

Causes of Poor IAQ



Attempting to stop molecules
(ODORS & Chemical IRRITANTS)
with ordinary particle filters
is like trying to catch
gnats with a butterfly net!

Outdoor pollutants effect indoor air quality only slightly.

Traffic and industrial fumes, pollens, fungal spores and fine silts enter tight, modern buildings with foot traffic and "fresh air" make-up.

Indoor pollutants don't enter buildings; they come from inside sources.

Recent EPA studies show that most indoor air pollutants are molecules which have evaporated from sources indoors: foam padding, glues used in hardboard and plywood construction materials, vinyl wall coverings, plastics in general, carpeting, carpet padding, copiers (solvents), laser printers (ozone), blue-printers (amines), housekeeping cleaning agents (organic solvents), food preparation, cigarette smoke, perfumes, aftershave, deodorants, soaps and human bodies.

Molecules from indoor sources, not particles, are the cause of most indoor air pollution.

Attempts to clean polluted indoor air by forcing it through the best particle filters or electrostatic filters have failed because molecules are ten thousand times smaller than filterable particles - far too small to be strained out of the air.