

USER MANUAL

WizzWell F20CM Water Dispenser
Atmospheric Water Generator
Model: KLR – 28LA (cold version)



- 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.

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 Atmospheric Water Generator is a high-tech water supply machine that provides the highest quality drinking water by harvesting water from the humidity in the air. This process in turn dehumidifies and purifies the air in the room.
- The Atmospheric Water Generator is designed for multiple applications. Residential, commercial, industrial, hospitality, medical and marine use.

2. Product Features

- Multiple filtration system.
- Manufactured from high quality food grade materials.
- Advanced over current UV lamp sterilization and cold storage technology to eliminate and maintain bacteria free water.
- Microcomputer control technology for automatic operation.
- Multiple Alarm system to monitor water quality.
- Internal cold water circulation system to maintain water quality.
- Advanced heating system to produce hot water.
- Option to connect to external water supply.

3. Safety Instructions

- ⚠ Do not attempt to repair the machine or power cable. Contact your local dealer for service support.
- ⚠ Only connect the machine to an appropriate power supply.
- ⚠ Do not pull or damage the power cable.
- ⚠ Do not connect the power supply with wet hands.
- ⚠ Keep the power cable out of reach of children.



- ⚠ To prevent damage to the machine, disconnect power supply during thunderstorms.



- ⚠ Disconnect the power supply before cleaning or maintenance.



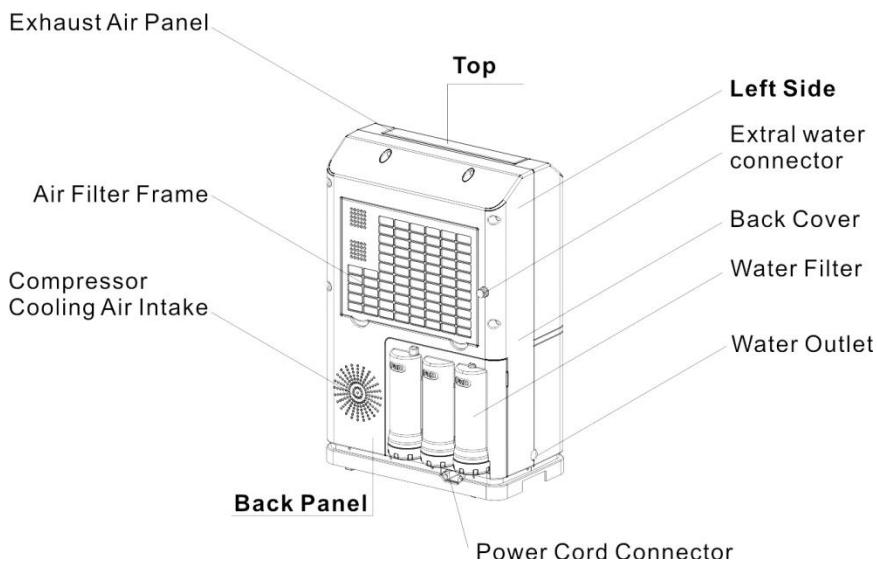
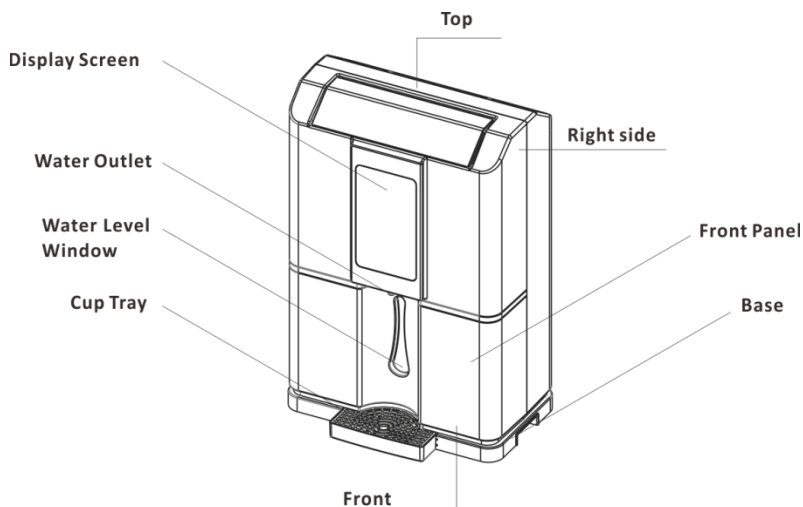
- ⚠ Do not use multiple connections on the machine's power supply connection.
- ⚠ Do not place or use the machine in volatile, corrosive or flammable chemical environments.

