

Did you know...



Filters have arrows stamped on their framework to show the way they should be installed according to airflow.

Dirty filters reduce efficiency and contribute to higher electricity consumption and the premature failure of your unit.



Calendar scheduling or visual inspection is the best means to decide when to change a filter.



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# Filters

***What should you know  
about your air conditioning  
system's filter?***



# Which filter is right for you?

Maintain the indoor air quality of your home and protect your air conditioning system by choosing a filter that's right for you and your family.

Filters range in materials, cost, and efficiency. Cheaper solutions may be less efficient, allowing more airborne particles to enter your home such as dust, mold, bacteria, and viruses. More efficient solutions may cost more, but keep your air cleaner and add life to your air conditioning system.

## Fiberglass Filters

- Traps 10-20% of air particles
- Disposable
- Have little depth and tend to clog easily

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## Metal Filters

- Traps 20% of air particles
- Can be washed and reused
- Must be treated to maintain efficiency

## Pleated Filters

- Traps 30 - 40% of air particles
- Made with cotton or synthetic fabrics
- Pleats increase efficiency and reduce pressure on your system

## Electrostatic Filters

- Traps 90% of air particles
- Available in disposable and washable formats

## Electronic Filters

- Traps virtually all airborne particles, including smoke, viruses, mold spores, and dust
- Consumes 60 watts of electricity for most consumers
- Requires electrical hookup and sometimes additional ductwork

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## What is a micron?

A micron is one-thousandth of a millimeter in diameter. Most filters do a better job with particles that are 5 microns or larger - it is the smaller particles that can be difficult to trap.

Disposable filters let through as much as 90% of breathable particles into your home. Upgrading to a more efficient filter can greatly reduce the risk of airborne illness to you and your family.

Allergy and asthma sufferers may want to consider a more efficient filtration system for this reason.

Before installing or upgrading your filter, check with your air conditioning contractor. Each air handling system is designed differently and may require modifications before changes can be made.