



# AG-1500 Antibacterial Vaporizer

**USER MANUAL**  
- ENGLISH





## Safety Information



Thank you for choosing Air Guard. Please read the following safety information carefully before operating the machine. This information includes important safeguards about installation, usage, and maintenance. Pay attention to all warning labels and instructions in this manual and printed on the machine.

- Keep this device dry.
- Always connect to a grounded circuit to avoid risk of electrocution.
- Before connecting the machine to power, always check the voltage indicate on the machine matches to your local AC voltage. Do not use the machine if AC power voltage does not match.
- Disconnect the machine from AC power before servicing and when not in use.
- If the supply cord is damaged, contact your local dealer for replacement.
- This product is for indoor use only! Do not expose to rain or moisture. If fluid is spilled, disconnect AC power and clean with a damp cloth. If fluid is spilled onto electronic parts, immediately unplug the machine and contact your local dealer for advice.
- No user serviceable and modifiable parts inside. Never try to repair this product, an unauthorized technician may lead the machine to damage or malfunction.
- For adult use only. Children being supervised not to play with the machine. Never leave the machine running unattended.
- The machine is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Installed in a well ventilated area. Provide at least 50 cm space around the machine.
- Never add flammable liquid of any kind to the machine.
- Make sure there are no flammable materials close to the machine while operating.
- Only use Air Guard Antibacterial Solution. Other solution may lead to heater clog and malfunction.
- If the machine fails to work, unplug the machine and stop operation immediately. Contact your local dealer for advise .
- Before transporting the machine, make sure the fluid tank is completely drained.

- Air Guard Antibacterial Solution may present health risks if swallowed. Do not drink Air Guard solution. Store it securely. In case of eye contact or if solution is swallowed immediately look for medical advice.

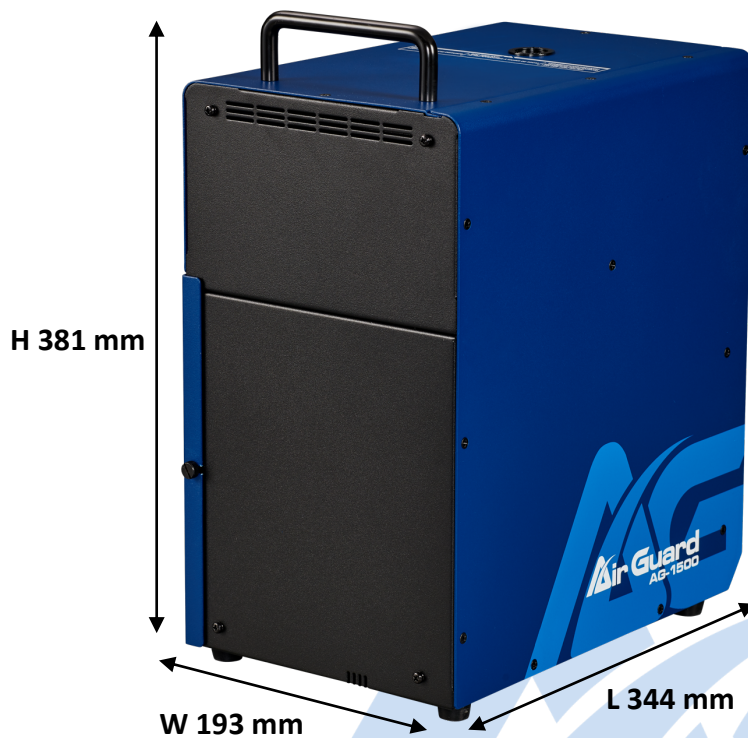
## Unpacking and Inspection

Immediately upon receiving the antibacterial vaporizer, carefully unpack the carton, check the content to ensure that all parts are present and have been received in good condition. If any parts appear damaged or mishandled from shipping, notify the shipper immediately and retain the packing material for inspection.

**What is included:**

- 1 x AG-1500 Antibacterial Vaporizer
- 1 x Wireless Remote Control
- 1 x Power Cord
- 1 x User Manual

## Product Dimensions



## Product Overview



## Setting Up

**Step 1:** Place the machine on a flat surface and in a suitably large area with at least 50 cm open space at each side of the machine and 2 meters for the output direction of the machine.

**Step 2:** Fill the fluid tank with Air Guard fluid.

**Step 3:** Connect the machine to suitably rated power supply. To determine the power requirement for the machine refer to the label on the back of the machine.



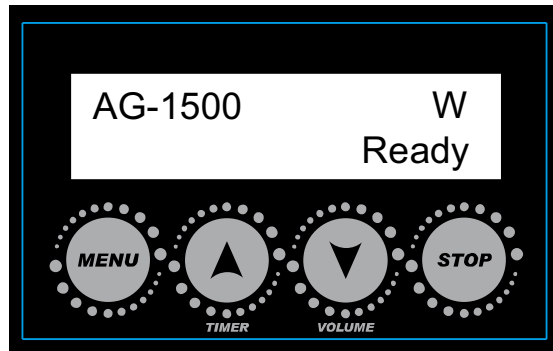
**Always connect the machine to a protected circuit and ensure it is properly grounded to avoid risk of electrocution.**

**Step 4:** Turn on the machine by connecting the power cord. Heat-up takes approximately 6 minutes. Once the machine has reached operating temperature, the LCD screen will display "Ready To Fog". Now the machine is ready for operation.

