

Anti Bacterial Technology



About Air Guard

Air Guard is headquartered in Taoyuan City, Taiwan. Our company consists of biotech professionals with more than 40 years of experience in research and development of aerosolizing technologies.

Taking advantage of our long-term global marketing experience, our R&D team focuses on listening to the needs of the market to develop effective high-tech disinfection products. Using our technical expertise to find simple ways to enhance the safety of living spaces by reducing germs in the environment.

Looking to the future, Air Guard will continue to improve on our already solid brand foundation with the focus on our corporate mission of improving living environments all over the world and delivering greater value to our customers.



Our Offerings



Comprehensive Sanitizing Programs

Provide the most suitable disinfection program for each occasion and space.



Compliance With International Standards

All products comply with both domestic and international consumer safety and performance regulatory requirements.



Superior Market Experience

We are a professional management team with over 40 years of global marketing experience.



Professional Maintenance And Warranty

All products including accessories come with a 12-month factory warranty.



Innovative R&D Teams

We have cutting-edge research and development to quickly respond to the needs of the market.



Complete After-Sales Service

With maintenance and repair, technical support, and on-site training, we deliver excellent customer satisfaction.



Customized Service

Assisting customers to design and develop high-quality products with excellent performance and cost-effectiveness.








ESG Corporate Sustainability

With the goal of environmental protection and green energy, we fulfill our social responsibilities and contribute to the environmental sustainability of the world.

MODEL INTRODUCTION

■ ANTI-BACTERIAL VAPORIZER	03
■ AIR GUARD APPLICATION FEATURES	04
AG-800X	06-07
AG-1500 / AG-1600	08-09
AG-20	10-11
AG-3000	12-13
■ FLE ANTIBACTERIAL LIQUID	14-16
■ MHS ANTIBACTERIAL MOISTURIZING LIQUID	17
■ ALL-AROUND PURIFICATION SYSTEM	
AGU-200	18-21

Protecting What Matters Most Air Guard Disinfects, Deodorizes, And Cleans Air-Con Systems

-  Kills virus, bacteria, mould and fungi
-  Reduces the risk of influenza
-  Neutralizes bad odors
-  Improves air-conditioning efficiency
-  No rinse or wipe required



Air Guard Application Features



The Air Guard antibacterial fog nano-grade ultra-fine particles collide with floating respiratory aerosols and are absorbed thereby inactivating both bacteria and viruses. The fogging process also eliminates bad odors.



Air Guard is an industry leader with over 40 years of manufacturing experience. The machine's vaporization particle size is $<0.5 \mu\text{m}$ (1/10 the size of most other aerosol generators on the market). This allows for low noise, and ultra-dry fogging without any unwanted moisture.



Even without any airflow or circulation, Brownian motion causes the fog to completely fill the treatment area and stay in the air for more than 60 minutes, enhances the overall antibacterial effect.



The process is not harmful to any materials, electronic equipment, leather, wood, cloth, paintings...etc.



Having undergone TUV EU (SVHC) testing and toxicity analysis (CMR). The proprietary Air Guard FLE solution does not contain any harmful substances.



The fog enters deep into the air-conditioning system reducing dirt, dust, bacteria and leaves an anti-fouling antibacterial protective film within the cooling system. This eliminates odors and also enhances cooling systems' efficiency saving energy and money.



Does not require the cleaning or wiping down of surfaces after fogging.



Penetrates into places that can't be reached by any other means such as gaps, dead corners, air-conditioning ducts, etc. and also forms a 90-day long-lasting antibacterial protective film on surfaces.



The laboratory has proven to have 99.99% antibacterial effectiveness. Completely eliminates various bacteria such as Gram-positive bacteria, and Gram-negative bacteria, and also eliminates viruses, fungi, yeast...etc.





Popular Models AG-800X

The AG-800X is an easy-to-operate antibacterial fog machine suitable for use in smaller spaces such as cars, offices and homes.

When paired with Air Guard antibacterial liquid, it produces a 3D nano-fog which forms a long-lasting protective film completely covering irregular surfaces and even coats individual fibers of fabrics. This allows for prolonged and enhanced sanitizing.

