

BUILT TO A HIGHER STANDARD<sup>®</sup>

*American Standard*<sup>®</sup>

HEATING & AIR CONDITIONING



# ACCUCLEAN<sup>®</sup> AIR CLEANER

 MOST EFFECTIVE



## A BREATH OF FRESH AIR IN WHOLE-HOME FILTRATION

Just how clean will your home's air be with AccuClean®? Our patented technology removes up to 99.98% of airborne particles<sup>1</sup>—including 99.9% of the Influenza A (H1N1) virus<sup>2</sup>—while filtering your entire home's air about 7 times per hour. Independent testing found that AccuClean Whole Home Air Cleaner removes more than 99% of the virus particles for a surrogate of the virus that causes Covid-19. Plus, our unique design offers the highest airflow efficiency of any system on the market.

### TRAPS ULTRA-TINY PARTICLES

Reusable filters capture particles as small as 0.3 microns in size—that's up to 100 times more effective than a traditional 1" filter.<sup>3</sup>

### HARVARD-VERIFIED PERFORMANCE

Leading experts at the Harvard School of Public Health have verified AccuClean's performance levels.<sup>4</sup>

### HELPS KEEP INDOOR SURFACES CLEAN

Helps reduce housework by decreasing the need to dust by as much as 50%.

## SCIENTIFICALLY PROVEN EFFECTIVENESS

AccuClean has been certified **asthma & allergy friendly**® by the Asthma and Allergy Foundation of America. This certification mark guides customers in identifying scientifically proven products that are suitable for more than 60 million Americans suffering from asthma and allergies.

<sup>1</sup>Based on 3<sup>rd</sup> party testing of particle removal efficiency down to 0.3 microns <sup>2003</sup> | <sup>2</sup>As reported by *airmid healthgroup* in ASCR092142v2 (2015) | <sup>3</sup>Assuming <1% removal rate of 0.3–10 micron particles | <sup>4</sup>American Standard AccuClean® has been performance-tested by LMS Technologies and Environmental Health & Engineering, Inc. (EH&E), with the results verified by professors from the Harvard School of Public Health. Dr. John Spengler, Ph. D., a faculty member of the Harvard School of Public Health and co-founder of Environmental Health & Engineering, Inc. (EH&E), a company dedicated to ensuring safe and productive working and living environments. EH&H has verified that AccuClean is highly capable of reducing airborne pollutants and creating a clean, comfortable environment inside your home.



ADD  
ACCUCLEAN®  
TO YOUR  
NEW OR  
EXISTING  
SYSTEM



## AWARD-WINNING EXCELLENCE.

2019

### Top Tier Owner Satisfaction for Gas Furnaces

"A National Product Testing and Research Magazine"

In a 2018 Winter Survey & 2019 Summer Survey of 48,318 subscribers, American Standard gas furnaces rated Top Tier in Owner Satisfaction for new units purchased between 2003 & 2019.

### Top Tier Owner Satisfaction for Heat Pumps

"A National Product Testing and Research Magazine"

In a 2018 Winter Survey & 2019 Summer Survey of 12,463 subscribers, American Standard heat pumps rated Top Tier in Owner Satisfaction for new units purchased between 2003 & 2019.

2018

### Top Tier Owner Satisfaction for Central Air Conditioning

"A National Product Testing and Research Magazine"

In a 2017 Fall Survey & 2018 Summer Survey of 21,770 subscribers, American Standard central air conditioning systems rated as Top Tier in Owner Satisfaction for new units purchased 2007 - 2018.

<sup>1</sup>Based on a statistical model that estimates problem rates for heating or cooling within the first 8 years of ownership, for heat pumps that are not covered by an extended warranty or service contract, American Standard heat pumps rated as Top Tier in a 2018 Winter Survey and 2019 Summer Survey of 12,463 heat pumps, owned by members who purchased a new heat pump [unit] between 2003 and 2019.



## WE OBSESS OVER IT. SO YOU DON'T.

For over a hundred years, we've made some of the most awarded, well-engineered heating and conditioning equipment, and earned a reputation for doing things ...right. And through it all, we've followed a pretty simple idea: "A Higher Standard" isn't just how we build our products. It's how we build our relationships with the customers who depend on us every single day.

## A CLOSER LOOK

### Pre-Filter

Traps larger airborne particles before they reach the collection cells—extending the amount of time between cleanings. Easy to remove and simple to clean with a vacuum.

### Power Door

Designed for easy access to the filters, with a filter-status display that alerts you when it's time for maintenance. For safety, power to the unit shuts off automatically when the door is opened.



### Painted Sheet Metal Cabinet

Attractive and durable heavy-duty 18-gauge metal protects the electronic components and filters.

### Cleanable Collection Cells

Serves as the heart of your filtration system, designed to trap particles as small as 0.3 microns. In addition to efficiently cleaning the air, the cells will function just like new when vacuumed once or twice a year.

### Field Charger

Ensuring maximum effectiveness by charging incoming particles to stick to the collection cells. This patented technology is the key to AccuClean's industry-leading 99.98% effectiveness in removing particles down to 0.3 microns.

