CFM™
CONTINENTAL FAN









CX Complete Air Purification Systems

better AIRFLOW *by* DESIGN™

CX Complete Air Purification Systems

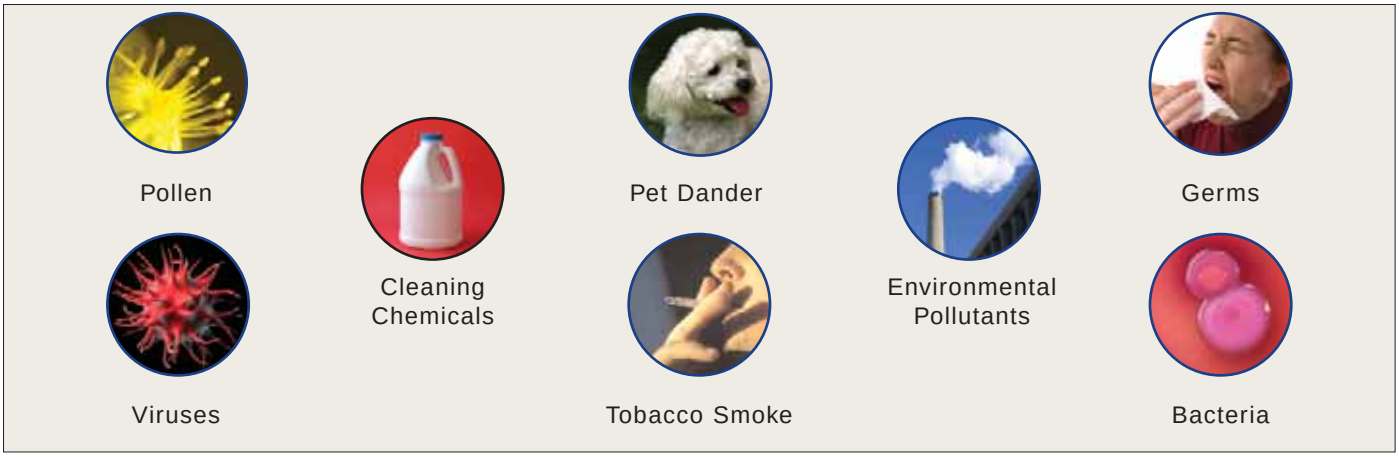
CX Complete Air Purification Systems are the most advanced in the world, dealing with all facets of air purification:

Particle Removal

Chemical Neutralization

Living Organism Abatement

Using patented technology, CX Complete Air Purification Systems are designed to remove airborne particles, neutralize odors and chemicals, and render germs, viruses and bacteria harmless.



A Cleaner Environment

CX Complete Air Purification Systems will create a cleaner environment:

- Promote health & wellness
- Alleviate fatigue & headaches
- Ease breathing problems
- Reduce asthma, hay fever & sinus problems
- Control pet odors & dander
- Cut dust & cleaning requirements
- Relieve sore throats, runny noses & sneezing

Photo-Catalytic Oxidation

CX Complete Air Purification Systems incorporate patented Photo-Catalytic Oxidation technology that uses UVC light to activate a highly reactive catalyst. This process converts toxic compounds into benign constituents such as water and carbon dioxide.

Easy Maintenance

CX Complete Air Purification Systems are designed for easy maintenance, so that peak performance can be provided at all times. Built-in electronic service lights indicate when filters and UVC lamps require replacement. Replacement parts are readily available for both CX1000 Portable and CX3000GS Ducted Air Purifiers.

Electronic Sensor

CX1000 Portable Air Purifiers feature an electronic sensor that constantly monitors air quality and automatically increases airflow 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.

CX Complete Air Purification Systems

CX1000 Portable Air Purifier

CX1000 Portable Air Purifier uses a six-stage process to purify indoor air:

1. Treated Pre-Filter - Removes Particles to 5 Microns
2. Activated Carbon Filters (2) - Reduce Toxic Chemicals and Gases
3. Hospital Grade HEPA Filter - Purges Allergens to 0.3 Microns
4. Reactive Catalyst - Neutralizes VOC's, Toxic Chemicals and Odors
5. UVC Light - Renders Germs, Viruses and Bacteria Harmless
6. Negative Ions and Activated Oxygen - Keep Air Fresh and Clean



CX3000GS Ducted Air Purifier

CX3000GS Ducted Air Purifier is designed to work in conjunction with an HVAC system, and uses a four-stage process to purify indoor air:

