

**office**

**model: Active HEPA+**

**Results : >99.9% reduction airborne mold, bacteria, TVOC,  
and 99.9% reduction surface bacteria and odors**



Product : Active HEPA+  
Technologies: PCO/BPI/HEPA/  
ODOGard  
Test time: 5 days total – real  
time measure  
Test space: 1240 sq.ft.  
commercial office  
Test administrator: IAQS

"It is my considered observation that over the duration of this study, with the expected environmental fluctuations that occurred in a real-time setting, this study indicates that Active HEPA+ coupled with a standard MERV 10 HVAC filter at minimal air turns per hour produces results that substantiate an overall high degree of efficacy. This high rate of efficacy was achieved within the first 24 hours of operation even at lower air turn rates. This would not be expected or typical."

Ozone levels throughout the duration of the test remained below TLV guidance and below levels measured outdoors.

NAME	TYPE	REDUCED	LOCATION
Mold spores	Airborne	>99.90%	Commercial Office
Mold spores	Surface	41.00%	Commercial Office
Bacteria Counts	Airborne	>99.90%	Commercial Office
Bacteria Counts	Surface	>99.90%	Commercial Office
TVOC	Airborne	>99.90%	Commercial Office
HCHO (formaldehyde)	Airborne	>99.90%	Commercial Office
PM 2.5/10	Airborne	85.50%	Commercial Office
Respirable Particle Counts	Airborne	80.00%	Commercial Office
Odor Intensity	Airborne	>99.99%	Commercial Office

**office**

**model: HVAC O3**

**Results : >95% reduction airborne mold, bacteria, TVOC,  
and 90% reduction surface bacteria**



- Product : pureAir HVAC
- Technologies: PCO/BPI
- Test time: 5 days – real time measure
- Test space: 1240 sq ft commercial office
- Test location: IAQS

"It is my considered observation that pureAir HVAC does provide a rapid and significant reduction of the typical contaminants tested. The levels achieved and maintained during this test were far below any known standard or established TLV. It is my considered opinion that this sustained condition would not be typical or possible without the continuous use of this product." – Keith Roe, IAQS

Ozone levels throughout the duration of the test remained below TLV guidance and below levels measured outdoors.

NAME	TYPE	REDUCED	LOCATION
Mold spores	Airborne	>99.99%	Commercial Office
Mold spores	Surface	50.00%	Commercial Office
Bacteria Counts	Airborne	>95.00%	Commercial Office
Bacteria Counts	Surface	90.00%	Commercial Office
TVOC	Airborne	>99.00%	Commercial Office
HCHO (formaldehyde)	Airborne	>99.90%	Commercial Office
PM 2.5/10	Airborne	>61.00%	Commercial Office
Respirable Particle Counts	Airborne	>62.00%	Commercial Office

**office**

**model: HVAC (50% O3)**

**Results : >99.9% reduction airborne mold and TVOC**



- Product : pureAir HVAC
- Technologies: PCO/BPI/O3
- Test time: 5 days - real time measure
- Test space: 1240 sq ft commercial office
- Test location: IAQS

"It is my considered observation that pureAir HVAC does provide a rapid and significant reduction of the typical air and surface contaminants tested. The levels achieved were below any known standard or recommended TLV. In my considered opinion, the sustained condition would not be achievable without the continual use of the technology represented."

" – Keith Roe, IAQS

Ozone levels throughout the duration of the test remained below TLV guidance and below levels measured outdoors.

NAME	TYPE	REDUCED	LOCATION
Mold spores	Airborne	>99.99%	Commercial Office
Mold spores	Surface	66.00%	Commercial Office
Bacteria Counts	Airborne	NA (high RH)	Commercial Office
Bacteria Counts	Surface	75.00%	Commercial Office
TVOC	Airborne	>99.00%	Commercial Office
HCHO (formaldehyde)	Airborne	>99.00%	Commercial Office
PM 2.5/10	Airborne	50.00%	Commercial Office
Respirable Particle Counts	Airborne	43.00%	Commercial Office

## office

## model: HVAC & ODOGard MERV 13

**Results : >99.9% reduction airborne mold, bacteria, TVOC, and odor**



- Product : pureAir HVAC + treated filter
- Technologies: PCO/BPI/ ODOGard
- Test time: 5 days total –real time measure
- Test space: 1240 sq.ft. commercial office
- Test administrator: IAQS

"It is my considered observation that pureAir HVAC in combination with an ODOGard coated filter does provide a rapid and significant reduction of the typical air and surface contaminants tested. In my considered opinion, the sustained condition would not be achievable without the continual use of the technology represented."

– Keith Roe, IAQS

Ozone levels were 0 ppm throughout the duration of the test.

