

# American Standard AccuExchange™

Energy Recovery Ventilator (ERV)

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The cutting edge of fresh, comfortable air.

For more than a century, American Standard Heating & Air Conditioning has been a name you can trust for exceptional comfort and peace of mind. Continually responding to calls for greater efficiency, dependability and versatility, American Standard has become one of the largest and most respected manufacturers of innovative home comfort systems – consistently recognized for quality and value by leading consumer-rating magazines.

Today, American Standard brings you industry-leading technology that freshens indoor air, improves efficiency and takes comfort to a whole new level. Our AccuExchange Energy Recovery Ventilator (ERV) removes stale indoor air and replaces it with an equal amount of fresh outdoor air – a process that helps eliminate common chemical vapors and household odors. Plus, it recovers heat and moisture from the exchanged air – enhancing the efficiency of your heating and cooling system.

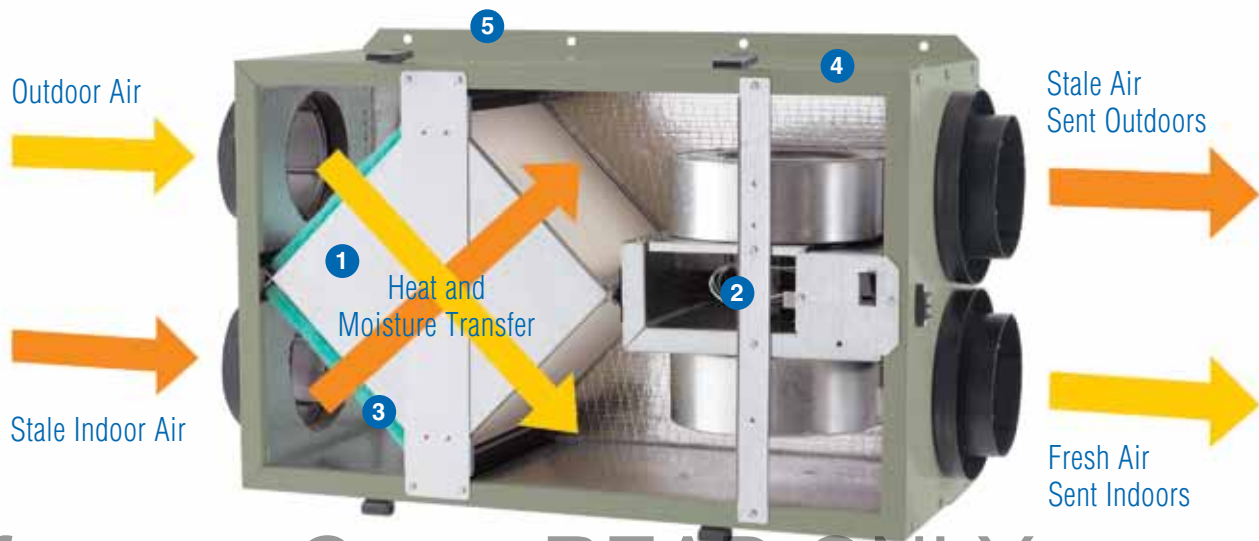
This brochure is a guide that can help you learn more about American Standard AccuExchange technology and how it can enhance indoor air quality. In fact, you may become so comfortable inside, you might think twice about going outside at all.



Reliable  
Comfortable  
Cleaner Air  
High Efficiency  
Quiet

*American Standard*®  
HEATING & AIR CONDITIONING

Take fresh air to a whole new level –  
and make your home a better place to live.



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- In the winter, AccuExchange removes stale indoor air and transfers some of its heat and moisture to the cold, dry air coming in from the outside. This provides heated and humidified fresh air to your home.
- In the summer, AccuExchange removes heat and moisture from outdoor air to provide fresh, cooled, dehumidified air to your home.

### 1 High efficiency crossflow energy transfer core

High-performance core recovers heat and moisture from exhaust air during cold weather. During hot, humid weather, it pre-cools and dehumidifies incoming air.

### 2 High-performance motor

Engineered with permanently lubricated bearings for low maintenance and longer motor life.

### 3 Slide-out filter

Easily accessed for quick and simple cleaning with an ordinary household vacuum cleaner.

### 4 Powder-paint cabinet

Sturdy, 20-gauge, metal cabinet with a smooth, durable, high-gloss “appliance-like” finish that resists scratches.

### 5 Flexible mounting

Installs easily in the attic, garage or basement, in virtually any position.

### 6 Adjustable control

Provides automatic ventilation round the clock, plus manual control for additional ventilation as desired.



- Press the fan icon on the AccuExchange control to adjust runtime percentage per hour.

