

extended care

model: Active HEPA+

Results : 99.9% reduction TVOC & PM

- Product : pureAir Active HEPA+
- Technologies: PCO/BPI/HEPA/ODOGard
- Test time: 14 days total – measured in real time
- Test space: 12’x22’x8’ double occupancy room
- Test administrator: IAQS

“The initial odor level was very significant and somewhat unpleasant even when wearing a mask. I was no longer able to smell the odors through the mask by the day 3 visit. On every subsequent visit, the smell in the room would be described as typical and no longer extreme or offensive – even without my mask.” – Keith Roe, IAQS

Both qualitatively and quantitatively, there was a measurable and sustained reduction of odor and TVOC levels when the unit was functioning in comparison to the initial levels found inside the room.

When reviewing the data, it should be noted that the unit was inadvertently turned off on day 4, causing numbers to rise. Once the unit was turned back on, levels of TVOC and PM dropped again, demonstrating the Active HEPA+’s contribution to improved indoor air quality.

NAME	TYPE	REDUCED	LOCATION
TVOC	Airborne	>99.90%	Extended Care
HCHO (formaldehyde)	Airborne	67.00%	Extended Care
PM 2.5/10 and RPC	Airborne	>99.90%	Extended Care

extended care

model: Active HEPA+

**RESULTS: >90.0% Odor Elimination.
Significant and sustained reduction of PM & RPC counts.**

- Product : Active HEPA+ Room
- Technologies: PCO/BPI/HEPA/ODOGard
- Test time: 5 days total – measured in real time
- Test space: 13'x16'x8' extended care double occupancy room
- Test administrator: IAQS

“This room presented a challenging environment, occupied by two incontinent male patients and serviced only by a ductless wall unit with an unrated pre-filter. The related spikes observed in odors and other pollutants during testing did not linger and were ultimately reduced and sustained. Also, the significant and sustained reduction in PM 2.5/10.0 and RPC counts was a direct result of the efficacy of the ODOGard HEPA filter. These pollutants represent some of the most significant respiratory health concerns in a healthcare facility as well as airborne diseases.”

– Keith Roe, IAQS

NAME	TYPE	REDUCED	LOCATION
Mold Spores	Airborne	67.00%	Extended Care
Odor Intensity	Airborne	90.00%	Extended Care
Oone Levels	Airborne	Below Detectable	Extended Care

extended care

model: Active HEPA+

Results : >99.9% RPC & Odor Intensity

- Product : pureAir Active HEPA+ Pro
- Technologies: PCO/BPI/HEPA/ODOGard
- Test time: 5 days total – measured in real time
- Test space: 300 sq. ft. single occupancy room
- Test administrator: IAQS

“The indoor air quality of Room 208 was reported to be heavily laden with untypical levels of odors, volatile organic compounds (TVOC), formaldehyde (HCHO), PM 2.5 (particle mass) and RPC (respirable particles between .3 and 10.0 microns). After operation of the Greentech HEPA+ Pro unit, these levels were quickly decreased and were sustained at lower levels more consistent within current Guidelines and Standards.”

– Keith Roe, IAQS

NAME	TYPE	REDUCED	LOCATION
TVOC	Airborne	~62.00	Extended Care
Odor Intensity	Airborne	>99.90%	Extended Care
HCHO (formaldehyde)	Airborne	>71.00%	Extended Care
PM 2.5	Airborne	>50.00%	Extended Care
PM 10	Airborne	>68.00%	Extended Care
Respirable Particle Counts	Airborne	>99.90%	Extended Care