

airgle[®]
Precisely Pure

airgle[®]
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Precisely Pure

AG300



AG2000



AG25



AG900



AG600





airgle®

Precisely Pure

Since 1999, Airgle Corp. has been an industry leader with worldwide distribution of air purification systems, both stand alone and HVAC compatible. Our professional-grade purification solutions are engineered to combat airborne pathogens, ultra-fine particulates and VOCs in all indoor settings. Headquartered in New York, we manufacture the only air purifiers possessing a CHEPA filter, with a capture threshold down to 0.003 microns and an ultraviolet titanium module, which can irradiate viruses and other pathogens with our photocatalytic oxidation technology.

Our systems have been third-party tested in the United States, including by a Biosafety Level 3 (BSL-3) laboratory. Performed in a real world, biocontained environment, testing confirmed the ability of our purifiers to capture and contain airborne microbial pathogens.

Airgle systems are the air purifiers of choice among hospitals, clinics (medical and dental), schools, HVAC contractors, offices, hotels, restaurants, retail and for all indoor air quality applications.

From Airgle Corporation's headquarters in the United States, we provide air purification solutions throughout North America. Additionally, for over 24 years, we've been extremely proud to have worldwide distribution in United States, United Kingdom, Canada, Germany, Austria, Denmark, Switzerland, Japan, South Korea, India, Singapore, Thailand, Vietnam, Saudi Arabia, United Arab Emirates, Qatar, Kuwait, Russia, China (the Mainland, Hong Kong and Macao) and Others.

Trusted by Healthcare and Companies Worldwide

Airgle has been tested to have extremely high control of the spread of infectious diseases, which earned multiple international certifications, and also approved by the FDA.

Medical Healthcare and Global Clients



Mercedes-Benz



K E R I N G



PHILIP MORRIS



Airgle Corp is proud of our partnership with the American Lung Association and the important clean indoor air initiatives we share.



Hospital-Grade Air Purification Systems

The **Airgle AG900**, originally designed for hospitals, can introduce **mechanical distancing™** for your employees by powerfully and rapidly purifying the air. Combined with frequent and consistent surface sanitation, Airgle Clean Room Air Purifiers can help improve productivity and reduce preventable absences through a clean and productive work environment.

But, how? The media says viruses are too small to be captured by filters.

It is true that even standard HEPA filters clean only to $0.3\mu\text{m}$. It is also true that nanoparticles, such as viruses, can pass through ordinary filters and may remain airborne almost indefinitely. Influenza and corona viruses can be as small as $0.08\mu\text{m}$. And, the common cold virus is even smaller: only 30nm ($0.03\mu\text{m}$).

The Airgle **AG900** is different:

- MERV-19, **cHEPA Filter** removes particles as small as 3nm ($0.003\mu\text{m}$) with a 99.999% efficiency.¹
- Patented **Titanium Pro®** module sends out millions of hydroxyl radicals into the air to destroy harmful organics, like viruses.²
- 6 lbs. of activated carbon blend in the **Gas & Odor Filter** removes dangerous gasses and chemicals.
- The AG900 removes 99.9999% of bacteria.³
- It's quiet and highly efficient fan ensures fast room air changes.

An air change is when the entire volume of air in a room has been processed through the purification system. ACH refers to the number of air changes per hour.

1) Third party permeability testing.

2) Thousands of research papers detail the ability of hydroxyl radicals to inactivate or destroy viruses, bacteria, VOCs and other organic materials in the air and on surfaces.

3) Third party test results.

Small droplets filled with **COVID19** can remain airborne **in the air for 3 hours**

(National Institutes of Health¹)

Cough droplets spread over 20 feet and sneezes spread over 26 feet



What if you could reduce those **3 hours to 12 minutes** or less?

AG900 can purify the entire volume of air in a 617 ft² room in just 12 minutes. (For a 20'x20' room, it takes just 8 minutes.)

