or devices have been attached.
8. Always use correct replacement parts specified by the manufacturer.
9. Do not insert or unplug the power cord with wet hands or while in contact with another grounded device, appliance, or a radiator.
10. Use the enclosed water pipe kits to connect the unit to a city water supply. Do not supply water to the unit from any input source whose potable quality is not known to the user.
11. Before moving the unit, always unplug the power cord and **completely empty water from all tanks**. Take care to avoid tilting the machine more than 20° during moving. Using two persons allows the unit to be moved more easily.

III. PRECAUTIONS

1. Do not place the unit too close to a wall. Most energy-efficient performance is obtained when the unit is placed at least 20 cm (8 inches) from the wall.
2. This model of EcoloBlue Generator is not designed for or warranted for operation outdoors, regardless of whether it will be fitted by the owner with a cover.
3. Avoid exposing the unit to prolonged direct sunlight.
4. The unit should be placed into operation only when it is standing upright on a level surface.
5. Supplied voltage during operation must not drop more than 10% below the rated 115-120 volts of standard power supply, as in a brownout situation. When the unit operates below this level, it becomes noisy and may overheat. Should this occur, immediately switch the unit off until the voltage returns reliably to its normal operating range.
6. Avoid prolonged direct eye exposure to the ultraviolet device which is part of this unit. Ultraviolet light from any source may permanently damage the eye.
7. The Generator is designed to be able to provide the user with heated water. Therefore, place the unit only in a location where children will not have access to its HOT button, in order to prevent scalding or burning injuries.
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, as in a home used only during warmer months, be certain to drain off the remaining water completely and un-plug the machine if the environmental temperature of the installation location is anticipated to fall below 0°(32°F).
10. If there is any damage to the power cables, the cables must be repaired or replaced by an authorized person to avoid danger of electric shock.
11. Before attempting to operate the Generator on uneven or non-level floors, a suitable leveling device should be affixed to the unit.
12. Do not place any object on top of the machine. Good ventilation is required to ensure optimum and efficient performance.

IV. MAINTENANCE

1. Always keep the unit clean. Wipe the outer casing with soft, damp, but not wet, microfiber or similar cloth. Use water to clean; avoid using any harsh or abrasive cleaning agent.
2. Do not use any cleaning agents to clean the storage tanks.
3. Clean the air filters regularly to ensure proper air flow.
4. Always drain out water remaining in the tanks before any period of long inactivity or dis-use of the unit, regardless of the ambient room temperature.

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's ability to generate water depends totally on the level of humidity in the air and the local temperature to produce water. Ideally, the humidity level should be at least 50% or above to achieve the machine's optimum performance. In places with lower humidity levels, the machine will still produce water, but not as quickly, nor in as great quantities over a particular period of time, as in places with higher levels of humidity. In the home environment, higher levels of humidity tend to be found around the kitchen area, near a bathroom used for bathing, near an open window in the warmer months, or generally 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 increase the humidity in the room.

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 appliances a long service life.

To ensure high quality of produced drinking water, the Atmospheric Water Generator utilizes multiple filtration technologies.

When the air is dry, as in the winter during the heating season, water generation will be slow. At such times, connection to city water supplies will allow the machine to serve as a water purifier by utilization of the filtration and sterilization system.

VI. FEATURES OF THE ATMOSPHERIC WATER GENERATOR

a. Microcomputer

The unit is fitted with a microcomputer, which ensures proper working of internal parts, regulates hot or cool water temperature settings, and supervises and controls the functionality of individual internal working parts.

b. Electronic Sensors

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

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 when hot/cold water reaches the preset temperature settings.

d. Child-Proof Hot Water Lock Out

The function of hot water lockout is to prevent children from scalding/burning upon touching the water tap.

e. Venturi Fan

Newly designed Venturi-type fan increases production efficiency and greatly reduces noise during operation.

f. Water Leakage Detector

In case of any unexpected situation of water leakage, the machine will stop working automatically. Shutdown is accompanied by a warning sound and flashing VFD .

g. Condensing Coils

The condenser is designed with a special food-contact grade coating to prevent any direct metal contact with the water and to improve water production efficiency.

h. Electrostatic Air Filter

The first filter that air passes through before being condensed and converted to water is electrostatic; our electrostatic air filter effectively prevents micro-particles and dust from entering the machine, as well as deterring slime and fungus growth.

i. Ultraviolet Filter Treatment

The proprietary ultraviolet lamp treats the water by sterilization to ensure the bacteria and microorganisms are effectively eliminated. The sterilization process is automatically controlled by the microprocessor.

j. 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.

1)LF2 Carbon Filter or Nanometer Molecular Sieve

Removes ammonia, chlorine residuals, organic compounds, soil particles, dirt, etc.

2)Sediment Filter

Removes micro-particles to protect the water pump.

