

Indoor Air Quality



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

*American Standard*<sup>®</sup>  
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 Cleaner

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



### Whole-Home Steam Humidifier

Our premium steam humidifier offers precise relative humidity and operates independently of a heating call from your current system, utilizing the blower on your furnace or air handler to distribute air with the proper amount of moisture through your duct system. Plus, you can control the unit with a Nexia™-enabled connected control, eliminating the need for a separate humidistat.



### Whole-Home Evaporative Humidifiers

Most heating systems dry out the air inside your home. Adding one of our evaporative whole-home humidifiers can improve your family's comfort and well-being by automatically replacing lost moisture. And with three different models to choose from, you're sure to find one that works with your home's heating system.





When it comes to your comfort, we know it's 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.

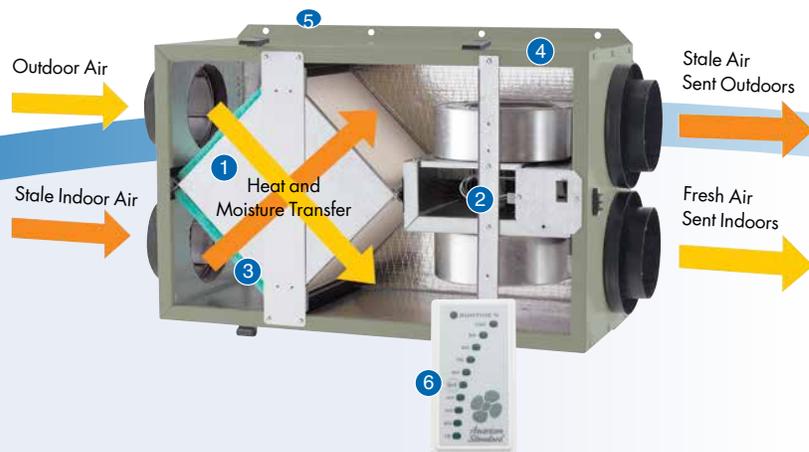


Research indicates that people spend approximately 90% of their time indoors. Today's homes are better insulated, tightly sealed and use less energy. However, this can trap indoor pollutants, making the indoor air up to five times less healthy than the outdoor air.

## 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 an 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 a 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 timed ventilation, plus manual control for more ventilation if needed. Press the fan icon on the AccuExchange control to adjust runtime percentage per hour.  
  
May also be controlled with Nexia™-enabled connected controls.

## 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.

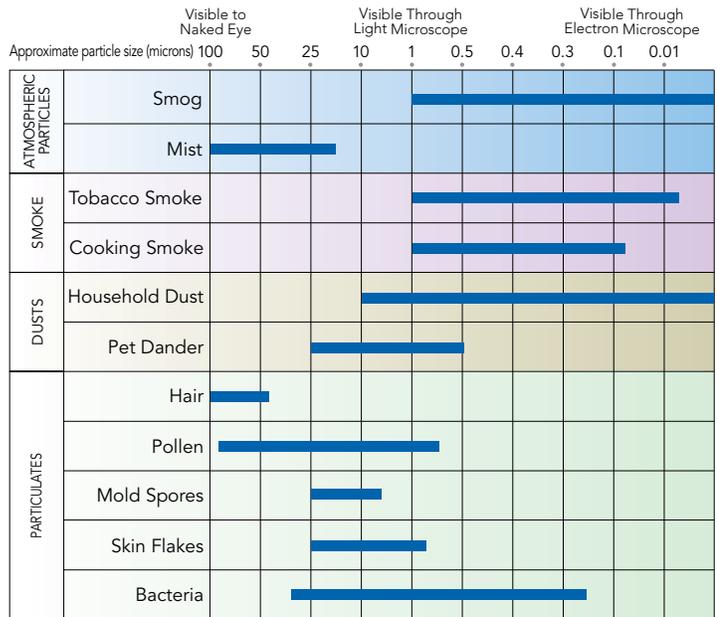
Using a 5" wide media filter that is simple to replace, the Perfect Fit air cleaner filters 100% of the air and cleans without impeding efficiency or airflow.

### 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



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

### American Standard "Healthier Home" IAQ products 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.





## COMFORTABLE AIR.

Improve the comfort in your home with an American Standard Humidifier. Our whole-home steam and evaporative 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.