Airgle's Triple Purification Helps Achieve Mechanical Distancing™

Physical distancing keeps people away from potential pathogens. Another option is to keep potential pathogens away from people through *mechanical distancing*™. The less time a potential pathogen is in the air, the less chance it has to harm.

Airgle recommends **Triple Purification** with at least **5 ACH** (air change per hour) to minimize the time people are exposed to airborne pathogens which helps achieve **Mechanical Distancing**™. Foam seals and rigid aluminum filter frames ensure a 100% seal, so all air passes through Airgle's **Triple Purification** before returning to the room.

Zero Particles at Air Outlet



Triple Purification

- 1 6 lbs. of Activated Carbon blend in the **Gas & Odor Filter** removes VOCs, odors, and ozone.
- 2 40 sq.ft. of **CHEPA Filter** removes particles down to 3nm (0.003um). Filtering out virtually all sizes of airborne bacteria, viruses and other harmful particles.
- 3 Patented **Titanium Pro**® PCO Technology generates millions of hydroxyl radicals that attach to organic compounds and break them down into CO₂ and water. Generates no ozone.

(Filter sizes listed are for the AG900)

1) National Institutes of Health.: <https://www.nih.gov/news-events/news-releases/new-coronavirus-stable-hours-surfaces>.

Centralized Control with the APP

AG900

- Centrally & remotely manage 100s of devices
- Manage devices in multiple locations
- Create advanced time/date templates for all/some areas
- Remotely regulate speed & operation
- Monitor air quality in real time
- Notify filter replacement
- Manage devices for tenants/clients
- Use database for repeat sales, including filter replacements



Cost for Clean Air per 150 ft²

How much has Physical Distancing cost your organization?

Over a 3-year period, in a single, 617 sq. ft. workspace, the annual cost for clean air per worker is just \$421¹. It drops to \$262 over 10 years.

Contact your distributor for a consultation based on your needs². Discounts may be available for multi-unit purchase.

1) Amortized annual cost per worker calculation assumes: the national average of 150 sq. ft. of office space per employee; annual replacement of 3 filters – Gas & Odor Filter, cHEPA Filter and Titanium Pro[®] module; implementation of the Airgle recommendation of 5ACH; and the undiscounted retail price for a single unit.

2) The actual cost of deploying Airgle air purifiers in your office depends on work space size, employees per workspace, the ACH required for each workspace, and available discounts.



Precisely Pure

AG900

Airgle Clean Room Air Purifier
Enhanced Technology for Particle | Chemical | Odor | Microbe Filtration

Product Information

Model : Airgle Clean Room Air Purifier AG900	Noise: 33 / 68 dB(A)
Maximum Clean air delivery: 400 cfm	Voltage: 100-240V 50Hz - 60Hz
CADR (CFM) : Smoke: 398 cfm Dust: 400 cfm Pollen: 379 cfm	Maximum energy consumption: 120W
cHEPA Filtration Efficiency: 99.999% @0.003µm	Air cleaner dimensions (LxWxH): 19 x 17.7 x 25 in.
Room size : 617 sq.ft (5 ACH -Air Changes per Hour) 1234 sq.ft (2.5 ACH - Air Changes per Hour)	Air cleaner weight (incl. filters): 56.2 (lbs.)
Bacteria: 99.9999%	Fan motor: BLDC Motor
T.V.O.C Test: 99%	APP Control: iOS and android



Hospital-Grade Air Purification Systems

The **Airgle AG600**, originally designed for hospitals, can introduce **mechanical distancing™** for your employees by powerfully and rapidly purifying the air. Combined with frequent and consistent surface sanitation, Airgle Room Air Purifiers can help improve productivity and reduce preventable absences through a clean and productive work environment.

But, how? The media says viruses are too small to be captured by filters.

It is true that even standard HEPA filters clean only to $0.3\mu\text{m}$. It is also true that nanoparticles, such as viruses, can pass through ordinary filters and may remain airborne almost indefinitely. Influenza and corona viruses can be as small as $0.08\mu\text{m}$. And, the common cold virus is even smaller: only 30nm ($0.03\mu\text{m}$).

