



Meets California ozone emissions  
limit: CARB certified.



**airgle**<sup>®</sup>  
Precisely Pure



**AG 300**  
Air Purifier

airgle®



AG 300

Enhanced Technology for Particle | Chemical | Odor | Microbe Filtration



# AG 300

## Product Overview

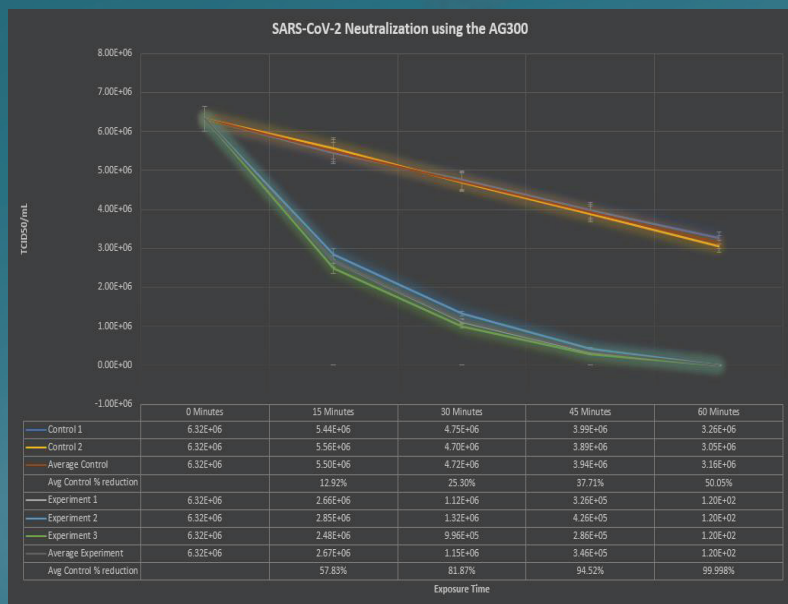
The Airgle® Room Air Purifier (AG300) was designed and engineered for spaces ranging from 144sqft - 720sqft, based on air changes per hour. Airgle air purifiers feature enhanced filtration technology that utilizes a cHEPA filter stage, premium activated carbon and Airgle's patented Titanium Pro UV Module to achieve unmatched air purification along with the reduction of airborne pathogens (including CoV-2), harmful chemicals and gases and other ultra-fine contaminants. Airgle's cHEPA filter possesses cleanroom-grade purification with an efficiency of over 99.998% at 0.003 microns. That is 100x more discriminating than traditional HEPA filter media.

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

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(below the sensitivity limit of detection equipment)



- 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

COVID-19 (SARS-CoV-2) virus

## Test Results

The Airgle AG300 air purification device 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.

The overall dimensions of the test chamber were approximately 10'x8'x8' with a displacement volume of 640 cubic feet. Based on cubic foot volume the chamber has 18,122.8 liters of air.

# AG 300



## Features

- H14 grade cHEPA ultra-fine filtration technology
- Filter 99.999% ultra-fine pollutants down to 0.003 microns in size
- PhotoCatalytic Oxidation  $\text{TiO}_2$  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

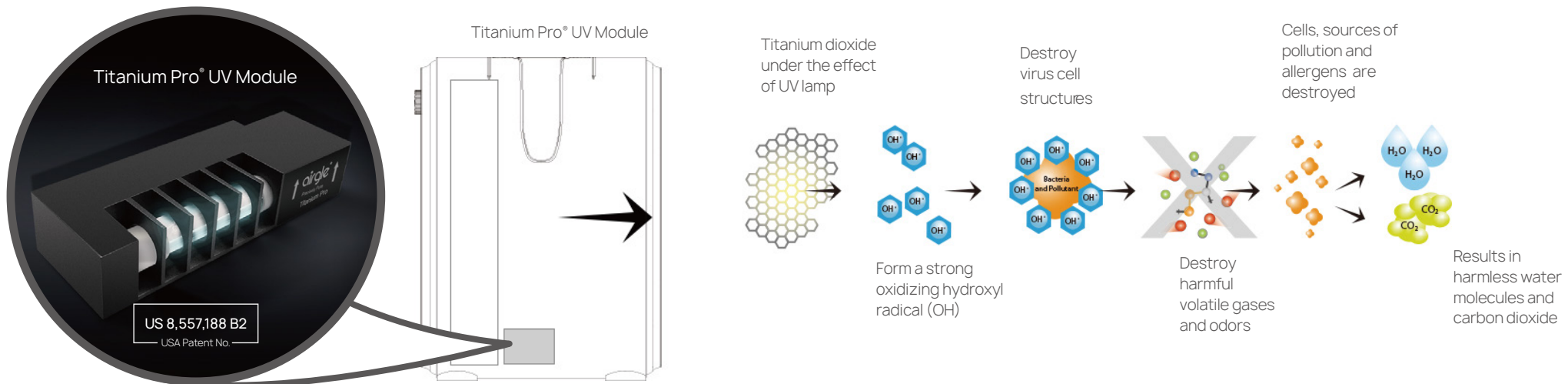
# The Airgle Titanium Pro® Difference

Every minute, the patented, state-of-the-art Titanium Pro® module delivers millions of hydroxyl radicals<sup>1</sup> 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. 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.

Air is drawn into the Airgle AG300 system where it's first filtered and highly purified by the Gas & Odor and cHEPA Filters. The Titanium Pro® UVC Module then creates hydroxyl radicals to further combat airborne pathogens and VOCs as the purified air is delivered into the space. This allows for all of the drawn air to be pre-purified by the hydroxyl radicals.

- 💡 3 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



1) 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 safe to use in a room setting.

## • 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.

## • Two Year Warranty

With a Two Year Warranty service, Airgle has been consistently providing high quality service to our hundreds of thousands of customers for over twenty years.

# AG 300

## APP Management





# Specifications



## Room Size:

720 sqft space (1 ACH)  
360 sqft space (2 ACH)  
240 sqft space (3 ACH)  
180 sqft space (4 ACH)  
144 sqft space (5 ACH)

Model Name:	Airgle Room Air Purifier (AG300)
Maximum Rated Air Flow:	100 cfm
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
Guaranteed Excellence:	2 Year Warranty



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AIRGLE® CUSTOMER CARE

Toll-Free:(866) 501-7750

[info@airgle.com](mailto:info@airgle.com)

[www.airgle.com](http://www.airgle.com)