



Healthy Home System™

# Trio

**PROTECT YOUR FAMILY'S HEALTH  
WITH AIR THAT IS FRESH, CLEAN, AND PURE.**



**FIELD**CONTROLS

# Healthy Home Trio

## Three Stage Air Purification

The Healthy Home Trio is a 3-in-1 package that keeps the air in your home fresh, clean, and pure. As air enters the Trio, it is filtered with a MERV 13 filtration media. This pleated 4 inch filter traps particles as small as .3 micron including mold, bacteria, dust, dander, and pollen. After the filter, the air must pass through an ultraviolet C (UVC) germicidal treatment zone guarded by two powerful 24" UVC germicidal lamps. These lamps neutralize airborne microbes such as bacteria, viruses, mold, and fungi.

The final phase uses patented PRO-Cell™ technology, our exclusive Photo-Reactive Oxidation process. When the patented aluminum honeycomb cells are exposed to the UVC germicidal light, the PRO-Cell's extensive surface area transforms the odors and volatile organic compounds (VOCs) into harmless, odorless water vapor and carbon dioxide.

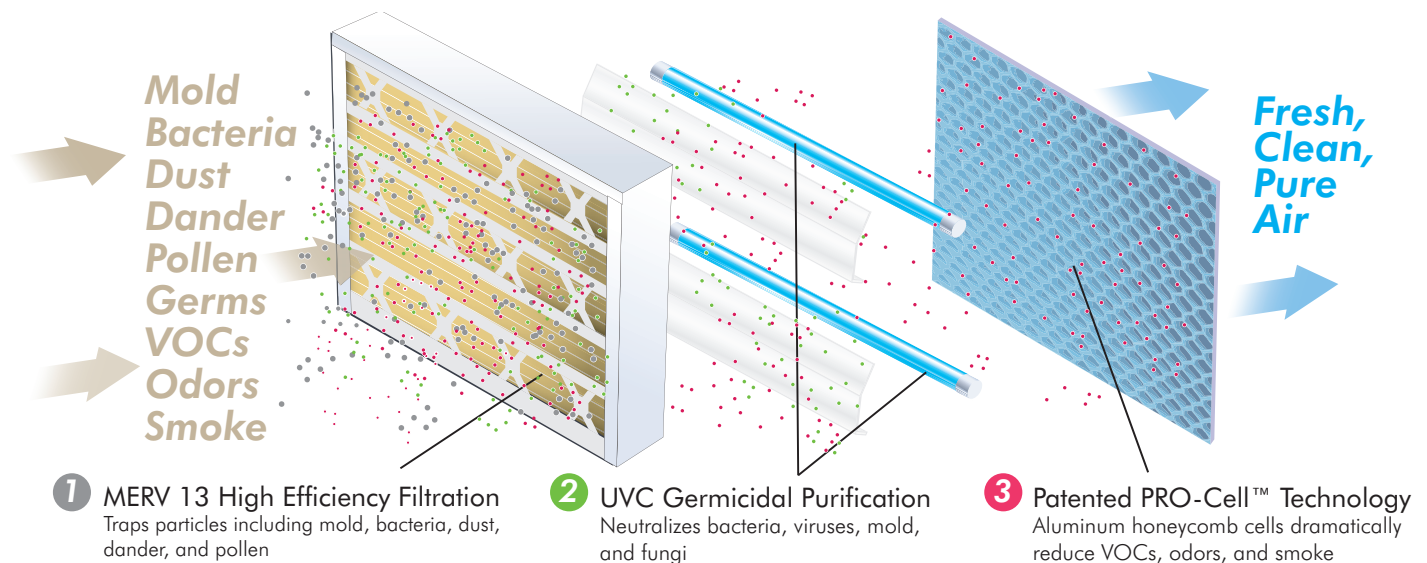
The PRO-Cell core is maintenance-free and never needs replacing. The Healthy Home Trio can be installed by your HVAC contractor over the A-coil, in the return, or in the supply duct of your HVAC system. For more information, visit [fieldcontrols.com](http://fieldcontrols.com).



**Trio-2000**  
Patented

**Trio-1200**  
Patented

## Three Stage Process

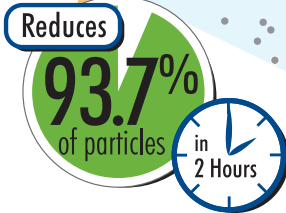


# 3-in-1 Solution

Three products in one package to protect your family and ensure fresh, clean, pure air in your home.

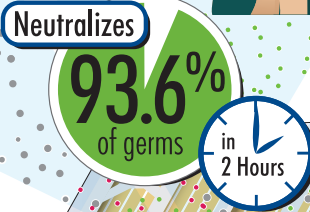
## Dust, Dander & Pollen

MERV 13 filter **traps** particles as small as .3 micron including **mold, bacteria, dust, dander, and pollen.**



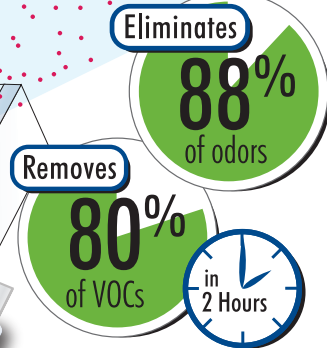
## Germs

UVC germicidal light **neutralizes** airborne microbes such as **bacteria, viruses, mold, and fungi.**



## VOCs & Odors

Patented PRO-Cell™ honeycomb **removes odors, smoke, and gases** from cleaning products (VOCs), and **eliminates ozone and formaldehydes.**