The Airgle **AG600** is different:

- **MERV-19, cHEPA Filter** removes particles as small as 3nm ($0.003\mu\text{m}$) with a 99.999% efficiency.¹
- Patented **Titanium Pro®** module sends out millions of hydroxyl radicals into the air to destroy harmful organics, like viruses.²
- 3.5 lbs. of activated carbon blend in the **Gas & Odor Filter** removes dangerous gasses and chemicals.
- The AG600 removes 99.9999% of bacteria.³
- It's quiet and highly efficient fan ensures fast room air changes.

An air change is when the entire volume of air in a room has been processed through the purification system. ACH refers to the number of air changes per hour.

1) Third party permeability testing.

2) Thousands of research papers detail the ability of hydroxyl radicals to inactivate or destroy viruses, bacteria, VOCs and other organic materials in the air and on surfaces.

3) Third party test results.

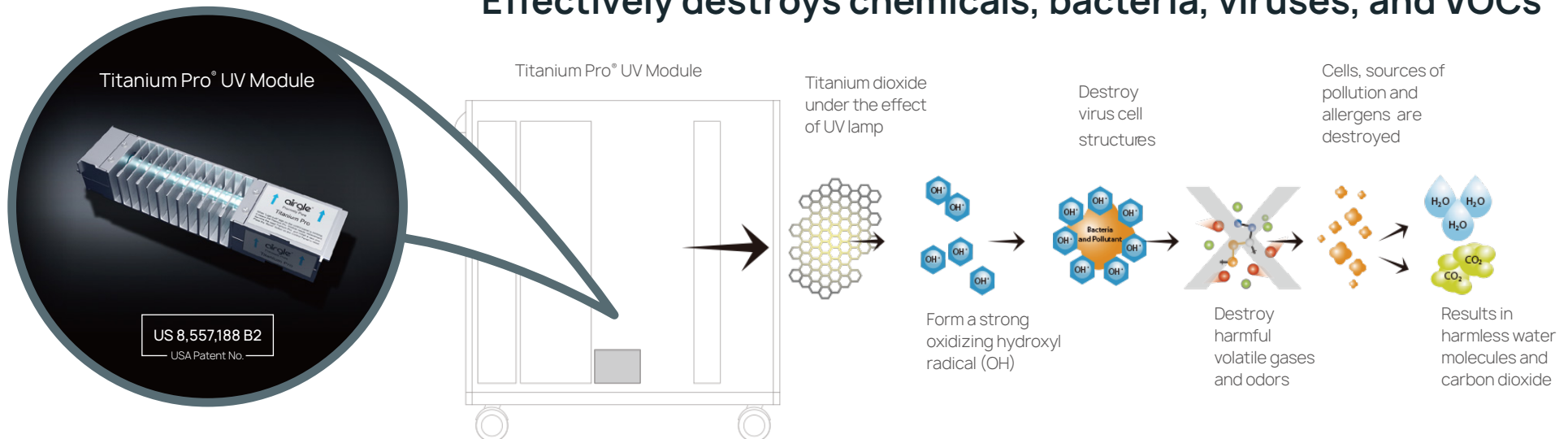
The Airgle Titanium Pro® Difference

Every minute, the patented, state-of-the-art **Titanium Pro®** module delivers millions of hydroxyl radicals* into the air - molecules made up of oxygen and hydrogen atoms. Hydroxyl radicals react with airborne organic pollutants, breaking them into simple molecules such as carbon dioxide and water vapor. They destroy living spores, bacteria, molds and viruses. Hydroxyl radicals also break down volatile organic compounds (VOCs) such as the odor-causing gasses from cleaning fluids, as well as other unpleasant odors.

