



AquaPARS AP-10

Atmospheric Water Generator

USER MANUAL

Version 08/2024

Before using the Atmospheric Water Generator, please be sure to read the following pages which include the specified safety precautions. After reading, please keep this manual.

Because our products continue to improve, if there is an iterative update, no further notice.



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 for all biological life. Without water, there would be no life. 70.8% of the earth's surface is covered by water but only 3% of it is fresh as most of the freshwater is locked in icecaps and glaciers. All lakes, rivers, and swamps only account for 0.3% of available fresh water.

There are 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 of 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 for groundwater and the production of plastic bottles.

ATTENTION:

- Read this manual before connecting the machine to electricity.
- Please keep this manual for future reference.



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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 more.

2. Product Features

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

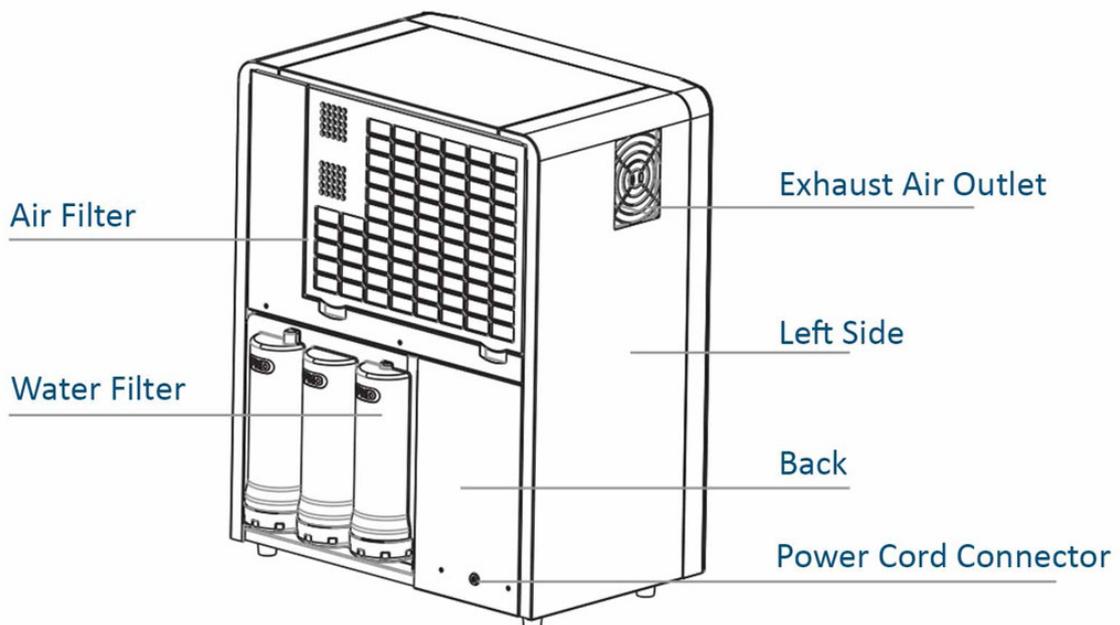
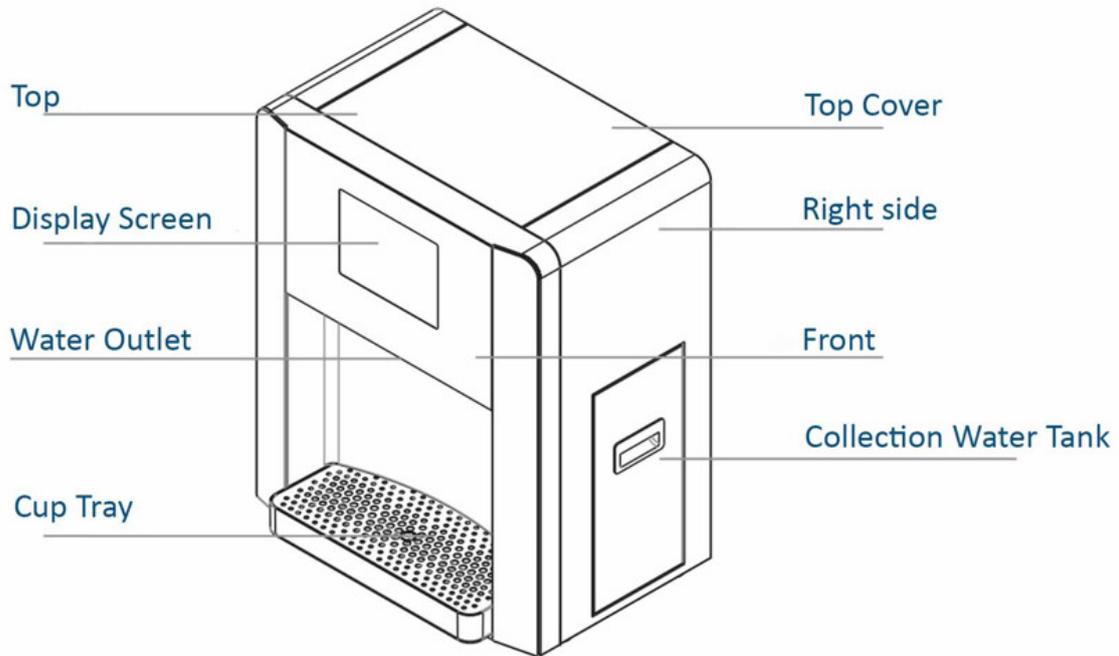
3. Safety Instructions

