

# USER MANUAL

## Model G20 (KL20 – UFA) Water Dispenser Atmospheric Water Generator CE



- It is highly recommended to read this manual before use
- Please keep this manual for future reference



PRODUCT OF: SHENZHEN FND AIR AND WATER TECHNOLOGY DEVELOPMENT CO. LTD  
DISTRIBUTED BY: AWG-EUROPE Ltd.

Version: G20\_ENG\_V.01

# INTRODUCTION

Dear User!

Congratulations on your purchase of our Atmospheric Water Generator. Our commitment is to provide you with healthy sustainable drinking water that is good for you and the environment.

Water is an essential resource to all biological life. Without water there would be no life. 70.8% of the earth's surface is covered by water. Just 3% of the water is fresh water. Most of the fresh water is locked in icecaps and glaciers. All the lakes, rivers and swamps only account for 0.3% of available fresh water.

There is an estimated 12 Quintillion litres of water in the earth's atmosphere; that's 10 times more than all the rivers, lakes and swamps combined.

With global warming, rise in population, industrial growth and agricultural demand. Recent scientific research estimates that by 2050 the entire globe will be under severe water stress. At present 1.2 billion people do not have access to safe drinking water.

Water pollution has also become a serious threat to personal health. Harmful chemicals have been found in numerous water supplies including leaching harmful chemicals from the containers that the water has been stored in.

The use of Atmospheric Water Generators is beneficial to personal health and the environment by producing pure chemical and bacteria free water and eliminating the risks of contamination from storage containers. This in turn reduces the demand on ground water and the production of plastic bottles.

## ATTENTION:

- Read this manual before connecting the machine to electricity
- Please keep this manual for future reference
- Production date and serial number refer to barcode on the machine
- In case of order parts or service request, please contact:



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## 1. Product Introduction

- ◆The Air Water Generator is a high-tech water supply machine to provide high standard drinking water with no source of water.
- ◆The air water machine has a generous and stylish appearance with wide range of applications. It can be used in offices, families, hotels, tea houses, hospitals, airports, ships, cars, islands, natural disaster areas (earthquake disaster areas), drought and waterlogging areas, etc., as well as areas and places with high requirements for drinking water quality.
- ◆The Air Water Generator can be used at the environment temperature of 15°C-43°C, relative humidity>25%, the water making capacity increases as the humidity increases.

## 2. Product Features

- ◆Multiple filtration system.
- ◆Food-grade materials.
- ◆Adopt advanced over current UV lamp sterilization and cold storage technology to kill the bacterial and keep the bacterial out at the same time.
- ◆Adopt various alarm protections to make sure any failures during machine operation will be monitored.
- ◆Internal water circulation system to disinfect the air water in the water tank, plus low temperature
- ◆storing to make sure water fresh.
- ◆Adopt advanced heating system to heat the water.
- ◆External water supply system.

## 3. Safety Instructions

- ◆Forbidden to fix the machine on your own, forbidden to replace the power line on your own, if the power line damaged, must be the local dealer or local service outlets arranged for replacement.
- ◆The ban on the use of mobile socket power supply, or accessory connecting line, that might cause electric shock or fire accident.
- ◆The forbidden on pulling of power line, or it may cause an electric shock, short circuit and fire
- ◆Forbidden plug with wet hands, otherwise it may cause electric shock.
- ◆Warning: mechanical equipment or other means shall not be used to accelerate the defrosting process except as recommended by the manufacturer.
- ◆Warning: do not damage the refrigeration circuit;
- ◆Warning: except for the types recommended by the manufacturer, electrical appliances shall not be used in the food storeroom of the utensils;
- ◆Warning: do not store explosives, such as combustion spray, in appliances
- ◆The main power switch should be set beyond the reach of children, to prevent the danger children get electric shock.



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◆ In the thunderstorm weather, you must cut off the power switch, otherwise it may cause an accident.



◆ Before the cleaning or maintenance, please pull out the plug, there is the danger of electric shock if use water to clean the machine.



◆ Forbid to put other objects in the machine, used for the machine power supply socket, must be reliably connected to the ground; capacity shall be not less than 15A.

◆ It is prohibited to place or use in volatile, corrosive, flammable chemical environment, otherwise it may cause fire.



◆ Avoid placing articles on this machine otherwise may cause crashes, falls and other accidents.

◆ If an abnormal situation occurs, such as abnormal noise, odors, temperature rise, leakage phenomenon, please immediately cut off the power switch, then contact with the local dealer or local customer service outlets. Avoid placing articles on this machine otherwise may cause crashes, falls and other accidents



◆ Avoid transporting the machine below 45° inclination.