Room air is pulled into the Airgle unit where it is filtered and purified first by the **Gas & Odor Filter**, and then by the **cHEPA Filter**. The **Titanium Pro®** then adds its hydroxyl radicals to the air just cleaned by those two powerful filters, before it is circulated back into the room. In other words, the air drawn into the Airgle unit will already be pre-purified by those hydroxyl radicals!

- 💡 10 watt UVC Lamp
- 🔌 Plug and play technology
- ⬇️ Very efficient at room temperature
- 🧪 No chemical additives
- 🌍 No residual ozone
- 💧 High oxidation yields for odors and VOCs
- ⚡ Low energy consumption
- ☂️ Works in humid conditions
- 👍 Long service life
- 🛠️ Low maintenance requirement

Effectively destroys chemicals, bacteria, viruses, and VOCs



* The Titanium Pro® module creates hydroxyl radicals by exposing titanium oxide (TiO_2) to ultraviolet light. Hydroxyl radicals are naturally occurring molecules in the atmosphere. In fact, they are often referred to as the "detergent of the troposphere" because hydroxyl radicals destroy many airborne pollutants by breaking apart the molecules of the pollutant.

Additionally, titanium oxide is a stable and harmless substance that is widely used in American food additives and cosmetics: so, it is totally safe in your home or office.

Centralized Control with the APP

AG600

- Centrally & remotely manage 100s of devices
- Manage devices in multiple locations
- Create advanced time/date templates for all/some areas
- Remotely regulate speed & operation
- Monitor air quality in real time
- Notify filter replacement
- Manage devices for tenants/clients
- Use database for repeat sales, including filter replacements



Cost for Clean Air per 150 ft²

How much has Physical Distancing cost your organization?

Over a 3-year period, in a single, 296 sq. ft. workspace, the annual cost for clean air per worker is just \$421¹. It drops to \$262 over 10 years.

Contact your distributor for a consultation based on your needs². Discounts may be available for multi-unit purchase.

1) Amortized annual cost per worker calculation assumes: the national average of 150 sq. ft. of office space per employee; annual replacement of 3 filters – Gas & Odor Filter, cHEPA Filter and Titanium Pro[®] module; implementation of the Airgle recommendation of 5ACH; and the undiscounted retail price for a single unit.

2) The actual cost of deploying Airgle air purifiers in your office depends on work space size, employees per workspace, the ACH required for each workspace, and available discounts.



Precisely Pure

AG600

Airgle Room Air Purifier

Enhanced Technology for Particle | Chemical | Odor | Microbe Filtration

Product Information

Model : Airgle Room Air Purifier AG600	Noise: 33 / 65 dB(A)
Maximum Clean air delivery: 219 cfm	Voltage: 100-240V 50Hz - 60Hz
CADR (CFM): Smoke: 191 cfm Dust: 197 cfm Pollen: 191 cfm	Maximum energy consumption: 55W
cHEPA Filtration Efficiency: 99.999% @0.003µm	Air cleaner dimensions (LxWxH): 15.6 x 15 x 20.2 in.
Room size : 296 sq.ft (5 ACH -Air Changes per Hour) 592 sq.ft (2.5 ACH - Air Changes per Hour)	Air cleaner weight (incl. filters): 35.5 (lbs.)
Bacteria: 99.9999%	Fan motor: BLDC Motor
T.V.O.C Test: 99%	APP Control: iOS and android



Meets California ozone emissions limit: CARB certified.



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Airgle AG300

Enhanced Technology for Particle | Chemical | Odor | Microbe Filtration

The Airgle Compact Air Purifier (AG300) is built for use in rooms of up to 144 square feet. It is equipped with cHEPA, activated carbon and Titanium Pro technology, which removes airborne pollutants, such as dust particles, odors, second-hand smoke, bacteria, viruses, allergens and VOCs. The AG300 safely removes harmful pollutants down to 0.003 microns with an efficiency of 99.999%.

