

# Whole-Home Humidifiers

Say good-bye to dry.



Arid  
outside



Inside, it's perfectly comfortable.

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 Heating & Air Conditioning 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.

If your indoor air is overly dry, your family may experience discomforts like chapped lips, itchy skin or aggravated allergies. Dry air can also steal moisture from plants, woodwork and artwork. Our whole-home humidifiers are designed to work hand-in-hand with your comfort system to deliver just the right amount of moisture – raising your comfort level and protecting your home. Another benefit: humidified air feels warmer, so you can set the thermostat lower and save on your winter heating costs.

This guide will help you learn more about our whole-home humidifiers. Together with your dealer, it can help you select the model that will allow you and your family to enjoy the peace of mind of a perfectly comfortable home.



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Reliable  
Comfortable  
Cleaner Air  
High Efficiency  
Quiet

*American Standard*<sup>®</sup>  
HEATING & AIR CONDITIONING



Bone dry outside

Inside it's just the way you like it. Thanks to American Standard Heating & Air Conditioning.

## American Standard Humidifiers – Designed to complete your matched system and your comfort.

When it comes to your home comfort system, you may find yourself thinking only about the larger components such as your air conditioner or furnace. However, when it comes to your comfort, American Standard Heating & Air Conditioning considers every detail. The level of humidity in the air makes an immense difference in your home comfort system's performance and your

peace of mind. This is why we designed our whole-home humidifiers to work side-by-side with your furnace and air conditioner to provide the perfect level of moisture – enhancing the entire system's performance and your level of comfort.



### Ultimate: Power Humidifier

- A built-in fan works independently of the furnace blower for maximum versatility.
- An automatic control provides worry-free comfort by instantly adjusting to changing humidity levels.
- Provides 50% more moisture than other competitive models.



### Premium: Large Bypass Humidifier

- Bypass design works with the furnace blower to deliver adequate moisture.
- An automatic control makes managing humidity levels effortless.
- Provides 50% more moisture than other competitive models.



### Contemporary: Small Bypass Humidifier

- Works with your furnace to ensure consistent, balanced comfort.
- A manual control lets you decide when to adjust the moisture level.

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# The American Standard whole-home humidifier family. The right amount of moisture, the perfect level of comfort.

## Ultimate

## Power Humidifier



Designed for homes up to 4,200 square feet.

Experience exceptional comfort with a quiet, built-in fan that helps the air flow through the humidifier efficiently and effectively, even when the furnace isn't running – delivering 50% more moisture than other competitive models. And for even more worry-free comfort, the automatic control continually adjusts the moisture level throughout the day.

## Premium

## Large Bypass Humidifier



Designed for homes up to 4,000 square feet.

An efficient bypass design works in conjunction with the blower in your furnace to add the right amount of moisture, with a capacity that's 50% greater than other competitive models. And a convenient automatic control means all you have to do is simply enjoy the increased comfort.

## Contemporary

## Small Bypass Humidifier



Designed for homes up to 3,000 square feet.

Works with your furnace to help bring balanced comfort to your home and features a manual control that lets you set the moisture level just how you like it.

### 1 Flow-through design

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

### 2 Controlled moisture distribution

Introduces fresh moisture, as a vapor, into the air to maintain the correct level of relative humidity in your home.

### 3 Built-in fan (Ultimate)

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

### 4 Replaceable Pad

Where water flows through and moisture is evaporated into the air. Can be easily accessed for annual replacement.

### 5 Durable, rust-resistant housing

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

### 6 Automatic control (Ultimate & Premium)

Makes maintaining comfort effortless by responding to temperature changes throughout the day and automatically adjusting the relative humidity. It also helps reduce the chances of condensation forming on windows.

### 7 Bypass damper (Premium & Contemporary)

Lets less air flow through the humidifier in the summer and more air pass through during winter, so the humidity remains balanced.

### 8 Manual control (Contemporary)

Lets you make your own humidity adjustments to suit your comfort level.

