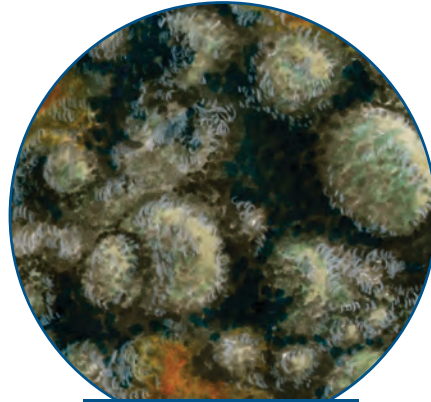


# High Efficiency Whole-Home Air Cleaners



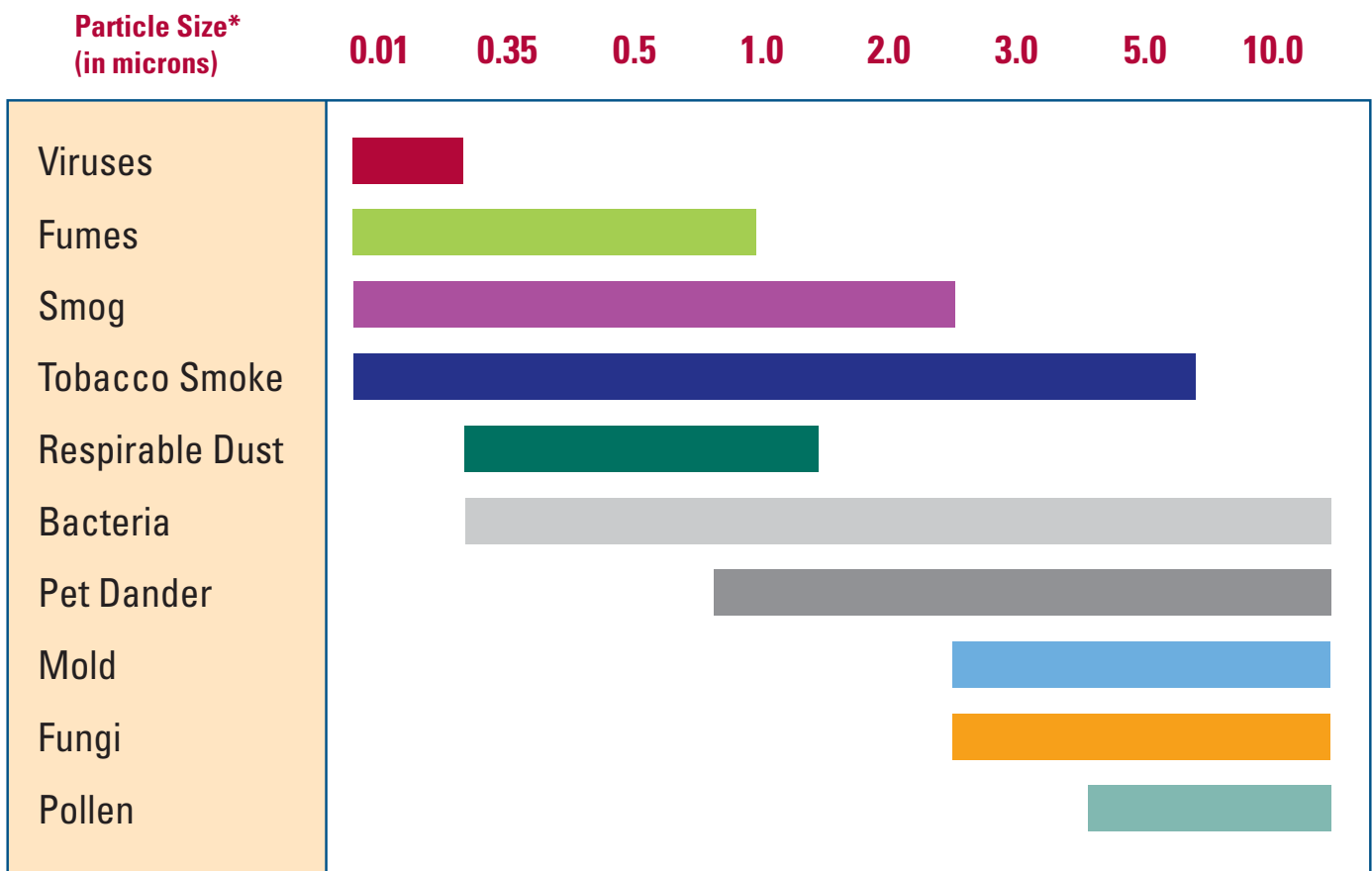
Pollen



Mold Spores



Dust Mites

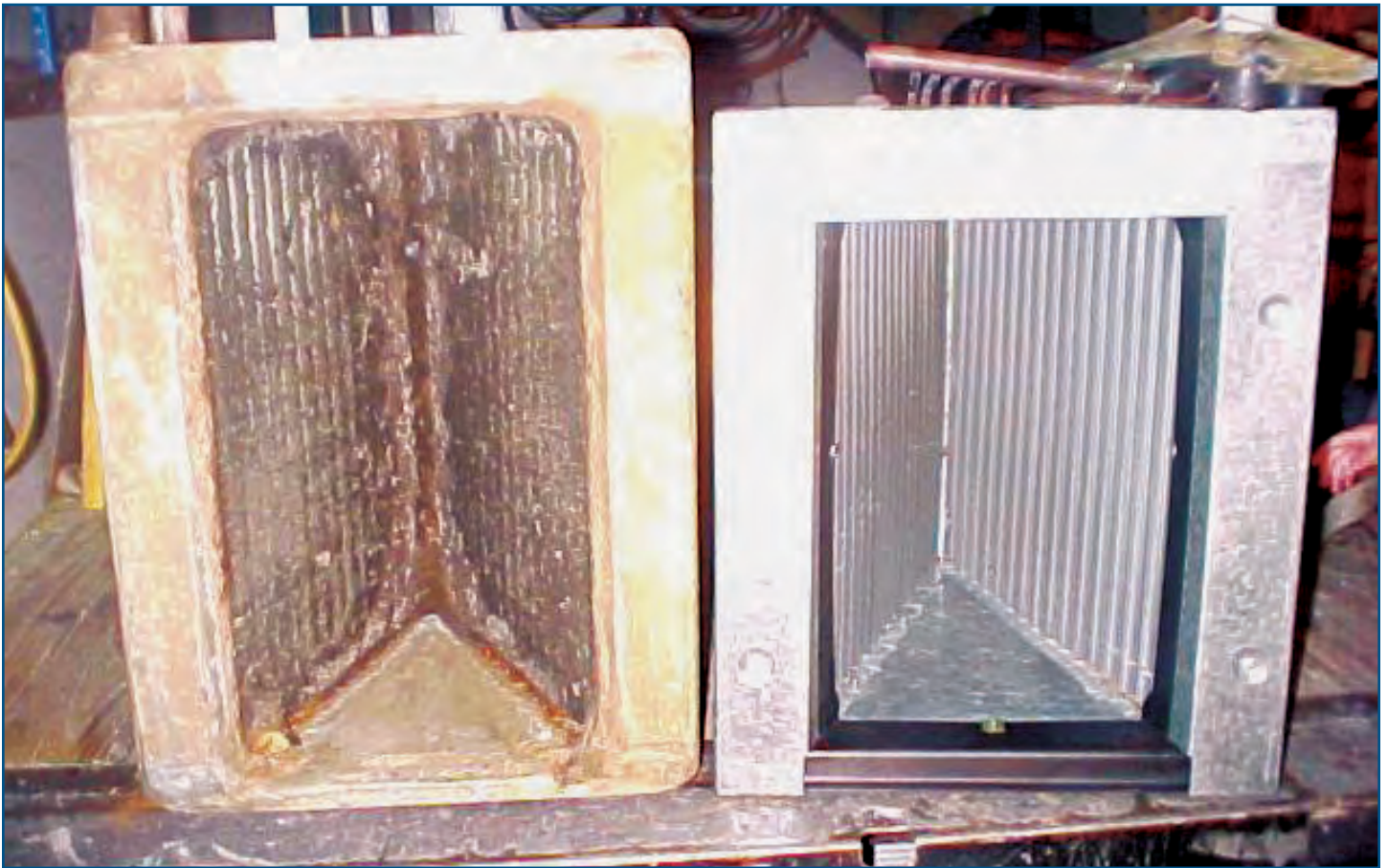


\* Micron - A unit of measure equal to one-millionth of a meter (1/25,400 inch). A human hair is approximately 100 microns in diameter.

# ***High Efficiency Whole-Home Air Cleaners***

## **A Clean System:**

- **Uses less energy**
- **Breaks down less often**
- **Doesn't harbor mold & smells**



10 year old  
air conditioning coil  
without whole-home  
air cleaner

10 year old  
air conditioning coil  
with whole-home  
air cleaner

**Both systems in same neighborhood, same style & age of home.**

# High Efficiency Whole-Home Air Cleaners

## Portable Air Cleaners:

- 6 rooms = 6+ units  
(unit needed in every room)
- Intrusive – in your living space
- Each unit requires frequent maintenance

## Whole-Home Air Cleaners:

- 1 unit for entire home
- Installed with HVAC system
- Once per year maintenance
- Costs less
- Silent operation
- Completely invisible; out of your living area

# High Efficiency Whole-Home Air Cleaners



“The effectiveness of an air cleaner depends on how well it collects pollutants from indoor air (expressed as a percentage efficiency rate). Table-top air cleaners, in particular, may not remove satisfactory amounts of pollutants.”

[www.epa.gov](http://www.epa.gov)



