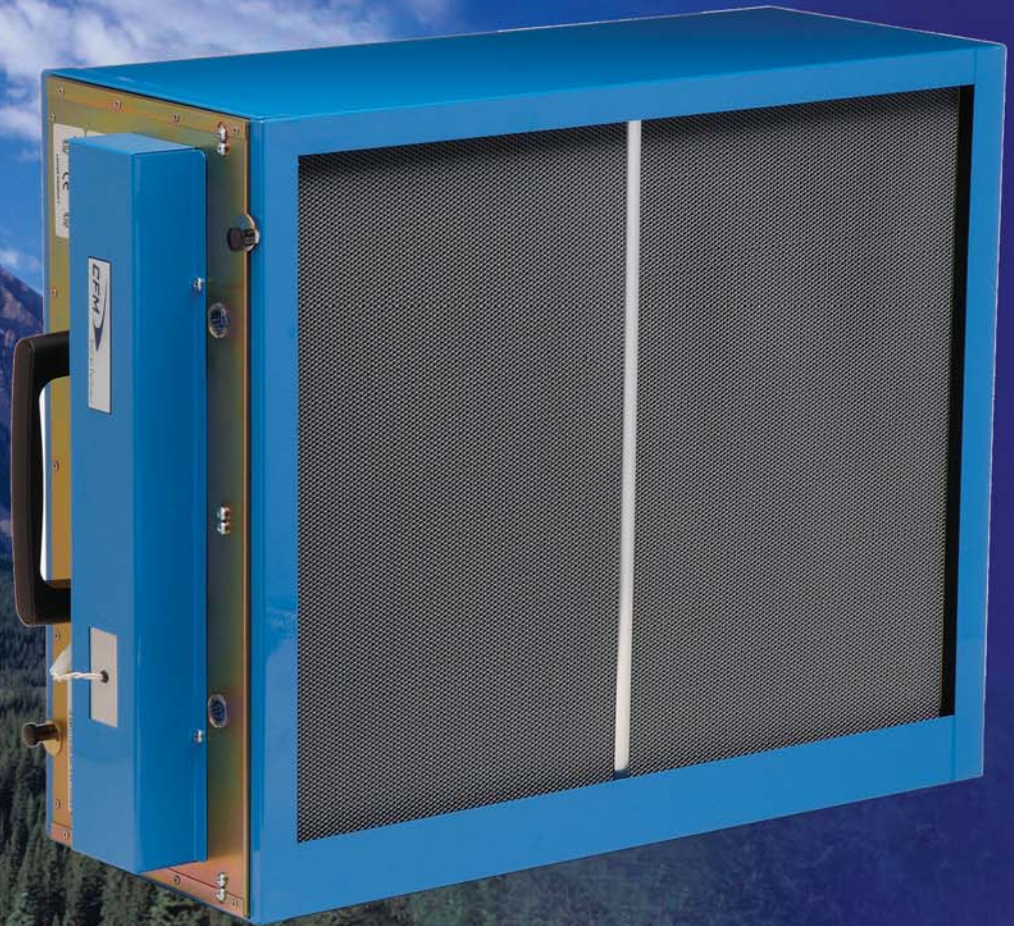




# PURIFY

CX3000 (WHOLE HOUSE UNIT) COMPLETE AIR PURIFICATION SYSTEM



 GET SERIOUS ABOUT COMPLETE AIR PURIFICATION

# Indoor Air Quality vs. Energy Efficiency

As technology has advanced, so have building construction standards. Drafty homes and offices of the past have been replaced with modern, energy efficient structures. This technology shift has resulted in new airtight buildings.

Serious health problems have been created because of the obsession with sealing our living and working spaces in the name of energy efficiency. Indoor air quality (IAQ) has deteriorated dramatically due to the release of solvents and chemicals used in new carpets, flooring, furniture and construction materials.

Bacteria, viruses, dust particles, mold spores, animal dander, pollen, dust mites, and cleaning chemicals further pollute our interior environments. We breathe these toxins and allergens daily as they circulate through our homes and offices.

Continental Fan's CX3000 has been developed with the help of research performed by the Sandia Laboratory and the US National Renewable Energy Laboratory. It is the first and only air purifier capable of eliminating these harmful elements.

**The most powerful and advanced air purification system in the world.**

## Complete Air Purification

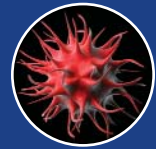
CX3000 provides up to 3,000 sq. ft. of complete air purification. For just pennies a day in operating costs, CX3000 will provide an environment that is odor free, germ free, chemical free and allergen free. Clean air will:

- Dramatically reduce family sickness
- Eliminate endless bouts with colds and influenza
- Create an environment for sound sleep
- Provide relief from asthma, hay fever and sinus problems
- Reduce fatigue, headaches and breathing problems
- Do away with pet odors and dander
- Decrease dust and cleaning requirements
- Relieve sore throats, runny noses, wheezing and sneezing

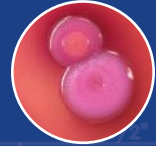
## CX3000 Whole House System

CX3000 Whole House System offers three powerful technologies in one air purification system. This patented technology kills germs, bacteria and viruses, and eliminates odors and toxic chemicals.