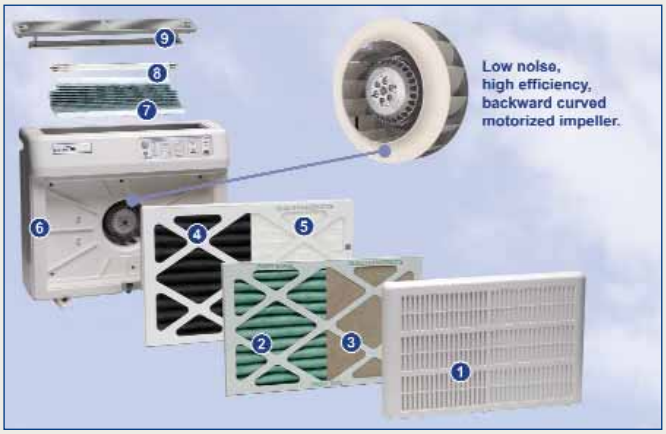
1. Electrostatic MERV-11 Filter - Removes Allergens to 0.3 Microns
2. Reactive Catalyst - Neutralizes VOC's, Toxic Chemicals and Odors
3. UVC Light - Renders Germs, Viruses and Bacteria Harmless
4. Negative Ions and Activated Oxygen - Keep Air Fresh and Clean



CX Specifications

Model	CX1000 Portable Air Purifier	CX3000GS Ducted Air Purifier
Dimensions	21.5"w x 18.0"h x 8.0"d	25.0"w x 21.0"h x 10.0"d
Weight	23 lbs.	26 lbs.
Maximum Air Flow	265 cfm	2,170 cfm
Power Consumption	110 watts	45 watts
Voltage	1/120V/60	1/120V/60
Blower	Backward-curved motorized impeller	N/A
UVC Lamp(s)	10 watts	(2) 22 watts per bulb (44 watts total)
Microwatts at surface per cm^2	16,000	21,000
Microwatts @ 1'	540	1,125
UV Range	254 NM (germicidal)	254 NM (germicidal)
Filters	5 micron pre-filter	Electrostatic needled fiber MERV-11
	0.3 micron hospital grade HEPA filter	
1st Stage Gas Treatment Layer	Activated carbon	N/A
2nd Stage Gas Treatment Layer	Activated carbon	N/A
Application	1,000 sq. ft. (automode)	3,000 sq. ft.
Service Interval	UVC lamp 1 year, filters 2 years	UVC lamp 1 year, filters 6 months
Catalyst	Metal Oxides	Metal Oxides
Warranty	2 years excluding lamp and filters	2 years excluding lamps and filters

CX1000 Portable Air Purifier



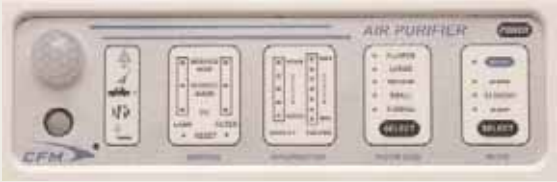
1. Air inlet grille with safety lock
2. Pre-filter
3. 1st stage gas adsorption layer
4. 2nd stage gas adsorption layer
5. Hospital grade HEPA filter
6. High impact ABS plastic
7. Photo-catalytic converter
8. High output germicidal UVC lamp
9. Air outlet grille with safety lock

Computerized Electronic Controls

CX1000 electronic controls feature an infrared motion detector and toxic chemical sensor to monitor air quality.

Electronic Sensors detect:

* Aerosols
* Pesticides
* Smog
* Ozone
* Dust
* Chemicals
* Industrial Pollution
* Carbon Monoxide
* Tobacco Smoke
* VOC's



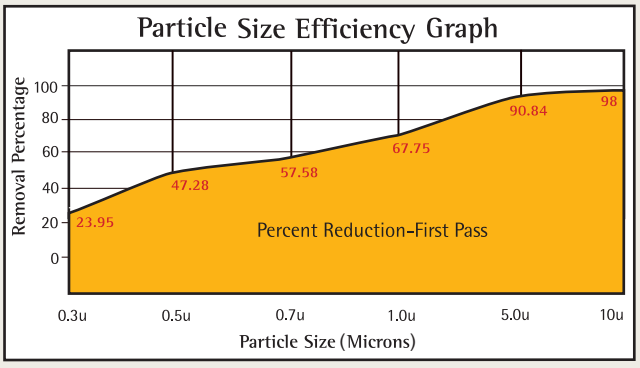
CX3000GS Ducted Air Purifier



1. Electrostatically charged needled fiber MERV-11 filter
2. Powder coated Paint-Loc steel case
3. High output germicidal UVC lamps
4. Rust-proof gold zinc plated pull out case
5. Cabinet locks
6. Quick disconnect power cord
7. Photo-catalytic converter - 70 sq. ft. of surface area
8. Sight ports to verify lamp operation
9. Computerized service panel

Performance Data

CX3000GS AIRFLOW & RESISTANCE DATA		
Airflow (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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