

AccuClean™



FOR AIR THAT'S AS CLEAN  
AS IT IS COMFORTABLE.

*American Standard*®  
HEATING & AIR CONDITIONING

# WHY IS AMERICAN STANDARD ACCUCLEAN™ AIR FILTRATION BETTER THAN THE REST?

Cleaner air starts with better airflow. Thanks to the patented technology of American Standard AccuClean, you get just that. Traditional filters force air through dense materials to trap particles. Over time they become clogged and hamper airflow, which results in lower airflow and efficiency, also known as “pressure drop.”

But with AccuClean whole-home filtration, our unique design gives you long-lasting, consistent performance with the lowest pressure drop and highest efficiency of any filtration system on the market. All so your family can enjoy cleaner air and higher comfort.

With AccuClean™, you get up to 99.98% cleaner air, and so much more.

- **Clean air:** AccuClean™ filters the air about 7 times per day throughout your entire home. This means that airborne particles, like dust, pollens, pet dander and even viruses will be trapped in the AccuClean™ and not in your lungs.
- **Efficiency:** Removes up to 99.98% of airborne particulate and allergens down to .3 microns from the filtered air in your home. So you get cleaner air, and more of it.
- **Ozone:** We designed AccuClean with your health in mind. That is why ozone output from AccuClean is 10x less than the recommended standard allowed by the FDA.
- **Reliability:** Extraordinary 10-year registered limited warranty on functional parts.\*

\*Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 800-554-8005, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [americanstandardair.com](http://americanstandardair.com). An option to purchase transferability of your Registered Limited Warranty is available. For more information visit [americanstandardair.com](http://americanstandardair.com).



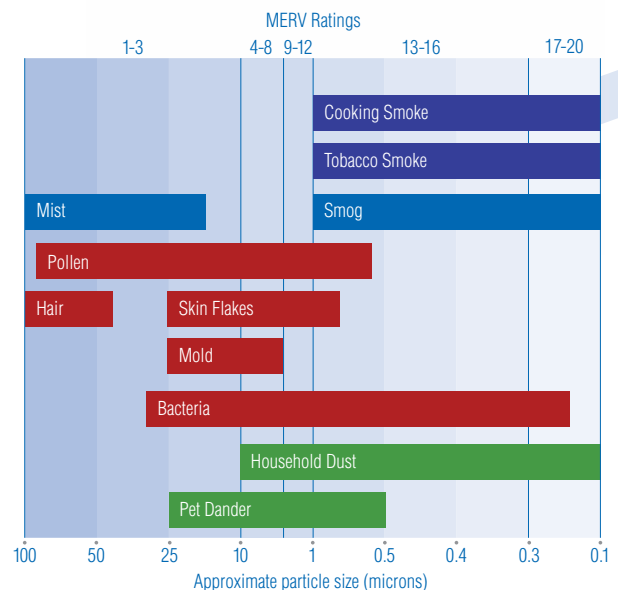
Your family is breathing in more allergens than you think.

Today's homes are better insulated, tightly sealed and use less energy. Unfortunately, this also means that the quality of indoor air can be exponentially worse than outdoor air. This can pose serious health problems for family members who suffer from asthma and allergies.



The Asthma and Allergy Foundation of America (AAFA) and Allergy Standards Limited (ASL) has announced that the AccuClean™ whole home air cleaner from American Standard, has earned the **asthma & allergy friendly**® Certification. The asthma & allergy friendly Certification Program, an independent program administered in the United States by AAFA with their partner ASL, helps consumers identify products more suitable for people with asthma and allergies. To receive the certification, the American Standard AccuClean was independently tested and required to meet benchmark standards as prescribed by ASL and AAFA based on industry leading medical and scientific research in health issues and indoor air pollution.

## Common Air Contaminants



AccuClean™ can filter up to 99.98% of all the airborne allergens listed on this chart — .1 micron and larger — allergens that might otherwise be inhaled and become trapped in your lungs.

■ SMOKE ■ ATMOSPHERIC PARTICLES ■ PARTICULATES ■ DUSTS

## WHAT'S INSIDE THE ACCUCLEAN?

### 1 Power Door

Provides easy access to internal components, while featuring a filter-status display. Plus, its safety feature shuts off power when the door is opened for maintenance or cleaning.