- ⚠ Should abnormal sounds, smell, temperature or leakage occur, disconnect from power supply and contact your local dealer for service support.
- ⚠ Do not place any objects on top of the unit.



- ⚠ Always keep the unit in an upright position.
- ⚠ Do not place any flammable objects within 40 cm of the back of the machine because of hot exhaust air.
- ⚠ When moving the machine, the water tank must be drained to avoid water spillage within the machine.
- ⚠ To prolong the air filter lifespan, place machine in the best possible location.
- ⚠ The machine should be operated intemperatures above zero.
- ⚠ Do not remove the back cover of the machine.
- ⚠ Children should be supervised when operating the machine.

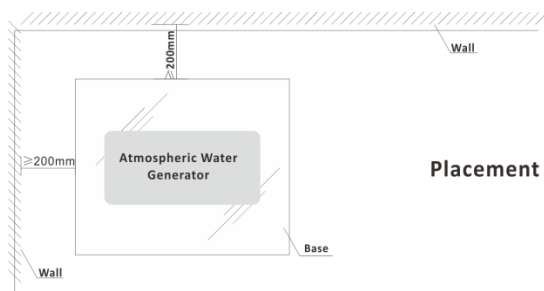
4. Product Map



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

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.

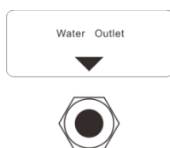


P1

- Leave the machine in its final position for 4 hours before turning the power on. This will allow for optimum operation.

The time required to produce a full tank of water is dependent on the relative humidity of the room. At 60% relative humidity, it will take 4-5 hours to fill the collection tank within the machine.

It is recommended to then drain the collection tank for first time use or if the machine has been switched off for more than 2 days.

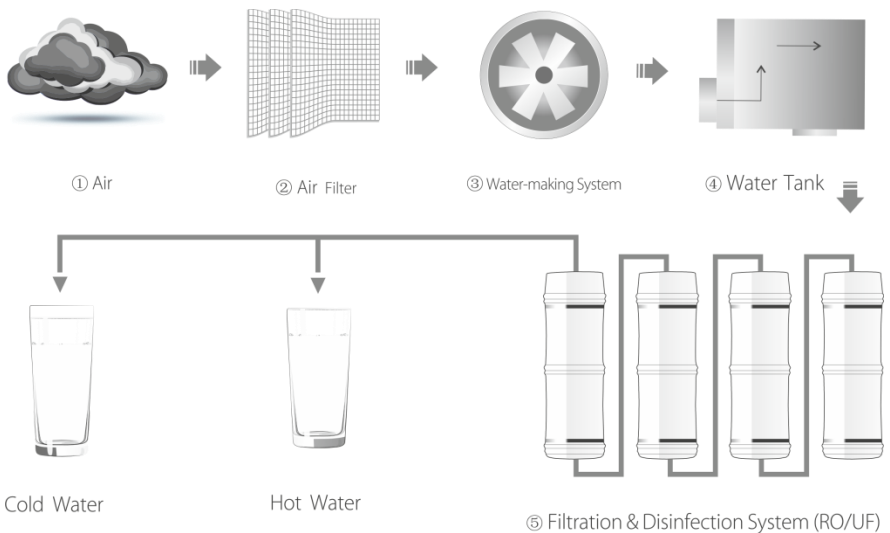


P2

- Ensure the machine is positioned with enough ventilation.

