

Daikin



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.



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

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.