“Almost 70% of U.S. households have one or more domestic pets... Allergic owners suffer from reactions to their pet's dander, skin flakes...hair or fur also can collect pollens, mold spores and other outdoor allergens.”

[www.aaaai.org](http://www.aaaai.org)

## Facts and Figures

- Polluted air causes 94% of all respiratory problems.
- Each person inhales over 3,500 gallons of air each day.
- Every day, the weight of the air we breathe is more than that of the food we eat.
- We can only see about 1% of air pollutants with the naked eye.
- It is estimated that a person takes 20,000 breaths each day.
- About 40,000 dust mites can live in one ounce of dust.
- A person sheds up to 700,000 skin flakes per day.

## For Additional Information:

Environmental Protection Agency • [www.epa.gov](http://www.epa.gov)

HomeTips • [www.hometips.com](http://www.hometips.com)

American Lung Association • [www.lungusa.org](http://www.lungusa.org)

AIRnow • [www.airnow.gov](http://www.airnow.gov)

National Network for Health • [www.nnh.org](http://www.nnh.org)

US Department of Health & Human Services • [www.nih.gov](http://www.nih.gov)

WebMD • [www.webmd.com](http://www.webmd.com)

# High Efficiency Whole-Home Air Cleaners

There is a need for high efficiency whole-home air cleaners.

**Air Advice Study: Independently tested the air in 10,000 homes**

- 85% of homes had high particulate levels

