



## MCS series air cleaners

Specially designed for people with Multiple Chemical Sensitivities

### Special features to reduce the incidence of off-gassing even the smallest traces of chemical vapors

- All metal housing.
- American made motor with minimum varnish on the windings.
- No glue or bonding agents used in the carbon filter.
- Inert gaskets on filters - no glue.
- Pre-filter made of pesticide-free unbleached cotton muslin.
- Nylon casters instead of plastic.

### Quiet air moving power

- Quiet powerful motor to maintain chemical free air quality 24 hours a day.
- 400 cubic feet per minute fan capacity, Effective up to 1500 sq. ft.

### High efficiency filtration system

- Unbleached cotton muslin pre-filter
- HEPA to trap up to 99.97% of particulate matter as small as 0.3 microns (the size of some bacteria) or a micro-particulate filter.
- Mass Activated Carbon Bed filter to remove gases and odors.
- Up to 40 blends of activated carbon available for specific chemical problems.

### Available colors

Black, White, Sandstone or Hammered Pewter

### 5000 D-MCS

A full sized unit designed for people extremely sensitive to airborne chemical toxins.

- Cleanable pre-filter.
- 21 lbs. mass activated carbon bed filter.
- Micro-particulate filter.
- 2 inert filters on carbon.
- 1 cotton muslin pre-filter.



AllerAir 5000

### 5000 MCS

Designed for people with sensitivity to chemical toxins as well as to particulate allergies.

- Cleanable pre-filter.
- 18 lbs. mass activated carbon bed filter.
- HEPA filter (with metal cap and AFM bonding)
- 2 Inert filters on carbon.
- 1 cotton muslin pre-filter.

# The **AllerAir**™ MCS Series air cleaners

Specially designed for people with Multiple Chemical Sensitivities

Our bodies do have some defenses against particles but none against gases and odors.

Most residential air cleaners on the market only really protect against particles. They may only have a few grams of carbon sprayed on a mesh for gases and odors. It's not enough.

Activated granular charcoal is the filter material used in military gas masks or any serious air filtration device.

**AllerAir** air cleaners are used in hospitals, dental clinics, laser eye surgeries, homes, industry, offices etc.

Invest in a real serious air cleaner: help preserve your health.

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

## **What is MCS?**

- MCS may start with a severe or long-term exposure to toxic chemicals which then causes a long term acute sensitivity to airborne gases often found in indoor air.

## **Relieving MCS people from airborne irritants**

- Perfumes, pesticides, cleaning products, fuels, carpets building materials become intolerable to a person who has developed MCS.

## **Symptoms of MCS**

- Symptoms may include difficulty in breathing, migraines, irritated eyes, loss of concentration, fatigue, aching muscles and joints etc.

## **An AllerAir MCS air cleaner will help**

- The use of an AllerAir MCS air cleaner will help to relieve these symptoms by trapping and significantly reducing the airborne chemicals in the indoor air.

## **AllerAir MCS units are specially constructed**

- An important feature of AllerAir MCS units is that they are designed and built to ensure that the air cleaners themselves minimize even the smallest traces of chemical vapors, while they do their work.

## **The importance of activated carbon filtration**

- The airborne chemicals, gases and odors that cause the symptoms of MCS are trapped by the Mass Activated Carbon Bed (MAC-B) filter.
- Most off-the-shelf air cleaners on the market only have a few ounces of carbon sprayed on a mesh. AllerAir MAC-B filters contain from 18 to 21 pounds of activated carbon that remove large amounts of chemical gases for up to 24 months before replacement.

## **A choice of models**

- The 5000 D MCS is a full sized unit with a 21 lbs MAC-B filter with a micro-particulate filter.
- The 5000 MCS has a 18 lbs MAC-B filter with a true HEPA filter for finer particle abatement.

## **Effective up to 1500 square feet**

- Each of the AllerAir MCS units has the capacity to clean the air in a large room.
- Three speed motor can be set for rapid room cleaning or quiet overnight use in the bedroom.
- For whole house cleaning multiple units or a central air system are recommended.

## **Ask our experts**

- Your local AllerAir dealer and air quality expert will advise you on the best solution for your individual situation.