- 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 the 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.
- In case of any abnormal sound, smell, temperature, or leakage occurs, please disconnect from the power supply and contact us 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 the machine in the best possible location.
- The machine should be operated in temperatures above zero.
- Do not remove the back cover of the machine.
- Children should be supervised when operating the machine.

4. Product Map

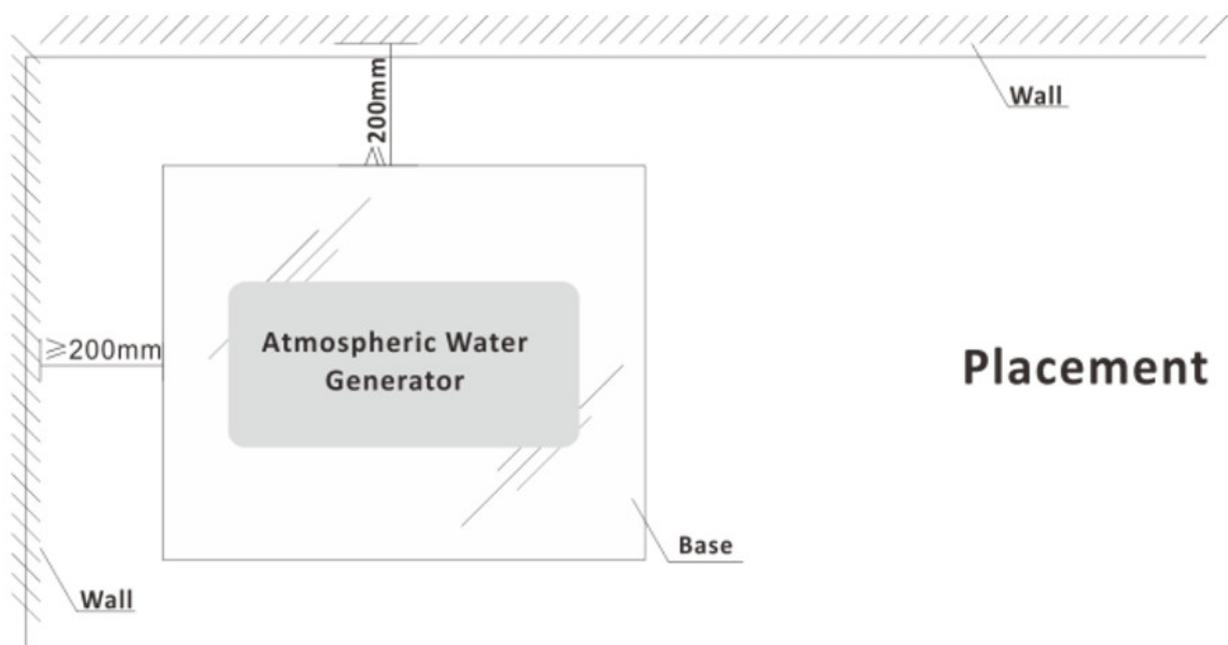


5. Installation Guide

The machine must be placed on a firm horizontal surface.

Avoid placing the machine at any angle, this may result in excessive noise during operation.

Ensure a minimum gap of 20 cm between the machine and walls to allow sufficient cooling and ventilation.