### Outdoor sensor option (Ultimate & Premium)

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.)

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# Control humidity. Control your comfort.

## Suggested Indoor Relative Humidity\*

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.

## 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. Relative humidity is the actual percentage of moisture in the air compared to the maximum percentage of moisture the air can hold. For example, if the air contains only half of the moisture it can hold, it is at 50% relative humidity. The 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.

Whole-Home Humidifier Features	Ultimate	Premium	Contemporary
	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	•	•	•
8 Manual control			•
Outdoor sensor option			
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>		

## It's what's inside that counts.



Over the past few decades, houses have become better insulated and more tightly sealed. While these advancements increase efficiency, they also mean that even the smallest fluctuations inside your home can have a big impact on your overall level of comfort. An American Standard whole-home humidifier helps you maintain an ideal relative humidity level of 30% to 45% – ensuring that your home is always the place where you and your family are most comfortable.

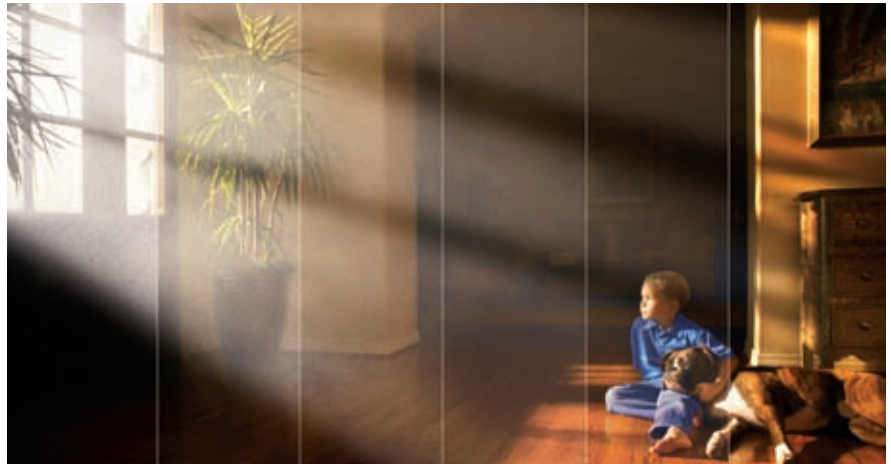
# Take comfort to the next level.

## 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 the Environmental Protection Agency (EPA) as a fair and objective measure of various air cleaner technologies.

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

When you choose an American Standard whole-home humidifier, you'll enjoy the consistent comfort it brings. But you can enhance its performance even more when you make it part of a "matched system." A matched system includes multiple American Standard Heating & Air Conditioning products – such as air conditioners, furnaces, air cleaners and ERVs – each of which

has been designed and engineered to work seamlessly with the others to enhance overall performance 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 and effective matched 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 half of your outdoor unit. As indoor air flows across it, heat and moisture are drawn out, leaving comfortable, cool air.
- 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 Controls

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



### AccuExchange™

Removes stale indoor air and replaces it with an equal amount of fresh outdoor air. Plus, it efficiently recovers heat and moisture from the exchanged air for enhanced comfort and energy savings.

# Achieve a better balance and a better level of comfort.

## Comfort for your body and mind.

During the winter or in arid climates, the air in your home can leave you feeling parched. You may experience dry skin, brittle hair, cracked lips, itchy eyes and irritated nasal passages. Your furniture, woodwork and musical instruments may also suffer as the dry air leaches their essential moisture. By balancing the moisture level in your home, an American Standard humidifier improves your comfort and protects your belongings. And when the mercury dips, a humidifier can also help you save on your heating costs. With the right amount of moisture in the air, you'll feel warmer and be able to keep your thermostat at a lower, more efficient setting.

## How an American Standard humidifier benefits your family:

- Provides potential energy savings during heating by making the air feel warmer, so you're more comfortable setting your thermostat lower.
- Reduces static electricity so you won't have any shocking experiences.
- 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.

## 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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