



# American Standard AccuClean™ Helps Families Feel More Comfortable and Breathe Easier In Their Homes

While some manufacturers are making different claims about their air cleaners, you can clear the air and share these important facts with your customers:

- **There is no other system your customers can buy that matches the effectiveness of American Standard AccuClean.** We spend 90 percent of our time every day indoors. Today's efficient, airtight homes are excellent at conserving energy, but that also makes them better at trapping potentially irritating particles inside. With the rising number of people who suffer from allergies and asthma, indoor air quality has become more and more important to families' general health and well-being. American Standard AccuClean works as part of your customer's heating and cooling system to remove up to an industry-leading 99.98 percent of the airborne particles and allergens from their home's filtered air.
- **Install an American Standard AccuClean system in your customer's home, and you can lower the family's risk of catching the flu.** American Standard AccuClean removes more than 99 percent of the common flu, or influenza A virus, from the home's filtered air, according to research by the Harvard School of Public Health in collaboration with scientists at Environmental Health & Engineering Inc. (EH&E). American Standard AccuClean not only removes and inactivates the flu virus -- it also removes more of it than other air cleaners because it has the highest clean air delivery rate.
  - Other air cleaners have claimed that they can "kill" the flu virus; however, most virologists do not consider viruses to be living organisms. Therefore, they cannot be "killed." The proper term is "inactivate" or rendered "noninfectious." American Standard Heating & Air Conditioning takes great pride in being scientifically accurate and using proper terminology. The bottom line is, **American Standard AccuClean not only removes and inactivates the flu virus, it also removes more of it than other air cleaners because it has the highest clean air delivery rate.**
  - American Standard Heating & Air Conditioning has received Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) registration from the Environmental Protection Agency (EPA). American Standard Heating & Air Conditioning is the clear industry leader in EPA compliance for FIFRA as the first whole-home air cleaner to obtain a FIFRA registration number.
- **American Standard AccuClean reduces dust accumulation in the home by more than 50 percent, meaning families can dust less and have a healthier, cleaner and more comfortable home environment.**<sup>1</sup> Reduced dust accumulation also may lead to reduced exposure to allergens (such as fungal spores) and toxins (such as lead) present in surface dust, helping prevent allergy symptoms and asthma attacks. This is especially good news for families suffering from allergies and asthma. Plus, with less dust in their homes, customers can spend less time cleaning and more time enjoying their families.
- **American Standard AccuClean has the highest clean air delivery rate available to consumers.** Clean air delivery rate is recognized by the Federal Trade Commission and EPA as a fair and objective measure of various air cleaner technologies. Clean air delivery rate provides the number of cubic feet of clean air that a unit delivers each minute. American Standard AccuClean delivers the greatest amount of clean air to your customer's home.

- **Installing American Standard AccuClean may help reduce the risk of asthma attack, stroke, heart attack, respiratory disease and other serious illnesses as part of an overall prevention plan.**<sup>2</sup> That's because American Standard AccuClean is the most effective air cleaner at removing ultra fine particles which can cause damage to your health. The EPA, American Lung Association (ALA), and American Heart Association (AHA), all agree that exposure to airborne fine particles impairs breathing and increases the risk of asthma attack, stroke, heart attack and other serious illnesses.

- With the highest clean air delivery rate in the industry, American Standard AccuClean may lower the risk of these serious health outcomes and mortality due to airborne fine particle exposure by 34 percent compared with the use of a standard 1-inch filter found in most home central heating and cooling systems.<sup>2</sup>

- American Standard AccuClean removes particles all the way down to .1 microns – 1/1,000<sup>th</sup> the diameter of a human hair – the size that eludes most air cleaners and that your nose, mouth and throat can't filter. American Standard AccuClean is the only whole-home air cleaner that removes these ultra fine particles at a high efficiency rate.

- **Ozone is an issue that American Standard Heating & Air Conditioning takes very seriously.** American Standard AccuClean was designed to fall well below the 50 parts per billion (ppb) FDA voluntary emission limit for medical devices. American Standard AccuClean contributes a negligible amount of ozone – less than .3 ppb to the living space.

- To put this into perspective further, typical ozone levels during the summer outdoors are at about 60 to 90 ppb, and indoor levels can vary greatly but are typically between 12 ppb to more than 80 ppb. Testing of American Standard AccuClean by third parties has shown there's no more ozone in a home installed with American Standard AccuClean than naturally occurs in the environment already.

- **American Standard AccuClean is the industry benchmark supported and verified by third parties who make it their business to know about clean air.** Experts from LMS Technologies, EH&E, Harvard School of Public Health and other major university research shows American Standard AccuClean to be the best air filtration system on the market.

<sup>1</sup> According to the results of a health impact study completed by scientists at Environmental Health & Engineering Inc. and professors from the Harvard School of Public Health, "Settled Dust and Airborne Particulate Pilot Study of [American Standard AccuClean]."

<sup>2</sup> According to the results of a health impact study completed by scientists at Environmental Health & Engineering Inc. and professors from the Harvard School of Public Health, "The Benefits of Clean Air."