3)Pre-Carbon Filter I

Removes organic compounds, free chlorine, heavy metals, etc.

4)Pre-Carbon Filter II

Removes organic compounds, free chlorine, heavy metals, etc.

5)Reverse Osmosis Membrane

Removes dangerous bacteria, viruses, mineral salts, heavy metals, organic compounds, etc.

6)Post-Carbon Filter

Removes volatile organic compounds and improves water taste and smell.

7)Top Tank UV Sterilization

Minimizes bacteria levels in the upper tank to the least possible number.

8)Water Output UV Sterilization

Ensures clean and safe water is dispensed from the cool water faucet.

k. Water Recirculation

Our patented proprietary technology ensures that stored water remains fresh and clean and avoids secondary pollution during storage.

l. Overheat Protector

Overheat protector offers further protection for your machine. In case of overheating in the heating chamber during the heating process, this protector will automatically shut off the heating device.

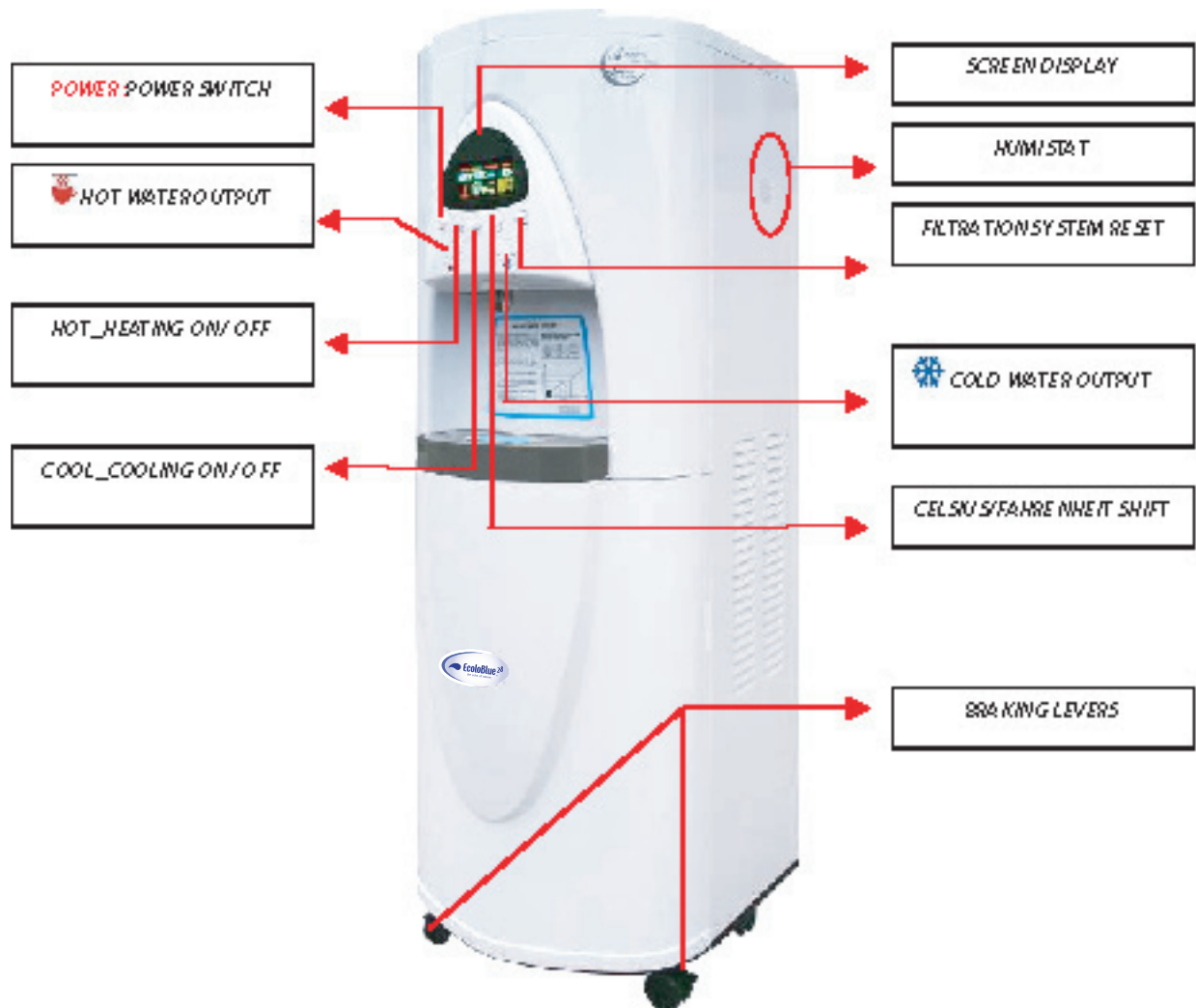
m. Novel and Noble Body

The Atmospheric Water Generator has a smaller and sleeker design compared to other Generators on the market. The unit is more compact and versatile. Advanced VFD display is added to make the operation, air humidity and water quality conditions more clearly understood by the owner.