6. How It Works

- Water is produced by harvesting moisture from the air. Humid air is drawn into the machine and passed through a multistage air filter and then cooled to dew point. The cooled air condensates. The condensate drips into a collection tank. The water is then pumped through a multistage Ultra filtration system and stored in a storage tank. Water purity in the storage tank is maintained by keeping the water cool, circulated and under intermittent UV light sterilization to ensure the highest quality water.

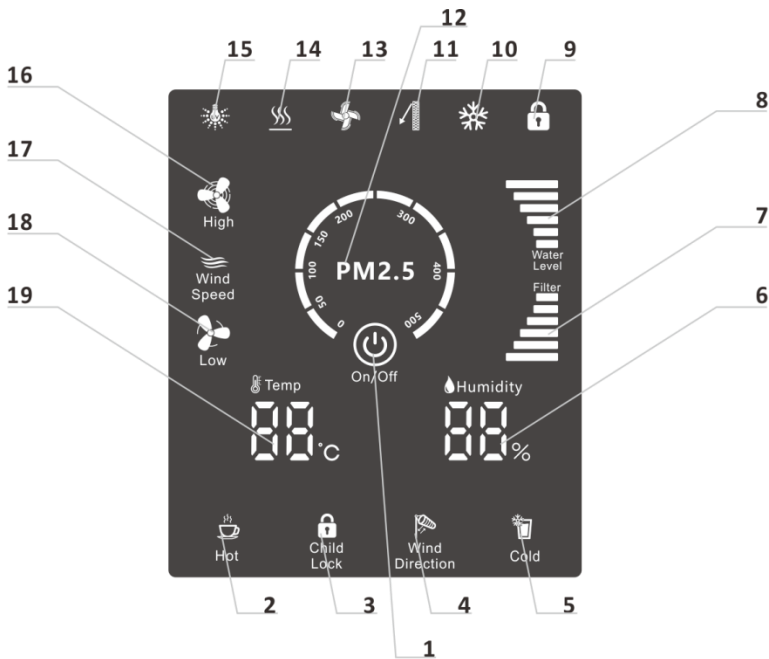


7. Additional Benefits

- Unlimited sustainable pure drinking water.
- Water produced is significantly lower in cost than bottled water.
- No added chemicals.
- 99.9999% bacteria elimination.
- No heavy lifting or storage of bulky water containers.
- No plastic waste.
- Dehumidifies the room.
- Purifies the air in the room.
- Reduces allergen particles in the air.

8. Display Introduction

Atmospheric Water Generator Display (P3)



P3

- | | | | |
|-------------------|--------------------------|----------------------------|------------------------|
| 1. On/Off | 6. Humidity | 11. Air Filter Indicator | 16. High Wind Speed |
| 2. Hot | 7. Water Filter | 12. PM 2.5 | 17. Wind Speed Control |
| 3. Child Lock | 8. Water Level | 13. Water-making Indicator | 18. Low Wind Speed |
| 4. Wind Direction | 9. Child Lock Indicator | 14. Heating Indicator | 19. Temperature |
| 5. Cold | 10. Cold Water Indicator | 15. Disinfection Indicator | |

Functions

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. Hot

Press for hot water.

3. Child Lock

Press and hold the child lock button for 3 seconds to unlock hot water function. If the machine is not used for 15 seconds, the child lock will automatically lock to prevent hot water accidents.

4. Wind Direction

Press to change the direction of the exhaust fan.

5. Cold

Press for cold water.

6. Humidity

This shows the ambient humidity in the room.

7. Water Filter

This shows the condition of the water filters. 6 white bars = new filters. When the bar is red the filters need to be replaced.

8. Water Level

6 white bars = water tank is full and water production stops.

4 white bars = water tank is half full.