◆ The outlet in the back of the machine is high in temperature, banned the placing of objects within 40cm close area.

◆ when moving the machine in the house, please be careful, slow moving, if can't assure translation, the water tanks should be empty.

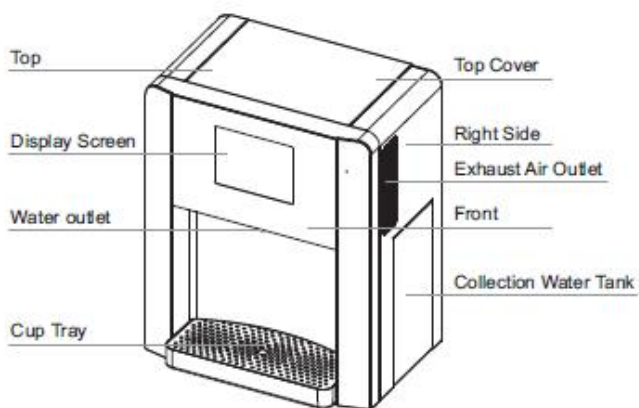
◆ In order to prolong the serving of filter, select the better air quality environment.

◆ The machine should be placed in areas temperature above zero.

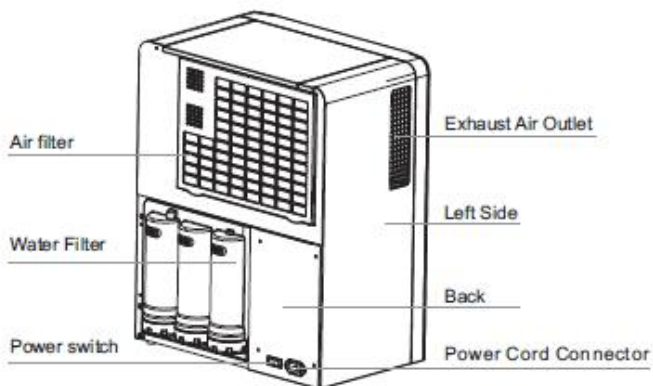
◆ No opening of the back board of the machine, juveniles should be witnessed when using the machine.

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#### 4. Product Map



P1



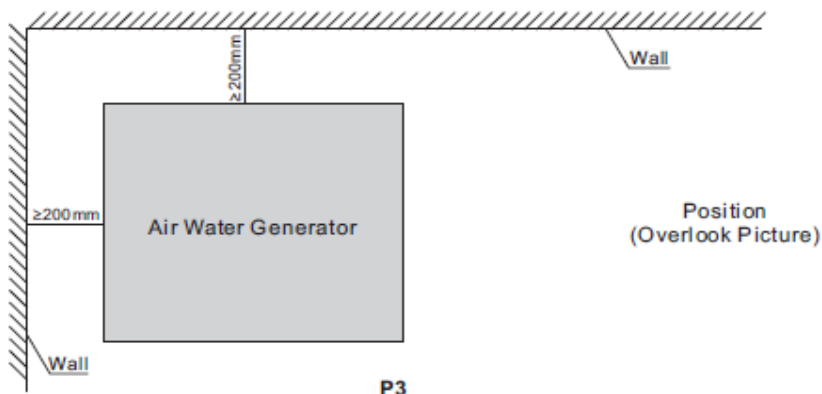
P2

- Any changes of the manual for the improvements of the products will not be given

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## 5. Installation Guide

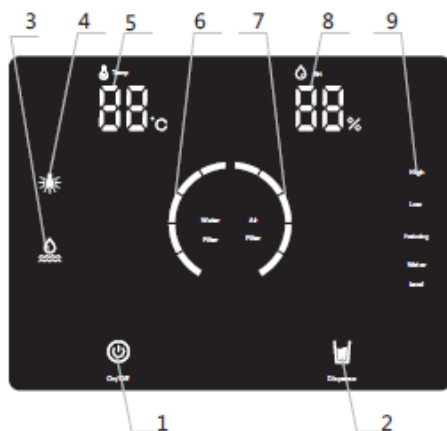
- ♦The machine must be placed on a firm horizontal surface.
- ♦Avoid placing the machine at any angles or may result in excessive noise during operation.
- ♦Ensure a minimum gap of 200 mm between machine and walls to allow sufficient cooling and ventilation.



