



# ForeFront™ Air Handlers

Unprecedented comfort and efficiency from a name you trust.



## Inside, it's perfectly comfortable.

For more than 120 years, American Standard Heating & Air Conditioning has been a name you can trust for exceptional comfort and peace of mind. We have one simple goal: to exceed your expectations every time. We continue to push the boundaries of durability and efficiency because we believe you deserve a superior product to keep your family comfortable.

So it is with great pride, that we introduce the ForeFront air handler. Full of newly designed components housed within a revolutionary cabinet, ForeFront effectively redefines performance and energy use in an air handler. Because when you ask for more from a home comfort system, we not only respond, we take you to the ForeFront.



- Reliable
- Comfortable
- Cleaner Air
- High Efficiency
- Revolutionary

*American Standard*  
HEATING & AIR CONDITIONING

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## The American Standard ForeFront™ is And setting higher standards for

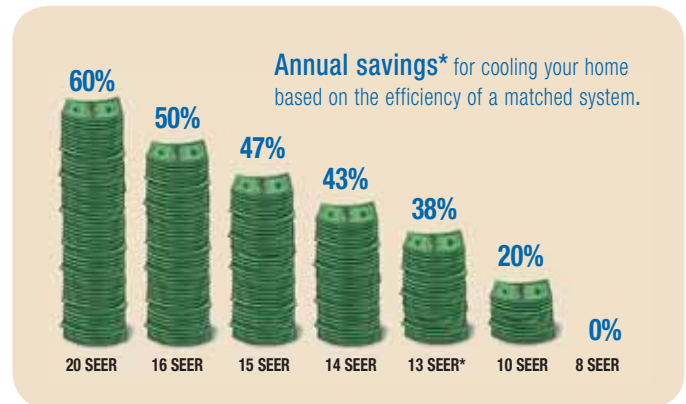
American Standard Heating & Air Conditioning is committed to your comfort and peace of mind. You trust us to fill your home with clean, comfortable air at just the right temperature, and that's not something we take lightly. The more you know about ForeFront, the more you'll see our dedication for yourself.

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## Higher SEER means higher savings.

If you're in the market for a new system, energy efficiency is one of the most important factors to consider. After all, the higher your system's efficiency, the less energy you'll use. So it's important to know about SEER, or the Seasonal Energy Efficiency Ratio. Like miles per gallon in your car, SEER is a measure of how efficiently your complete heating and air conditioning system works. The higher the SEER, the less energy a system needs to keep you comfortable during the cooling season.

The ForeFront air handler has been designed to be extremely energy efficient when installed as part of a matched American Standard Heating & Air Conditioning system, so you don't have to choose between smart energy use and total indoor comfort.



\* Minimum efficiency established by the Department of Energy. Potential energy savings may vary depending on your personal lifestyle, system settings and usage, equipment maintenance, local climate, actual construction and installation of equipment and duct system.

delivering new levels of comfort.  
performance and efficiency.

