

- AirFresh™ Carbon Odor Adsorption
- Patented PRO-Cell™ Technology
- Virtually maintenance free
- Make your heating and cooling installation a whole house air purification system
- Peace of mind so you can breathe a little easier

Air Quality Survey

	Yes	No
1. Do you have concerns about airborne bacteria, viruses, mold and fungi?	<input type="checkbox"/>	<input type="checkbox"/>
2. Do you or a family member have allergies, asthma, or any respiratory ailment?	<input type="checkbox"/>	<input type="checkbox"/>
3. Does respiratory illness cost you and your family time and money?	<input type="checkbox"/>	<input type="checkbox"/>
4. Do you sometimes suffer from sinus infections, fatigue, or eye irritation while at home?	<input type="checkbox"/>	<input type="checkbox"/>
5. Do cooking odors seem to linger for excessive periods of time?	<input type="checkbox"/>	<input type="checkbox"/>
6. Does your home ever smell stale or musty?	<input type="checkbox"/>	<input type="checkbox"/>

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



PRO-Cell™ Testing and Validation

- Tested and white paper by Chalmers University of Technology, Gothenburg, Sweden
- Tested and validated performance by ALPHA, Scientist in Reproductive Medicine
- Developed by Sandia Laboratory and the National Renewable Energy Laboratory
- Tested for viral & bacterial reduction by Hong Kong Polytechnic University Department of IAQ
- Used by the Department of Defense for deconstructing toxic organic compounds
- Applied at Barona Casino, Lakeside, California where PRO-Cell™ Technology reduces VOCs below 200ppb
- 99% viral and bacterial reduction efficiency
- 99.3% Volatile Organic Compound (VOC) reduction
- Reduces ozone and formaldehyde
- Safe air purification - does not create harmful ozone
- 6 patents for the exclusive PRO-Cell™ technology process
- Unrestricted airflow - very low pressure drop
- Advanced oxidation process (AOP) for maximum mold and germ reduction

DUO™ WHOLE HOUSE AIR PURIFIER MODELS									
Model	Sizing (tons)	Voltage	Lamp Wattage	Lamp Intensity			Bacterial Germicidal Reduction	Toxic Gas Reduction (VOCs)	Pressure Drop (in WC)
				(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)			
DUO-2000	1.5 to 5.0	120/230	50	135	17,145	47,790	99%	99.3%	.02
DUO-16/120V	1.5 to 5.0	120	30	62	7,874	21,948	99%	99.3%	.02
DUO-16/24V	1.5 to 5.0	24	30	62	7,874	21,948	99%	99.3%	.02
DUO-14/24V	1.5 to 4.0	24	17	57	7,239	20,178	99%	99.3%	.017
DUO-11/24V	1.5 to 3.0	24	15	43	5,461	15,122	99%	99.3%	.015