2 red bars = water tank is low.

Flashing red bar = water tank is empty.

9. Child Lock Indicator

When the child lock indicator is illuminated, hot water dispensing is locked.

10. Cold Water Indicator

This shows that cold water is being dispensed.

11. Air Filter Indicator

Normally off. Illuminates and flashes when air filter needs to be replaced.

12. PM 2.5

Particle pollution, also called particulate matter or PM, is a mixture of solids and liquid droplets floating in the air. Particles come in a wide range of sizes. Particles less than or equal to 2.5 micrometers in diameter are so small that they can get into the lungs, potentially causing serious health problems. Ten micrometers is less than the width of a single human hair.

13. Water-Making Indicator

The light is illuminated during water production.

The light flashes when the water tank is at high level or the compressor is only running to maintain cold water tank temperature.

14. Heating Indicator

This light will illuminate when hot water is being dispensed.

When the light is flashing, the hot water tank is being heated and will not dispense hot water. When the child lock is off and hot is pressed the flashing number in the temperature indicator displays the temperature of the hot water tank.

15. Disinfection Indicator

When water is being dispensed, the UV lamp turns on to re-sterilize the water being dispensed and the indicator will illuminate. During automatic water circulation in the storage tank the UV lamp will also turn on and the indicator will show that the UV lamp is on.

16. High Wind Speed

Indicates the fan is running at high speed.

17. Wind Speed Control

Fan speed control. Press for low speed press again for high speed. Default fan speed is high.

18. Low Wind Speed

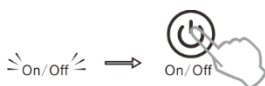
Indicates the fan is running at low speed.

19. Temperature

This shows the ambient temperature in the room.

9. Operating Instructions

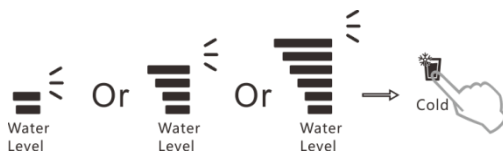
1. Plug the machine into a suitable power outlet. The buzzer will beep once. The machine will run a short diagnostic test. Wait for the power on/off light to start flashing. Press the on button.



2. Provided the temperature is above 15 °C with the humidity above 25% the machine will begin to produce water. The display will show temperature, humidity, PM2.5, disinfection, filter, water level and other functions will be on.
3. Water level shows the cold water level, when the water level of the cold 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.



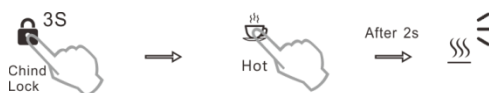
4. Low, medium or high levels of the cold water tank. The machine will allow dispensing of cold water.



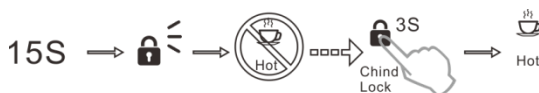
5. Press cold and after 2 seconds cold water will begin dispensing. The display will indicate the temperature of the cold water and cold indicator will be illuminated. Press cold again to stop dispensing water.



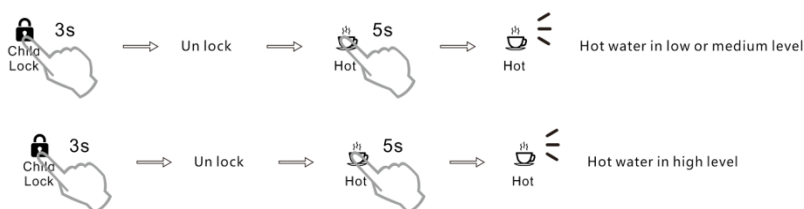
6. Hot water tank level is controlled by system. Press and hold Child Lock Button for 3 seconds. Hot water function will be unlocked. Press hot button and after 2 seconds hot water will begin dispensing. Press hot button again to stop dispensing hot water. The display will indicate the temperature of the hot water. The hot water tank is maintained between 83-95°C.