## Comfort feels even better when you're using energy wisely.

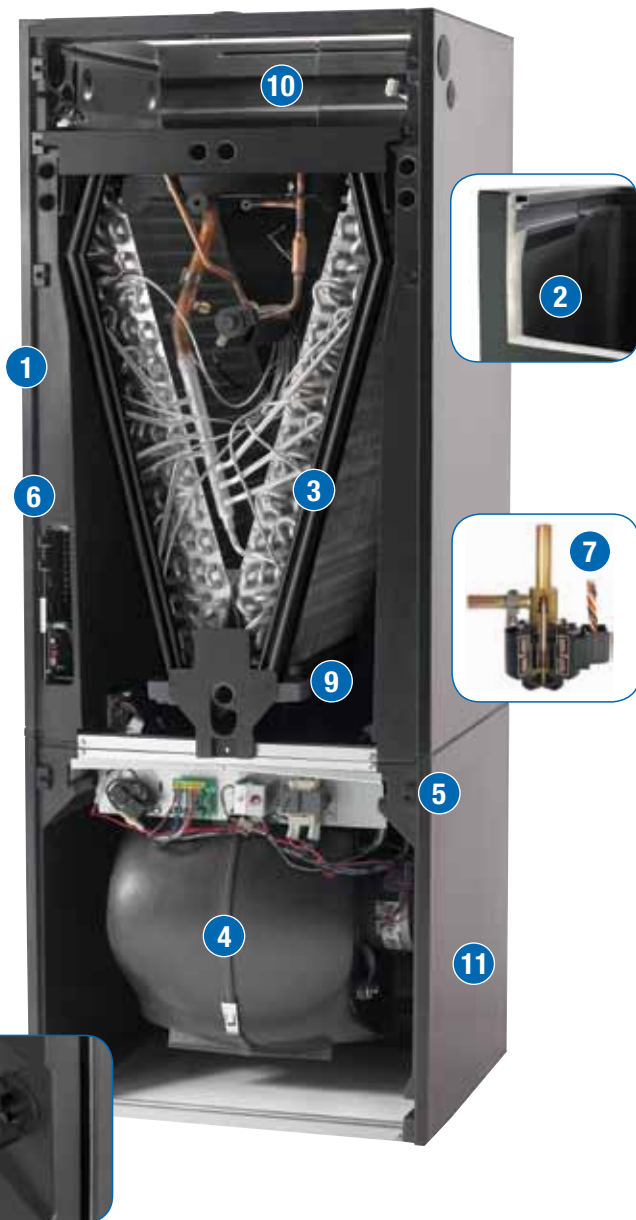
When we designed the ForeFront air handler, ecological responsibility was one of our priorities. So we used new door seals to drastically reduce air leakage and an electronic expansion valve to regulate refrigerant flow, both of which contribute to better efficiency and a lower carbon footprint. We also used an incredibly

durable, all-aluminum coil that reduces the chance of refrigerant entering the atmosphere. Then we put it all in a cabinet insulated with foam rather than loose fiberglass, preventing fibers from breaking off and circulating in your home.



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# The ForeFront™ of home comfort.



Features and components may vary by model and are shown for illustration purposes only.

## 1 Air-Tite II™ Cabinet★

A rugged dual walled cabinet with foam insulation means ForeFront is tough and efficient. Door seals and gaskets drastically reduce air leakage, which helps prevent energy loss and virtually eliminates condensation. For better air quality, the ForeFront's cabinet is easy to clean, inside and out.

## 2 Fully Enclosed Insulation★

Like a household refrigerator, ForeFront is built with a layer of dense foam between its inner and outer walls to seal in the cool, crisp air. This increases efficiency while eliminating loose fiberglass insulation that can break off and enter your airstream.

## 3 All-Aluminum Coil★

ForeFront's coil is substantially more durable than conventional copper coils, meaning longer system life and less chance of refrigerant leaking into the atmosphere.

## 4 Vortica™ Blower★

Specially constructed for quiet operation, the Vortica Blower also helps reduce your overall energy use and carbon footprint.

## 5 Flexible Design★

Because of its smaller size and easy configuration, ForeFront gives you more installation options throughout your home.

## 6 Control Board Pocket★

ForeFront shields its control board in a dedicated slot, protecting it from humidity in the airstream and extending its life.

## 7 Refrigerant Flow and Regulation★

ForeFront regulates the flow of refrigerant with an electronic expansion valve that is 400% more reliable than conventional valves. This adds an extra level of compressor protection for greater system life.

## 8 Quick Turn Fasteners

Helps panels seal tightly to reduce air loss, while providing convenient access for service and cleaning.

## 9 “No Leak” Drain Pan

The drain pan is made from rust resistant polycarbonate and is gently sloped to eliminate standing water.

## 10 Heating Options

With no modification to the cabinet, ForeFront is flexible and can accommodate either electric or hydronic heat.

## 11 Corrosion Resistant Finish

ForeFront's high quality finish means it will look great for years to come.

★ Indicates ForeFront technology you won't find anywhere else.

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ForeFront™ air handlers offer a range of choices for your comfort, all built with exceptional American Standard Heating & Air Conditioning quality.

