

# 5000 Vocarb

## Specially designed for airborne chemical and odor problems

Impregnated activated carbon bed alleviates environments with Volatile Organic Compounds (VOC)



**Volatile Organic Compounds are chemicals released by many household products. Our 5000 Vocarb model includes special features to trap these VOCs.**

### Any of 40 specially-blended carbon beds

- 18 lbs of activated carbon is impregnated with catalysis to increase adsorption capacity for specific VOCs. AllerAir air quality experts create custom blends to deal with any VOC.

### HEPA filtration

- HEPA filter traps 99.97% of particles as small as 0.3 microns.

### Pre-filter

- Traps larger particles to prolong the life of your HEPA and Carbon filters.
- 2 anti-microbial filters suppress any microorganisms around the filter.
- Easy and rapid cleaning can be done in 30 seconds.

### Robust all-metal housing

- Baked enamel housing avoids the release of vapors from plastics and ensures that no harmful gasses are released.
- 18 gauge steel.
- Cylindrical shape maximizes airflow.

### 3-speed fan

- 400 cubic feet per minute
- Turbo setting completely circulates the surrounding air.
- 10 year Guarantee.
- Can change air up to 12 times an hour in smaller rooms.
- Cleans up to 1500 square feet.
- Quiet motor is ideal for overnight use.
- Low electrical consumption (80 Watt average).

### Options

- Over 40 different blends of impregnated carbon available.
- Positive and negative air attachments.
- Attachment for central air system.
- D and DX models available.

#### Eliminates VOCs often found in the home:

- |                  |                      |
|------------------|----------------------|
| - Formaldehyde   | - Mold Toxins        |
| - Ammonia        | - Methylene chloride |
| - Sulfur dioxide | - Toluene            |
|                  | - Tobacco smoke      |

#### The 5000 VOCARB

18 lbs. of specially impregnated activated carbon, combined with true HEPA

#### Traps particles:

- Pollen
- Dust
- Dust mites
- Pet dander

#### Adsorb Chemicals, gasses and Odors:

- Airborne chemicals
- Mold toxins
- Paint fumes
- Cleaners
- Solvents
- Furniture glue
- Carpets
- Plastics
- Insulation materials
- Printer emissions
- Cigarette smoke



Shipping Weight: 50 lbs

**Invest in the health of your family with the AllerAir 5000 Vocarb**

# The 5000 Vocab

□ □ **Impregnated activated carbon bed alleviates environments with Volatile Organic Compounds (VOC)**

The EPA identifies indoor air quality as the number one pollution problem we have today.

We spend up to 90% of each day indoors, and half of that time is in our own home.

Most domestic purifiers only protect you from particles. They spray a few grams of carbon on mesh, but that's simply not enough to protect you from the hazardous effects of gasses odors and chemicals.

Impregnated activated carbon is the material the military uses for their gas masks.

An effective air purifier increases the quality of your life, so invest in an AllerAir unit today.

## Facts about VOCs

- The EPA has found that levels of VOCs are 2 to 3 times higher than they originally believed.
- Many VOCs are known carcinogens.
- Everyday household products which contain VOCs include:
  - Paint, wood preservatives and solvents
  - Aerosol spray
  - Disinfectant. Moth repellent and air freshener
  - Hobby supplies
  - Fuels and automotive products
  - Dry-cleaned clothing
- Even when these products are stored, they continue to emit VOCs.
- Upon the use of these products, VOC levels are up to 500 times higher than usual.

## Dangerous health effects associated with exposure to VOCs

- Eye, nose and throat irritation.
- Headaches, nausea and diminished coordination.
- Liver, kidney and central nervous system damage.

## Examples of VOCs often found in indoor air:

### Formaldehyde

A known carcinogen found in older insulation, furniture, carpet, glue and tobacco smoke. Leads to burning in your throat, watery eyes, nausea, difficulty breathing, and it can bring on asthma attacks.

### Mold micro-toxins

These highly carcinogenic VOCs are the by-product of mold infestations (even when they are dead and dried up). They are toxic to humans.

### Tobacco smoke

A known carcinogen found to contain more than 400 chemicals and gasses.

### Methylene chloride

A known carcinogen found in aerosol paint and solvent causes symptoms associated with carbon monoxide.

### Ammonia

Originate from cleaning products and litter boxes, these VOCs cause eye and skin irritation, nose bleeding and sinus problems.

**Chemicals have replaced bacteria and virus as the main threat to human health in western industrial nations**