



# AMHP-250 5-STAGE AIR TREATMENT SYSTEM

# CLEAN COMFORT™ INDOOR AIR ESSENTIALS

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 cleanse and 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 INDOOR AIR TREATMENT

FILTRATION



HUMIDITY CONTROL



PURIFICATION



VENTILATION



## Breathe easier with the **AMHP-250 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.

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

<sup>2</sup>1/100 of a human hair

### High efficiency performance

The AMHP-250 Air Cleaner is the most advanced air treatment system in the Clean Comfort brand family of products. With five stages of cleaning, the AMHP-250 filters, purifies and deodorizes the air in your home at a rate of up to 250 cubic feet per minute providing clean and comfortable air for your family to breathe... throughout your entire home.

### Why buy a whole home HEPA air cleaner?

- HEPA filtration performance: minimum of 99.97% removal of all airborne particles 0.3 microns<sup>2</sup> or larger. HEPA is the filtration standard recommended by the CDC for hospital operating rooms.
- Ultraviolet (UV) purification helps to deactivate airborne microbial contaminants like mold spores, bacteria and viruses, leaving air in your home cleaner and more comfortable.
- If you use air fresheners in your home, consider using an AHMP-250 instead. It will help reduce those smells by trapping and destroying them rather than simply masking them with fragrance.



## A smart 5-stage solution for cleaner air throughout your home

While a whole home media (AM Series) or electronic (AE Series) air cleaner processes the entire volume of air passing through your heating and cooling system, the AMHP-250 takes just a portion of the air flow — up to 250 cubic feet per minute and treats it to five stages of filtration, purification and odor removal before removing it back to your home fresh and clean. A whole home air cleaner is recommended in addition to the AMHP-250 for best results.

The AMHP-250 uses a five stage air treatment process:

1. Prefiltration using an odor-absorbing activated carbon media filter;
2. Ultra-high efficiency HEPA filtration, removing a minimum of 99.97% of all airborne particles 0.3 microns or larger;
3. UV purification using two, high intensity dual-lamp UV fixtures (non ozone-producing) that help to deactivate microbial contaminants of the air, including bacteria, viruses and mold spores;
4. Photocatalytic oxidation of airborne organic contaminants, breaking them down into basic, harmless molecules of water and carbon dioxide; and finally
5. Activated carbon / potassium permanganate filtration, absorbing residual light gases from the air stream.

These five stages of air treatment help ensure the air your family breathes is fresh, clean and comfortable. Although the AMHP-250 only treats a portion of your home's air at a time, it can treat on average all the air in a 2,000 square foot home in just over an hour of operation when running continuously on full speed.

SmartHouse Heating and Cooling  
6921 Olive  
St. Louis, MO 63130  
314-644-1570  
[www.callsmarthouse.com](http://www.callsmarthouse.com)  
[clientcare@callsmarthouse](mailto:clientcare@callsmarthouse)

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



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)

## Optimal Protection

Some people rely on portable "HEPA-like" filtration units to clean the air in their homes. But these units only clean the air in the proximity of the room where they're installed. The AMHP-250 is a whole-home system that's professionally installed and maintained as part of your home's central heating and cooling system. With five stages of air filtration and purification, the AMHP-250 Air Cleaner is one of the best solutions for providing clean and comfortable air for your family to breathe ... throughout your entire home.