### 2 Pre-Filter

Traps large airborne particles so the reusable collection cells can operate for a longer period of time before cleaning is required. Easy removal makes vacuuming every 1–2 months a breeze.

### 3 Field Charger

Patented IFD technology provides a charged corona field that forces 100% of the air to pass through one of 64 openings ensuring maximum polarity with the oppositely charged collection cell.

### 4 Cleanable Collection Cells

A unique design of over 10,000 polypropylene “flutes” creates an extraordinary amount of surface area to capture particulates and allergens, meaning longer life between cleaning. Vacuuming the cells is recommended averagely twice a year.



### 5 Painted Sheet Metal Cabinet

Constructed of heavy-duty 18-gauge metal to protect the filter and internal electronics.

## Clean Air Delivery Rate vs MERV Ratings

Air cleaners typically use one of two ratings, Clean Air Delivery Rate (CADR) or Minimum Efficiency Rating Value (MERV). While many of our competitors choose MERV, here's why American Standard uses Clean Air Delivery Rate:

- MERV ratings don't apply to measuring the effectiveness of American Standard AccuClean.™ In fact, AccuClean would measure higher than MERV rating charts and would be classified in the HEPA filter range.
- Clean Air Delivery Rate (CADR) is a measurement of the effectiveness of cleaning the air, not just the effectiveness of trapping particles in a filter. American Standard believes this is a better way to measure efficiency and as a matter of fact, the AAFA testing for Clean Air Certification is based on this method of rating, not just on MERV alone.
- It's also important to compare efficiencies of air cleaners at .3 microns and even down to .1 micron, not at larger sizes like 7 to 10 microns, like some competitors' claims. This is because the smaller particles are the ones that get trapped in your lungs and cause triggers for asthma and allergy attacks.



## Designed for comfort. Built to last.

For more than a century, families have trusted American Standard Heating & Air Conditioning to keep their homes comfortable. Today, our home comfort systems continue to push the boundaries of efficiency and performance, while still delivering on our proud history of quality, durability and substantial value. Welcome your family home to a higher standard of comfort.

## Commonly Asked Questions

### Is American Standard AccuClean™ noisier than other air filtration systems?

No. AccuClean doesn't produce the zapping noises that electronic air cleaners do. AccuClean is virtually inaudible.

### How do the life cycle costs of an AccuClean unit compare to other air filtration systems?

Unlike other systems that require a ready supply of replacement filters that can cost up to \$200 per year, AccuClean has a permanent filter that does not need replacing for 5 years or longer, depending on cleaning cycles.

### Some people have expressed concern about the ozone emissions of ionizing air cleaners. Does American Standard AccuClean have an impact on ozone?

AccuClean was specifically designed to fall well below the 50 ppb FDA voluntary emission limit for medical devices. In fact, testing of AccuClean by third parties indicated that there's no more ozone in a home with AccuClean than naturally occurs in the environment already.

### What kind of maintenance does American Standard AccuClean require compared to other systems?

With AccuClean, maintenance is cost-efficient and time-saving. Rather than changing filters every month, AccuClean's cleanable filters need to be vacuumed once every six months, or more often as needed. Seasonal inspections by an independent American Standard Heating & Air Conditioning dealer are recommended.

### Is it true that AccuClean "captures" but does not "kill" germs, fungi, bacteria or allergens?

There is no way to accurately determine whether germs and the like can be "killed" by an air filter system. In fact, removing airborne fungi, bacteria and allergens from a home's filtered air is far more important for you and your family's health. Allergens don't have to be alive to cause allergic reactions.

## Our dealers will put you in your comfort zone.

Your independent American Standard Heating & Air Conditioning dealer is a highly trained professional with years of experience who'll work with you every step of the way in choosing the system that's right for you – from walking you through the entire purchasing process to conducting an in-depth analysis of your home and your comfort needs. Based on that information, your dealer will recommend a system that works best for your home. After all, the more efficient the system, the more comfortable you'll be.



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[americanstandardair.com](http://americanstandardair.com)

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Since American Standard Heating & Air Conditioning has a policy of continuous product improvement, it reserves the right to change specifications and design without notice. Read important energy cost and efficiency information available from your dealer.

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