

Innovative AMP technology works at the source of the problem, flooding every room with long-life, high-energy molecular ions.

PuriFi IQ Generator

PuriFi

Works directly with the HVAC system, actively responding for whole-building air and surface purification.

Designed for residential and commercial applications, the PuriFi IQ Generator actively responds to indoor air quality changes. As part of PuriFi's automated air quality management system, when a change in indoor air quality is detected, the PuriFi PM Sensor notifies the PuriFi Smart Hub, and the PuriFi IQ Generator is signaled to respond. It continuously purifies indoor environments during standard heating, cooling, and ventilation cycles until the Sensor verifies the air is purified and within your target air quality levels.

PuriFi's Airborne Molecular Purification (AMP) technology divides and charges the molecules in the HVAC system's airflow generating a high-volume blend of natural, long-life, molecular ions. AMP technology naturally deactivates tested viruses and bacteria in the air and on surfaces, effectively neutralizing odors while driving aerosols and particulates out of the breathing zone.*



IQ Generator Quick Facts

- Neutralizes up to 99.99% of tested viruses, allergens, odors, and bacteria in occupied environments*
- Reduces PM1, PM2.5, and PM10 airborne aerosols and particulates in the breathing zone*
- Patented PuriFi O₂ Catalyst converts unwanted ozone into oxygen*
- Reduced particulate levels are proven with the PuriFi PM Sensor's laser particle counter
- Compatible with PuriFi HC Generators
- 5-Year Limited Warranty

Test Report Findings

- Neutralizes tested airborne virus SARS-CoV-2 in real-world conditions: 97% total neutralization in 29 minutes*
- Demonstrates a 95% total airborne reduction of the SARS-CoV-2 Delta variant in 29 minutes, with a progressive reduction of 99.999% in 59 minutes*
- Inactivates 99.998% of the tested airborne SARS-CoV-2 Omicron variant in 59 minutes*

*Environmental Test Conditions: 1,280 cu. ft. biosafety room, 73°-77° F, 41%-45% RH, 170 CFM, and 8 ACH. Environmental Test Conditions: 1,280 cu. ft. biosafety room, 75°-79° F, 41% RH, 170 CFM, and 8 ACH. There is currently no universal solution for preventing coronavirus infections. PuriFi Labs encourages following hygiene guidelines in the manner suggested by government authorities. To view test reports on specific contaminants and performance levels of PuriFi, please visit: PuriFiLabs.com/test-reports/. Actual results may vary based on environment and occupied space.

Product Specifications

Physical Dimensions (Maximum) – H x W x D	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
Weight including Mounting Bracket	5.0 pounds (2.3 kg)
Housing Material	Aluminum 5052
Mounting Bracket Material	Aluminum 5052
Maximum Internal Operating Temperature	150°F (66°C) Safety Shutoff; UL Certified – max. ambient temperature in which the unit shall be used 180°F
Input Voltage	100VAC – 240VAC; 50 or 60 Hz; NEMA 15 Receptacle
Input Current Protection	2A @ 120VAC, 1A @ 220VAC
Current Draw	0.10-0.25 Amps @ 120VAC
Power Consumption (Ionizing Mode)	14-20 Watts
Effective Area (Volume)	One Generator per 5 Tons of Cooling, 2000 CFM, or 2000-4000 sq. ft.
Air Flow Volume per Device (Max)	Up to 4000 CFM
Ozone Control Feature	Patented PuriFi O2 Catalyst Converts Unwanted Ozone to Oxygen
Safety Features (Access)	Door Interlock Switch, Special Access Key
Safety Features (Operation)	Fan Monitoring (RPM), Current Monitoring of HV Transformer
Wireless Capability	2.4GHz ZigBee 802.15.4 Standard

PuriFi IQ Generator Unit Dimensions

