

airgle

Precisely Pure

airgle

< airgie

Precisely Pure

AG2000



AG25

AG900

AG300









AG600

air

Precis



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, and are FDA-cleared as Class II Medical Devices.

From Airgle Corporation's headquarters in the United States, we provide air purification solutions throughout North America. Additionally, for over 26 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 ofinfectious diseases, which earned multiple international certifications, and also approved by the FDA.

Medical Healthcare and Global Clients























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 and FDA-cleared as a Class II Medical Device, 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 0.3µm. 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 µm. And, the common cold virus is even smaller: only 30nm (0.03µm).

The Airgle AG900 is different:

- MERV-19, cHEPA Filter removes particles as small as 3nm (0.003μm) 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
- 4.4 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.



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**^{\mathcal{M}}. 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 4.4 lbs. of Activated Carbon blend in the **Gas & Odor Filter** removes VOCs, odors, and ozone.
- 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.
- 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)

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 needs 2. 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







AG900

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

Product Information

Product Name: Airgle Clean Room Air Purifier (AG900)	Noise: 33 ~ 69 dB(A)
Maximum Rated Air Flow: 400 cfm	Voltage: 100-120V / 50-60Hz
Clean Air Delivery Rate (CADR): Smoke: 398 cfm Dust: 400 cfm Pollen: 379 cfm	Rated Power: 120W
cHEPA Technology: 99.999% @0.003µm	Product Dimensions (LxWxH): 19 x 17.7 x 24.8 in.
Room Size : 617 sq.ft (5 ACH -Air Changes per Hour) 1234 sq.ft (2.5 ACH - Air Changes per Hour)	Net Weight: 55 lbs
Bacteria Removal: 99.9999%	Fan Motor: BLDC Motor
Ozone: Certified by CARB (California Air Resources Board)	APP Control: iOS and Android



Hospital-Grade Air Purification Systems

The **Airgle AG600**, originally designed for hospitals and FDA-cleared as a Class II Medical Device, 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 0.3μm. 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 μm. And, the common cold virus is even smaller: only 30nm (0.03μm).

The Airgle AG600 is different:

- MERV-19, **cHEPA Filter** removes particles as small as 3nm (0.003μm) 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
- 2.2 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 guiet 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

3) Third party test results

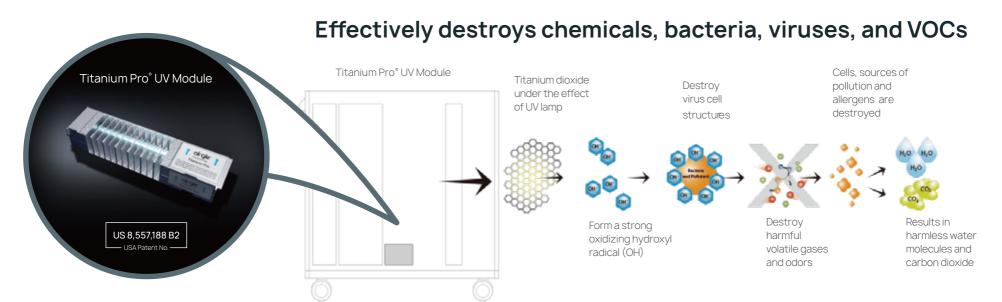
Thousands of research papers detail the ability of hydroxyl radicals to inactivate or destroy viruses, bacteria, VOCs and other organic materials in the air and on surfaces.

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!





^{*} The Titanium Pro® module creates hydroxyl radicals by exposing titanium oxide (TiO₂) 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 needs 2. 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 I Chemical I Odor I Microbe Filtration

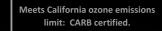
Product Information

Product Name: Airgle Room Air Purifier (AG600)	Noise: 32 ~ 65 dB(A)
Maximum Rated Air Flow: 200 cfm	Voltage: 100-120V / 50-60Hz
Clean Air Delivery Rate (CADR): Smoke: 191 cfm	Rated Power: 56W
cHEPA Technology: 99.999% @0.003µm	Product Dimensions (LxWxH): 15.2 x 15 x 20.4 in.
Room Size : 296 sq.ft (5 ACH -Air Changes per Hour) 592 sq.ft (2.5 ACH - Air Changes per Hour) Net Weight: 34.5 lbs	
Bacteria Removal: 99.9999%	Fan Motor: BLDC Motor
Ozone: Certified by CARB (California Air Resources Board)	APP Control: iOS and Android