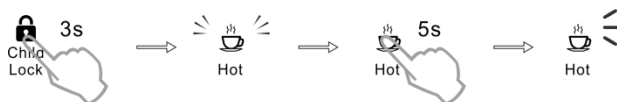
7. If the hot button is not pressed within 15 seconds the Child Lock will automatically lock and the machine will not dispense hot water. Press and hold the Child Lock button for 3 seconds and then press hot.



8. Switch off hot water function: Press and hold Child Lock Button for 3 seconds (Hot water function unlocked) Press and hold hot button for 5 seconds. (Hot water function is turned off) The Hot button will keep flashing to indicate the hot water tank is automatically draining back into the collection tank. If the collection tank is full, the hot water tank will not drain until the water level of the collection tank indicates low or medium level. After draining is completed, the hot button will no longer be illuminated on the display.



9. Switch on hot water function: Press Child Lock button for 3 seconds, Hot button flashing, Press and hold hot button for 5 seconds, Hot button illuminates and hot water function switch on. The hot water tank will automatically begin filling and then heating the water



10. The wind speed is adjustable. During water production the fan speed is high and the fan sound will be louder, the exhaust air temperature will be cooler. When low fan speed is selected the fan sound will be lower and the exhaust air temperature will be higher.



11. Filter indicator. When it flashes red the filters need to be replaced. To reset after filter change, press and hold Child Lock and Cold Buttons together for 3 seconds.

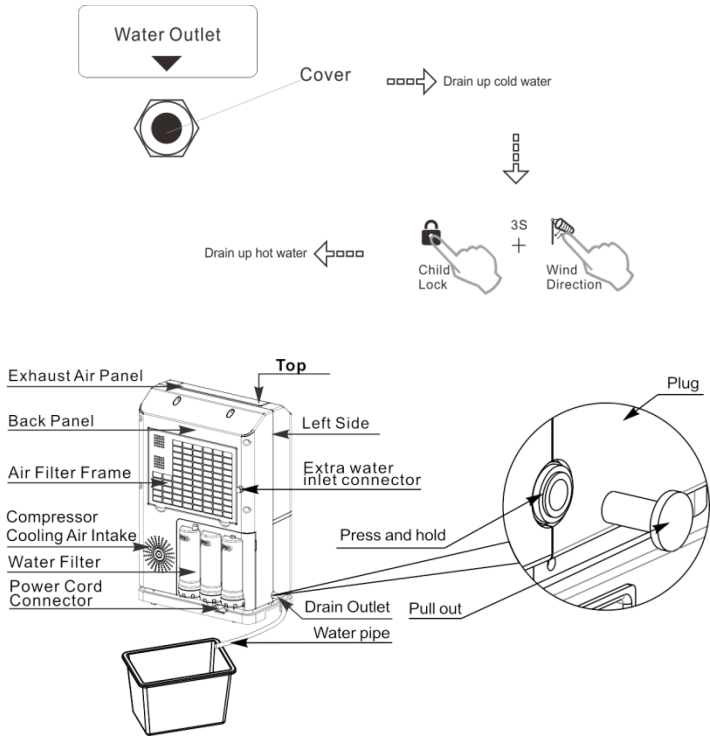


12. Air filter indicator. The light is normally off. When the light illuminates and flashes, the air filter needs to be replaced. After replacing the air filter, press and hold Child Lock and Hot buttons together for 3 seconds.

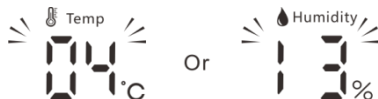


13. When the machine is on and the water tank level is above low level. The circulation pump and UV lamp will automatically switch on for eight minutes every six hours. During this operation the UV lamp indicator will illuminate.
14. When the water tank is full, the compressor will stop running. The fan will switch to low speed for 60 seconds and then stop.
15. To maintain high quality water, the water in the cold water tank is kept between 12-18°C and circulated regularly. The compressor will run and the water-making indicator light will be illuminated. This operation is automatic, lasts for 10 minutes and will begin if water the dispenser has not been used for 8 hours. This process will run in power on or off modes. During this operation it will not be possible to dispense hot or cold water.

