



AIR QUALITY FACTS

- Indoor air has been found to be up to 70% more polluted than outdoor air. (EPA)
- More than half of the US population is breathing unhealthy amounts of air pollution. (American Lung Association's State of the Air, 2004)
- Children are more likely than adults to be affected by polluted indoor air. (Dept. of Consumer Affairs)
- According to Scientific America, a baby crawling on the floor inhales the equivalent of 4 cigarettes a day, as a result of the out gassing of molds, mildews, fungi, dust mites, etc.
- The average 6 room house collects 40 pounds of dust a year. (Discover Magazine)
- A build up of 0.42 inches of dirt on a heating or cooling coil can result in a decrease in efficiency of 21%. (EPA)
- 9 out of 10 heating, ventilating, air conditioning systems failures are caused by dust and dirt. (Louisiana Coop Extension Service)
- Most commercially purchases fiberglass filters are only 7% efficient in stopping dirt, dust, pollen, etc. Passing through it. (ASHRAE)
- 50% of all illnesses are either caused or aggravated by polluted indoor air. (American College of Allergists)
- Most people spend well over 90% of their time indoors. In which case, indoor air is going to impact our health far more than outdoor air.
- The EPA informs us that 6 out of 10 homes and buildings are "sick", meaning they are hazardous to your health to occupy as a result of airborne pollutants.
- Poor indoor air quality can cause or contribute to the development of chronic respiratory diseases such as asthma and hypersensitivity pneumonia. In addition, it can cause headaches, dry eyes, nasal congestion, nausea and fatigue. People who already have respiratory diseases are at greater risk.
- Today, some 50 million Americans suffer from at least one allergic condition according to American Academy of Allergy Asthma and Immunology. These allergies are responsible for \$15 billion in medical costs and an estimated 10 million lost school days and 3.5 million lost workdays each year.

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