AG300

Features

- H14 grade cHEPA ultra-fine filtration technology
- Filter 99.999% ultra-fine pollutants down to 0.003 microns in size
- PhotoCatalytic Oxidation TiO_2 Technology (Titanium Pro)
- 100% pressure-sealed technology
- Ultra-quiet design
- Air quality monitor
- Filter life monitor
- Infrared remote control
- Timer and night mode
- CARB Ozone free safety certification
- US Energy Star qualified
- ETL listed mark
- Apps for iOS and Android



• System Efficiency

The Airgle systems feature unique 100% pressure-sealed technology with no air bypass. The highest reading an air purifier can ever achieve on a particle counter test is zero- and Airgle has done it.

• Particle Filtration

Airgle cHEPA filtration provides superior removal of airborne particles. Certified to filter ultra-fine particles down to 0.003 microns, and with an efficiency rating of over 99.999%, our systems deliver exceptional performance.

• Molecular Control

In addition to removing particulate pollutants, the AG300 effectively removes molecular air pollutants such as volatile organic compounds (VOCs), gaseous chemicals, and unpleasant odors.

• Biological Control

The Titanium Pro module removes chemical gases and destroys harmful organisms like bacteria and viruses. The secret is our breakthrough titanium dioxide catalyst technology, paired with a germicidal UV lamp. This kills germs down to 0.01 microns in size.



• Advanced Control (APP)

The AG300 can be easily connected to your Wi-Fi. This offers you the added convenience of being able to control the device remotely using either the iPhone or Android app.

• Auto Mode

Selecting Auto Mode will enable your unit to automatically adjust to the optimum speed necessary to purify the air.

• Ultra-Quiet Design

Enjoy noise-free operation with the Airgle system's ultra-quiet motor technology. Whisper-quiet for your bedroom or office, the Airgle Air Purifiers register a surprisingly low 32 dB while continuously cleaning your air.

• Energy Saving

Airgle is proud that its systems have earned the Energy Star rating for low power consumption. The standby power for all Airgle systems uses a mere 1 watt. Want to save even more power when you're going to bed at night? Press and hold the Auto button to turn off the LCD screen.

• Five Year Warranty

With 5 Years for Residential Use and 2 Years for Commercial Use from the date of purchase, we are proud to have surpassed millions of installations worldwide, a testament to the quality and reliability of our products.

Specification



Model Name:	Airgle Compact Air Purifier (AG300)
Maximum Rated Air Flow:	100 cfm
Room size:	144 sq.ft (5 ACH - Air Changes per Hour) 288 sq.ft (2.5 ACH - Air Changes per Hour)
Fan Speeds:	5
Air Delivery (cfm):	11.8 / 24.7 / 44.7 / 68.2 / 100
Noise(dB):	32 / 38 / 48 / 55 / 65
Rated Power(With UV):	1.6W (Standby) / 8W / 10W / 13W / 22W / 45W
Housing Material:	PC + ABS Plastic
Dimensions (Inch):	H13.3*W11.7*D9.7 Inch
Guaranteed Excellence:	5 Years for Residential Use and 2 Years for Commercial Use



Personal Air Purifier

Enhanced PCO and cHEPA Technology for Particle | Chemical | Odor and Microbe Filtration

The Airgle Personal Air Purifier (AG25) is conveniently built for dual operation in both vehicle and office environments, making it very versatile. It's equipped with a cHEPA filter, Activated Carbon and PCO filtration technology, which removes airborne pollutants, such as dust particles, odors, second-hand smoke, bacteria, viruses, allergens and VOCs. The AG25 also features Airgle's auto cleaning technology and auto temperature control settings for ultimate comfort.

