

Heritage Hybrid™ Comfort Systems

Comfort and control all in one.



Whether it's cold and gray or sizzling 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 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.

We continue to set the standard for value and reliability by bringing you forward-thinking solutions like the Heritage Hybrid comfort system, which offers flexibility and affordability in the face of unpredictable utility costs.

With the capacity to operate as an electric heat pump and a gas furnace, this all-in-one system lets you choose between two energy sources for heating, while enjoying total comfort season after season.

This guide will help you learn more about our Heritage Hybrid comfort systems. Together with your dealer, it can help you select the ideal unit that will make your home so comfortable, you may think twice about going outside at all.



Reference Copy
READ ONLY

Reliable
Comfortable
Cleaner Air
High Efficiency
Quiet

American Standard®
HEATING & AIR CONDITIONING

Heritage Hybrid™ Comfort Systems

Everything you need for comfort, efficiency and savings – all in one.

Ultimate

Heritage Hybrid™ 16



Heritage Hybrid 16 shown.
Other models may vary.



Reference Copy

READ ONLY

Premium

Heritage Hybrid™ 14



Heritage Hybrid 14 shown.
Other models may vary.



- 1 Up to four stages of heating and two fuel choices***
Customize your comfort and get greater control over energy costs by using an American Standard Comfort Control to choose the most economical point at which to switch from two-stage gas furnace or two-stage electric heat pump operation.
- 2 Variable-speed blower motor with Comfort-R™**
Starts at a slower, more efficient speed than conventional blower motors. When partnered with exclusive Comfort-R technology, it reduces temperature variances from room to room and provides greater humidity control during cooling. (See next panel for more details.)
- 3 Vortica™ advanced airflow system**
A state-of-the-art system that quietly circulates more air while using less energy. Constructed of a highly durable composite material that won't crack, corrode or rust.
- 4 Exclusive Spine Fin™ coil**
An industry-leading technology that increases airflow and heat transfer. Less likely to clog or corrode than standard coils – even under the harshest conditions. (See back for more details.)
- 5 Two-stage Duration™ compressor (Heritage Hybrid 16)**
Provides two stages of cooling and heating for a higher level of efficiency than most single-compressor units, running at 70% capacity most of the time and stepping up to the second stage on the hottest and coldest days.

Single-stage Duration™ compressor (Heritage Hybrid 14)
Durable and torture-tested for years of worry-free operation.
- 6 Super-quiet high efficiency ducted fan**
Moves air with a sophisticated aerodynamic blade for the quietest performance on the market.
- 7 Stainless steel heat exchanger and burners**
Ultra-safe tubular design for reliable performance and peace of mind.
- 8 All-steel cabinet with weather-beater top**
Contoured, reinforced top that shrugs off the worst Mother Nature has to offer.
- 9 Appliance-grade finish**
Durable powder-paint finish resists rust and scratches, prevents sharp edges and provides years of lasting protection.
- 10 Architectural louvers and corner guards**
Enhance the overall appearance, creating a stylish accent for your home. Made from sturdy UV-resistant, automotive-grade plastic.
- 11 Direct-spark ignition**
Starts the burners electronically for safe, efficient operation. Plus, there's no pilot light constantly burning fuel.
- 12 SermaGuard™ rust-resistant screws**
Tested in salt spray and proven to withstand the damaging effects of ultraviolet light, they prevent rust and streaks from marring the finish and keep your system looking good.

* A 402, 802, or 803 American Standard Comfort Control is required with all Heritage Hybrid comfort systems.



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

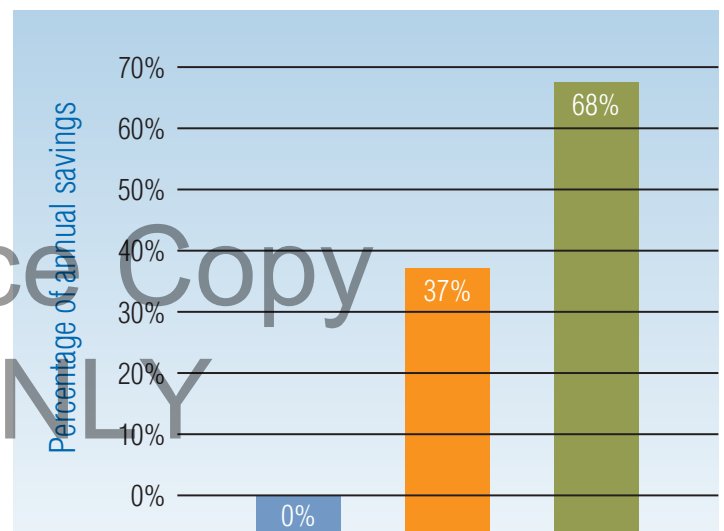
Why two fuels are better than one with a Heritage Hybrid™ comfort system:

With the versatile combination of electric heat pump and gas furnace operation, a Heritage Hybrid comfort system brings you all-season comfort and the power to control energy costs – all in one system.