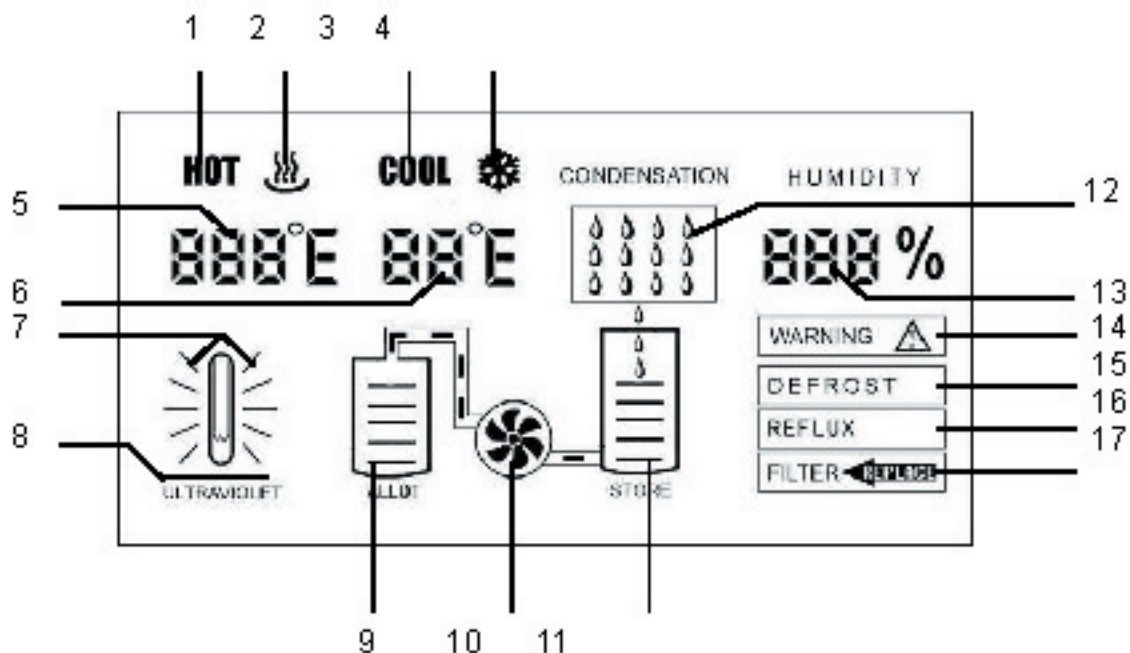
VII. OPERATING YOUR ATMOSPHERIC WATER GENERATOR

By following these simple instructions and simple maintenance procedures, your Water Generator should give you years of trouble-free operation while producing the 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 this simple manual, you will familiarize yourself with your new water machine and all its functions, ensuring yourself of a machine constantly operating at its optimum level.



a.VFD INDICATION







1. **Hot Water Indicator**
When hot water lock is unlocked, this logo will flash
2. **Heating Icon**
Heating function is started when the icon stays on; the unit is in heating process when the icon flashes
3. **Cool Water Indicator**
4. **Cooling Icon**
Cooling function is started when the icon stays on; the unit is in cooling process when the icon flashes
5. **Hot Water Temperature**
Press C/F key on the panel to switch water temperature display between Centigrade and Fahrenheit.
6. **Cool Water Temperature**
Press C/F key on the panel to switch hot water temperature display between Celsius and Fahrenheit
7. **Top Tank UV Lamp Icon**
The UV is working well when the icon stays on. If it blinks, UV is not functioning properly.
8. **Water Output UV Lamp Icon**
The UV is working well when the icon stays on. If it blinks, UV is not functioning properly.
9. **Water Level Indicator for Top Tank**
The higher the level displays, the more water it contains
10. **Booster Pump Icon**
The pump is working when the icon flashes
11. **Water Level Indicator of Bottom Tank**
A higher level on the displays corresponds to more water in the Bottom Tank
12. **Water Generating Icon**
The unit is generating water when the icon flashes
13. **Humidity**
Displays the current humidity level
14. **Warning Icon**
Operation is normal when the icon remains on; the icon will flash when water leakage is detected.
15. **Defrost Icon**
The unit is in defrost mode when the icon flashes (There could be frost because of low temperature in some areas)
16. **Water Recirculation Icon**
Water recycling is on when the icon flashes
17. **Filter Icon**
Conditions are normal when the icon is lit. When it flashes, the filter should be cleaned or replaced. Please refer to the section on **CLEANING, STERILIZATION & REPLACEMENT** for details.