- ♦Leave the machine in its final position for 4 hours before turning the power on. This will allow for optimum operation.
- ♦The machine collects the moisture in the air through the operation of the system and becomes drinkable water after a series of treatments. Try to place it in a ventilated environment.

## 6.Display Introduction

AIR WATER GENERATOR display(P4), The representation as follows:



**P4**

1 .On/Off

2 .Water outlet

3.Water making indicator

4.UV

5.Temperature

6.Water filter

7.Air filter

8.Humidity

9.Water level

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### **Operation area**

#### **1) On/Off**

The On/Off light will flash when first plugged in. Press to turn machine on and press again to turn the machine off.

#### **2) Water outlet**

Press water outlet button, get water with indicator light open, then press water outlet button again to stop the effluent

### **Indicator on the display**

#### **3) Water making indicator**

When making water, the indicator light illuminate; in the state of no water production and compressor blocked, the indicator light flashes;

#### **4) UV**

The sterilization UV indicator lights up, indicating that the sterilization indicator of the water tank begins to sterilizes in water tank.

#### **5) Temperature**

Display ambient temperature

#### **6) Water filter**

This shows the condition of the water filters. 5 white bars means new filters. When the bar is red the filters need to be replaced.

#### **7) Air filter**

This shows the condition of the air filter. 5 white bars means new filters. When the bar is red the filters need to be replaced.

#### **8) Humidity**

Display ambient temperature

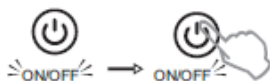
#### **9) Water level**

3 level indicator for water level: high, medial and low.



## 7, Operating Instruction

### (1) ON/OFF

Press "  " open the machine ; Press again "  " off the machine.



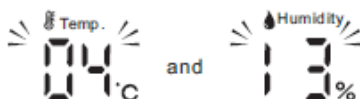
### (2) Water outlet

Press "  " get ambient water , press "  " again , stop dispensing



Noted: When the water level of the water tank is too low or empty, the water level light flashes and the machine will not allow water dispensing. Wait until the tank level reaches low level or higher on the display.



(3) When ambient temperature is below 15 °C or the humidity is below 25% the compressor will stop running. The fan will continue running. Temperature and humidity indicators will flash.





### (4) Fault code definition:

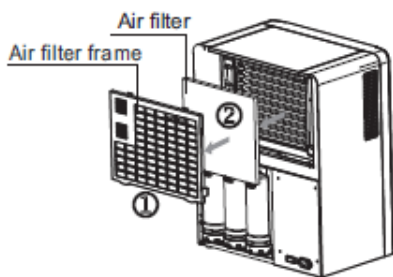
- 1)E1 code indicates the temperature sensor is faulty
- 2)E2 code indicates humidity sensor is faulty
- 3)E3 indicates the middle of evaporator temperature sensor is faulty
- 4)When ambient temperature is below 15 °C, temperature indicator flashing
- 5)When ambient humidity is below 25%, humidity indicator flashing



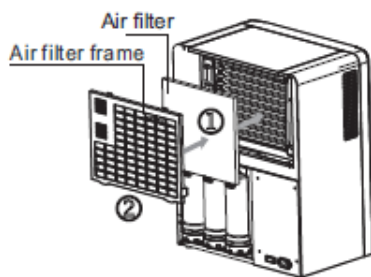
Note: "  " indicator flash; "  " indicator light illuminate

## 8.Replacement of Air Filter

- 1) Press On/Off button to turn the machine off.
- 2) Remove air filter frame.
- 3) Remove air filter.
- 4) Clean air filter frame and mesh screen on the inside with a damp cloth.
- 5) Install replacement air filter.
- 6) Replace air filter frame.
- 7) Press On/Off button to turn machine on.
- 8) Reset the flashing warning by pressing and holding  and  together for 3 seconds.
- 9) The Air filter warning will stop flashing on the display.