In the winter you can stay warm, without heating up your budget, by choosing between two sources of heat – an electric heat pump that captures the heat that is always present in the outside air and pumps it back into your home or a furnace that burns natural gas to heat your indoor air. Installed with your system, an American Standard Comfort Control (required) gives you the ability to make this choice whenever you'd like to customize your comfort and stay in complete control. To ensure cost-effectiveness, your independent American Standard Heating & Air Conditioning dealer can also help determine when your system should automatically change from one energy source to another.

And when it's time for cooling, the heat pump reverses, acting as an effective, efficient air conditioner – while the variable-speed blower motor with Comfort-R™ helps lower humidity and circulate the cool air evenly throughout your home.

Average annual utility cost savings a Heritage Hybrid comfort system can provide:



- All-in-one gas/electric system 10 years or older
- High efficiency all-in-one gas/electric system
- Heritage Hybrid comfort system

The above example is based on weather conditions in Chicago and average national utility costs. Potential energy savings may vary depending on your lifestyle, system settings, equipment maintenance, local climate, home construction and installation of equipment and duct system. To find out how much you can save on energy costs in your area, ask your dealer for details.

You and your family will feel – and hear – the difference a Heritage Hybrid™ Comfort System can make.



Your present system more than likely allows a temperature swing of 3° to 5°F before turning off. With a Heritage Hybrid comfort system, those days are gone forever.

Whether it's a damp spring morning or a bone-chilling winter night, with a Heritage Hybrid comfort system you'll be able to choose the stage of heating that's just right for you and your family. On moderately cold days, you can rely on the two-stage electric heat pump for dependable warmth (single-stage electric heat pump for Heritage Hybrid 14). And whenever temperatures drop, the gas furnace delivers added comfort with two stages of heating – operating on the first stage most of the

time and stepping up to the second stage only during the coldest of days. And with the Heritage Hybrid 16, you can enjoy year-round comfort with a cooling system that uses the same two-stage technology. So no matter what it's like outside, you can count on your home being perfectly comfortable.

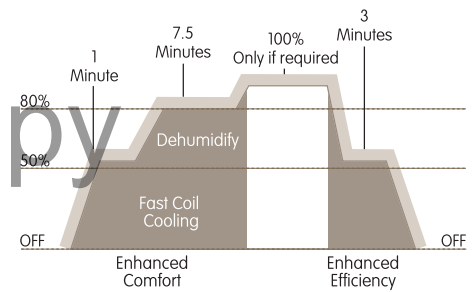
Get even more comfortable with variable-speed and Comfort-R™.

The Heritage Hybrid comfort system comes with a variable-speed blower motor with our exclusive Comfort-R feature to remove humidity from your home during hot summer days. Lowering the humidity can lead to savings by reducing moisture levels in the air, so you can keep the thermostat at a higher setting and still feel comfortable.* Another benefit: Because dust mites need higher humidity to thrive, they will be reduced, allowing your family to breathe easier. And when it gets chilly outside, Comfort-R brings you a warmer startup during heating, so you don't feel a blast of cold air when you're looking to get warm and cozy.

Heritage Hybrid™ Comfort System Features		Ultimate Heritage Hybrid 16	Premium Heritage Hybrid 14
1	Four stages of heating and two fuel choices	•	
	Three stages of heating and two fuel choices		•
2	Variable-speed blower motor with Comfort-R™	•	•
3	Vortica™ advanced airflow system	•	•
4	Exclusive Spine Fin™ coil	•	•
5	Two-stage Duration™ compressor	•	
	Single-stage Duration compressor		•
6	Super-quiet high efficiency ducted fan	•	•
7	Stainless steel heat exchanger and burners	•	•
8	All-steel cabinet with weather-beater top	•	•
9	Appliance-grade finish	•	•
10	Architectural louvers and corner guards	•	•
11	Direct-spark ignition	•	•
12	SermaGuard™ rust-resistant screws	•	•
13	Heavy steel insulated cabinet	•	•
	Refrigerant	R410A	R410A
	SEER efficiency	up to 16.0	14.0
	20 Year Limited Warranty on the Heat Exchanger with registration*	•	•
	12 Year Limited Warranty on the Compressor with registration*	•	
	10 Year Limited Warranty on the Compressor with registration*		•
	10 Year Limited Warranty on the Outdoor Coil with registration*	•	•
	10 Year Limited Warranty on Functional Parts with registration*	•	
	5 Year Limited Warranty on Functional Parts with registration*		•

*Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on americanstandardair.com.