Machine Features :

- Quick 2-minute warm-up time
- Built-in Timer
- When manually pushing button on the machine, fogs for 30 seconds
- When operated by wireless controller, fogs for 5 minutes
- Detachable power cord

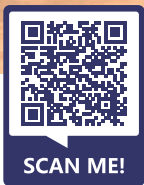
Reference Usage

Room to be treated (M ³ / ft ³)	Fogging time (minute)	FLE fluid usage (ml)
20 M ³ / 706 ft ³	1 min.	10 ml
60 M ³ / 2,118 ft ³	3 min.	30 ml
100 M ³ / 3,530 ft ³	5 min.	50 ml

Accessories

Wireless Controller







AG-1500/AG-1600 Fixed-Point Timing Suitable For Medium And Large Spaces

Designed for medium to large spaces such as banks, post offices, classrooms, libraries, restaurants, etc.

When paired with Air Guard antibacterial liquid, it produces a 3D nano-fog which forms a long-lasting protective film completely covering irregular surfaces and even coats individual fibers of fabrics. This allows for prolonged and enhanced sanitizing.

Machine Features :

- Adjustable output
- 10 different timer settings, to optimize output for room size
- Can be manual or timed
- Includes wireless remote control

Reference Usage

Room to be treated (M ³ / ft ³)	Fogging time (minute)	FLE fluid usage (ml)
80 M ³ / 2,825 ft ³	1 min.	40 ml
240 M ³ / 8,475 ft ³	3 min.	120 ml
400 M ³ / 14,125 ft ³	5 min.	200 ml

Accessories

Wireless Controller







AG-20 Battery Operated- Antibacterial Vaporizer

Ideal for quick and easy antimicrobial treatment in small to medium spaces. The built-in battery can be used at any time in a wide variety of places without power supply.

When paired with Air Guard antibacterial liquid, it produces a 3D nano-fog which forms a long-lasting protective film completely covering irregular surfaces and even coats individual fibers of fabrics. This allows for prolonged and enhanced sanitizing.

Machine Features :

- Requires no preheating or reheating
- Manually or timer operation, with multiple timer settings
- When switching from battery to plug-in operation, the fog will still continuously spray
- Includes wireless remote control

Reference Usage

Room to be treated (M ³ / ft ³)	Fogging time (minute)	FLE fluid usage (ml)
20 M ³ / 988 ft ³	1 min.	14 ml
84 M ³ / 2,966 ft ³	3 min.	42 ml
140 M ³ / 4,944 ft ³	5 min.	70 ml

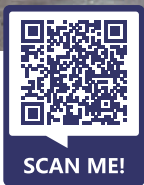
Accessories

Wireless Controller



FT-20 BCL







AG-3000 Suitable For Large Spaces With Easy Mobile Operation And High Output

Suitable for large venues such as gymnasiums, theaters, conference centers or auditoriums.

When paired with Air Guard antibacterial liquid, it produces a 3D nano-fog which forms a long-lasting protective film completely covering irregular surfaces and even coats individual fibers of fabrics. This allows for prolonged and enhanced sanitizing.

Machine Features :

- Ready to use without preheating or reheating
- Multiple timer settings
- When switching the power mode, the fog will still continuously spray
- Includes wireless remote control

Reference Usage

Room to be treated (M ³ / ft ³)	Fogging time (minute)	FLE fluid usage (ml)
260 M ³ / 9,181 ft ³	1 min.	130 ml
780 M ³ / 27,545 ft ³	3 min.	390 ml
1,300 M ³ / 45,909 ft ³	5 min.	650 ml





Original



Fruity



Lavender



OUD

FLE Antibacterial Liquid

Improved sanitation provides a safer environment

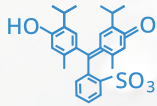
FLE Antibacterial Liquid is specifically designed for Air Guard fog machines. The antibacterial fog can quickly fill large areas and also cleans deep inside air-conditioning systems.



- Active ingredient is an herbally based germicidal which also deodorizes.



- FLE is created using a cutting-edge manufacturing process to produce the best antibacterial fogging formulation on the market. It is the only product truly suitable for undergoing high-temperature gasification without losing any active ingredients. It doesn't contain chloride and won't produce harmful gases such as chlorine, trihalomethane or any other harmful gases even when in contact with organic materials.