b. SETTING UP

1. First, please confirm that the parts provided in the package constitute a complete set. The unit should be placed on solid and level flooring and be located with adequate air circulation on all sides. The unit should be placed no less than 20cm (8 in.) from the wall. Verify that the brake levers on the front wheels have been pushed down and locked after the machine is in its desired location.
2. Do NOT connect the unit to the power source within the first half hour after set-up. Leave the machine in a standing position to make sure all refrigerant drains to the compressor. Immediately connecting the machine to its power source after un-packing may damage the compressor and void its warranty.
3. Insert plug into an electrical outlet rated to deliver no less than 10 Amperes continuous. Check the panel box breaker rating for the outlet serving the unit or consult an electrician if you are not certain.
4. For initial operation, it is recommended to fill the bottom storage tank with city water until the top water tank level displayed on the screen indicates 3 levels. Next, drain out one liter(0.25 gal) of water from first the Cool outlet and then the Hot outlet, by pressing the respective buttons. Then drain out all remaining water from the rear HOT Water Drain outlet.

c. OPERATION

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 begin running in 2 minutes, and you will see the corresponding light on the VFD illuminated. If the unit is required to be shut off, keep pressing the 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 level will the heating/cooling mechanism be triggered. (Generally, the first heating/cooling will start within 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 mode. The heating mechanism will be triggered on and the red “” indicator will blink when water level reaches a preset level. It will turn off automatically when the water is hot enough. When heating is operating, press the “HOT” button to switch off the 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 in the cooling process. The cooling mechanism will be triggered on and the green “” indicator will blink when the water level reaches the preset level. It will turn off automatically when water is sufficiently cool. 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, hot and cold water temperature will remain in the preset range automatically. Keep pressing C/F button to have the Hot water temperature display the current setting. Then press “HOT” or “COOL” button to adjust the setting. Press “HOT” to raise the temperature setting; press “COOL” to lower the temperature set point. Hot water adjustment range is 75°(167F)~93°(199F). To adjust the cool water temperature setting, press C/F again to have the Cool water temperature display indicate the current setting. Then press HOT or COOL button to adjust the temperature set point. Press “HOT” to raise the setting value; press “COOL” to lower the value. Cool water adjustment range is 4°(39F)~15°(59F).

7. When it is time for filter replacement, REPLACE on the display will blink to remind user to clean or change filters. (Please refer to Filter Replacement for details). When cleaning or replacement is performed, press RESET until the REPLACE indicator stops blinking. Press RESET again to turn off REPLACE indicator and to reset the replacement warning time to work properly with the new filter.
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 the LOCK button until the HOT indicator blinks and it beeps; then press 🔥 button to dispense the desired hot water.
10. 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.
11. When the air is dry or during cold weather, water generation will be slow. At such times, 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 your local distributor for purchase). When power is switched on, the machine will automatically turn to its normal operating mode.



12. For the first operation, when the top tank has filled with generated water, please follow the steps in CLEANING, STERILIZATION & REPLACEMENT to eliminate the odor unavoidably associated with the new components of the machine.

