



Indoor comfort in your home is about more than just adjusting the temperature on the thermostat. Many homeowners overlook the need for necessary components and systems that can improve the indoor air you breathe. Indoor air quality products and systems are quite frequently treated as accessories. We define them as **indoor air essentials**.



**WHOLE HOME  
MEDIA FILTRATION**

FILTRATION



HUMIDITY CONTROL



PURIFICATION



VENTILATION



**Breathe easier with the AM Series Air Cleaner**

**Protection you need**

A central heating and cooling system offers just the basics with regard to enhanced indoor air quality for you and your family. Consider the fact that the Environmental Protection Agency (EPA) estimates that the air you breathe inside your home could be up to five times more polluted than the air outside your home<sup>1</sup>. Beyond simply heating and cooling the air in your home, don't you want the best indoor air possible for your family? We make it a simple decision with Clean Comfort™ Indoor Air Essentials product solutions.

**High efficiency filtration**

The Clean Comfort brand AM Series of media air cleaners are a more efficient and convenient way to clean the air in your home compared to standard furnace filters, which may need to be replaced monthly. The AM Series air cleaners help to remove household dust, lint, pet dander, pollen and mold as these contaminants pass through the return air ducts of your central heating and cooling system. Available in a wide range of sizes and configurations, your HVAC professional can recommend the model that best fits your system.

**Why buy an air cleaner?**

- Helps maintain efficient operation of your central heating and cooling system by reducing airborne particles that can build up on the surface of the cooling coil.
- Reduces allergens, such as pollen and pet dander, that can trigger asthmatic or allergic reactions.
- Helps to remove a wide range of airborne dust and particulates inside your home.

<sup>1</sup><http://www.epa.gov/region1/communities/indoorair.html>



## An easy solution for cleaner air throughout your home

Clean Comfort™ brand AM Series Air Cleaners trap particles on the filter media, removing these pollutants from your home's air. Electrostatically-charged fibers enhance the filter effectiveness of the air cleaners.

Trapped particles are permanently removed from the home when the loaded filter is replaced with a new filter. For even better filtration, consider the AM14 Air Cleaners which can remove particles as small as 0.3 with 85% efficiency. Optional carbon filters are available for odor and gas removal.

## Performance you can count on

Inside a Clean Comfort™ brand AM Series Air Cleaner is a MERV 11 or MERV 14 media filter with electrostatically-charged fibers that remove particles and impurities as small as 0.3 micron from the air in your home. Easily installed in the system duct work, it provides additional protection from indoor air contaminants throughout your entire home compared to standard air filters. Because the AM Series Air Cleaners' deep-pleated media filter contains more surface area than standard furnace filters\*, they capture more particles with little airflow restriction so they last longer between filter changes and put less stress on the heating and cooling system fan.

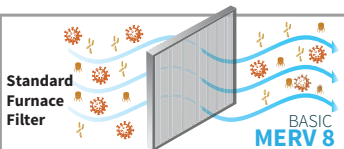
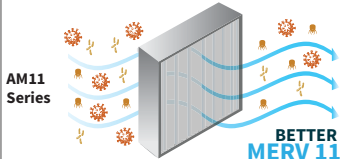
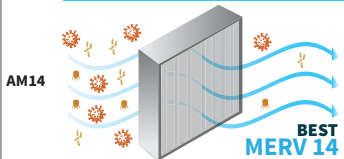
Maintenance of the AM Series Media Air Cleaner is easy. It is recommended that you replace the media filter at least once a year, depending on the specifics of your home (amount of traffic, number of occupants and household pets, etc.) Check with your HVAC professional for a recommendation.

\* Standard furnace filters are defined as 1" deep and MERV 8 or less.

## MERV 11 and MERV 14 efficiency

MERV stands for Minimum Efficiency Reporting Value, which is a performance standard for rating a filter's ability to remove particles; the higher the MERV rating, the greater the particle removal. It was developed by the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE). The AM11 Series will remove 3-10 micron particles with 85.4 - 91.1% efficiency depending upon the model. The AM14 Series will remove 3-10 micron particles with 99% efficiency for all models.

### Why does MERV rating matter? ♦

FILTER CLEANER AIR	0.3 - 1µm (tiny)	1 - 3µm (medium)	3 - 10µm (large)
 Standard Furnace Filter <b>BASIC MERV 8</b>	0	0	70-85%
 AM11 Series <b>BETTER MERV 11</b>	26-34%	66-67%	85-91%
 AM14 <b>BEST MERV 14</b>	85%	> 98%	> 99%

♦ More in-depth analysis of air cleaners and indoor air pollutants is available in the EPA technical document RESIDENTIAL AIR CLEANERS: A SUMMARY OF AVAILABLE INFORMATION (SECOND EDITION), EPA 402-F-08-005, MAY 2008. Web site: [www.epa.gov/iaq/pubs/residair.html#indoor-air-pollutants](http://www.epa.gov/iaq/pubs/residair.html#indoor-air-pollutants)

### Additional Information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost or energy efficiency rating that is available from your retailer.

Try our family of Clean Comfort brand products for your whole home