NAME	TYPE	REDUCED	LOCATION
Mold spores	Airborne	>99.94%	Commercial Office
Bacteria Counts	Airborne	>99.99%	Commercial Office
TVOC	Airborne	>99.99%	Commercial Office
HCHO (formaldehyde)	Airborne	>99.99%	Commercial Office
Odor Intensity	Airborne	>99.99%	Commercial Office

## office

## model: 750+ ODOGard Pre-Filter

**Results : >97.0% reduction surface mold and bacteria  
and 90.0% reduction airborne mold and TVOC**



- Unit : 750 Wall Mount
- Technologies: PCO/BPI/  
ODOGard
- Test time: 5 days total –  
measured in real time
- Test space: 1240 sq.ft.  
commercial office
- Test administrator: IAQS

"It is my considered observation that 750 in combination with an ODOGard coated pre-filter does provide a significant reduction of the typical air and surface contaminants tested. ASHRAE provides guidance as to the use of supplemental air purification and disinfection equipment after increasing fresh air ventilation rate to a minimum of 6 air changes per hour and filtration levels to a MERV 13 level. This study was performed without those improvements. It is my considered opinion that if this unit was used within the current ASHRAE guidelines an even greater efficacy could be expected." – Keith Roe, IAQS

Ozone levels were 0 ppm throughout the duration of the test

NAME	TYPE	REDUCED	LOCATION
Mold spores	Airborne	93.00%	Commercial Office
Mold spores	Surface	97.00%	Commercial Office
Bacteria Counts	Airborne	63.00%	Commercial Office
Bacteria Counts	Surface	97.50%	Commercial Office
TVOC	Airborne	92.00%	Commercial Office
HCHO (formaldehyde)	Airborne	94.00%	Commercial Office

## office

model: **pureAir 3000+**

**Results: >90.0% reduction RPC**



- Product : pureAir 3000+
- Technologies: PCO/ODOGard
- Test time: 5 days total – real time measure
- Test space: Commercial office
- Test administrator: IAQS

“The sustained significant reduction of PM contaminants in the test area would not be expected or typical. This would demonstrate the effectiveness of the active passive technology provided by the Greentech unit. These lowered results were not exhibited in the indoor control area readings without the equipment.”

– Keith Roe, IAQS

There was no detectable level of ozone.

NAME	TYPE	REDUCED	LOCATION
PM 2.5/10.0	Airborne	64.00%	Office Space
Respirable Body Counts	Airborne	90.00%	Office Space

**office**

**model: 3000+ (no O3)**

**Results : 83% reduction RPC and 60% reduction TVOC**



- Product : pureAir 3000+
- Technologies: PCO, ODOGard
- Test time: 5 days total – measured in real time
- Test space: 1200<sup>^</sup>2ft. nail salon
- Test administrator: IAQS

"Nail salons are a harsh indoor air environment, with contaminants continuously being introduced. Both qualitatively and quantitatively, there was a measurable and significant decrease in all air pollutants monitored as well as the presence of odors. The ongoing source of air pollutants was ever changing and fluctuating in intensity, but the decreases that were reported were during the working day when they collectively were at their peak." – Keith Roe, IAQS

There was no detectable level of ozone.

NAME	TYPE	REDUCED	LOCATION
TVOC	Airborne	60.00%	Commercial Nail/Hair Salon
HCHO (formaldehyde)	Airborne	57.00%	Commercial Nail/Hair Salon
Respirable Particle Counts	Airborne	83.00%	Commercial Nail/Hair Salon
PM 2.5	Airborne	68.00%	Commercial Nail/Hair Salon
PM 10.0	Airborne	78.00%	Commercial Nail/Hair Salon

**office**

**model: pureAir 3000 Classic**

**Results : 99.98% inactivation of SARS-CoV-2**



- Product : pureAir 3000 Classic
- Technologies: PCO/BPI/ODOGard
- Test time: 5 days total – real time measure
- Test space: Commercial office
- Test administrator: IAQS

"The areas tested within this commercial building were found to have a very acceptable Indoor air quality as compared to most testing projects performed. However, it was my findings, that the Respirable Particle Counts, PM2.5/10.0 and mold spores were significantly reduced even further in the highlighted areas. It would be my considered opinion that this additional reduction would not be expected or typical without the use of the Greentech Technology.

– Keith Roe, IAQS

There was no detectable level of ozone.



**office**

**model: 1250 Wall Mount**

**Results : 71.0% reduction RPC**



- Unit : 1250 wall mount
- Technologies: PCO/BPI/O3
- Test time: 5 days total – real time measure
- Test space: Commercial office
- Test administrator: IAQS

"The areas tested within this commercial building were found to have a very acceptable Indoor air quality as compared to most testing projects performed. However, it was my findings, that the Respirable Particle Counts, PM2.5/10.0 and mold spores were significantly reduced even further in the highlighted areas. It would be my considered opinion that this additional reduction would not be expected or typical without the use of the Greentech Technology."

– Keith Roe, IAQS

There were no detectable levels of ozone.

**NAME**

Respirable Particle  
Counts

**TYPE**

Airborne

**REDUCED**

71.00%

**LOCATION**

Commercial  
Office