

Indoor Air Quality



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

American Standard[®]
HEATING & AIR CONDITIONING

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REFRESHING YOUR HOME'S AIR STARTS HERE.

AccuExchange™ Energy Recovery Ventilator

Enhance your home's environment by removing stale indoor air and replacing it with an equal amount of fresh air. AccuExchange™ also recovers heat and moisture from the exchanged air, improving the efficiency of your heating and cooling system.



Perfect Fit™ Air Cleaners

Take control of the air your family breathes with our Perfect Fit™ Air Cleaner. With innovative features designed to make your home's air feel fresher and cleaner, you and your family can count on consistent, quality comfort year after year.



Media – TFM



Pleated – TFP

Humidifiers

Raise your home's comfort level with the perfect degree of humidity. Our whole-home humidifiers are engineered to work hand in hand with your comfort system to deliver the right amount of moisture to your home, protecting the people and possessions that are in it.



Platinum
AUHMD500



Gold
AUHMD300



Silver
AUHMD200

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When it comes to your comfort, we consider every detail. Which is why we offer a full line of indoor air quality products to make sure the air in your home is not only cool in the summer and warm in the winter, but clean and fresh year round. Whether you choose our AccuExchange™ Energy Recovery Ventilator, reliable humidifiers or high quality Perfect Fit™ Air Cleaners, our goal is to enhance your system and your overall comfort.



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 also seal in unwanted humidity and indoor pollutants.

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FRESHER AIR.



With the AccuExchange™ Energy Recovery Ventilator (ERV), you're giving your family more than fresher, cleaner air, you are reducing the chemical vapors and household odors they breathe. 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. You may become so comfortable inside, you might think twice about going outside at all.

Why equip your home with American Standard AccuExchange™?

- 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 that release gasses or particles into the air 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

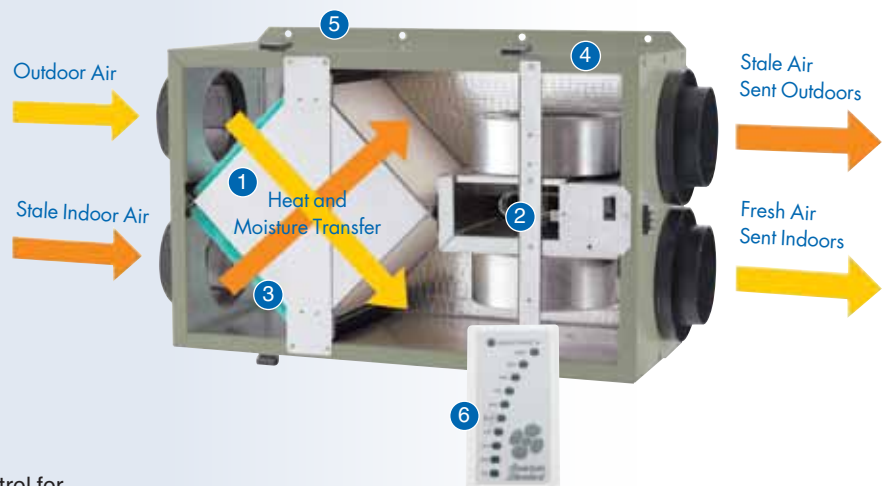
Sturdy, 20-gauge, metal cabinet with a scratch-resistant, high-gloss finish.

5 Flexible mounting

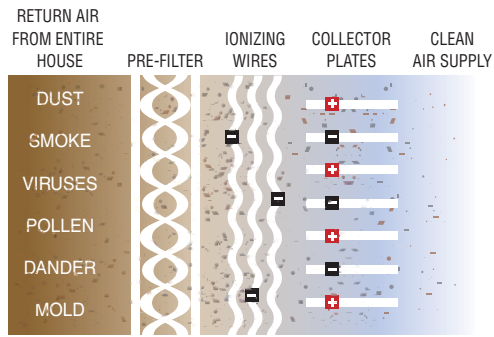
Installs easily in the attic, garage or basement, in virtually any position.

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.



CLEANER AIR.



A Perfect Fit air cleaner can completely change the air in your home. Best of all, this powerful, effective filtration uses about the same energy as a single 40-watt light bulb.

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, your family and, specifically, allergy sufferers, can breathe easier with fresher, cleaner indoor air.

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 find their way through your home, and ultimately, into your family's lungs. Consider this:

- 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 40,000 dust mites.



Media – TFM

Utilizing a 5" media filter, our premium filter is up to 15 times more effective than a standard 1" throwaway filter. Simple to replace, it filters 100% of the air and cleans without impeding efficiency or airflow.

Every American Standard Perfect Fit cabinet is built to be rugged and durable, yet easy to access and clean. Two different filtration options are available.



Pleated – TFP

With a 1" pleated filter, it's up to six times more effective than a standard throwaway filter. Plus, it's easily replaceable and filters 100% of the air.

COMFORTABLE AIR.



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

How an American Standard humidifier benefits your family.

An American Standard Humidifier not only enhances your family's comfort, it benefits you in many ways.

- Offers potential energy savings during heating by making the air feel warmer, so you can set your thermostat lower.
- 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 and windows.



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 – and less moisture means 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	• 10-year limited warranty on all parts • Optional extended warranty (Ask your dealer for details.)		

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.



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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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HEATING & AIR CONDITIONING

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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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