

CFM
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PURIFY

CX1000 (PORTABLE 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 CX1000 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

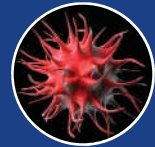
CX1000 provides up to 1,000 sq. ft. of complete air purification. For just pennies a day in operating costs, CX1000 will provide an environment that is odor free, germ free, chemical free and allergen free. Clean air will:

- 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

CX1000 Portable Unit

CX1000 Portable Unit uses a six-stage process to purify indoor air. This patented technology kills germs, bacteria and viruses, and eliminates odors and toxic chemicals.

- Stage 1. Treated Pre-Filter**
 - Removes 5 Micron Particles
- Stage 2. Hospital Grade Hepa Filter**
 - Removes Microscopic Allergens as Small as .3 Microns
- Stage 3. Two Activated Carbon Filters**
 - Eliminate Toxic Chemicals and Gases
- Stage 4. Photo-Catalytic Oxidation**
 - Destroys VOC's, Toxic Chemicals and Odors
- Stage 5. Ultraviolet Light (10,000 times the intensity of sunlight)**
 - Kills Germs on Contact
- Stage 6. Negative Ions and Activated Oxygen**
 - Keep Air Fresh and Clean



Viruses



Bacteria



Colds



Immune System



Pet Dander



Pollen



Cleaning Chemicals



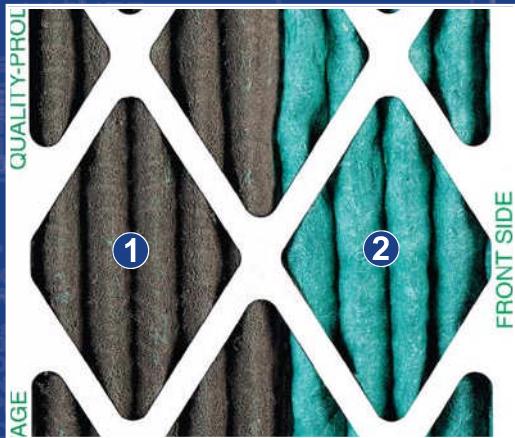
Environmental Pollutants

Photo-Catalytic Titanium Oxidation

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

CX1000 powerful air purification technology uses a UVC light 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



1. Four months accumulation
2. New filter

Electronic Sensors

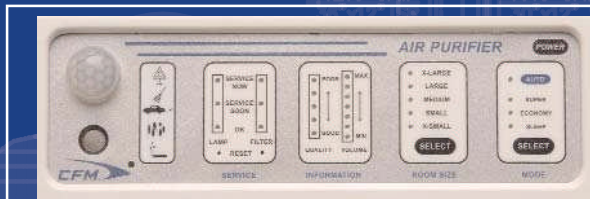
CX1000 electronic sensors constantly monitor air quality and will automatically increase air performance to compensate for periods of unusually high chemical activity or particle count. Warning lights signal the presence of toxic chemicals and fumes well before they reach dangerous levels or become detectable to the human senses. Electronic sensors detect:

- Aerosols
- Chemicals
- Industrial Pollution
- Pesticides
- Smog
- Ozone
- Carbon Monoxide
- Tobacco Smoke
- Dust

