

MULTIPLE TECHNOLOGIES

XJ-3000C

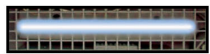
AIR PURIFICATION SYSTEM

IONIZER HEPA FILTER UV LIGHT ACTIVATED CARBON

A Surround Air Purification Product

Multi-Tech™ Combines the
Top 5 Technologies into One Air Purifier.

 Ionizer Inside Air Outlet. 



Germicidal UV Lamp Located Behind Filter Cartridge.



Clean, Easy, and Low-Cost Filter Replacement.

Low Cost of Ownership. Most air filters cost more in replacement parts 6-12 months than Multi-Tech replacement filters and germicidal UV lamp cost in a 3-year period. Also, unlike most air filters, which cost up to a couple hundred dollars or so a year in energy consumption, the XJ-3000C costs just a few dollars a month in electricity to operate.

Quiet and Powerful Fan. Low sound, even on the high setting. Effectively circulates ions throughout an entire room (up to 500 sq. ft.), while drawing high volumes of particulate through the filter.

No Maintenance. No cleaning is required, just clean and simple filter and UV lamp replacement.

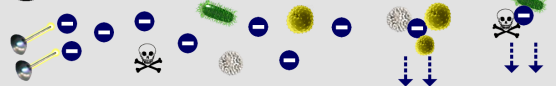


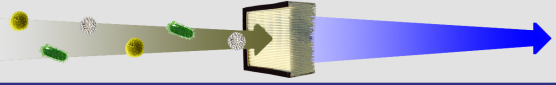
An Air Purification Technology for Every Air Pollutant -


Since certain technologies are much better than others at removing certain pollutants.


6-Stage Air Purification System


- 1 AIR IONIZER** to remove allergens, bacteria, chemicals & other particles from air.


- 2 HEPA AIR FILTER** which is 99.97% effective at removing particles such as dust & mold.



- 3 GERMICIDAL UV LAMP** to destroy micro-organisms like germs, viruses, bacteria & mold.


- 4 ACTIVATED CARBON FILTER** for chemicals, gases, odors and cigarette smoke.


- 5 OZONE OPTION** which can be activated to remove strong odors, or completely disabled.



Highly Reactive Ozone Molecule Single Oxygen Atom Oxidizes Pollutants
- 6 ANTI-BACTERIAL PRE-FILTER** extends the life of other filters by removing larger particles.



“

The next morning, I awoke for the first time I can ever remember with nasal passages clear enough to breath through my nose!

”

- L. Lanning, Ohio

The Synergy of Multiple Technologies

How Each of the Multi-Tech Air Purification Methods Compliment One Another.

Air Ionizer

- **Effectively removes particulate** from the air, such as bacteria, mold, dust mites, and other allergens. Ionization also removes ultra-fine particles that a filter cannot capture such as smoke, viruses, and chemical fumes.
- **Increases the effectiveness of the HEPA** and activated carbon filter system by causing particles to magnetically attract together, resulting in larger particles that are easier for the filter to capture.
- **Disinfects viruses and bacteria** trapped in the filtration bank of the Multi-Tech XJ-3000C that would normally reproduce in the typical filter.
- **Circulates ions throughout the a room.** Air-cleaning negative ions are able to circulate throughout a room, beyond the coverage area of a filter. The Multi-Tech's fan results in better distribution of the ions.

HEPA Air Filter

- **Removes 99.97% of particles** (at .3 microns in size) that pass through the filter, preventing them from recirculating into the air. Largely considered the most effective type of air filter for solid particles, such as allergens.
- **Captures a high volume** of floating dust and other particles, including many of the ionized particles that would otherwise just settle to the ground if a typical ionizer were used.

Germicidal UV Light

- **Destroys micro-organisms.** UV (ultraviolet) light is **scientifically proven** to destroy a large variety of microbial contaminants, such as viruses, germs, bacteria and fungi (including mold).
- **Reduces illness & disease.** Ultraviolet light air purification has been used for years by the **medical field** (including hospitals) to sanitize rooms and equipment, in order to prevent the spread of illness and disease.
- **Recommended by Centers for Disease Control** for its ability to destroy biological pollutants.

Activated Carbon Air Filter

- Specializes in capturing and neutralizing chemicals, gases, odors and cigarette smoke, **which the HEPA filter cannot capture.**

Ozone Option

- **Powerful odor eliminator** that is much more effective than other methods.
- **Powerful disinfectant** at close range, making it an **effective filter sanitizer**, preventing microbes trapped in the filter from reproducing.
- In the Surround Air XJ-3000C, the **ozone can be completely disabled** if it is not needed or wanted, while everything else still runs at full power.

Anti-Bacterial Pre-Filter

- **Preserves the life of other filters and destroys bacteria.** Captures the larger particles, increasing the life of the HEPA and activated carbon filters.

Available through:

Specifications

Air Ionizer

Negative Ion Output: 12,000,000/cm³
Negative Ionizer: Needlepoint ionization
Material: Stainless steel needlepoints

Air Filter

Combination Filter Cartridge: Consists of HEPA, activated carbon, and anti-bacterial pre filters
HEPA Filter Efficiency: 99.97% at 0.3 microns
Replacement Frequency: 1-2 years
Air Filter Cartridge Size: 11.25" x 5.25" x 4"

Germicidal UV Lamp

UV Wavelength: UV-C, the short germicidal range of the UV wavelength
Nanometer Frequency: 254nm
Ozone Production: < 0.008ppm

Ozone Generator

Output Settings: Off, Low, Med., High
Off Setting: Ozone Completely Disabled
Ozone Output: 50 mg/hr (high setting)

Fan

Speed Settings: High, Med., & Low
Fan Speed: 71 cfm (high setting)

Electrical/Power

Power Consumption: 40 Watts
Electrical: 120VAC/60Hz

Size

Dimensions: 15" (W), 13" (H), 7.75" (D)
Weight: 10 lbs.
Cord Length: 72"

Coverage Area

Normal Conditions: 500 sq. ft.
Heavy Pollution: 250 sq. ft.

Controls

Timer Option: 1, 2 & 4 hours
Ozone/Sanitizer: Off, Low, Med., High
Power: On/Off
Fan Speed: Low, Medium, High

Enclosure

Environmentally-safe ABS plastic