**6** patents for our exclusive

PRO-Cell™ Technology process

**10,080** square inches

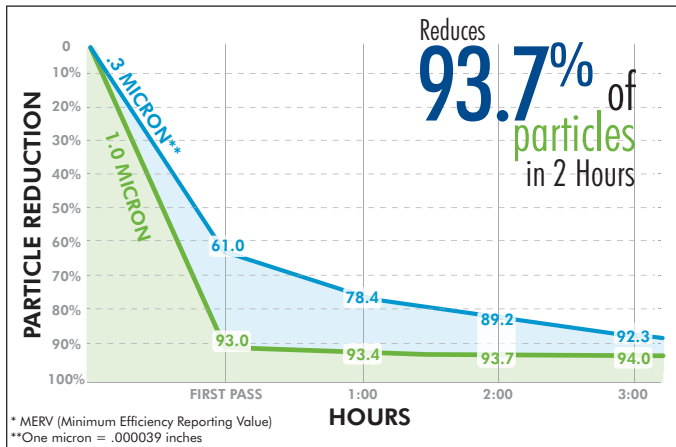
PRO-Cell™ photo-reactive surface area (Trio-2000)

# FRESH, CLEAN, PURE AIR



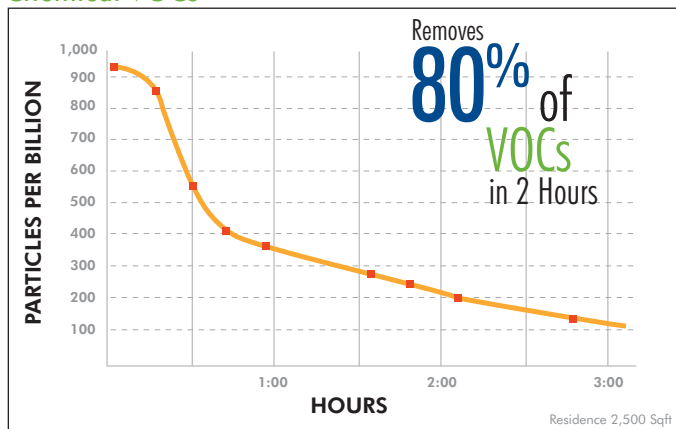
# Independent Testing

## MERV 13\* Filtration Particulate Removal



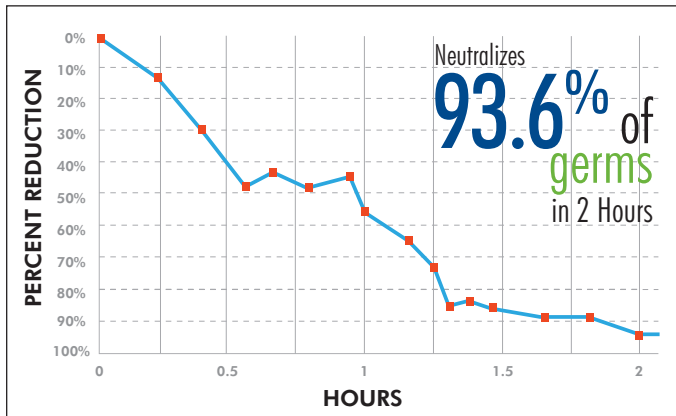
ULTRA-SUN TECHNOLOGIES - CORONA, CA

## Chemical VOCs



Residence 2,500 Sqft  
ULTRA-SUN TECHNOLOGIES - CORONA, CA

## Virus and Bacteria Reduction



HONG KONG POLYTECHNIC UNIVERSITY - DEPARTMENT OF APPLIED BIOLOGY AND CHEMICAL TECHNOLOGY

# Air Quality Survey

Yes No

- Do you have concerns about airborne dust, pet dander, pollen, bacteria, viruses, etc.?  Yes  No
- Do you or a family member have allergies, asthma, or any respiratory ailment?  Yes  No
- Do respiratory illnesses cost you and your family time and money?  Yes  No
- Do you sometimes suffer from sinus infections, fatigue, or eye irritation while at home?  Yes  No
- Do cooking odors seem to linger for excessive periods of time?  Yes  No
- Does your home ever smell stale or musty?  Yes  No

If you answered yes to any of the above questions, call your Field Controls Healthy Home Specialist for a customized indoor air quality solution.

Healthy Home System™ products do not generate ozone.



Ozone is a toxic gas which can damage the lungs. Even small amounts can cause chest pain, coughing, shortness of breath, and throat irritation.

Ozone may also worsen chronic respiratory diseases such as asthma and compromise the ability of the body to fight respiratory infections.

## Beware of Misleading Terms

- Energized oxygen
- Singulet oxygen
- Plasma
- Activated oxygen
- Friendly oxidizers
- Ionization

Ozone by any other name is still ozone.



Visit the EPA's website for more information  
[www.epa.gov/iaq/pubs/ozonegen.html](http://www.epa.gov/iaq/pubs/ozonegen.html)

## Healthy Home Trio

Model	PRO-Cell™ Surface Area (sq. in.)	Sizing (tons)	Voltage	Lamp Wattage	Lamp Intensity (μW/cm²@1m)	Static Pressure Performance	MERV 13 Filter (inches)	MERV 13 Efficiency Particulate Reduction at .30 microns	Dimensions (inches)	Lamp Life Efficiency
Trio-1200	8,065	1.5 to 3.0	120	2 at 25	2 at 70	.30 in WC @1,200 cfm	16H x 25W x 4D	92.30%	17H x 25W x 10D	2 years
Trio-2000	10,080	2.5 to 5.0	120	2 at 25	2 at 70	.32 in WC @1,600 cfm	20H x 25W x 4D	92.30%	21H x 25W x 10D	2 years



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