

PuriFi technology works at the source of the problem, flooding every room with powerful long-life ions.

# PuriFi Generator

PuriFi

PuriFi works with the central HVAC system to purify the air and surfaces in the entire business or home.

Designed for use in residential, commercial, and industrial applications, the PuriFi Generator is part of the PuriFi intelligent air quality management system. It operates by continuously purifying the indoor environments during standard heating, cooling, and ventilation cycles and actively responds when a change is detected in indoor air quality. The PuriFi Sensor notifies the SmartHub, and the Generator is signaled to respond.

The proprietary cold plasma energy core divides and charges the molecules in your system's airflow generating a high-volume, patented blend of natural, long-life, positive and negative ions without releasing harmful byproducts. The technology naturally deactivates tested viruses and bacteria in the air and on surfaces, effectively neutralizing odors and breaking down VOCs while driving aerosols and particulates out of the air.



## Generator Quick Facts

- Eliminates up to 99.99% of tested viruses, allergens, odors, and bacteria in occupied environments\*
- Reduces airborne aerosols and particulates in the breathing zone such as PM1, PM2.5, and PM10\*
- Patented PuriFi O<sub>2</sub> Catalyst converts unwanted ozone into oxygen\*
- Reduced particulate levels are proven with the PuriFi PM Sensor's laser particle counter
- 5-Year Limited Warranty

## Test Report Findings

- Neutralized airborne SARS-CoV-2 by 75.1% in 14 minutes and 97.5% in 29 minutes\*
- Inactivated static SARS-CoV-2 by 99.994% within 60 minutes\*
- PuriFi technology demonstrated a 95% greater decay rate on SARS-CoV-2 than air circulation alone\*

\*Testing was performed via duct mounted installation in a large, fully sealed unoccupied chamber ranging between 70-72 degrees F and 45-55% relative humidity. There is currently no way to universally prevent coronavirus infections. PuriFi Labs encourages following hygiene guidelines in the manner suggested by government authorities. To view complete test reports, visit: [PurifiLabs.com/test-reports](https://www.purifilabs.com/test-reports). Actual results may vary based on environment and occupied space.

## Product Specifications

<b>Physical Dimensions (Maximum) – H x W x D</b>	12 x 8.5 x 14 inches (305 x 216 x 356 mm) – with Antenna 7.3 x 7.5 x 3.8 inches (185 x 191 x 97 mm) – Body Only
<b>Weight including Mounting Bracket</b>	5.0 pounds (2.3 kg)
<b>Housing Material</b>	Aluminum 5052
<b>Mounting Bracket Material</b>	Aluminum 5052
<b>Maximum Internal Operating Temperature</b>	150° F (66° C) Temporary Safety Shutoff; UL Certified to 180°F (82.2°C)
<b>Input Voltage</b>	100VAC – 240VAC; 50 or 60 Hz; NEMA 15 Receptacle
<b>Input Current Protection</b>	2A @ 120VAC, 1A @ 220VAC
<b>Current Draw</b>	0.10-0.25 Amps @ 120VAC
<b>Power Consumption (Ionizing Mode)</b>	14-20 Watts
<b>Power Consumption (Ozone Depletion Mode)</b>	3-5 Watts
<b>Effective Area (Volume)</b>	One Generator per 5 Tons of Cooling, 2000 CFM, or 2000-4000 sq. ft.
<b>Air Flow Volume per Device (Max)</b>	Up to 4000 CFM
<b>Ozone Control Feature</b>	Patented PuriFi O2 Catalyst Converts Unwanted Ozone to Oxygen
<b>High Voltage (HV) Transformer Output</b>	5-7kVAC
<b>Safety Features (Access)</b>	Door Interlock Switch, Special Access Key
<b>Safety Features (Operation)</b>	Fan Monitoring (RPM), Current Monitoring of HV Transformer
<b>Wireless Capability</b>	2.4GHz ZigBee 802.15.4 Standard

## PuriFi Generator Unit Dimensions