- Thymol is the main germicidal active ingredient in our fogging solution. Thymol is a safe natural occurring substance found inside of thyme plants and is listed by the US EPA as an effective active ingredient to kill COVID-19. It also works synergistically with other herbal antibacterial and deodorant compounds to allow us to produce the safest effective solution on the market today.



- US FDA registration, US National Drug Code (NDC) : 90014-001.
- US EPA registration, registration number : 99654-TWN-1
- Comply with EU ECHA Bactericidal Products Regulation (BPR).
- Passed TUV EU REACH (SVHC) testing and does not contain harmful substances.
- Passed TUV Toxicity Analysis Report (CMR) and does not contain carcinogenic, mutagenic or reproductive toxic substances.
- 99.99% antibacterial eradication rate, verified by TUV, SGS and Super Lab (GLP&TAF certification).
- Effective against human coronaviruses, verified in the French laboratory
- ANALYTICE® test method : EN 14476
- Highly effective antibacterial agent, verified by the Dubai Central Laboratory Department.



Instructions

①



Recommended amount of FLE liquid :
Use at least 10 ml of liquid per 20 cubic
meters (706 cubic feet) of room volume.

②



Keep people, animals, food, and eating
utensils out of the antibacterial treatment area.

③



Let the fog circulate for at least 30 minutes
and make sure to wait until there is no fog visible
before entering the room.

④



In enclosed spaces with few visitors and without
wiping off the protective layer, it can last 15-90 days,
this duration will vary with environmental conditions.

Recommended frequency of use:



Personal spaces : once weekly

Public spaces : once daily

MHS Antibacterial Moisturizing Liquid



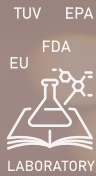
- Clean and safe: mild cleansing ingredients BKC, no triclosan, no Paraben-type preservatives.



- Hand moisturizer: The moisturizing ingredients have no alcohol and won't cause dry skin.



- Soothing plant extracts: Contains aloe vera, chamomile, and allantoin to strengthen the skin barrier and relieve discomfort caused by sun exposure, sensitivity, and dryness.



- Registered with the US FDA (Food and Drug Administration), US National Drug Code (NDC): 90014-002
- Use U.S. EPA-listed active ingredient against COVID-19, quaternary ammonium antibacterial (BKC)
- Compliant with EU BPR Biocidal Product Regulation Verification
- Passed the TUV EU REACH (SVHC) test: contains no harmful substances.
- Passed the TUV Toxicity Analysis Report (CMR): contains no carcinogenic, mutagenic or reproductive toxins.
- Antibacterial effectiveness tested by SGS, Super Lab.

