











2017 Space Technology Hall of Fame Inductee

www.lighthousepmc.com



## **BENEFITS**

- Brings the natural power of sunlight and thunderstorms indoors
- The natural, odor-eliminating and pollutant reducing processes found in sunlight and thunderstorms are recreated for indoor use
- Removes dirt and dust from the air
- Freshens the air and removes odors
- Helps alleviate allergy symptoms such as coughing, sneezing and itchy or watery eyes

## **PURIFICIATION SOLUTIONS**



## WHAT'S POLLUTING YOUR HOME?

- Cooking odors
- Pets
- Mold spores and pollen
- Garbage cans
- Kids' athletic clothing
- Outdoor smog

## **HOW ACTIVEPURE® WORKS**

ActivePure has been proven to reduce and eliminate viruses, bacteria and allergens in the air and on every surface.

It works by harnessing microscopic oxygen and water molecules in the air that then go through our purification units, which are equipped with an ActivePure honeycomb matrix.

While inside the matrix, the molecules are transformed into friendly-yet-powerful oxidizers. As they're released back into the air, these supercharged ActivePure molecules seek and rapidly destroy contaminants, fungi, mold, and odorcausing bacteria – even ones that try to hide in hard-to-reach places.

## **FEATURES**

- Brings the natural power of sunlight and thunderstorms indoors
- The natural, odor-eliminating and pollutant reducing processes found in sunlight and thunderstorms are recreated for indoor use
- Uses ActivePure Technology to create a healthier living space
- Removes dirt and dust from the air
- Freshens the air and removes odors
- Helps alleviate allergy symptoms such as coughing, sneezing and itchy or watery eyes

### **HOW IT HELPS YOU**



- Improved air quality
- Fewer sick days and cold/ flu outbreaks



- Odor-free air year round
- Healthier living environment
- Less allergens in the air to trigger allergy symptoms



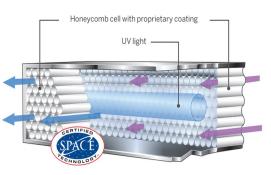
#### **PERFECT FOR:**

- · Allergy or asthma sufferers
- Sensitive or compromised immune systems



- Athletes that need healthy air quality
- Families
- Pet owners

# PATENTED CELL DESIGN



Before and after laboratory tests showing reductions of airborne contaminants



Before



After 8 hours

# **KEY SCIENTIFIC STUDIES**

National Academy of Sciences, 2011 Jun; S-1 Climate Change, the Indoor Environment, and Health. Committee on the Effect of Climate Change on Indoor Air Quality and Public Health; Institute of Medicine Journal of Rapid Methods & Automation in Microbiology, 2007 Nov; 15(4):359-68 Efficacy of Radiant Catalytic Ionization and Ozone Generators at Reducing Microbial Populations on Stainless Steel Surfaces. M.T. Ortega, L.J. Franken, P.R. Hatesohl, J.L. Marsden. Department of Animal Sciences and Industry, K-State Food Science Institute, Kansas State University, Manhattan, KS 66506 Environ Sci Technol. 2007 Jan 15;41(2):606-12. Control of Aerosol Contaminants in Indoor Air: Combining the Particle Concentration Reduction with Microbial Inactivation. S.A. Grinshpun, A. Adhikari, T. Honda, K.Y. Kim, M. Toivola, K.S. Ramchander Rao, T. Reponen. Center for Health-Related Aerosol Studies, Dept. of Environmental Health, University of Cincinnati, 3223 Eden Avenue, Cincinnati, OH 45267

# SPECIFICATIONS

MODEL	SIMPLEE AIR W50
MAX 03	• 100 mg/hr (Away Mode)
Technology	Needlepoint Ionization ActivePure (RCI) cell, 2-hour Away Mode, 3-speed fan
Power Usage	100 - 240v AC power adapter, 21 watts power consumption
Lint Screens & Filters	Electrostatic lint screen
Applications	Homes, offices, apartments, small shops
Dimensions	6.5" wide x 6.5" high x 7" deep
Weight	3 lbs.
Coverage	300 sq. feet
Warranty	1-year limited warranty