Removal Guide



Installation Guide

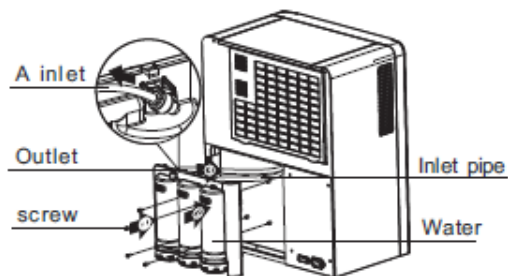
P5

## 9.Replacement of Water Filters

Removal Guide :



- 1) Remove four screws of water filter frame
- 2) Remove water filter
- 3) Disconnect inlet pipe and outlet pipe for water filter

Steps:

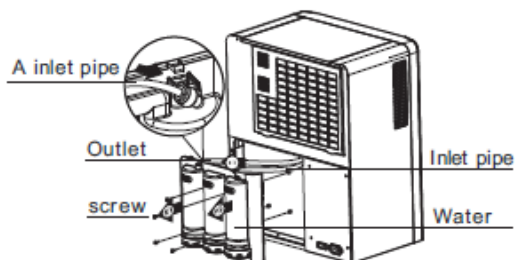


P6

Installation:

- 1) Connect inlet and outlet water pipe with new water filter
- 2) Replace water filter
- 3) Fix four screws of water filter frame
- 4) Reset by pressing and holding  and  together for 3 seconds.

Steps:

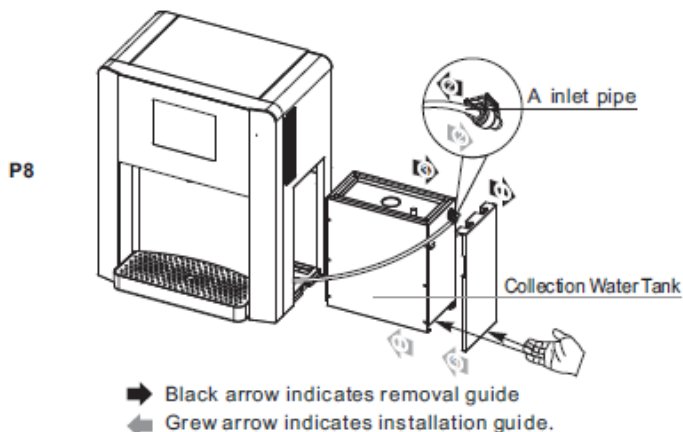


P7

#### 10. Cleaning collection water tank

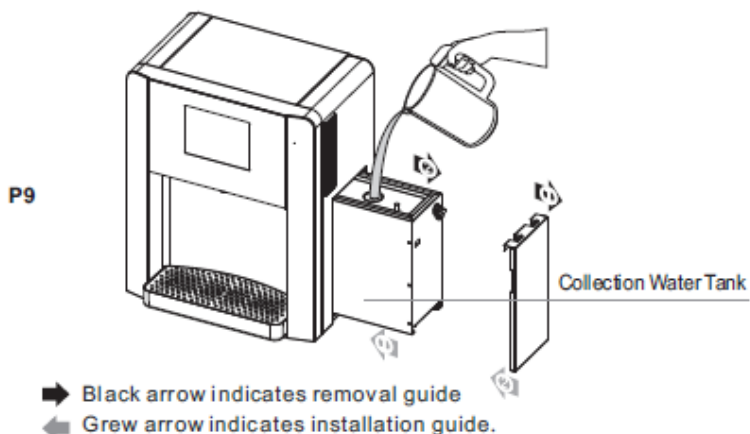
- 1) Buckle the collection tank bottom and pull out the collection water tank
- 2) Plug off water pipe and other two internal pipes
- 3) Clean the collection water tank

**Reminder: it is recommended to drain out the water tank for first use, after new water filter replacement or the machine stay off for a long time. The next produced water will be high quality for drinking.**



## 11.External Water Connection

- 1) Buckle the collection tank bottom and pull out the collection water tank
- 2) Pour water into the opening
- 3) Take care not to spill excessive amounts of water.
- 4) You can use bottled or municipal water to fill the tank.



## 12.Care & Maintenance

- 1) Clean the surface of the machine with a damp cloth.
- 2) Turn off the machine, clean the air intake grill.

### Attention: When Cleanin

- 1) Clean the machine at least once per week.
- 2) When cleaning remove the power cable from the outlet.
- 3) Do not use hot water, any strong chemicals or solvents to clean the machine. Use a damp cloth with a mild soapy solution only.
- 4) Remove washable pre-air filter, clean with a damp cloth and wipe dry before replacing.
- 5) Do not hose or wash down the machine, it may result in short circuit damage and corrosion within the machine.
- 6) After cleaning check the power cord and connector is free from damage and moisture.
- 7) If the machine has been left standing and unplugged from power for a long period of time. First drain the water tank and dry off the machine before turning the power on again.