- 16.** To drain the water in the cold and hot water tanks. Open the water outlet cover and the cold water will drain out when it has finished draining press and hold Child Lock and Wind Direction Buttons together for 3 seconds. The hot water tank will begin draining.



- 17.** 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. PM2.5 will still work.



18. E1 code indicates the temperature sensor is faulty.

E2 code indicates the humidity sensor is faulty.



19. E3 code indicates the cold water pump is faulty.

E4 code indicates the hot water pump is faulty.

E5 code indicates the evaporator temperature sensor is faulty.

E6 code indicates the cold water tank sensor is faulty.

E7 code indicates the hot water tank sensor is faulty.



Note:   means light flashing,  means light on.

Attention:

While dispensing or draining hot water, take care to avoid hot water burns.



10. Care & Maintenance

- 1) Clean the surface of the machine with a damp cloth.
- 2) Remove water collection tray, clean and replace.

Attention: When Cleaning

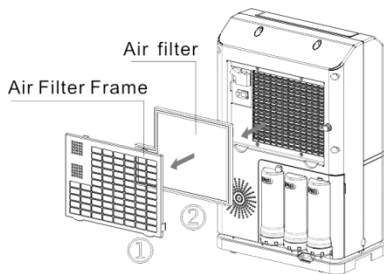
- 1) Clean the machine at least once per week.
- 2) When cleaning remove the power cable from the outlet.
- 3) Do not use hot water, any strong chemicals or solvents to clean the machine. Use a damp cloth with a mild soapy solution only.
- 4) Remove air filter cover, clean cover and internal mesh screen 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

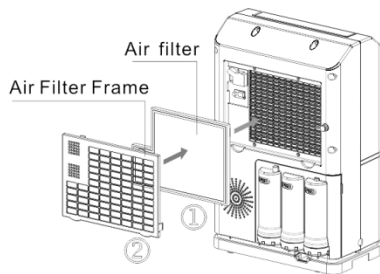
11. Replacement of Air Filter

The machine has microcomputer control of the filters. It will give a flashing warning on the display when the air filter needs to be replaced. The air filter life span is approximately 6 months depending on the placement environment.

- 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 Child Lock and Hot Buttons together for 3 seconds.
- 9) The Air filter warning will stop flashing on the display.



Removal Guide

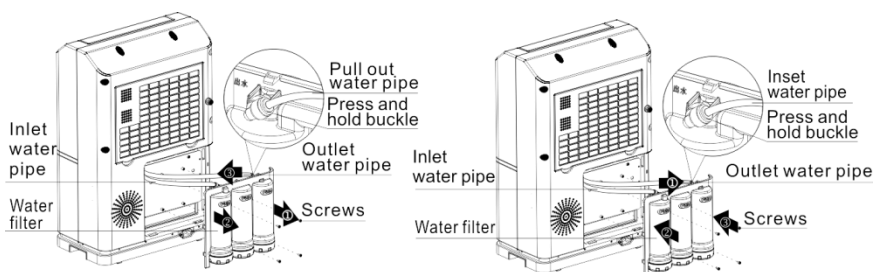


Installation Guide

12. Replacement of Water Filters

The machine has microcomputer control of the filters. The display will show the condition of the water filters by means of 6 white bars that will reduce in number as the filters reach the end of their lifespan. The filter bar will flash red on the display when the filters need to be replaced.

After water filter replacement the water filter warning will need to be reset. Press and hold the Child lock and Cold buttons together for 3 seconds. The lifespan of the water filters is approximately 3-6 months.



Reminder: It is important to change the water filters on time to ensure high water quality.