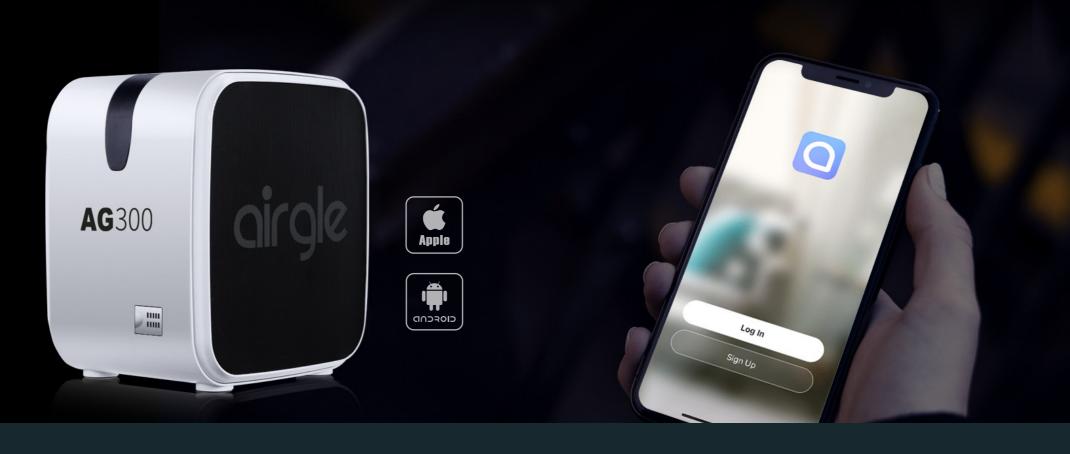












Airgle AG300

Enhanced Technology for Particle | Chemical | Odor | Microbe Filtration

The Airgle Room Air Purifier (AG300), FDA-cleared as a Class II Medical Device, was designed and engineered for spaces ranging from 144 sqft to 720 sqft, based on air changes per hour. 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 TiO₂ 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
- FDA-cleared as a Class II Medical Device

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 1.5 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 Commericial 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



Product Name:	Airgle Room 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 Motor:	BLDC
Air Flow (cfm):	11.8 / 24.7 / 44.7 / 68.2 / 100
Noise Level:	32 / 38 / 48 / 55 / 65 dB(A)
Test Power:	1.6W (Standby) / 8W / 10W / 13W / 22W / 45W
Housing Material:	PC + ABS Plastic
Product Dimensions (LxWxH):	11.7 x 9.7 x 13.3 in.
Guaranteed Excellence:	5 Years for Residential Use and 2 Years for Commericial Use



Personal Air Purifier

Enhanced PCO and cHEPA Technology for Particle I Chemical I 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



Product Name:	Airgle Personal Air Purifier (AG25)
Coverage Size:	Car environment and personal space
Clean Air Delivery Rate (CADR):	9 cfm
cHEPA Technology:	99.999% @ 0.003 µm
Formaldehyde Removal:	99%
Bacteria Removal:	99%
Fan Speeds (CFM):	Low: 4.2 High: 9.9
Noise Level:	41 ~ 55 dB(A)
1	
Noise Level:	41 ~ 55 dB(A)
Noise Level: Power Adapter:	41 ~ 55 dB(A) Input: AC100-240V / Output: 13.5V DC 2.6A
Noise Level: Power Adapter: Maximum Power Consumption:	41 ~ 55 dB(A) Input: AC100-240V / Output: 13.5V DC 2.6A 8W



Breathe Fresh Air All the Time

Enhanced Technology for Particle I Chemical I Odor I Microbe

Designed to integrate seamlessly with existing HVAC systems, the Airgle Fresh Air Ventilator (AG2000) features an advanced air purification system with dual cHEPA filters and dual Titanium Pro modules, adept at removing a broad spectrum of airborne pollutants such as pollen, dust, odors, smoke, bacteria, viruses, and volatile organic compounds (VOCs). The unit is further enhanced by Dual Sensor Technology, which includes CO_2 and particle sensors that not only monitor but actively manage indoor air quality by adjusting airflow to optimize oxygen levels and air purity. Additionally, its Automatic Air Quality Adjustment feature uses real-time data to continually refine settings, ensuring efficient and precise air management tailored for both residential and commercial settings. This makes the AG2000 a pivotal solution for maintaining excellent indoor air quality in integrated HVAC environments.



AG2000

Features

- Dual cHEPA Filters (H14 grade) MERV-19: These filters capture ultra-fine particulates and pathogens, such as viruses and bacteria, ensuring superior air purification and safety.
- Dual Titanium Pro® UV Modules: These modules utilize PhotoCatalytic Oxidation to effectively neutralize harmful microorganisms, further enhancing the air quality by breaking down molecular contaminants.
- HVAC Integration: The unit is designed to seamlessly integrate with existing HVAC systems, providing efficient and comprehensive air management.
- Pressure-Sealed System: The completely enclosed system prevents any air leakage, maximizing filtration efficiency and overall performance.
- Ultra-Quiet Design: The AG2000 operates quietly, making it ideal for use in both residential and commercial environments where noise minimization is crucial.
- Aluminum Construction: Built with durable aluminum housing and internal filter frames, the AG2000 is designed for longevity and robust performance.
- Dual Sensor Technology: Equipped with advanced CO₂ and particle sensors, the system automatically adjusts airflow to maintain optimal air quality and oxygen levels.
- Automatic Air Quality Adjustment: This feature dynamically adapts settings based on real-time environmental data, ensuring optimal air quality with minimal user intervention.
- Advanced Controls:
 - Filter Life Monitor: Alerts users when it's time to change the filter, aiding in maintenance and optimal performance.
 - Remote and App Control: Allows for easy adjustments and monitoring through an infrared remote or a mobile app, offering convenience and flexibility.
 - Timer Functionality: Users can set operating times to enhance energy efficiency and ensure air quality is managed according to specific needs.
 - Modes of Operation: Includes an auto mode that automatically adjusts air purification levels based on detected air quality, simplifying maintenance and ensuring effective operation.

