

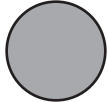
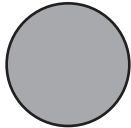
Indoor Air Quality Chart*



Fresh Air

KEY INDOOR AIR CONTAMINANTS

SIZE COMPARISON



CONTAMINANT

Pollen

Plant Spores

Bacteria

Animal Dander

Lung Damaging Dust

Smoke

ACTUAL SIZES

10-100 microns

10-35 microns

.3-35 microns

.3-10 microns

.5-5 microns

.01-1 microns

Why Use Smoke to Test an Air Cleaner?

Smoke is smaller than almost all key harmful airborne contaminants.

In order for an Air Cleaner or a filter to act as a **USEFUL PROTECTION DEVICE** it must work effectively on lung damaging dust. (.5-5 microns).

Thus a smoke test is an ideal way to actually **ILLUSTRATE PERFORMANCE** because smoke particles are smaller than most key problem contaminants, including LUNG DAMAGING DUST!

The Smoke Challenge Test supports all our test documentation and demonstrates **ACTUAL REAL LIFE** performance right before your eyes!

Air Contaminant Data taken from the American Industrial Hygiene Association **1 micron = 1/25,400th of an inch

*Illustration purposes only. Compiled by Independent Dealers.