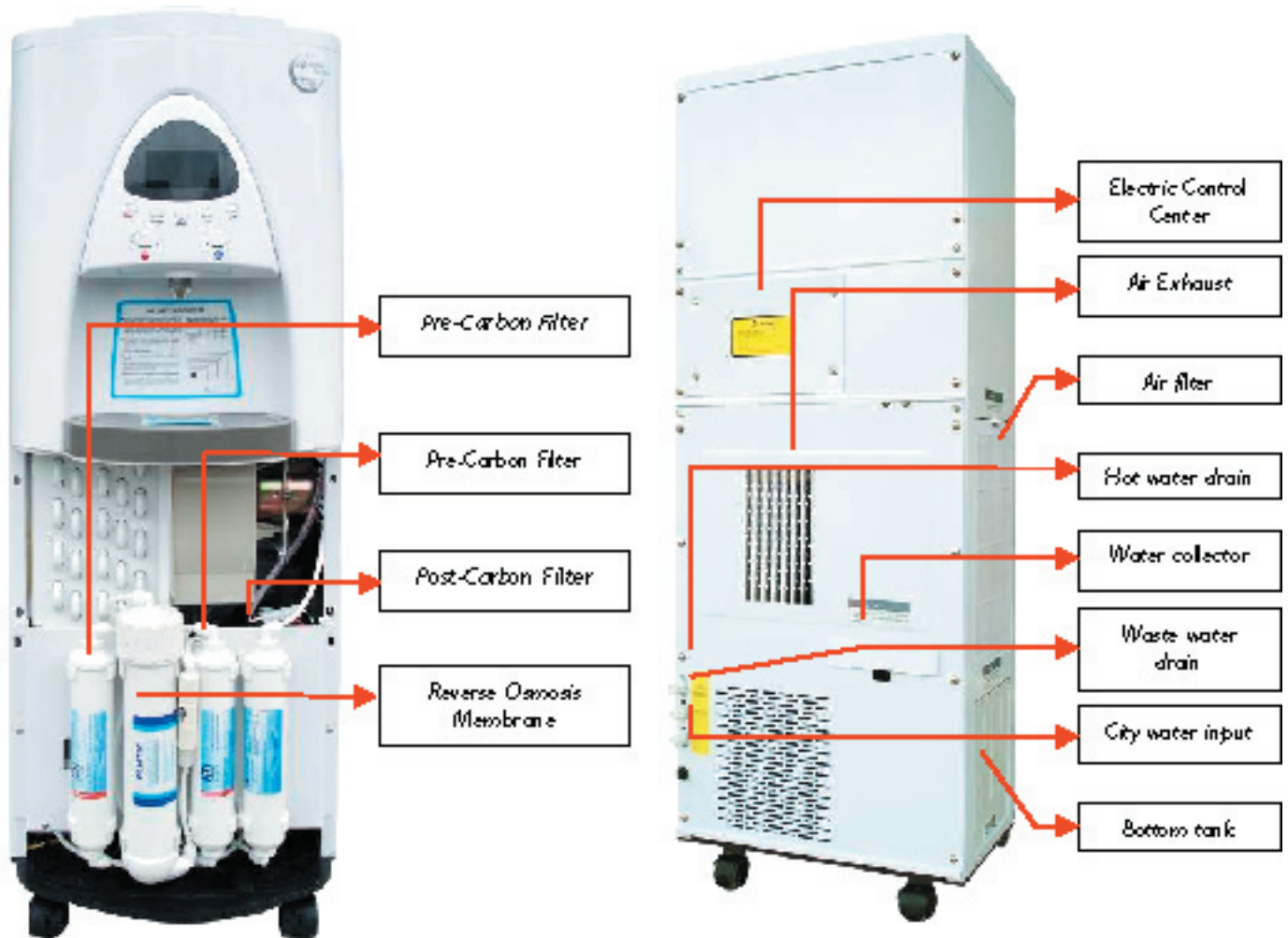
d. CLEANING AND REPLACEMENT OF FILTERS

Recommended Timing for Filter Replacement may vary according to different users' water consumption levels. The time periods recommended below are based on 10 liters (2.6 gal) consumed on a daily basis:

1) LF2 Carbon Filter or Nanometer Molecular Sieve	3-6 months
2) Pre-Carbon Filter I	6 months
3) Pre-Carbon Filter II	6 months
4) Reverse Osmosis Membrane	24 months
5) Post-Carbon Filter	6 months
6) UV bulb	12 months or upon UV fault warning

Note:

1. The above recommended service timing is for reference purposes only.
2. 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 possible drinking water.



The above structure and filtration system is for reference only.

I. Cleaning

I.1 Cleaning of Air Filter

Please clean the air filter regularly according to the air pollution conditions in your area in order to ensure proper air supply. Take off air filter from the side, as shown in pics Rinse in clean cold water to remove dirt and then replace.



1.1-1



1.1-2



1.1-3

I.2 Cleaning of water collector

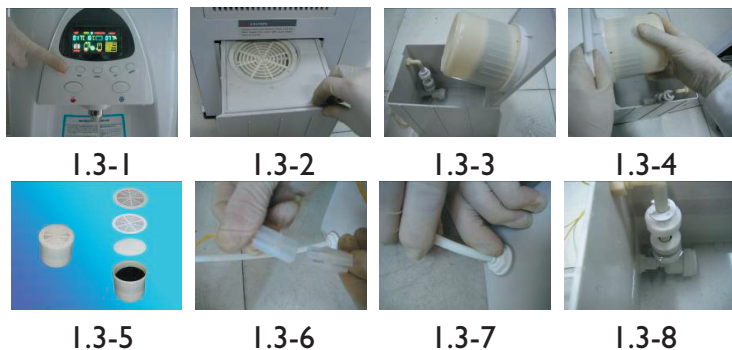
Take out water collector from the back. Clean and place in its original position.



1.2

I.3 Cleaning of bottom tank

- Keep pressing POWER to switch off the power as shown in (pic I.3-1). Unplug the power cord.
- take out bottom tank (pic I.3-2).
- open tank cover (pic I.3-3) remove filter cup (pic I.3-4).
- take out filter net, filter bracket, and filter fiber; rinse the filter cup with clean water (pic I.3-5).
- disconnect the pin of the bottom water sensor (pic I.3-6). Pull out water outlet tubing (pic I.3-7).
- (Note: In case a quick coupler is used for the connection, please press the front retainer ring inward and pull out.)
- remove the small outlet filter and rinse with clean water (pic I.3-8). Make sure the filter net is in good condition, otherwise, replace with a new one. Thoroughly wipe off any dirt on the tank walls.
- Re-assemble all parts.

