

ClensAir® E10



Next Generation Multistage Ethylene & Odor Removing Technology



Independently tested by the Research Triangle Institute.



No Ozone	Removes Ethylene Gas	Odor Control
WITH ClensAir	WITHOUT ClensAir	

Why Ethylene Control?

Reducing ethylene helps to prevent premature ripening, and extends the shelf life of most fruits, vegetables, and cut flowers.

The ClensAir® Advantage

- ✓ **ENVIRONMENTALLY SAFE**
Safe alternative to harmful sanitizing agents. **No ozone or toxic by-products released.**
- ✓ **FAST**
Highest flow rate in the industry!
- ✓ **ECONOMICAL**
Competitively priced - each ClensAir® unit will replace multiple competitors' units.
- ✓ **SIMPLE**
Easy installation and maintenance. Plug-and-play.
- ✓ **RELIABLE**
Built from heavy-duty powder coated steel and high quality components for continuous operation.
- ✓ **APPLICABLE**
Works with any size room and any application.
- ✓ **LOW ENERGY CONSUMPTION**
Designed to operate independently with a built high flow fan.
- ✓ **LOW MAINTENANCE**
Built in Filter Meter to easily determine the life of the filter. Requires a fraction of maintenance cost as compared to competitors.
- ✓ **QUIET OPERATIONS**
Noise levels of less than 60DB at three feet.



The most effective ethylene & odor removal system on the market



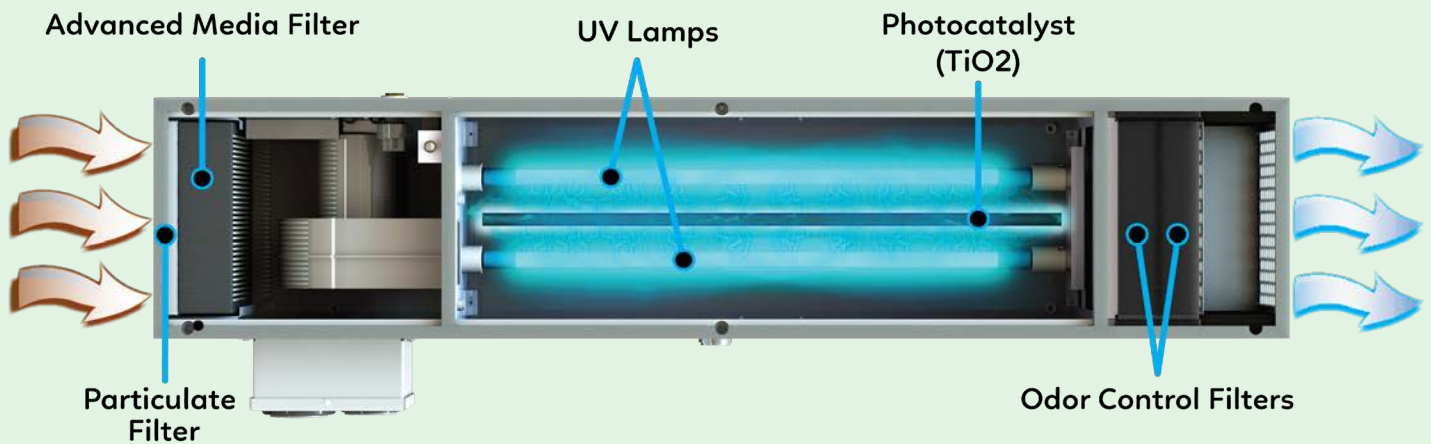
Value Added

- Reduce food waste and product spoilage
- Food safety complaint
- Reduce airborne contamination
- Remove odors, ethylene and other volatile organic compounds
- Cost-effective and energy efficient

Applications

- Ripening Rooms
- Cold Storage
- Prep Rooms
- Greenhouses
- Retail Areas
- Food Processors
- Meat, Seafood and Floral
- Restaurants/Cafes
- Transportation of Perishables

ClensAir® Patented Multistage Ethylene Removal Process



Model	Unit Capacity (cubic feet per minutes)	Dimensions			Weight	Electrical Requirement (Amps)	Power	Number of Lamps	Max Treatment Capacity (cubic feet per day)
		Length	Width	Height					
ClensAir CLNSE10 (Ethylene Control)	167	42in	9.25in	8in	45lbs	2.0	110V or 220V	2	250,000