Brilliant Engineering, Easy Maintenance

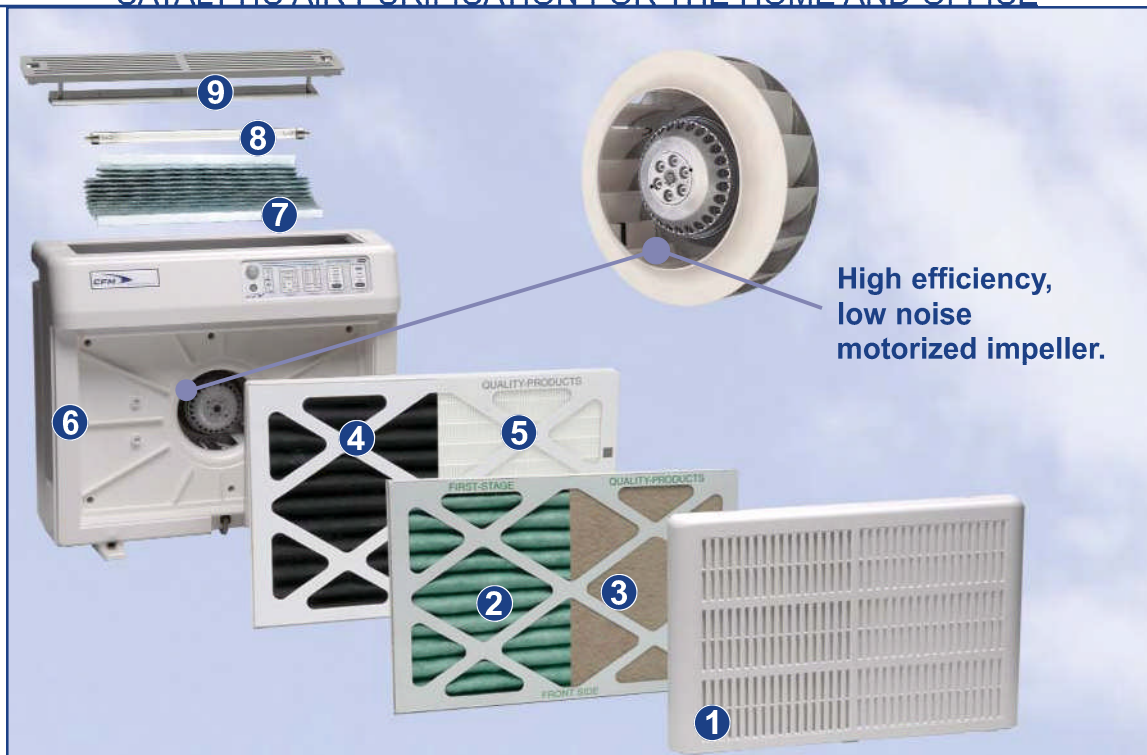
CX1000 is designed for easy maintenance to permit peak performance at all times. Built-in electronic service lights indicate when to change filters and UVC lamp. CX1000 is so well designed that replacement of the UVC lamp and filters takes less than five minutes. Normal life for elements are:

- UVC lamp (1 year)
- Filters (2 years)



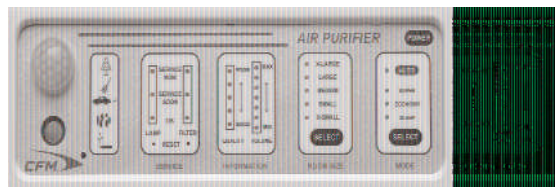
CATALYTIC AIR PURIFICATION FOR THE HOME AND OFFICE

1. Air inlet grille with safety lock
2. 5 Micron pre-filter
3. First gas adsorption layer
4. Second gas adsorption layer
5. Hospital grade HEPA filter
6. High impact ABS plastic
7. Photo-catalytic converter
8. High output germicidal UVC lamp for germ-free air
9. Air outlet grille with safety lock



CX1000 Specifications

Model No.	CX1000
Dimensions	21.5" w x 18.0" h x 8.0" d
Weight	23 lbs.
Maximum Air Flow	265 cfm
Power Consumption	110 watts
Voltage	1/120V/60
Blower	Backward-curved motorized impeller
Catalyst	Titanium Dioxide
UV Range	254 NM (germicidal)
UV Power	10 watts
Microwatts at surface per cm ²	16,000
Microwatts @ 1'	540
Pre-Filter	5 micron
HEPA Filter	0.3 micron hospital grade
1st Stage Gas Adsorption	Activated carbon
2nd Stage Gas Adsorption	Activated carbon
Service Interval	UVC lamp 1 year Filters 2 years
*Application	1000 sq. ft. (automode)
Warranty	Limited lifetime excluding lamps and filters



Computerized electronic controls feature an infrared motion detector and toxic chemical sensor to monitor air quality.

*Automode is recommended for individuals with health related issues such as allergies, chemical sensitivity, etc.



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