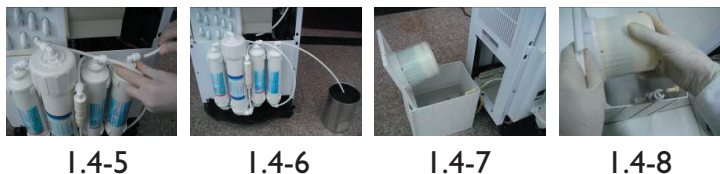


I.4 Cleaning of Front filtration system

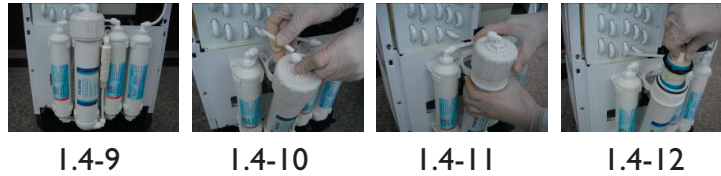
- Keep pressing POWER to switch off power. Open front bottom cover (pic I.4-1).
- Pull out water outlet tubing from the outlet connector of 2nd stage filter (pic I.4-2).
- Pull out water inlet tubing from the inlet connector of 3rd stage filter (pic I.4-3).
- Connect the outlet of 2nd stage filter to the inlet of 3rd stage filter with tubing (pic I.4-4).



- Pull out outlet tubing from the outlet of 3rd stage filter (pic I.4-5).
- Connect the outlet of 3rd stage filter to a water tank with a tubing (pic I.4-6).
- Pull out bottom tank (pic I.4-7) remove cup filter (pic I.4-8) rinse the cup filter with clean water. Put the cup back. Fill bottom tank with city water.
- Switch on POWER and start cleaning the filtration system. Keep checking the water level of the bottom tank and fill with city water until clean water comes out.



- i. Replace all the parts in their original positions (pic 1.4-9). Make sure all connections are hand tight to prevent leakage.
- j. Disconnect the tubing from RO inlet (pic 1.4-10).
- k. Remove RO cover (pic 1.4-11).
- l. insert RO membrane into the cartridge (pic 1.4-12). Pay careful attention to assure it has been inserted in the correct orientation shown.



- m. Press the membrane onto the open end (pic 1.4-13).
- n. Place back the cover and tubing (pic 1.4-14)
- o. Replace the front panel (pic 1.4-15). Switch on the unit and start cleaning the RO membrane by automatically running or filling city water into bottom tank until the top tank is full of water.
- p. Press “ ❄ ” keep pressing HOT to unlock, and press “ 🔥 ” to release 2 Liters (.5 gal) of hot and cold water from each faucet respectively. Turn off the unit. Drain all remaining water from the hot water drain outlet in the rear of unit (pic 1.4-16).




2. Sterilization

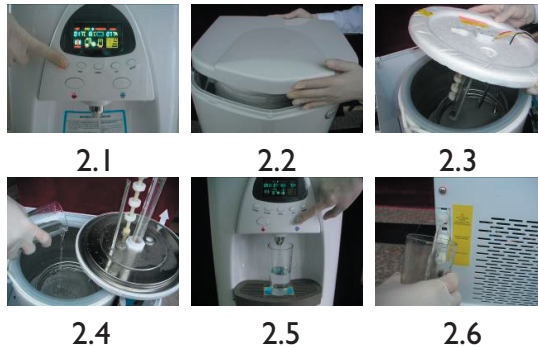
The brand new machine should be sterilized after it has been in service one week.

- 2.1 Prepare sterilization Solution: prepare 10 liters (2.6 gal) of sterilization Solution (special Solution for water dispenser). It is recommended to use a standard USP hydrogen peroxide Solution.
- 2.2 Keep pressing POWER to shut down the unit (pic 2.1) open top cover (pic 2.2) open top tank cover (pic 2.3) fill the top tank with the Solution (pic 2.4) replace and tighten the top tank cover and make it tight. Replace the top cover.
- 2.3 Turn on the unit. Press “ ❄ ”. Keep pressing HOT to unlock, and press “ 🔥 ” to release 1 Liter (.26 gal) of Solution from each faucet (pic 2.5). Shut down the unit. Drain about 0.5 Liters (.13 gal) of the remaining Solution from the hot water drain outlet in the back. Keep the remaining Solution soaking in the top tank for more than 2 additional hours, or as indicated in the instructions accompanying the Solution.
- 2.4 Run the unit. Press “ ❄ ”. Keep pressing HOT to unlock, and press “ 🔥 ” to release 2 Liters (.5 gal) of Solution from each faucet. Shut down the unit. Drain all remaining Solution from the hot water drain outlet in the back.

2.5 Fill bottom tank with city water. Turn on the unit and leave it run on automatic setting until the top tank is full of water.

