

AllerAir Industry's full range of UV models can provide optimum filtration benefits for a multitude of applications. Not only do these units come complete with both carbon and HEPA filters, they can also safeguard an ambient air environment against various airborne bacteria, viral particles, as well as other infectious matter.

The enhanced activated carbon filter will work on removing gases, fumes, and odors, such as formaldehyde, radon, fluorine gas, to name but a few. The HEPA filter will remove, dust, dust mites, mold, asbestos particles among others.

What makes this unit truly special is the UV filtration component. AllerAir's UV model units will lower bacterial count more than if it were done through ventilating a room at a rate of 100 air exchanges per hour. The general normal rate of air exchanges for most homes, over the same period of time, is no more than a half dozen times.

WHY UV UNITS ARE NEEDED?

With AllerAir's UV unit in use, destroy viruses, bacteria & mold. These airborne endotoxins, which can cause fever, sap energy, affect white blood cell levels, as well as lead to respiratory and gastrointestinal distress.

- Microscopic fungi (yeast & mold), are typically carried through the air. High indoor humidity can help sustain spores, which then can attack living cells, and hence cause infection.
- In response, this can trigger an immune response, and therefore lead to hypersensitivity, and thereafter to allergies.

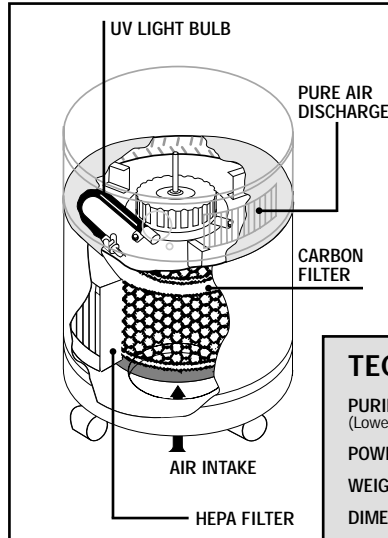
A UV unit will kill this matter therefore saving an immune system response.

Mycotoxins are a byproduct of molds and can affect humans as well as animals and symptoms tend to disappear, once toxinogenic molds are removed. Homes or offices with humidifiers, cooling systems, spas, etc., are breeding grounds for microscopic organisms, most of which are harmless, but unfortunately not all, (which can be dangerous and even deadly).

The use of a UV unit can improve the air quality and ameliorate the hygiene of the ambient air in most environments. These units can be used to sterilize the air in clinics, laboratories, computer clean rooms, isolation chambers, etc. They can also be used to improve the air quality in most homes, and therefore reduce human exposure to a multitude of airborne matter, which would normally increase ones chances of becoming infected.

FOR MORE INFORMATION PLEASE CALL

UV UNIT (ULTRA VIOLET)



HOW ALLERAIR'S UV MODEL WORKS

- 1 Air enters unit.
- 2 Gases, chemicals, odors & fumes are filtered out through the carbon filter.
- 3 Dust, dust mites, pollen, antigens & other airborne particulate then are filtered through the HEPA filter.
- 4 Air is then circulated around the UV lamp, allowing for exposure time, which in turn kills pathogens.
- 5 Clean air then vacates the unit through the exhaust vent.

TECHNICAL SPECIFICATIONS

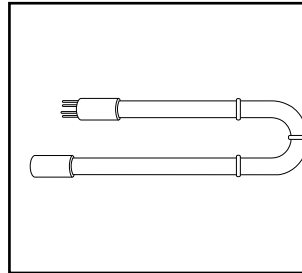
PURIFYING CAPACITY: 50 - 200 Cubic Feet per minute.
(Lower speed allows maximum exposure time for best elimination of pathogens)

POWER REQUIREMENTS: 134 watts 120 V

WEIGHT: (depending on model) 38-60 lbs.

DIMENSIONS: (depending on model)

ULTRA VIOLET (J-BULB)



LAMP SPECIFICATIONS

LAMP WATTS: 15w

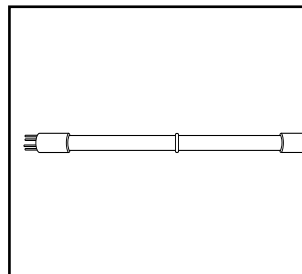
APPROXIMATE LAMP CURRENT: 425 mA

OZONE OUTPUT: -0

RATED EFFECTIVE LIFE: 10,000 hours

CERTIFICATION: CSA, UL

ULTRA VIOLET (ST-BULB)



LAMP SPECIFICATIONS

LAMP WATTS: 10w

APPROXIMATE LAMP CURRENT: 425 mA

OZONE OUTPUT: -0

RATED EFFECTIVE LIFE: 10,000 hours

CERTIFICATION: CSA, UL

TEST DATA