FIELDCONTROLS
AIR TREATMENT

Form# 4364

Corporate Office
Sales/Engineering/Manufacturing
Kinston, NC
252.522.3031

West Coast Office
Distribution/Manufacturing
Corona, CA
951.277.0308

DUO™ Whole House Air Purifiers



Healthy Air Healthy Family



**HEALTHY HOME
SYSTEM**
FIELDCONTROLS

Protect your family's health with the Healthy Home DUO

WHOLE HOUSE AIR PURIFIER

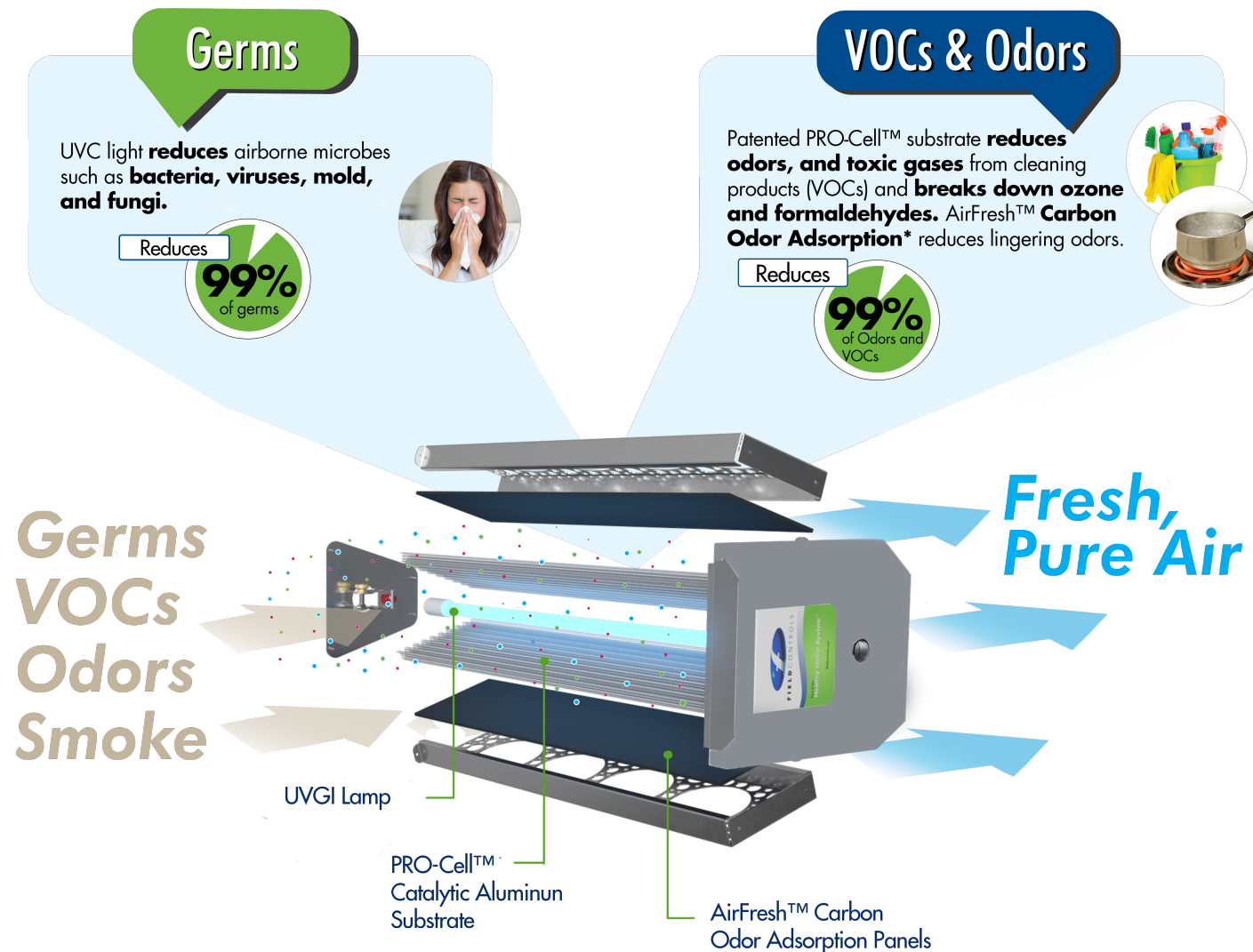
Applied science combining high intensity Ultraviolet C (UVC) germicidal light with the Patented PRO-Cell™ Technology and AirFresh™ Carbon Adsorption Panels.

UVC GERMICIDAL REDUCTION ENERGY

High intensity UVC germicidal light reduces airborne bacteria, viruses, mold, and fungi, bringing the purification power of the sun into the home.

PATENTED PRO-CELL™ TECHNOLOGY

Works similar as a catalytic converter on your car. The DUO's PRO-Cell™ catalytic aluminum substrate is exposed to UVC light as volatile organic compounds (VOCs) and odors are transformed into harmless water vapor and carbon dioxide. The AirFresh™ Carbon Adsorption Panels are an added defense at reducing odors.



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.

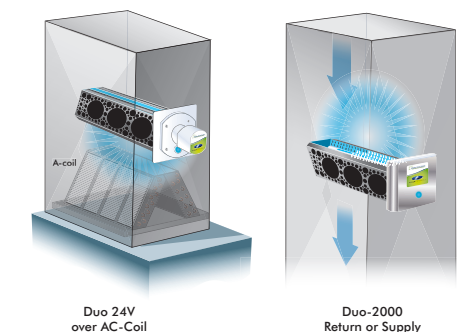
Ozone may also worsen chronic respiratory diseases such as asthma and compromise the ability of the body to fight respiratory infections.

Beware of Misleading Terms

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

Visit the EPA's website for more information
www.epa.gov/iaq/pubs/ozonegen.html

For Furnace & Air Handler Installations



INNOVATIVE
BI-ANALYSIS
creating solutions | getting results

Model Duo-2000 with PRO-Cell™ Technology showed significant capabilities in neutralizing active SARS-CoV-2 USA-CA1/2020, indicating a **99.99%** net reduction after 2.5 seconds of exposure to the UVC lamp.