AG2000

APP Management









Specification



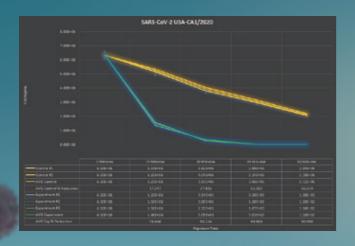
Product Name:	Airgle Fresh Air Ventilation System (AG2000)
Maximum Rated Air Flow:	230 cfm
Speed:	1,2,3,4,5
Noise Level:	32 ~ 63dB(A)
Rated Power:	80W
Housing Material:	SPCC
Product Dimensions (LxWxH):	35.2 x 16 x 14.6 in. (895 x 406 x 372mm)
Guaranteed Excellence:	5 Years for Residential Use and 2 Years for Commercial Use

AG900: COVID-19 (SARS-CoV-2) virus reduction of 99.998% AG300: COVID-19 (SARS-CoV-2) virus reduction of 99.998%



rborne virus can be removed by operating the AG300 product

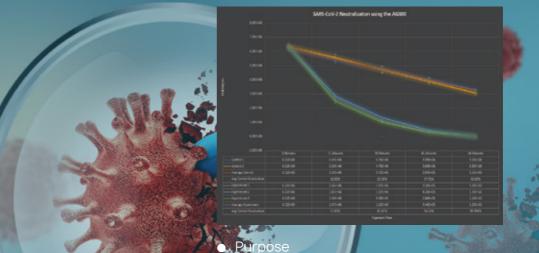
(below the sensitivity limit of detection equipment)



Purpose
 To evaluate how much airborne virus can be removed by operating the AG900 product

- Testing organization

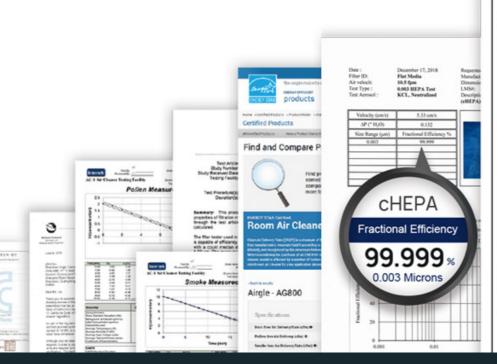
 Certified BSL-3 laboratory in the United States
- Date of test
 June 14, 2021
- Equipment Tested Airgle AG900 Air Purifier
- Sample Virus
 SARS-CoV-2 USA-CA1/2020

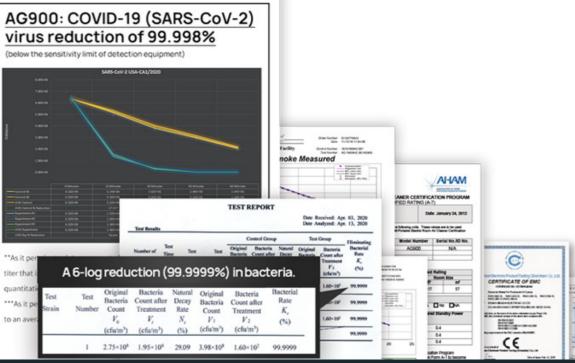


- Testing organization
 Certified BSL-3 laboratory in the United States
- Date of test
- Equipment Tested Airgle AG300 Air Purifier
- Sample Virus SARS-CoV-2 USA-CA1/2020

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.







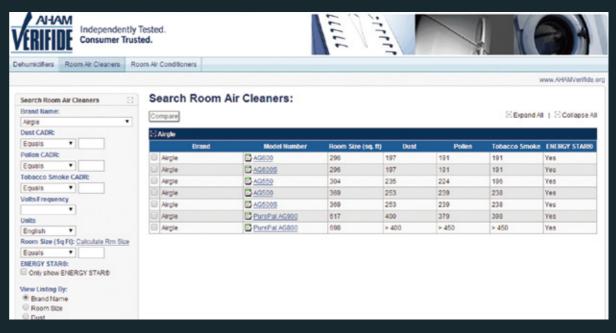




Meets California ozone emissions limit: CARB certified.









AIRGLE® CUSTOMER CARE Toll-Free: (866) 501-7750 info@airgle.com www.airgle.com

