

Indoor Air Quality

In your home and office you are literally surrounded by dust. It collects in your carpets, on furnishings, on drapes and window coverings, and worst of all, in your central heat and air system.



The most frustrating part is that even frequent filter changes cannot stop the contamination. This is because the average disposable filter traps less than 20% of the dust and pollen in the air. The other 80% passes through the filter into your air ducts.

Inside your air ducts, over time, these particles build up. When heat and/or moisture is introduced (during both the heating and cooling seasons) an incubator effect is created that causes dust mites, germs, bacteria, and fungi to grow, feeding on the organic



particles in the dust.

Hundreds of sick building incidents, including (according to the National Centers for Disease Control) the Legionnaire's outbreak that killed 29 people in 1976, have been traced to improperly maintained ventilation systems.

Scientists predict indoor air quality will be the most critical and complex environmental health issue for the next 10 years. Life-threatening situations can result when heating or cooling systems are neglected or improperly maintained.

The media are alerting and educating consumers about the health and safety concerns relating to indoor air. Allergists, too, are telling their patients that their health problems may be agravated by contaminants in duct-work and that those contaminants must be removed.

About 35 million Americans suffer from allergic reactions. Of those, 14% suffer as a result of the fungi and bacteria found growing in heating and cooling systems.