⚠ Do not wash main air filter or wipe with damp cloth

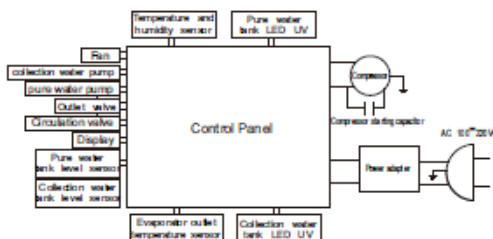
### 13. Trouble Shooting

Problems	Probable reasons	Solutions
Water Production is very slow	Ambient Temperature or humidity is out of working range.	1. Increase air humidity 2. Connect external water
	Air circulation is poor.	Place Machine in an area with better air circulation.
	The air intake is blocked.	Remove any obstructions.
The Compressor is not running	Check power connection.	Avoid lose connections
	Check if the voltage is stable.	Use voltage regulator for more stable voltage.
	Turn the machine off for a few minutes and restart.	There is a 3 minute delay on the compressor when the machine restarts.
	Ambient temperature or humidity is out of working range.	The compressor will not run if the ambient temperature is below 15°C or above 43°C or if the humidity is below 25%
The machine is too noisy	1. The machine is not placed horizontally or on an uneven surface. 2. The supporting foot bearers may not distributing weight evenly.	Adjust the foot bearers to level and balance the machine.
The machine is leaking water	The tilt angle of the machine during the movement is over 30°	Put the machine in horizontally
Press Cold and no water is dispensed	No water at water tank	Waiting for making water or connect the external water

## 14.Packing List

Item	Air Water Generator	Manual	Water Card	Adapter	Water Filter	Air Filter
Quantity	1	1	1	1	1	1
Unit	PCS	PCS	PCS	PCS	PCS	PCS

## 15.Circuit Diagram



Note: The above circuit diagram is for reference only, please refer to the rating label as the final.

## 16. Technical specification

<b>Function</b>	<b>Cold water</b>
<b>Capacity (Liters)/Day</b>	<b>20 ( under 30℃ , RH 80%)</b>
<b>Water-making Control</b>	<b>LED Touch screen</b>
<b>Filter system</b>	<b>UF</b>
<b>Rated voltage(Optional)</b>	<b>220V/110V</b>
<b>Frequency(Optional)</b>	<b>50Hz/60Hz</b>
<b>Water-making current</b>	<b>0.7A</b>
<b>Anti-electric shock</b>	<b>I</b>
<b>Refrigerant Gas</b>	<b>R134a</b>
<b>Refrigerant volume</b>	<b>220g</b>
<b>Operating Temperature</b>	<b>15℃~43℃</b>
<b>Operating Humidity</b>	<b>&gt; 25%</b>
<b>Water tank volume</b>	<b>Stainless steel 4.5L +4.5L</b>
<b>Water-making power</b>	<b>450W</b>
<b>Water-proof rate</b>	<b>IPX0</b>
<b>Net weight</b>	<b>32Kg</b>
<b>Product Dimension(W*L*H) &gt;</b>	<b>330mm*460mm*570mm</b>

## 17. Warranty

General Terms and Condition (GTC) contains regulations of warranty – that available under „Useful Link” section of the [www.wizzwell.com](http://www.wizzwell.com) web shop.

The Customer may claim repair or replacement on the basis of his warranty right, request a price reduction in cases provided for by law, or ultimately withdraw from the contract if the debtor has not undertaken repair or replacement, is unable to fulfil this obligation within a reasonable period, protecting the interests of the right holder, or if the interest of the claimant in repair or replacement has ceased.

The warranty claim can be enforced during the warranty period, the warranty period is **3 years** according to EU regulations and Hungarian Government Decree 151/2003 (IX.22.)

When is the Seller released from its warranty obligation?

The Seller is released from its warranty obligation if it proves that the cause of the defect arose after performance (warranty period). The Seller shall be released from its warranty obligation if it proves that the cause of the defect arose after performance for reasons attributable to the consumer: such as vandalism or the consumer failed to replace the filters of the device after 12 months of operation and/or use of a non-original accessory. The seller may refuse the consumer's warranty claim if the safety film on the back of the device is damaged or missing, or if it is defective because the repair was not carried out by an authorized service or because the customer used a non-original additional device and accessory.

Please note that due to the same defect, you may have a warranty and guarantee claim, as well as a product warranty and guarantee claim at the same time, in one claim process.

To receive warranty service, you must fill out service form <https://wizzwell.com/service/> or contact the authorized local distributor. Contact details can be found on the back side of the manual



<b>SERIAL No.:</b>
<b>DATE:</b>

## AWG-Europe Ltd.



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