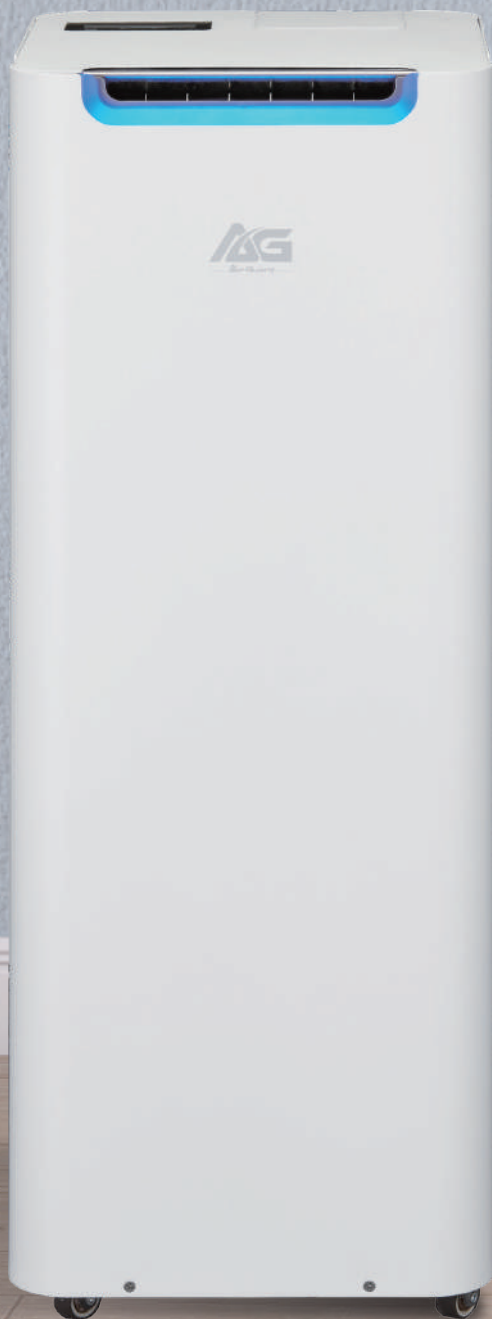


* 50ml portable size, 500ml economy size

AGU-200 All-Around Purification System

The risk of infection is now an important concern in our daily lives. Yet many people continue to ignore the invisible bacteria, fungi, viruses, and other germs that can be harmful to our well-being. Air Guard provides effective solutions that meet the best of international standards.

Air Guard AGU-200 is a general-purpose purification system which vaporizes disinfecting liquid into near nano-sized particles that both suspend in the air for a prolonged periods and quickly diffuse into hard to reach remote corners and crevices. This allows for a thorough and lasting disinfection providing you and your family with a safer and healthier living environment.



Preferred Solution:

Liquid disinfectants intended for use with ultrasonic vaporizers

Suggested Solution



Hypochlorous Acid
200ppm ↓



Chlorous Acid
200ppm ↓



Hydrogen Peroxide
3% ↓












Chlorine Dioxide
100ppm ↓



- * Do not use with flammable or highly corrosive liquids such as alcohol or bleach
- * When using disinfectant liquid products on the market, please follow their directions for use.
- * Reminders: Even for products which claim to be "highly safe", it is still recommended to avoid prolonged exposure when using them. If any irritation or redness develops and the condition is exacerbated, stop use and ask a doctor immediately.

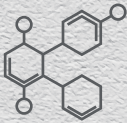
Recommend Usage

	 Normal	 Night	 High Efficiently	 Economy	 Personalized
 Treated Space	80~100m ²	20m ² ↓	100-200m ²	40-60m ²	200m ² ↑
 Interval	ON 10min OFF 50min	ON 5min OFF 115min	ON 20min OFF 40min	ON 10min OFF 50min	Personalized
 Cycles	8	4	3	6	Personalized
 Output Volume	1560ml	176ml	1170ml	840ml	Personalized

Specifications

Specifications	Dimension (L*W*H mm) : 245*275*680 Weight : 16.5 Kg Voltage : US AC 100-120V, 50/60Hz EU AC 220-240V, 50/60Hz Power Rated : 200W
Modality	Ultrasonic
Usage	Space Anti-bacterial Disinfection
Consumption (indoor low airflow state)	Consume 195ml Cover 80~100 m ² 10min *Antibacterial efficacy varies with the liquid used
Space Suspension Time	Above 30~60min *Varies with type of liquid, temperature, humidity, and airflow.
Preferred Solution	Liquid antibacterial Disinfecting products *Do not use with flammable or highly corrosive liquids (Ex. alcohol, bleach water.)

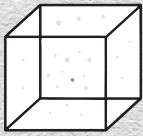
Application Features



1. Near Nano-Sized Particles

40 years of manufacturing experience has allowed us to achieve a vaporization particle size of 0.5-3 μm (1/10 the size of most other aerosol generators on the market). This allows for low noise and ultra-dry fogging without any unwanted moisture.

Even without any air flow or circulation, Brownian motion causes the fog to fill the intended area and stay in the air for more than 60 minutes which enhances the overall antibacterial effect.



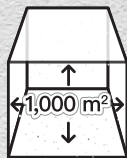
2. All-Around Coverage

Nano-grade ultra-fine particles collide with floating respiratory aerosols and are absorbed thereby inactivating both bacteria and viruses. Penetrates places that can't be reached by any other means such as gaps, dead corners, inside air-conditioning ducts, etc.



3. Flexible Operation

Multiple settings through single button operation (Normal, Night, High-efficiency, Economy, Personalized). Personalized modes to meet various space needs: adjustable-output, duration, interval, cycles, day of week settings, time of day.



4. Efficient Diffusion

The maximum coverage area 1,000 m^2
Output 10 min, can fill 80-100 m^2



Perfect Vaporization



All-Around Coverage



5 Liter Capacity



Wireless





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