- Electrostatic MERV-11 Filter > Removes Allergens Electrostatically Down to .3 Microns
- Photo-Catalytic Titanium Oxidation > Destroys Toxic Chemicals and Eliminates Household Odors
- Ultraviolet Light > Kills Germs on Contact



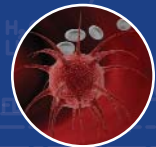
Viruses



Bacteria



Colds



Immune System



Pet Dander



Pollen



Cleaning Chemicals



Environmental Pollutants

## Photo-Catalytic Titanium Oxidation

Announcing the biggest breakthrough in 20 years...  
"Patented" Photo-Catalytic Titanium Oxidation  
cleans air down to the last molecule.

CX3000 powerful air purification technology uses 2 UVC lights to activate a highly reactive and patented Titanium Dioxide catalyst, and destroy toxic compounds by converting them into benign constituents such as water and carbon dioxide. Photo-Catalytic Titanium Oxidation will eliminate:

- Bacteria
- Viruses
- Alcohol
- Ammonia
- Paint Solvents
- Aerosols
- V.O.C.'s
- Cleaning Chemicals
- Pesticides
- Smog
- Ozone
- Carbon Monoxide
- Tobacco Smoke
- Hair Spray
- Nitrous Oxide
- Airborne Pollution

## Advanced Filter System

CX3000 MERV-11 Filter uses a new electrostatically charged, needled media design to provide higher efficiency on fine particulates with low air resistance.

## Brilliant Engineering, Easy Maintenance

CX3000 is designed for easy maintenance to permit peak performance at all times. Built-in electronic service lights indicate when to change filters and UVC lamp. CX3000 is so well designed that replacement of the UVC lamp and filter takes less than 10 minutes. Normal life for elements are:

- Filter (6 months)
- UVC lamp (1 year)



1. Four months accumulation
2. New filter
3. Moisture resistant beverage board
4. Electrostatically charged, needled media
5. Galvanized steel pleat support grid
6. Media pack support member
7. Media pack adhesive
8. Double wall frame

## CATALYTIC AIR PURIFICATION FOR THE HOME AND OFFICE

1. Electrostatically charged needled fiber MERV-11 Filter
2. Powder coated Paint-Loc steel enclosure
3. Aluminum UVC lamp reflectors for air sterilization
4. Rust-proof gold zinc plated pull out case
5. Safety switch
6. Quick disconnect power cord
7. Over 70 sq. ft. of photo-catalytic matrix surface area
8. Sight ports to verify lamp operation
9. Computerized service panel
10. Service handle
11. Cabinet locks



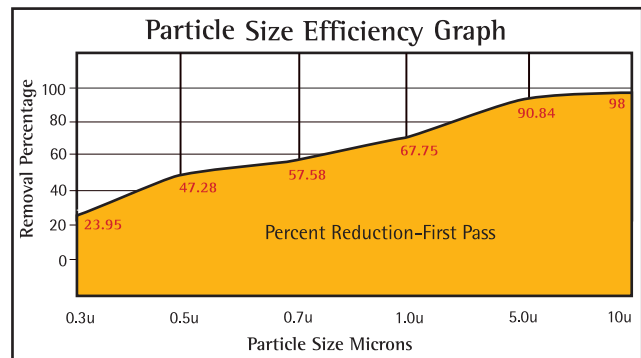
### CX3000 Specifications

Model No.	CX3000
Dimensions	25.0" w x 21.0" h x 10.25" d
Weight	42 lbs.
Maximum Air Flow	2,170 cfm
Power Consumption	45 watts
Voltage	1/120V/60
UV Power	20 watts per bulb (40 watts total)
Microwatts at surface per cm <sup>2</sup>	10,000
Microwatts @ 1'	1100
UV Range	254 NM (germicidal)
Filter	Electrostatic needled fiber MERV-11
Application	3,000 sq. ft.
Service Interval	UVC lamp 1 year Filters 6 months
Catalyst	Titanium Dioxide
Warranty	Limited lifetime excluding lamps and filters



### Performance Data and Approvals

AIR FLOW & RESISTANCE DATA		
Air Flow (cfm)	Resistance (in. wg.)	Air Velocity (fpm)
1250	0.18	360
1500	0.20	432
1750	0.25	504
2000	0.35	576
2250	0.42	648
2500	0.55	720



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