

Indoor Air Quality



FILL YOUR HOME WITH AIR THAT IS AS  
CLEAN AS IT IS COMFORTABLE.

**American Standard®**  
HEATING & AIR CONDITIONING

## QUALITY AIR STARTS HERE.

### AccuExchange™

#### Energy Recovery Ventilator

Improve your home's indoor environment by exchanging stale indoor air with an equal amount of fresh air. AccuExchange ERV has a high Total Recovery Ratio which means it recovers both heat and moisture from the exchanged air, therefore not sacrificing efficiency or comfort from your heating and cooling system.



### Perfect Fit™ Air Cleaners

Clean the air in your home your family breathes every day. Our Perfect Fit Air Cleaner filters the air and traps household allergens such as pollen, pet dander, and dust mites. Replaceable media type filter means your family can count on healthy, clean air comfort year after year.



### Whole-Home Humidifiers

Having the proper indoor humidity level can improve your family's comfort, reduce annoying static shock, and protect furniture and wood flooring from drying out. Our whole-home humidifiers are designed to work with your heating system to automatically keep the right amount of moisture in the air all winter long.





When it comes to your comfort, we know it is more than keeping you warm in the winter and cool in the summer. We offer a full line of indoor air quality products to make sure the air that you breathe in your home is fresher, cleaner, and more comfortable every day of the year. No matter which product you choose, you can be assured we stand behind the American Standard promise of quality, efficiency, and comfort in every system we offer.

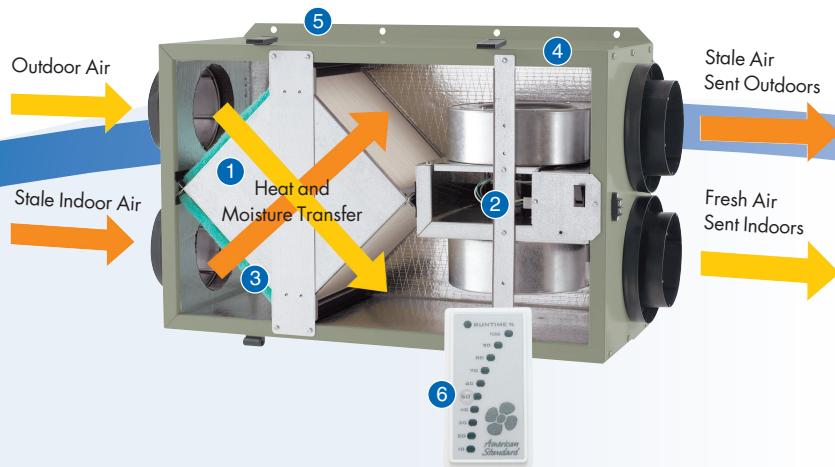


Research indicates that people spend approximately 90% of their time indoors. Today's homes are better insulated, tightly sealed and use less energy, however this can trap indoor pollutants, making the indoor air up to five times less healthy than the outdoor air.



## FRESHER AIR.

The AccuExchange™ Energy Recovery Ventilator (ERV) exchanges stale, indoor air and provides heated and humidified fresh air in a more efficient and consistent manner than opening a window. In the winter, heat and moisture are transferred from the exhaust air back into the incoming fresh air. In the summer, AccuExchange removes heat and moisture from outdoor air to provide fresh, cooled, dehumidified air to your home.



### Why is American Standard AccuExchange good for your home and your family?

We believe that a healthy indoor environment is optimized when fresh air is introduced into the home in a regular and controlled manner. Consider:

- Indoor pollutants can be five times higher than outdoor pollutants.
- 87% of homeowners are unaware that pollution inside their homes may be worse than outside.
- Children inhale 50% more air per pound of body weight than adults, so they're especially sensitive to air quality problems.
- Indoor pollution sources release gases called VOCs (Volatile Organic Compounds) into the air. They are the primary cause of indoor air quality problems in the home.

- 1 **High efficiency crossflow energy transfer core**  
High-performance core recovers heat and moisture from the outgoing 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 life.
- 3 **Slide-out filter**  
Easily accessed for quick cleaning with a household vacuum cleaner.
- 4 **Powder-paint cabinet**  
Sturdy, 20-gauge, metal cabinet with a scratch-resistant, high-gloss finish.
- 5 **Flexible mounting**  
Installs easily in the attic, garage or basement, in virtually any position.
- 6 **Adjustable control**  
Provides automatic ventilation, plus manual control for more ventilation if needed. Press the fan icon on the AccuExchange control to adjust runtime percentage per hour.

Most times the initial settings by your dealer at the time of installation are adequate. You can still override the settings for times that require more fresh air, like a party when there are many more people in the home.

## CLEANER AIR.

Enhance the quality of your home's air with an American Standard Perfect Fit™ air cleaner, because it's up to 15 times more effective than standard 1" throwaway filters. Our MERV 8 media filter helps allergy and asthma sufferers breathe easier with cleaner indoor air.