*Platinum Series*

Our most efficient offering, which includes a variable-speed motor and integrated humidity control through Comfort-R™ technology. Many models feature communicating technology for a perfectly optimized matched system.

*Gold Series*

As part of a matched system, ForeFront moves air through your home with an extremely quiet high-efficiency motor.

*Silver Series*

A rugged, durable part of your matched system that meets or exceeds all standard efficiency requirements.

See your dealer for product information and availability or visit [americanstandardair.com/HomeOwner/Products/](http://americanstandardair.com/HomeOwner/Products/)

	Platinum	Gold	Silver
AIR-TITE II™ CABINET	•	•	•
FULLY ENCLOSED INSULATION	•	•	•
ALL-ALUMINUM COIL	•	•	•
VORTICA™ BLOWER	•	•	•
MODULAR DESIGN	•	•	•
CONTROL BOARD POCKET	•	•	•
EEV METERING DEVICE	•	•	•
QUICK TURN FASTENERS	•	•	•
"NO LEAK" DRAIN PAN	•	•	•
HEATING OPTIONS	•	•	•
CORROSION RESISTANT FINISH	•	•	•
ACCULINK™ COMMUNICATING TECHNOLOGY	Select Models		
HIGHLY EFFICIENT VARIABLE-SPEED TECHNOLOGY	Select Models		

\* Some models may not be available in all areas. Please contact your local independent dealer for product recommendations and availability.



Like all American Standard Heating & Air Conditioning products, each component of the ForeFront air handler is designed and engineered to work together seamlessly to maximize overall performance and deliver exceptional efficiency and reliability.

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# It all comes together with a matched American



Make your home as comfortable and efficient as possible by building a perfectly matched American Standard Heating & Air Conditioning system around your ForeFront™ air handler. Since all components in a matched system are designed to work together, you'll enjoy optimized performance all year long.

## Components of a home comfort system

### 1 Air Handler



Circulates air throughout all-electric homes to heat and cool them all year long.

With an air handler as efficient as ForeFront, your entire matched system has to do less work to keep you perfectly comfortable. This saves energy and reduces system wear.

### 2 Air Conditioner



Best for warmer climates, it works with the air handler to keep your home cool.

—or—

### Heat Pump

Ideal for all-electric homes or homes in milder climates, the heat pump works with your air handler to move heat out of your home in the summer, and into your home in the winter.

### 3 Comfort Control



Your connection to comfort. Attractive and durable American Standard thermostats can be either programmable or non-programmable.

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# Standard Heating & Air Conditioning system.

## Maximize your comfort zone.

There are a host of options available to make your matched home comfort system even more comfortable.



### Add an American Standard AccuClean™ for cleaner, more comfortable air.

Since it provides the most advanced air filtration available, an American Standard AccuClean™ whole-home air filtration system is the perfect match for an advanced air handler like ForeFront. As ForeFront circulates air throughout your home, AccuClean removes up to 99.98% of particulates from the air it filters. That includes dirt, dust, pollen and more. Great news for people with allergies or asthma.

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.

### Humidifier



Adds moisture to your home to help alleviate dry skin, static electricity and damage to furnishings.

### Energy Recovery Ventilator



Provides fresh outdoor air and removes stale indoor air, all while transferring heat and moisture for comfort and efficiency.



### Heating Options

ForeFront easily accommodates either hydronic or electric heat, so you can choose the source that's best for your climate.

### UV Light Kit

Installed as an accessory to help keep the coil and drain pan clean.

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### Our dealers will put you in your comfort zone.

Your local 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 conducting an in-depth analysis of your home and your comfort needs to walking you through the entire purchasing process. 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.

### Reliability, warranties and your peace of mind.

Registered Limited Warranty terms are available if the product is registered within 60 days of installation. Product registration can be completed either online at [americanstandardair.com](http://americanstandardair.com) or by calling 1-800-554-8005. Ask your local, independent dealer for full warranty information at time of purchase. Warranties are for residential use only, some exclusions may apply.

### *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.

A higher standard of comfort.

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

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

We Encourage  
Professionalism



Through Technician  
Certification by NATE



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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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