Specification



Model :	AG25
Application:	Cars, SUVs and Personal Office Areas
CADR (CFM):	9 CFM
cHEPA Filtration Efficiency:	99.999%
PM2.5 Removal Rate:	99.99%
Titanium Pro:	99.97%
Fan Speeds (CFM):	Low: 4.2 High: 9.9
Noise:	42 / 55 dB(A)
Voltage:	110-240V 12.5V DC
Power:	8W
Dimensions (LxWxH):	9.4 x 9.4 x 2.8 in.
Cigarette Lighter:	DC 12V
Power Adaptor:	DC 13.5V 2.6A

AG2000

Breathe Fresh Air All the Time

Enhanced Technology for Particle | Chemical | Odor | Microbe

The Airgle Fresh Air Ventilation System (AG2000) is an all-in-one solution for providing fresh air, filtered through a state of the art system of dual cHEPA filters and Titanium Pro technology to remove airborne pollutants such as outdoor pollen, dust particles, odor, smoke, bacteria, viruses and VOCs.

AG2000



Features

- Dual H14 grade cHEPA ultra-fine filtration technology
- Filter 99.999% ultrafine pollutants down to 0.003 microns in size
- PhotoCatalytic Oxidation TiO_2 technology (Titanium Pro)
- 100% pressure-sealed technology
- Ultra-quiet design
- Air quality monitor
- Air flow (230CFM)
- Apps for iOS and Android

AG2000

APP Management



Specification



Model Name:	Airgle Fresh Air Ventilation System (AG2000)
Maximum Rated Air Flow:	230 cfm
Fan Speeds:	5
Noise(dB):	32 ~ 63dB(A)
Maximum Energy Consumption:	56W+10W*2(UV Module)=76W
Housing Material:	SPCC
Dimensions (Inch):	L35.2*W16*H14.6Inch (895*406*372mm)
Guaranteed Excellence:	5 Years for Residential Use and 2 Years for Commercial Use



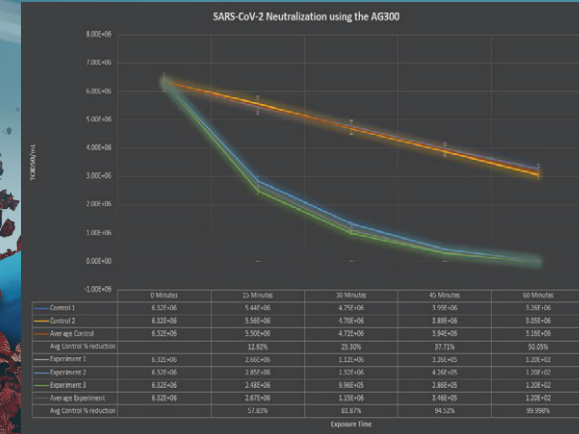
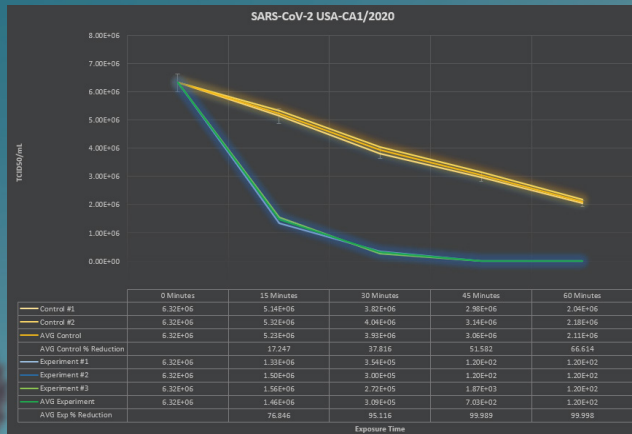
Meets California ozone emissions
limit: CARB certified.



