



MEDAIR BULLETIN JAN 2010

GETTING RID OF DUST MITES

Medair high voltage electrostatic precipitator technologies which result in a very high filtration effectiveness and with no ozone emitted and UV light intensity leakage. MedAir outstanding ability show up us that they can deliver large amounts of purified air within a short period of time and with very low noise during machine operation (as silent as 8dB that human ear can not hear). This also makes them a top choice for a bedroom air purifier. Free of consumable design let user can save up much running cost for filter replace. User may just wash the filtration chamber regularly then it make the machine filtration performance become back as like as a new one.

Getting Rid of Dust Mites

Dust mites cause misery and discomfort to allergy and asthma sufferers. MedAir 601 ElectroMed EP filtration system filter out over 90% of airborne bacteria (TBC) in a 200ft.2 room within 30 minutes and over 97.5%% within 1 hour. Also, which can filter out over 86.6% of (PM10) particles in a 200ft.2 room within 30 minutes and over 99.3% within 1 hour. Such outstanding performance make MedAir 601 ElectroMed can effective for removing pollutant matters including dust mites, pollen grains, mould spores and pet dander. This gives some relief to allergy and asthma sufferers that run their air purifiers continuously, especially in the bedroom.

In fact, dust mites can be a big problem to us who react to dust mite allergen. Mites are probably the most common cause of year-round allergy and asthma according to the Asthma and Allergy Foundation of America. Dust mites are everywhere, except Antarctica. They are so small you can't see them without a microscope but unlike bed bugs they don't bite.

A dust mite lives from 2 to 4 months and a single female can lay up to 100 eggs. But, dust mites themselves are not the problem. What causes the allergic reaction is the dried excrements and body parts from dead dust mites. Dust mites require a relative humidity of over 50% in your home, office, medical or commercial establishment to live. If humidity is under 40%, the mites die. But, they leave behind the allergen.

A dust mite's food source is the skin cells we shed. One individual produces enough dead skin cells to feed one million dust mites a day. Since the tiny flakes of dead skin work their way down into your mattress, box spring, pillow, carpet and upholstered furniture, dust mites have can living year-round.

Allergic reactions to various allergens such as mould spores, pollen and pet dander are similar to dust mite allergen. The worst reaction for many of us is when we wake up in the morning. Here are some of the symptoms:

- Sneezing
- Runny Nose
- Itchy, Red or Watery Eyes
- Nasal Congestion
- Itchy Nose, Roof of Mouth or Throat
- Post Nasal Drip
- Cough
- Facial Pressure and Pain
- Frequent Awakening
- Swollen Blue-Coloured Skin Under Your Eyes
- In a Child, Frequent Upward Rubbing of the Nose

Dust mite allergen can also trigger asthma attacks. We should be especially vigilant in controlling our inside environment if they have trouble breathing, have tightness or pain in the chest, have a whistling or wheezing sound when exhaling or have trouble sleeping caused by shortness of breath.





MedAir can control the affect of dust mites, especially in the bedroom. Depending on the model, MedAir clean air in a room 15 times an hour (601 ElectroMed in 100ft.2 bedroom with just need fan speed 2) or 360 times a day compared to once or twice an hour or 24 or 48 times a day for most competitive manufacturers. Keeping an MedAir running 24/7 can effective help to direct combat with allergies and asthma.

All air purifiers don't clean the same pollutants from the air. There are differences in when and how they clean. Some remove dust and particulates such as pet dander and smoke while others will actually eliminate bacteria, viruses, moulds and mildew. Just a few air purifiers such as MedAir ElectroMed is effective to remove all these things.

601 Series
990 x 425 x 260
H x W x D (mm)
Service 900 ft.2



504 Series
625 x 430 x 260
H x W x D (mm)
Service 600 ft.2



www.medair.asia