## CLEANER AIR... SO YOUR FAMILY CAN BREATHE EASY

Clogged filters reduce the efficiency of your cooling and heating systems. **By thoroughly cleaning your home's air, AccuClean® allows clean air to flow more freely, which can help extend the lifespan of your equipment, too.**

AccuClean accomplishes that task with a patented corona field technology that charges the incoming air. As a result, airborne particles are attracted and adhere to the unit's collection cells rather than circulating into your home. With layers spaced only 0.08 inches apart and featuring more than 10,000 polypropylene "flutes," this revolutionary design creates an extraordinary amount of surface area. In its compact space, AccuClean has 50 sq. ft. of powerful collection surface—more than eight times what standard electronic air cleaners can offer.







## WHY MICRON SIZES MATTER

Most common allergens are tiny enough to get past your body's natural respiratory defenses, triggering allergies or aggravating breathing ailments. AccuClean traps particles from the air as small as 0.3 microns<sup>1</sup>, but what does that mean? For comparison, that's about 700 times smaller than the width of a human hair! By removing even the tiniest pollutants—such as pet dander, dirt and dust, pollen, mold, smoke, and even 99.9% of Influenza A (H1N1) virus particles<sup>2</sup>—AccuClean keeps your family's air as clean and healthy as possible.

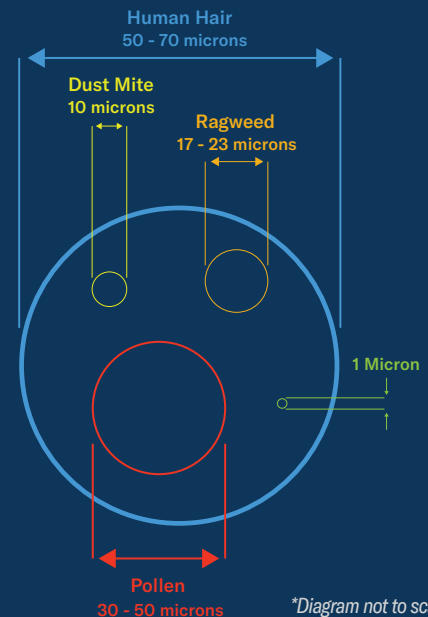
<sup>1</sup>Based on 3<sup>rd</sup> party testing of particle removal efficiency down to 0.3 microns (2005)  
<sup>2</sup>As reported by airmid healthgroup in ASCR092142v2 (2015)

### HIGHER IS BETTER: CLEAN AIR DELIVERY RATE

The industry standard for efficiency in air cleaning appliances is known as the clean air delivery rate. Expressed in cubic feet per minute (CFM), this number indicates how well the media filter removes airborne particles and allergens from the indoor environment. Just like miles per gallon for a car, the higher the number...the better!

					
Typical In-room Appliance	Standard 1-inch Filter	Typical Room HEPA Appliance	Whole-House 5-inch Media Filter	Whole-House Electronic Air Cleaner	ACCUCLEAN®
Clean Air Delivery Rate: <b>10</b>	Clean Air Delivery Rate: <b>12</b>	Clean Air Delivery Rate: <b>150</b>	Clean Air Delivery Rate: <b>240</b>	Clean Air Delivery Rate: <b>660</b>	Clean Air Delivery Rate: <b>1,200</b>

Clean air delivery rate (efficiency times airflow rate) is recognized by the Federal Trade Commission (FTC) and the Environmental Protection Agency (EPA) as a fair and objective measure of various air cleaner technologies. Ratings reflect cubic feet per minute of clean air delivered for a typical 3-ton heating and cooling system: the higher the value, the more effective the air cleaner.



\*Diagram not to scale



**COMFORTABLE. RELIABLE. EFFICIENT.**

Optimize the comfort and efficiency of your home with the American Standard Home smart comfort system. The American Standard Home mobile app gives you remote access to your HVAC system through your connected American Standard smart thermostat. Adjust your temperature, set your schedule, and view your HVAC usage from anywhere.



American Standard Home connects to your American Standard HVAC system to provide you with remote control and diagnostics. To view additional integrations and subscriptions, visit our Knowledge Base at [AmericanStandardAir.com/home-subscription](http://AmericanStandardAir.com/home-subscription).

**WHY IS INDOOR AIR QUALITY IMPORTANT?**

We spend 90% of our time indoors, and 70% of that is in our home<sup>2</sup> where the air can be up to 5X poorer quality than the air outside<sup>3</sup>. To help improve your indoor air, American Standard offers a complete portfolio of air filtration equipment for whole home solutions for new and existing units.

Deliver the right amount of moisture to the air throughout your home with American Standard Dehumidifiers and ventilators.

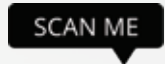


<sup>2</sup> The National Human Activity Pattern Survey (2001)  
<sup>3</sup> U.S. Environmental Protection Agency, EPA/600/6-87/002a. (1987)

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SO YOU DON'T.**



About American Standard Heating and Air Conditioning  
 American Standard has been creating comfortable and affordable living environments for more than a century. For more information, please visit [www.americanstandardair.com](http://www.americanstandardair.com).  
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15-4029-06

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