AG900: COVID-19 (SARS-CoV-2) virus reduction of 99.998%

AG300: COVID-19 (SARS-CoV-2) virus reduction of 99.998%

(below the sensitivity limit of detection equipment)



- Purpose
To evaluate how much airborne virus can be removed by operating the AG900 product
- Testing organization
Certified BSL-3 laboratory in the United States
- Date of test
June 14, 2021
- Equipment Tested
Airgle AG900 Air Purifier
- Sample Virus
SARS-CoV-2 USA-CA1/2020

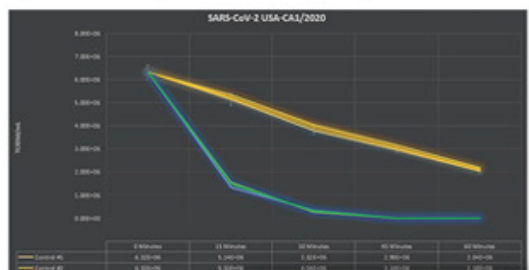
- Purpose
To evaluate how much airborne virus can be removed by operating the AG300 product
- Testing organization
Certified BSL-3 laboratory in the United States
- Date of test
June 2, 2021
- Equipment Tested
Airgle AG300 Air Purifier
- Sample Virus
SARS-CoV-2 USA-CA1/2020

Test Results

The Airgle AG900 and AG300 air purification devices performed to manufacturer's specifications and demonstrated a reduction to below testing equipment sensitivity of greater than a 99.998% reduction of recoverable active SARS-CoV-2 virus in the air after 60 minutes of operation. There was no cytopathic effect in the lowest concentration of vero e6 cells, indicating a SARS-CoV-2 virus concentration lower than the limit of detection after a 21-day incubation.

AG900: COVID-19 (SARS-CoV-2) virus reduction of 99.998%

(below the sensitivity limit of detection equipment)



cHEPA
Fractional Efficiency
99.999%
0.003 Microns

***As it per
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quantit
***As it pe
to an aver

A 6-log reduction (99.9999%) in bacteria.

Test Strain	Test Number	Original Bacteria Count V_0 (cfu/m ³)	Bacteria Count after Treatment V_1 (cfu/m ³)	Natural Decay Rate N_1 (%)	Original Bacteria Count V_2 (cfu/m ³)	Bacteria Count after Treatment V_3 (cfu/m ³)	Bacterial Rate K_1 (%)
1	1	2.75×10^8	1.95×10^8	29.09	3.98×10^8	1.60×10^3	99.9999



TEST REPORT

Date Received: Apr. 03, 2020
Date Analyzed: Apr. 13, 2020

Test Results	Control Group	Test Group	Efficiency
Number of Test	Original Bacteria Count after Treatment	Bacteria Count after Treatment	Bacterial Rate K_1 (%)
1	2.75×10^8	1.60×10^3	99.9999

AHAM
LABORATORY
CERTIFICATION PROGRAM
FED RATING (A-F)

Date: January 24, 2012

Model Number: AG600
Serial No./ID No.: N/A

Room Size: 27 sq. ft.
Standby Power: 0.4

CE
CERTIFICATE OF EMC
CONFORMITY

AHAM VERIFIDE Independently Tested. Consumer Trusted.

Dehumidifiers | Room Air Cleaners | Room Air Conditioners

www.AHAMVerifide.org

Search Room Air Cleaners:

Search Room Air Cleaners:

Brand	Model Number	Room Size (sq. ft)	Dust	Pollen	Tobacco Smoke	ENERGY STAR®
Airgle	AG600	296	197	191	191	Yes
Airgle	AG600S	296	197	191	191	Yes
Airgle	AG550	304	235	224	196	Yes
Airgle	AG500	369	253	239	238	Yes
Airgle	AG500S	369	253	239	238	Yes
Airgle	PurePal AG900	617	400	379	398	Yes
Airgle	PurePal AG800	698	> 400	> 450	> 450	Yes

Search Room Air Cleaners sidebar filters:
 Brand Name: Airgle
 Dust CADR: Equals
 Pollen CADR: Equals
 Tobacco Smoke CADR: Equals
 Volts/Frequency: English
 Units: English
 Room Size (Sq Ft): Calculate Rm Size
 ENERGY STAR®: Only show ENERGY STAR®
 View Listing By: Brand Name



Meets California ozone emissions limit: CARB certified.



airgle®

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AIRGLE® CUSTOMER CARE

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info@airgle.com

www.airgle.com