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

During colder months, indoor humidity is a significant contributor to your comfort. But it helps in other areas as well. The right amount of humidity offers:

- Potential energy savings because humidified air feels warmer, so you can set your thermostat lower during heating season.
- Reduced static electricity.
- Less shrinkage of woodwork around doors, windows, and floors.

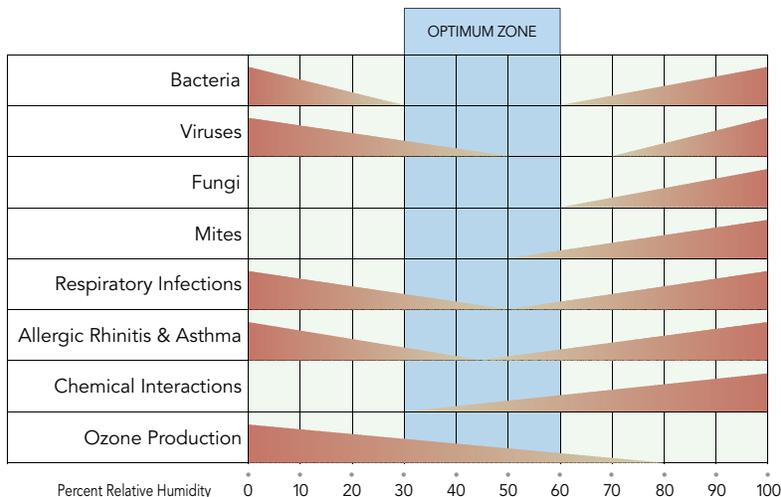
### How relative humidity impacts your home and how an American Standard humidifier can help.

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.



### ASHRAE Comfort Window

Optimum relative humidity range for human comfort and health

(A decrease in bar height indicates a decrease in effect for each of the items)

Having the optimum amount of humidity in your indoor air can impact your health. Either too much or too little can lead to the rise of unhealthy airborne particulates.



Platinum

## Whole-Home Steam Humidifiers

- 1 **Six different capacities in one unit**  
Satisfies every application from 11.5 gallons per day to 34.6 gallons per day.
- 2 **Humidity "on demand"**  
Uses your current system blower to distribute humidified air throughout your home without a call for heating from your furnace or heat pump.
- 3 **Precise relative humidity percentage settings**  
Choose your settings based on your needs and outdoor conditions. Works with Nexia™-enabled connected controls without the need for additional controls.
- 4 **Easy mounting flexibility**  
Mounts to your duct work or can be remotely mounted.
- 5 **Electrode type steam canister**  
Fast, easy, low cost maintenance.\*
- 6 **Automatic shut down**  
Drains then shuts down after 72 hours of inactivity to eliminate standing water.
- 7 **All inclusive package**  
Nothing else to purchase. Includes manual humidistat and blower relay. Nexia™ control is optional.

### Five-year standard warranty

Includes all functional Parts. Extended Warranty available.

\* Replace once a year.

Recommended Gallons of Humidity Per Day			
Humidifier Sizing Chart (8' Ceilings)			
1000 ft²	4.3	8.6	12.7
1500 ft²	6.4	12.8	19.1
2000 ft²	8.5	17.0	25.5
2500 ft²	10.6	21.3	31.8
3000 ft²	12.7	25.4	38.1
4000 ft²	17.0	34.0	51.0
5000 ft²	21.2	42.6	63.6
Structure Tightness	Tight	Average	Loose

\* AHRI Air Conditioning, Heating, and Refrigeration Institute GPD = Gallons Per Day Guideline F 2008

A family of 4 will add 2 gallons of humidity per day through everyday activities like cooking, bathing and washing.

## Whole-Home Evaporative Humidifiers



	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			•
Evaporative capacity (gallons per day)	18	16.8	12
Warranty protection	<ul style="list-style-type: none"> <li>• 5-year limited warranty on all parts</li> <li>• Optional extended warranty (Ask your dealer for details.)</li> </ul>		

## 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.



American Standard's line-up of Nexia™-enabled connected controls with built-in humidistats eliminates the need for an additional humidity control. Plus you can set your home comfort preferences from almost anywhere with most web-enabled devices. Ask your local independent American Standard Dealer for more information.



## 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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