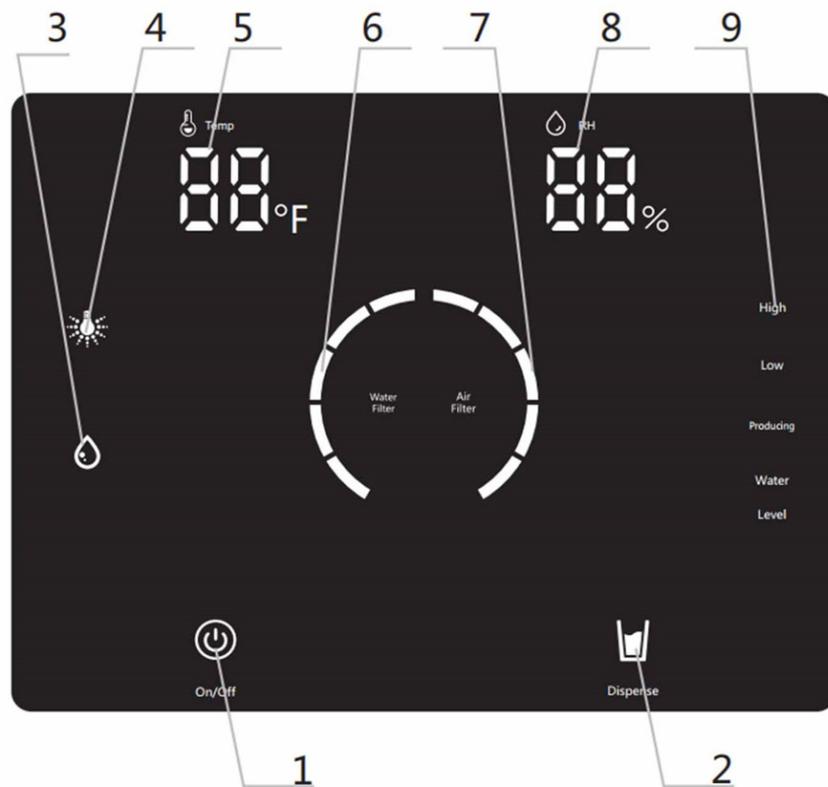
Leave the machine in its final position for 4 hours before turning the power on. This will allow for optimum operation.

Ensure the machine is positioned with enough ventilation.

The time required to produce a full tank of water is dependent on the relative humidity of the room.

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.

6. Display introduction



- 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



Functions

1. On/Off

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

2. Water outlet

Touch the water outlet to get cold water, then touch again to stop.

3. Water Making Indicator

The indicator light flashes during water production.

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

4. UV

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

5. Temperature

Display ambient temperature

6. Water Filter

This shows the condition of the water filters. 5 white bars mean new filters. When the bars light off need to be replaced.

7. Air filter

This shows the condition of the water filters. 5 white bars mean new filters. When the bars light off need to be replaced.

8. Humidity

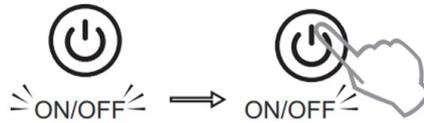
Display ambient temperature

9. Water level

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

7. Operating Instructions

1. ON/Off



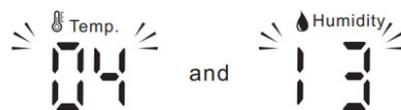
1. Water Outlet



Note:

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 a low level or higher on the display.

3. When the 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:

E1 code indicates the temperature sensor is faulty

E2 code indicates humidity sensor is faulty

E3 indicates the middle of the evaporator temperature sensor is faulty

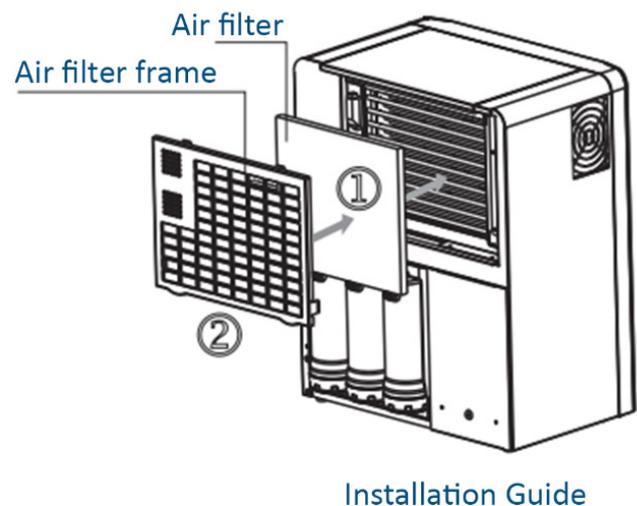
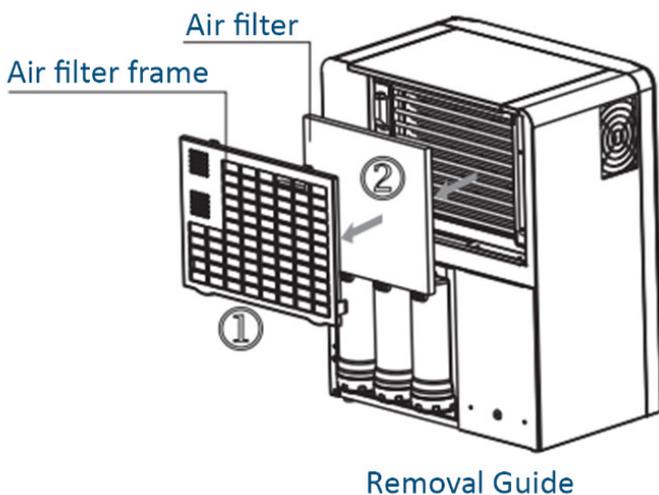
When the ambient temperature is below 15°C, the temperature indicator flashing