Comfort-R™



During cooling, air moves over the coil more slowly at startup, allowing the coil to rapidly cool down for increased moisture removal. This managed cycle of cooling reduces temperature variances and increases dehumidification.

Quiet by design.

Every aspect of the Heritage Hybrid comfort system is designed to bring you ultra-quiet operation for greater peace of mind and overall comfort. A variable-speed blower motor puts an end to noisy startups and shutdowns, while the Vortica™ advanced airflow system circulates more air throughout your home as quietly as possible. And with a high efficiency ducted fan that delivers the quietest performance on the market, the only sound you may hear is your family asking to stay inside.

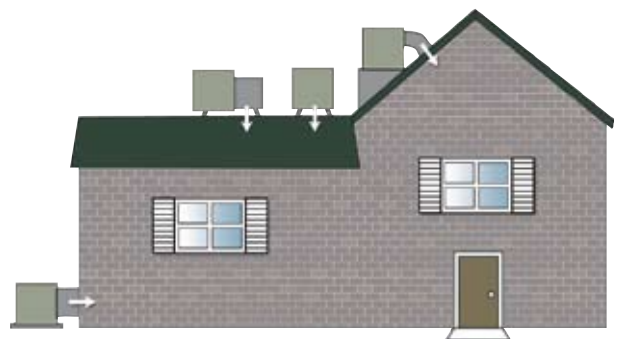
* Potential energy savings may vary depending on your lifestyle, system settings, equipment maintenance, local climate, home conditions and installation of equipment and duct system.



Your all-in-one Heritage Hybrid™ comfort system can be installed beside your home or on the roof. But no matter where it's placed, you'll enjoy the utmost performance and reliability.

Discover the flexibility to get more comfortable.

With all of its cooling and heating functions contained in a single cabinet, a Heritage Hybrid comfort system is easy for your dealer to install and service – making it simple for you to enjoy years of worry-free operation. Depending on the construction of your home, these units can be flush-mounted beside your home at ground level or placed on the roof for horizontal or downflow installation. And you can maximize comfort by adding a Comfort Control, Humidifier or AccuExchange™ Energy Recovery Ventilator (ERV).



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.



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.



Comfort Control

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



Humidifier

Prevents dryness that can cause damage to you and your belongings. Also reduces static electricity.

Setting the standard for efficiency and savings.

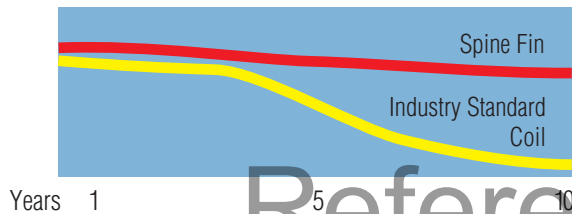


* Minimum efficiency established by the Department of Energy. The majority of systems installed prior to 2006 are 10 SEER or lower. Potential energy savings may vary depending on your lifestyle, system settings, equipment maintenance, local climate, home construction and installation of equipment and duct system.

Meeting or exceeding government efficiency standards.

SEER (Seasonal Energy Efficiency Ratio) and AFUE (Annual Fuel Utilization Efficiency) are measures of efficiency set for comfort systems by the U.S. Department of Energy. SEER and AFUE ratings are like miles per gallon in cars – the higher the rating, the more energy efficient the unit and the more money you save. Every one of our Heritage Hybrid™ comfort systems satisfies or exceeds the minimum government SEER standards.

Efficiency of Spine Fin™ coil over time



With Spine Fin coil technology, your system's annual energy consumption will remain fairly constant, even as the system ages.

Spine Fin coil – the gold standard for efficiency.

American Standard uses innovative technology and quality materials, so you can rest assured that your Heritage Hybrid comfort system will provide efficient, cost-effective performance long into the future. Constructed of thousands of tiny aluminum fins, our patented Spine Fin coils have a larger surface area, giving them far greater airflow, heat-transfer capabilities and energy efficiency than industry-standard coils. And because they don't become clogged with debris or corrode as easily as regular coils, you can count on enjoying exceptional comfort and peace of mind for many years to come.

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

American Standard®

HEATING & AIR CONDITIONING



Through Technician Certification by NATE



Certified by the Air Conditioning and Refrigeration Institute Standard 240. Rated in accordance with ARI Standard 270.



CHANGING THE BETTER WITH ENERGY STAR

American Standard Heating & Air Conditioning
6200 Troup Highway • Tyler, Texas 75707