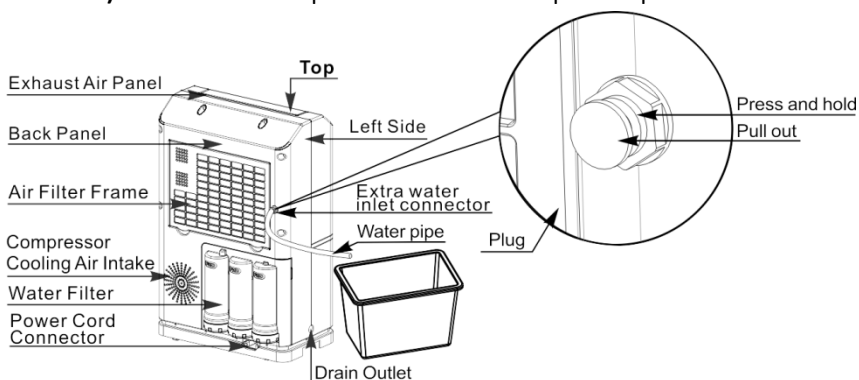


Attention: It is highly recommended to contact your local service center to arrange for filter replacement or any repairs on the machine.

13. External Water Inlet

- 1) The machine must be on before connecting to external water supply.
- 2) Connect the hose with pre-water filter to external water supply fitting. (Remove cap)

- 3) Press and hold the Wind Direction button for 3 seconds.
- 4) The display will change to external water supply.
- 5) Water will automatically begin transferring to the storage tank.
- 6) Once the storage tank is full it will automatically stop.
- 7) To manually stop water transfer, press off or cold button.
- 8) Remove hose& pre-water filter and replace cap.



14. Trouble Shooting

Problem	Possible Cause	Solution
Water Production is very slow	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%
	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	The machine is not levelled correctly or on an uneven surface.	Adjust the foot bearers to level and balance the machine.

	The supporting foot bearers are not distributing weight evenly.	
The machine is leaking water	If the machine was moved, it may have caused the tank to spill over.	If leaking continues, unplug machine and contact local service centre.
Press Cold and no water is dispensed	E3 Displaying	Unplug machine and contact local service centre.
	Water Level on display Red & Flashing	Tank level is too low, wait for tank level to rise.
Press Hot and no water is dispensed	E4 displaying	Unplug machine and contact local service centre.
	The Child Lock is on.	Press and hold Child lock for 3 seconds then dispense hot water within 15 seconds.
	The hot water temperature on the display is below 85 °C	Water is not hot enough. Please wait.
Press Hot and only cold water is dispensed.	The temperature sensor in the hot water tank is faulty.	Contact local service centre.
Press Child Lock but it does not unlock	E7 Displaying	Contact Local Service centre
Water dispenses slowly.	Water Filters need to be replaced.	Follow steps in section 12

15. Technical Specifications

Model: KLR – 28LA	Operating Temperature: 15 °C – 43 °C
Capacity: 20L/Day	Operating Humidity: > 25%
Rated Voltage: 220V~240V	Water Tank Volume: 9L
Frequency: 50 Hz	Water-Making Power: 400W
Water-Making Current: 1.8A	Heating Power: 450W
Heating Current: 2.0A	Total Power: 850W
Refrigerant: R134a	Refrigerant Volume: 220g
Anti-shock: I	Net Weight: 21kg
Water-proof: IPX0	Climate Type: T
Dimensions: 430 X 290 X 660(mm)	
Capacity: 20L/Day (Below 30 °C and 80% humidity)	