When ambient humidity is below 25%, the humidity indicator flashing



8- Replacement of Air Filter

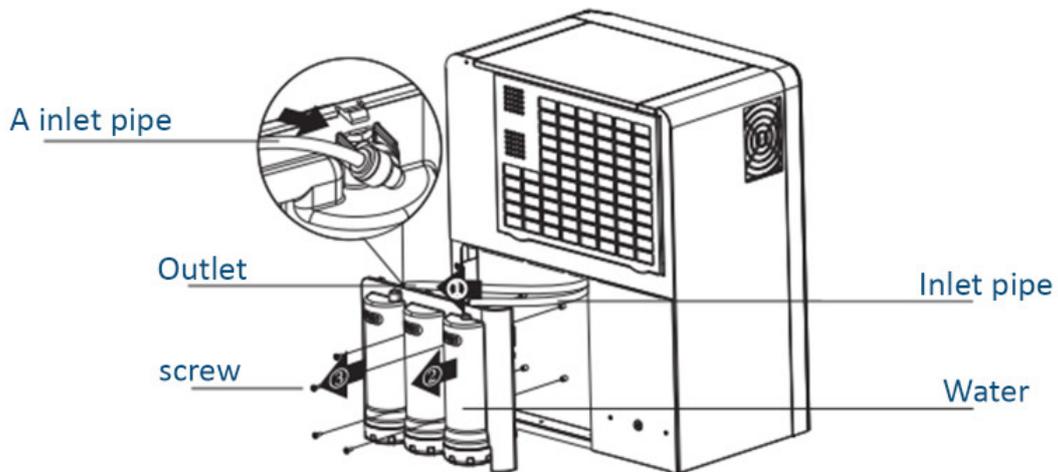
1. Press the On/Off button to turn the machine off.
2. Remove the air filter frame.
3. Remove the air filter.
4. Clean the air filter frame and mesh screen on the inside with a damp cloth.
5. Install a replacement air filter.
6. Replace the air filter frame.
7. Press the On/Off button to turn the machine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



9- Replacement of Water Filters

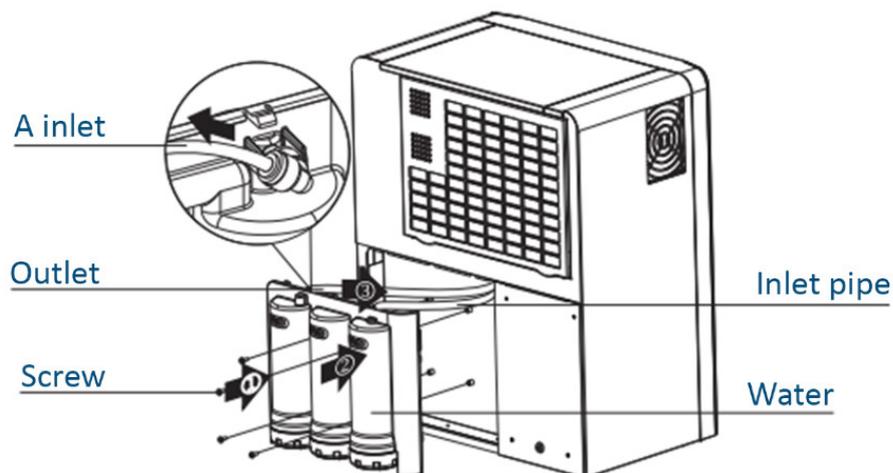
Removal Guide:

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



Installation:

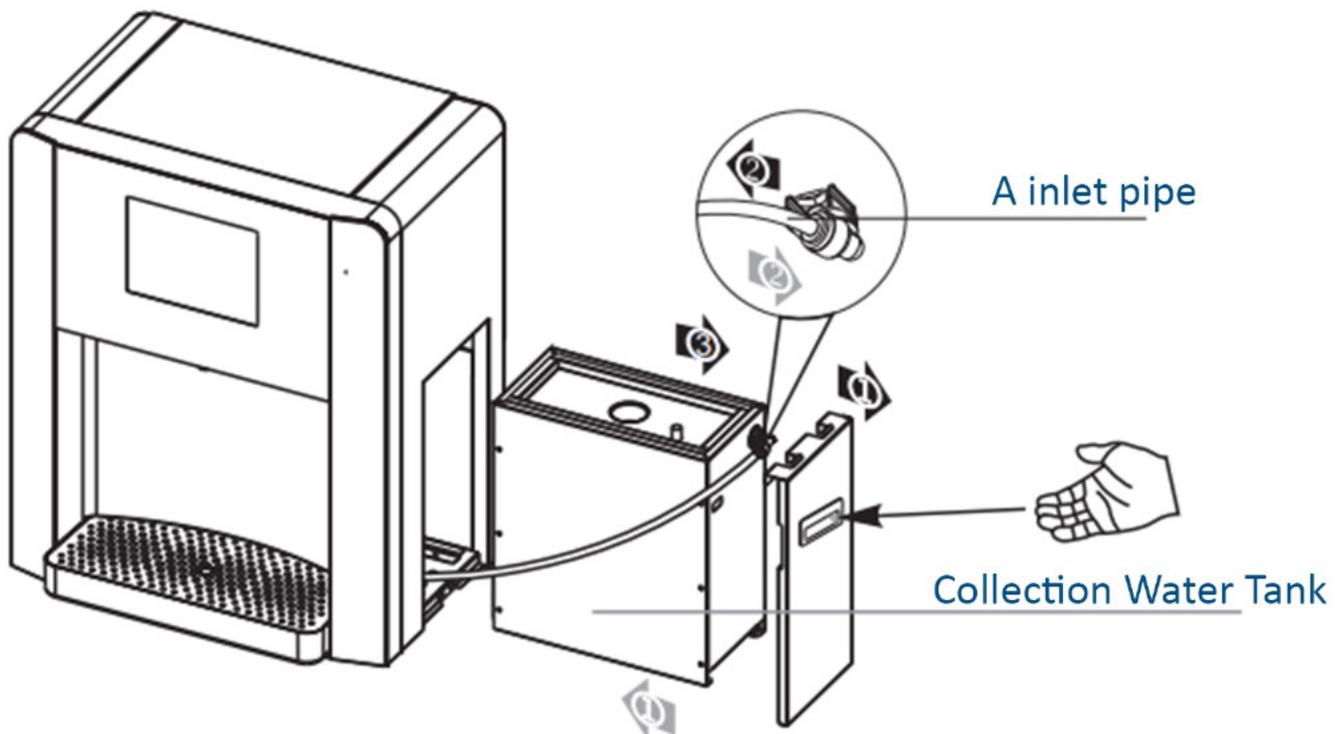
1. Connect the inlet and outlet water pipe with the new water filter
2. Replace the water filter
3. Fix four screws of the water filter frame
4. Reset by pressing and holding the on/off button and Water Outlet together for 3 seconds



10- Cleaning collection water tank

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

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





11- Care and Maintenance

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

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 the air filter cover, clean the 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, that the power cord and connector are free from damage and moisture.
7. If the machine has been left standing and unplugged from power for a long period. First, drain the water tank and dry off the machine before turning the power on again.

Do not wash the main air filter or wipe with a damp cloth.



12- Troubleshooting

Problem	Possible Cause	Solution
Water production is very slow	Room temperature or humidity is out of working range.	The compressor will not run if the room temperature is below 15°C or above 43 °C or if the humidity is below 25%
	Air circulation is poor.	Place the Machine in an area with better air circulation.
	The air intake is blocked.	Remove any obstructions.
The compressor is not running	Check the power connection.	Avoid losing connections
	Check if the voltage is stable.	Use a 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.
	Room 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 is placed 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 the leaking continues, unplug the machine and contact us.
Press dispenser button and no water is dispensed	E3 Displaying	Unplug the machine and contact us.
	No water at the water tank	The tank level is too low, wait for the tank level to rise.
Water dispenses slowly.	Water filters need to be replaced.	Follow the steps of replacing water filters