2.6 keep pressing HOT to unlock, and press “” to release 2 Liters(.5 gal) of water from each faucet. Shut down the unit. Drain all remaining water from hot water drain outlet in the back (pic 2.6).

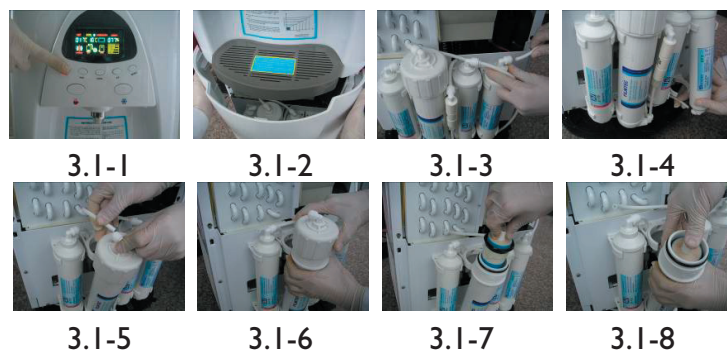
2.7 Repeat the above steps in 2.5 and 2.6 in order to clean out the Solution remaining in the top tank. When the top tank is empty, repeat the entire sterilization cycle process one more time.



3. Parts Replacement

3.1 To replace a filter:

- keep pressing POWER to shut down the unit (pic 3.1-1) using both hands, remove front panel from the bottom (pic 3.1-2).
- replace carbon filter by pulling out tubing at both ends (pic 3.1-3, 3.1-4).
- replace RO membrane by pulling out tubing, removing cartridge cover, removing the membrane, and replacing it with a new one (pic 3.1-5, 3.1-6, 3.1-7, 3.1-8).
- replace the front panel.



Note:

- It is recommended to replace filters one by one, in order.
- When replacement is completed, please clean the filtration system as indicated in the FILTRATION CLEANING section.

3.2 Replace the top UV lamp

- a. Switch off the unit and unplug power cable from outlet before replacing lamp (pic 3.2-1).
- b. Open top cover(pic 3.2-2).
- c. Remove screws on top end (pic 3.2-3).
- e. Disconnect UV connection pin (pic 3.2-4). Pull out UV bulb (pic 3.2-5).
- f. Replace with new bulb and replace top cover (pic 3.2-6).



3.2-1



3.2-2



3.2-3



3.2-4



3.2-5



3.2-6

3.3. Replace the cool water out UV lamp

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



3.3-1



3.3-2



3.3-3



3.3-4




3.3-5



3.3-6

4.Attention

- 4.1. To assure reliable operation of the Generator, it is recommended that you dispense no less than 3 liters (.75 gal) of water every day.
- 4.2. If hot water is not dispensed for a prolonged period, it is recommended to turn on the heating process for not less than 30 minutes once a week. Keep pressing the HOT button to unlock, and press “” to release 500 ml of hot water from the faucet.
- 4.3. If the machine has not been used to dispense water for between 2 to 5 days, please drain 500ml of cool water before dispensing for drinking use. If the machine is to be inactive for more than 5 days into the future, it is recommended that you drain the water from all tanks and switch off the machine in anticipation of the period of non-use. To re-activate, please run the system sufficiently to produce about 5 liters of water, then drain that water 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 4 months, it is time to run a sterilization cycle. Please follow the steps in CLEANING, STERILIZATION & REPLACEMENT to sterilize the system.
- 4.5. Disconnect the machine's plug from the outlet first before draining water from the back outlets.

VIII. TROUBLE SHOOTING

Problem: The UV WARNING light  blinks and you hear three short beeps.

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

Problem: The whole UV WARNING logo  blinks and you hear three short beeps.


Solution: Check the ultraviolet device at the cool water output to make sure the bulb is lit and all wiring is correctly engaged. If the UV is not working, replace with a new bulb by following steps in CLEANING, STERILIZATION & REPLACEMENT.

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

Solution: Check the circuit breaker and test with another device to assure the outlet is live. Check to ensure the voltage being delivered to the outlet is in the correct operating range for the device. Make certain that the plug connection to the wall outlet is tight and secure and the cable is not damaged.

Problem: The indicator  "REPLACE" on VFD display is blinking and beeping.

Solution: After a long period of operation, the filter might be dirty. If so, it must be replaced. Replace with a new filter by following the steps in CLEANING, STERILIZATION & REPLACEMENT. Reset the filtration warning time by following Step No. 7 in Section VII.c. of this Manual, OPERATION.

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

Solutions:

- Press the POWER button immediately and unplug the power cord.
- Make sure the tubing of the filtration system is tight and secure.
- Make sure the tubing of the bottom tank is tight and secure.
- Make sure the drainage tubing in the back is tight and secure.
- Make sure the water collector is in the correct position.

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

Solution: Make sure the water stopper inside the water drain outlet is removed from or not blocking the drain opening.