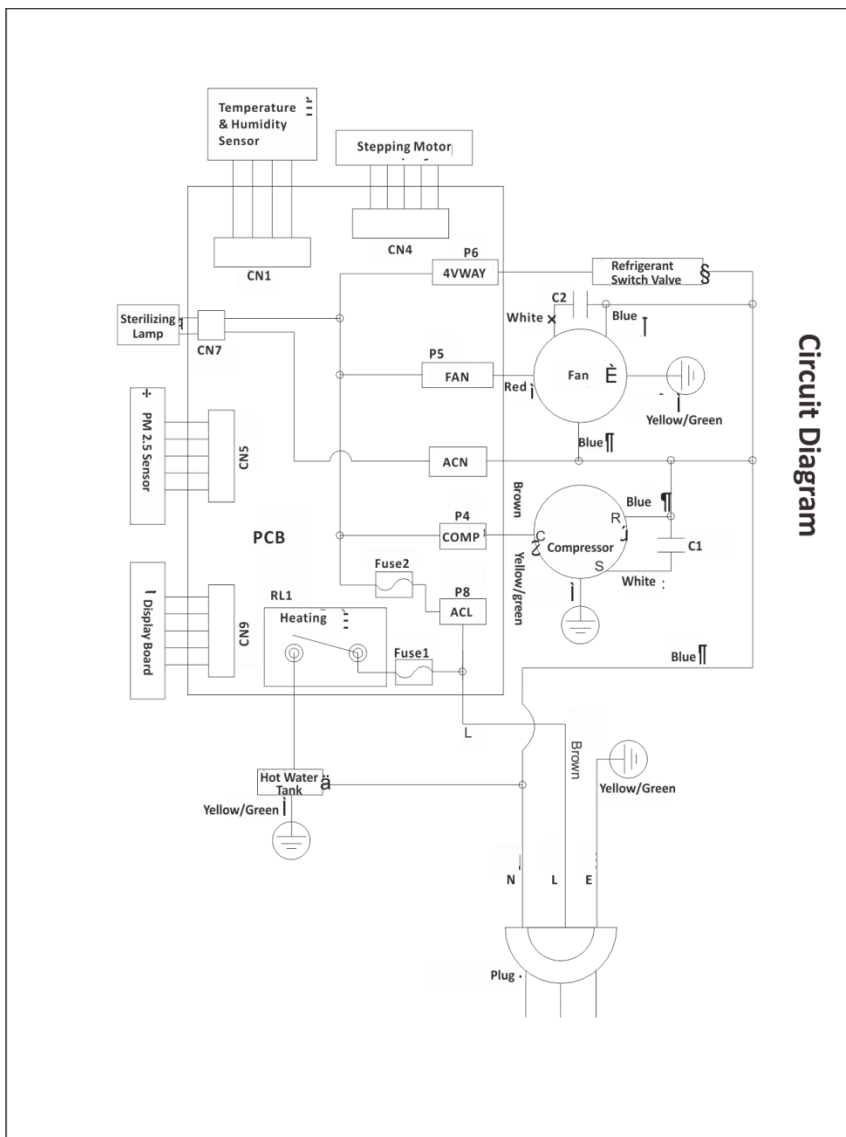
16. Packing List

Item	Quantity	Unit
Atmospheric Water Generator	1	pc
User Manual	1	pc
Water Tray & Cover	1	set
Power Cord	1	pc
10mm PE Pipe (50cm)	1	pc
6mm PE Pipe (1m)	1	pc
Warranty Card	1	pc

17. Replacement Filters

UF System (Water filters)	3 in 1 kit 1) M-cell Filter 2) Carbon Composite Filter 3) UF Composite Filter	Part Number
		MC7U1 CT7U1 CU7U1
Air Filter	3 in 1 Kit 1) Aluminium Separator 2) HEPA Cotton Filter 3) Activated Carbon Modified molecular sieve	Part Number
		FND-F20-AF

18. Circuit Diagram



Remark: above diagram is for your reference only, please take diagram on the back of machine as correct one.

19. Warranty

General Terms and Condition (GTC) contains regulations of warranty – that available under „Useful Link” section of the 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.



SERIAL No.:
DATE:

AWG-Europe Ltd.



Brand representation and customer service
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