Why equip your home with  
American Standard AccuExchange™?  
Here are just a few reasons:



Today's homes are better insulated, tightly sealed and use less energy. However, sealing your home also seals in humidity and indoor pollutants. In fact, the air quality inside your home is probably worse than it is outdoors. Consider these facts provided by the U.S. Environmental Protection Agency:

- Research indicates that people spend approximately 90% of their time indoors.
- 87% of American homeowners are not aware that pollution may be worse inside their homes than outdoors.
- Indoor pollutants can be 5 times higher than outdoor pollutants.
- Indoor pollution sources that release gasses or particles into the air are the primary cause of indoor air quality problems in the home.
- Children inhale 50% more air per pound of body weight than adults, so they are especially sensitive to air quality problems.

# Take comfort to the next level.

## Revolutionary AccuClean™ air filtration system: up to 99.98% clean air, everywhere.

Setting the standard for cleaner indoor air, American Standard AccuClean removes up to an astounding 99.98% of airborne allergens from filtered air – capturing particles down to .1 microns – the size that causes the most irritation because they can become trapped in your lungs.\* AccuClean is 100 times more effective than a standard 1" throwaway filter or ionic-type room appliance – performance that's been verified by Environmental Health & Engineering, Inc. and the Harvard School of Public Health – so you know you're getting a home air filtration system like no other.

\*Up to 99.98% effectiveness down to .1 microns applicable to AFD models. Other models may vary.

AccuClean has the highest clean air delivery rate of any air filtration system on the market and is 100 times more effective than an ionic-type room appliance or standard 1" throwaway filter.



Ionic-Type Room Appliance	1" Throwaway Filter	Typical Room HEPA Appliance	Whole-Home 5" Media Filter	Whole-Home Electronic Filter	Whole-Home AccuClean
<b>10</b>	<b>12</b>	<b>150</b>	<b>240</b>	<b>660</b>	<b>1200</b>

Ratings of 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.

Clean air delivery rate (efficiency times airflow rate) is recognized by the Federal Trade Commission (FTC) and Environmental Protection Agency (EPA) as a fair and objective measure of various air cleaner technologies.

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### American Standard Heating & Air Conditioning matched systems: Raise your comfort level even more.

When you choose an American Standard AccuExchange™, you'll enjoy the consistent comfort and efficiency it brings – performance that is maximized when you make it part of an American Standard Heating & Air Conditioning "matched system." A matched system is composed of multiple American Standard

Heating & Air Conditioning products, each designed and engineered to work seamlessly together for a total comfort effect that is greater than the sum of its parts. There is simply no better way to create your ideal home environment. Ask your independent American Standard Heating & Air Conditioning dealer for details.



The most common system is electric/gas:

- 1 Furnace:** indoor unit that uses gas to warm your home in the winter.
- 2 Air conditioner:** outdoor unit that cools on the hottest days with reliability you can count on, year after year.
- 3 Indoor coil:** the other, less visible half of your outdoor unit. As indoor air flows across it, heat and moisture are drawn out, leaving air that is cool, comfortable and conditioned.
- 4 Air cleaner:** available in a variety of models from standard filters to fully integrated air filtration systems that remove up to 99.98% of airborne allergens from the filtered air in your home.
- 5 Control:** easy-to-use, easy-to-read, attractively designed thermostats that maximize temperature control.

## Maximize your comfort zone.

Just like customizing a car, you can further enhance your system's performance with options to make your home environment ideal.



### AccuClean

Traps particles down to .1 microns in size, reducing triggers for asthma and allergy attacks. Vastly outperforms HEPA and ionic-type room appliances. (AFD models.)



### Comfort Control

Precisely regulates the temperature for maximum comfort and energy efficiency, and reminds you when a filter change is due.



### Humidifier

Prevents dryness that can cause damage to you and your belongings. Also reduces static electricity.

# American Standard sets the bar in fresh air standards.

With AccuExchange,<sup>™</sup>  
you get fresh, comfortable air –  
and so much more.

- **Reliability:** We build our products to last and outperform other models. The AccuExchange system has been tested to provide you and your family with fresh air day after day, year after year.
- **Total Comfort:** AccuExchange replaces stale indoor air with freshened outdoor air, allowing your family to breathe the freshest possible air in your home.
- **Clean Air:** Take comfort to a whole new level and enjoy cleaner air by reducing chemical vapors and household odors.
- **Efficiency:** AccuExchange recovers heat and moisture from exhaust air during cold weather. During hot, humid weather, it pre-cools and dehumidifies incoming air, resulting in potential energy savings.
- **Quiet Operation:** AccuExchange is engineered to run quietly, making your indoor environment comfortable and peaceful.
- **Extraordinary Warranties:** Your investment in AccuExchange is well protected with a 10-year limited warranty on the heat transfer core and a 5-year limited warranty on all other parts. For all coverage options, check with your independent American Standard Heating & Air Conditioning dealer.

## 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 will 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 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.

### More than 100 years of feeling right at home.

When we made our first radiators in the 1880s, indoor heating was an innovation in and of itself. Since then, we've led the way in creating home comfort systems tailored to meet the needs that are most important to you. Whether your highest priority is comfort, efficiency, cleaner air or all of the above – we can help make your home the most comfortable place you've ever been.

American Standard Heating & Air Conditioning.

The name you know, the brand you trust.

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

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