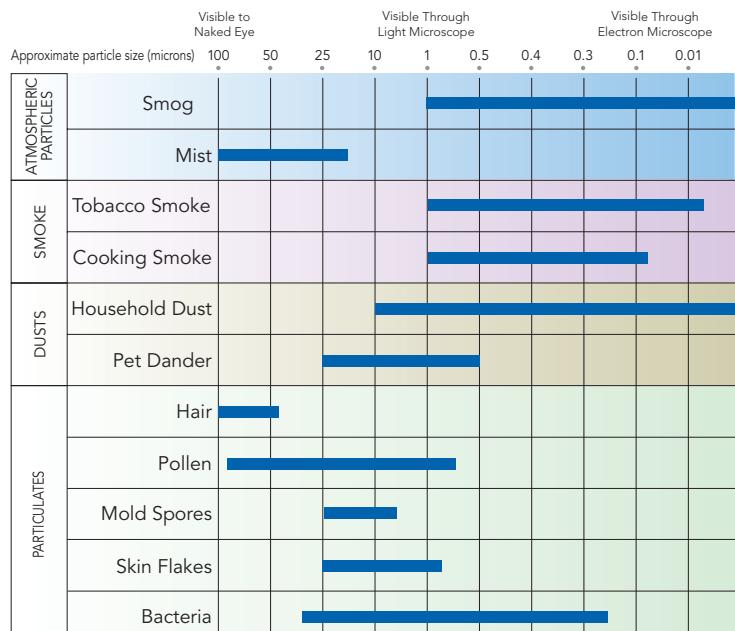
Using a 5" wide media filter that is simple to replace, the PerfectFit air cleaner filters 100% of the air and cleans without impeding efficiency or airflow.

### High efficiency homes can bring high levels of pollutants.

While today's homes are more tightly sealed for better efficiency, they also seal in humidity and indoor pollutants. Those pollutants are in the indoor air your family breathes and they can contribute to respiratory conditions such as colds, allergies, and asthma.

- Up to 72 trillion allergens find their way into your home every day.
- Most homes naturally generate about 40 pounds of dust per year.
- One ounce of dust can hold about 30,000 dust mites.

### Common Household Contaminants



A American Standard Perfect Fit™ air filter can reduce the number of these common contaminants, keeping them from circulating in your home and in your family's lungs.

## COMFORTABLE AIR.



Platinum  
Power Humidifier

Improve the comfort in your home and protect your wood floors and furnishings with an American Standard Humidifier. Our whole-home humidifiers are designed to work hand-in-hand with your comfort system to deliver the right amount of moisture, enhancing your system's performance and your level of comfort.



Gold  
Large By-pass  
Humidifier

### How an American Standard humidifier benefits your family.

One of the most significant comfort factors in your home during colder months is indoor humidity. The right amount offers:

- Potential energy savings by making the air feel warmer, so you can set your thermostat lower during heating season.
- Reduces static electricity.
- Prevents skin, hair and nasal passages from drying out.
- Protects your furniture, woodwork, artwork, books, plants and other valuables.
- Lessens shrinkage of woodwork around doors, windows, and floors.



Silver  
Small Bypass  
Humidifier



### How relative humidity impacts your home and how an American Standard humidifier can help.

As the outside temperature drops, so does the relative humidity inside your home which means less moisture and drier air. This chart suggests appropriate indoor relative humidity settings that an American Standard humidifier can help achieve in your home, bringing you greater comfort and welcome relief from dryness.

Outdoor Temperature (°F)	Indoor Relative Humidity
+40°	45%
30°	40%
+20°	35%
+10°	30%
0°	25%
-10°	20%
-20°	15%

\* Relative humidity settings are based on double-pane windows or single-pane windows with storm windows. These settings reduce the likelihood of condensation forming on the windows inside a home.

## 1 Flow-through design

Air flows through the humidifier and across the pad where moisture is added to the circulated air. This design also helps limit mineral buildup for worry-free operation.

## 2 Controlled moisture distribution

Introduces vapor into the air to maintain the correct level of relative humidity.

## 3 Built-in fan

Quietly moves heated air across the humidifier pad efficiently and effectively, independent of the furnace blower.

## 4 Replaceable Pad

Water flows through this easily accessible pad to deliver moisture that is evaporated into the air.

## 5 Durable, rust-resistant housing

Resists rust and corrosion. It also protects key internal components for years.

## 6 Automatic control

Maintains comfort by responding to temperature changes throughout the day while adjusting the relative humidity. It also helps reduce the chances of condensation forming on windows.

## 7 Bypass damper

Allows less airflow through the humidifier in the summer and more airflow in the winter.

### Outdoor sensor option

Works with the automatic control by monitoring the outdoor temperature and signaling when to add the correct amount of humidity to keep you completely comfortable. (Not shown.)



Platinum Whole-Home Humidifier shown.  
Other models may vary.

### Whole-Home Humidifier Features

	Platinum	Gold	Silver
	Power	Large Bypass	Small Bypass
1 Flow-through design	•	•	•
2 Controlled moisture distribution	•	•	•
3 Built-in fan	•		
4 Replaceable pad	•	•	•
5 Durable, rust-resistant housing	•	•	•
6 Automatic control	•	•	
7 Bypass damper		•	•
Outdoor sensor option	•	•	
Manual control			•
Designed for homes up to (sq. ft.)	4200	4000	3000
Evaporative capacity (gallons per day)	18	16.8	12
Warranty protection	<ul style="list-style-type: none"><li>10-year limited warranty on all parts</li><li>Optional extended warranty (Ask your dealer for details.)</li></ul>		

### Maximize your indoor air quality with a matched system.

A matched system from American Standard Heating & Air Conditioning is a system that combines components that have been designed to work with one another. The result is a perfectly balanced system tuned for efficiency and substantial comfort, producing air unlike anything you've felt before.



## 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. From American Standard Heating & Air Conditioning.



## Take comfort to an even higher level.

Ready for the cleanest possible indoor air? The AccuClean™ Whole-Home Air Filtration System removes up to an astounding 99.98% of allergens from filtered air, capturing particles down to .1 micron. In fact, AccuClean™ is 100 times more effective than a standard 1" throwaway filter or ionic-type room appliance, so you know you're getting a home air filtration system like no other. Ask your independent American Standard Heating & Air Conditioning dealer for details.



## 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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Pub. No. 10-1175-02 10/14