## Control Panel Operation

### Control Panel Operation

The machine can be operated with the onboard digital control interface.



Button	Function
[Menu]	Select from functions
[ ▲ / Timer]	To increase value or choose from options
	To activate <b>Timer Mode</b>
[ ▼ / Volume]	To decrease value or choose from options
	To active <b>Timer Mode</b>
[Stop]	To deactivate Timer function
	Or to select and memorize the setting

## Control Menu

Output Time	30 Sec
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Set output time 30, 60, 90, 120, 150 or 180 seconds

Output Volume	Normal
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Set output volume to normal or high

Wireless	Off
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Turn On/Off wireless control

## Wireless Remote Control Operation

Wireless remote control system W-1 consists of a transmitter equipped with two buttons to activate, deactivate and an onboard receiver attached to the rear panel of AG-1500.



*W-1 Wireless Transmitter*

Press [A] button to emit fog and press [B] button to stop.

In an unobstructed open space the effective distance is 50 meters, usage depending on obstacle level the effective distance is 10-25 meters.



*Wireless Receiver*

### **Registering transmitter**

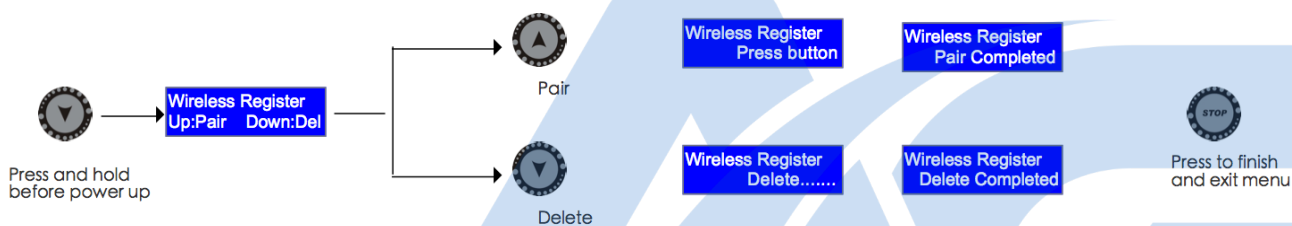
Transmitter can be paired or deleted from the receiver. Each receiver can pair up to 10 transmitters. Follow below steps to pair or delete transmitter from receiver.

Step 1: Power off AG-1500 Antibacterial Vaporizer

Step 2: Press and hold [DOWN] button

Step 3: Turn power on and release [DOWN] button when LCD display blinks

Step 4: Follow the menu instruction to pair or delete transmitter



## Notes:

One machine can be controlled by up to 10 transmitters while one transmitter can be paired with an unlimited number of machines.

### **Transmitter battery replacement**

If the effective distance seems to decrease, it is possible the battery level is low and requires replacement. In order to replace the battery, undo the three screws on the back of transmitter to release the cover. Replace with the same type and specification of battery which is 27A 12V

## Fluid



Use **Air Guard FLD / FLV** Antibacterial Solution for AG-1500. The machine is tested and calibrated with this fluid to achieve the best output performance. Warranty will be voided if any other type of liquid is used, improper use of liquid may lead to machine failure and malfunction.

## Service and Maintenance

- Do not allow the machine and fluid to become contaminated.
- Regularly fill distilled water to fluid tank and run the machine to clean the system. After cleaning, refill Air Guard fluids into fluid tank and make sure machine can produce fog properly.
- It is recommended to run the machine on a monthly basis in order to achieve best performance and output condition.
- Excessive dust, liquid and dirt built up will degrade performance and cause overheating.

### **Breaker Reset**



Disconnect AC power before resetting the breaker. Only replace fuse with same type and rating.

*Step 1:* Disconnect AC power.

*Step 2:* Flip breaker to ON position.

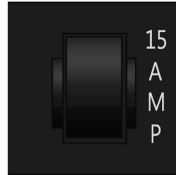
*Step 3:* Turn on machine for testing.



### **Breaker**

100-120V = 15A 250V

220-240V = 8A 250V



## Technical Specifications

- Input voltage	US model : AC 100-120V, 50 / 60Hz 12A EU model : AC 220-240V, 50 / 60Hz 6A
- Rated power	1450W
- Warm-up time	6 minutes (approx.)
- Fluid consumption	40 ml/min
- Fluid tank capacity	2.4L (0.63gal)
- Compatible fluid	Air Guard FLD Antibacterial Solution Air Guard FLV Antibacterial Solution
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Output	2 meters height
- Control	Timer Wireless
- Connection	IEC (Power)
- Dimension	L344 W193 H381 mm (L13.54 W7.60 H15 inch)
- Weight	10.7 kg (23.6 lbs)







**M22 Moisture Co., Ltd.**

Tel : +886 3 2227470 Fax : +886 3 2227469

[www.airguard.com.tw](http://www.airguard.com.tw) e-mail : [sales@airguard.com.tw](mailto:sales@airguard.com.tw)

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