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

Solutions:

- Press the POWER button immediately and unplug the power cord.
- Stop draining immediately if you performing the draining operation from the back. Wait a few minutes; then continue draining until the hot temperature indicator reads normally.

Problem: Water output from faucet is too small.

Solutions:

- Clean the filter net inside the water faucet or replace with a new one,
- Replace check valve inside the water faucet with a new one.

Problem: No hot or cool water output, ambient temperature 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 machine operating temperature level is in the appropriate range.
- Check the humidity level in the room. 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 in a well ventilated area, and that the air filter net is cleaned regularly to ensure the free air flow.

Problem: The humidity indicator on the screen is different from the actual room humidity level.

- It is normal for readings on such devices to differ in a range of 5%, more or less.
- Make sure the machine and the individual humistat are placed in the same place.
- Make sure that the humistat sensor is not blocked, covered or too close to the wall.

Problem: The machine is vibrating excessively and/or too noisy.

- Make sure there is no object placed on top of the machine.
- Make sure that there is no water cup placed on water tray.
- Open the front bottom panel and check if the copper tube at the side is touching the side panel. Correct the position of the copper tube slightly and slowly if it is.

If your machine still does not work or does not work correctly after all the above procedures have been performed, please do not try to perform other repair procedures yourself. Always call a qualified and properly trained service technician to examine the machine and perform necessary repair procedures. The manufacturer will not bear any responsibility for damages to the Generator, damages to the owner's property, or personal injury sustained during attempts at self-repair.

User repairs to the Generator not specifically referenced and permitted in this Manual, and/or use of replacement parts from sources other than EcoloBlue or maintenance procedures other than as instructed or explicitly referenced herein voids all manufacturer warranties.

IX. TECHNICAL SPECIFICATIONS

a. Dimensions

Height	111 cm / 44 in.
Width	40 cm / 16 in.
Depth	40 cm / 16 in.
Net Weight	41.2 kg / 91 lb.

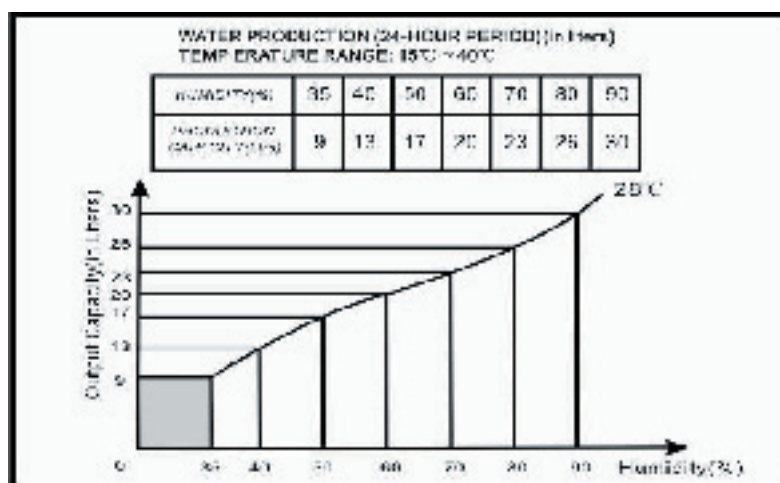
b. Power

Voltage	_ a.c. 220-240V 50Hz _ a.c. 220-240V 60Hz	_ a.c. 120V 50Hz _ a.c. 120V 60Hz
Power input	1000-1150W	1050W
Heating Wattage	500-600W	500W
Operation Power	450-500W	480W

c. Coefficient of Water Quality

Working Temperature	15°C(59°F) ~ 40°C(104°F)
Working Humidity	35% ~ 95%
Water Storage Capacity	12.5 Liters (3.3 gal)
Temperature of Hot Water	75°C(167°F) ~ 93°C(199°F)
Temperature of Cold Water	4°C(39°F) ~ 15°C(59°F)

Atmospheric Water Production Capacity



Disclaimer Of Implied Warranties; Limitation Of Remedies

Implied warranties, including, to the extent applicable, warranties of merchantability or fitness for a particular purpose, are excluded to the extent legally permissible under the laws of the user's jurisdiction. Any implied warranties that may be imposed by law are limited to one year, or the shortest period allowed by law. Some states and Canadian provinces do not allow limitations or exclusions on the duration of an implied warranty of merchantability or fitness. In such locations, the above limitations or exclusions may not apply to you.

If this product fails to work as warranted, customer's sole and exclusive remedy shall be repair or replacement, according to the terms of the limited warranty of EcoloBlue, Inc. EcoloBlue, Inc. does not assume any responsibility for incidental or consequential damages arising or resulting from the use of the EcoloBlue Atmospheric Water Generator, Model 28. This warranty gives you specific legal rights; you may also have other rights, which vary from state to state or province to province.

Contact Information



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