Next Generation Ethylene Removal Technology

Patented Multistage Air Ethylene Removal Process

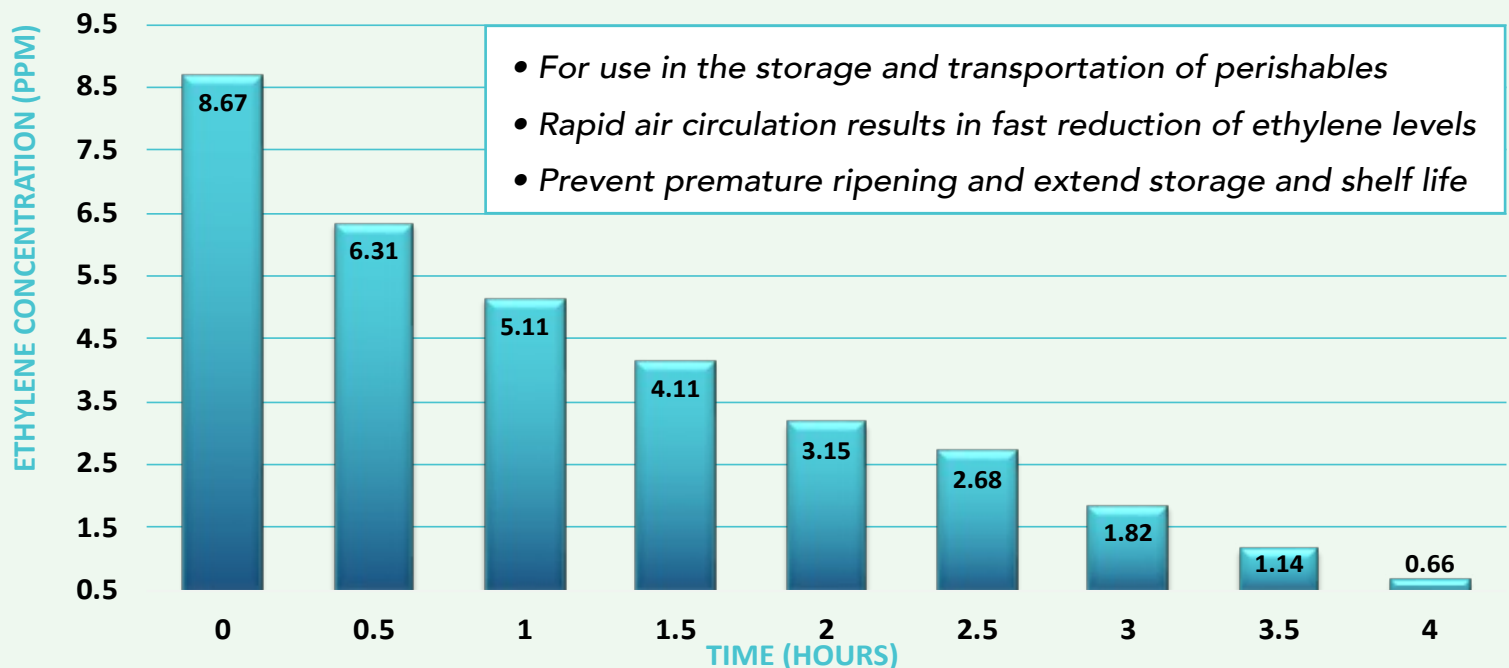
The ClensAir is designed to prolong the shelf life of both fruit and vegetables and keep refrigeration settings free of harmful contaminants. By using ultraviolet enhanced oxidation, pollutants like ethylene, mold, germs, and smells are eliminated.

Air is drawn into a self-contained reaction chamber where pollutants are destroyed by ultraviolet accelerated oxidation in the ClensAir. ClensAir engages in airborne pollutant attack to obtain highest kill-rate. An oxidation process is used to change ethylene into water and carbon dioxide. The reaction chamber, which was designed to handle the specific microbiological and chemical pollutants in chilled storage, is where oxidation and ultraviolet irradiation take place entirely. No ozone is discharged into the atmosphere.

Revolutionary Ethylene & Odor Removal Technology



Changes in Ethylene Concentration with ClensAir Ethylene Removal System



*Test performed at Del Monte Fresh Produce, N.A, Inc., 118-A Forest Parkway, Forest Park, GA, 30297, March 18-22, 2019.

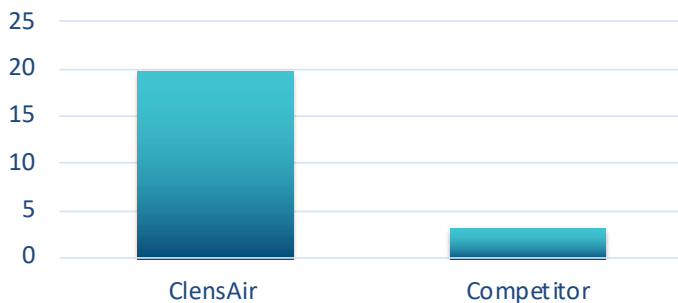
ClensAir® E10



Not only is food waste wasteful, but it also reduces profitability. The ClensAir Ethylene Scrubber will keep fresh food fresh for extended lengths of time whether you are storing it in a walk-in cooler or shipping it across the nation in a refrigerated container.

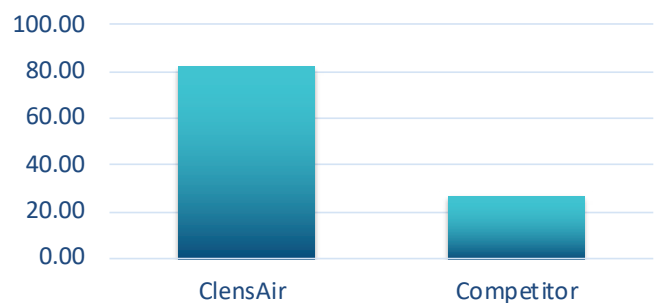
The purpose of the test was to measure the removal rate of ethylene by the ProdeW Clensair model CLNSE10 and a competitor's ethylene removers. This was done in a controlled environment with a specific volume of air and controlled concentration of ethylene over a set time period. The tests were performed at Del Monte Fresh Produce, N.A, Inc., 118-A Forest Parkway, Forest Park, GA, 30297, March 18-22, 2019.

% Reduction in Ethylene in First Hour of Testing



This study shows that **ClensAir is 600% more effective** than the competitor in reducing ethylene levels in the first hour.

% Reduction in Ethylene in 8 hours



This study corresponds to 27% ethylene removal with the competitor's system and **82% ethylene removal with ClensAir** in the first 8 hours.

*The tests were performed at Del Monte Fresh Produce, N.A, Inc., 118-A Forest Parkway, Forest Park, GA, 30297, March 18-22, 2019.