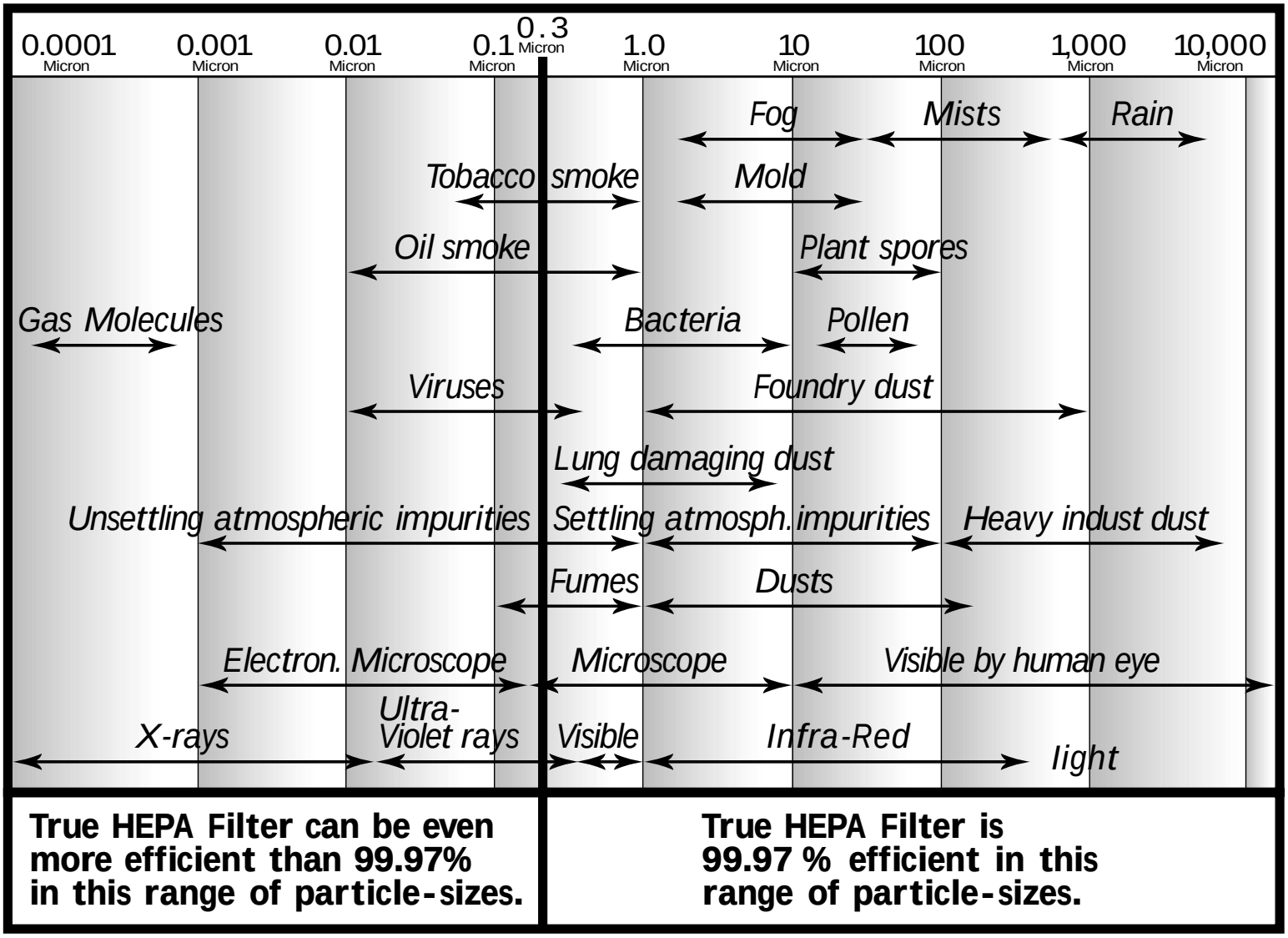
AllerAir™
INDUSTRIES INC.

What is AllerAir medical grade H.E.P.A.?

(HIGH EFFICIENCY PARTICULATE ARRESTANCE)



MLM_What is HEPA

HEPA filters were developed by the Atomic Energy Commission during World War 2 to remove radioactive dust from their plant exhaust. HEPA filters ***(HIGH EFFICIENCY PARTICULATE ARRESTANCE)*** *are now the primary filtration systems for electronic clean room assembly, isolation wards, surgical theatres, bioengineering, pharmaceutical processing, and any application where maximum reduction or removal of sub-micron particulate is required. HEPA filtered air is* ***99.97%*** *free of all particulate down to* ***0.3 microns*** *(including bacteria, fungal and other opportunistic microbiologicals). Because of this, HEPA is rapidly coming into many medical applications, such as isolation of patients under treatment involving immunological isolation, care for burn victimss, orthopedic surgery etc.*

The HEPA filter maintains its efficiency over it's two to five year lifespan. It is 99.97% efficient by particle count down to 0.3 microns, which is 1/75,000 of an inch, or 1/300 the diameter of a human hair. It becomes even more efficient below the 0.3 micron particle size. HEPA does not require any cleaning or maintenance to maintain its efficiency.

Because all respirable particulate including bacteria, fungi, and other minute airborne contaminants are trapped in the HEPA filter, the use of HEPA filtration, when properly applied, will significantly eliminate or reduce the deleterious health effects of airborne contaminants on the respiratory system.

It is for this reason, that HEPA filters are recommended by more allergists, medical professionals and clean air consultants, than any other filter system available.

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