

Heritage Hybrid™ Comfort Systems

Two choices, one smart solution.

TODAY



Cold and gray
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.

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. Pairing an electric heat pump with a gas furnace, a Heritage Hybrid comfort system allows you to take advantage of two sources of energy for heating.

Together with your dealer, this guide can help you select the Heritage Hybrid comfort system that will give you the ability to maximize your savings and your comfort.



Reference Copy
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Reliable
Comfortable
Cleaner Air
High Efficiency
Quiet

American Standard®
HEATING & AIR CONDITIONING

American Standard Heritage Hybrid™ Comfort Systems – Everything you need to weather changes in utility costs.

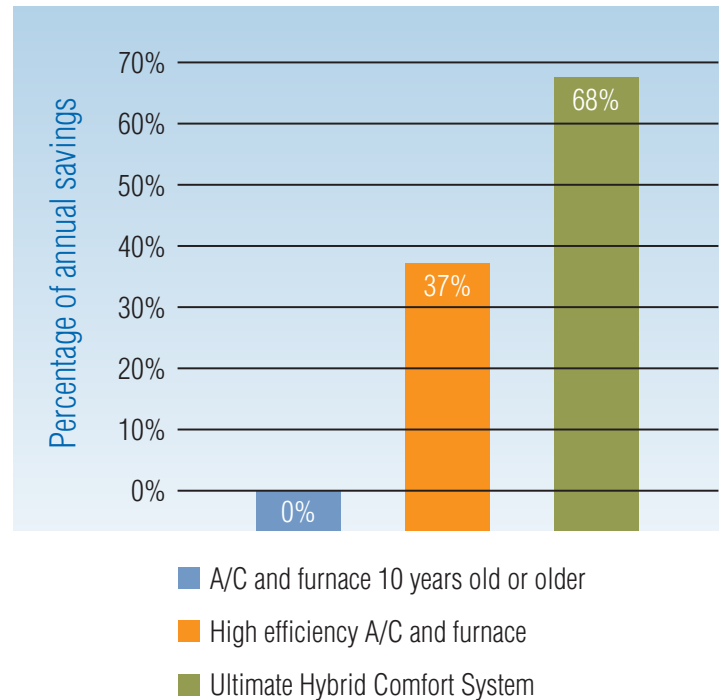
Two choices are better than one – How our Heritage Hybrid™ Comfort System works.

An American Standard Heritage Hybrid Comfort System pairs a gas furnace with an electric heat pump. This innovative combination allows you to choose from two sources of heating in order to respond to fluctuations in utility costs – for substantial savings year after year.

In winter a heat pump uses electricity to capture the heat that is always present in the outside air and pumps it back into your home, while a furnace burns natural gas to heat the indoor air. With a Heritage Hybrid comfort system, the best heating option is selected according to weather conditions and utility prices. To ensure cost-effectiveness, your independent American Standard Heating & Air Conditioning dealer will determine when your system should automatically switch from electric to gas heat. However, you may also use a programmable Comfort Control to run your system in the most economical fashion.

While your Heritage Hybrid comfort system can help provide greater savings on your heating bills, the components also work together to bring you effective, efficient cooling. In the summer, the heat pump functions as an air conditioner, pulling the heat out of your home and releasing it outdoors. In addition, the electric fan blower in the furnace helps circulate cool air from the heat pump throughout your home.

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



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.

Ultimate Heritage Hybrid™ Comfort System

Heritage® 20 Communicating Heat Pump and Freedom® 95, Modulating Variable Speed Communicating Furnace



3-ton Heritage 20 and 3-ton upflow Freedom 95 Modulating Variable Speed communicating models shown. Other models may vary. 900 Control required for communicating capability.

Experience ultimate comfort, quiet and efficiency.

Take comfort in the highest levels of performance, efficiency and savings with our ultimate Heritage Hybrid comfort system. Featuring cost-effective two-stage cooling and fully modulating heating, it runs at an energy-saving capacity in every season, and in winter it virtually eliminates short cycling and temperature swings. Variable speed blowers and our exclusive Comfort-R™ technology also provide quieter startups and shutdowns, more even temperatures throughout your home and greater humidity control during cooling.

While this ultimate system is composed of our most advanced models, your independent American Standard Heating & Air Conditioning dealer can also recommend a Heritage Hybrid comfort system, combining any of our heat pumps and furnaces, to fit your lifestyle and your comfort needs.

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
10	12	150	240	660	1200

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.

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

When you choose an American Standard Heritage Hybrid™ comfort system, you can enjoy consistent, affordable comfort all year long. Your Heritage Hybrid comfort system is a "matched system" in and of itself. But by installing additional American Standard components, each of which has been designed

and engineered to work seamlessly together, you can achieve 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.



A common matched Heritage Hybrid™ comfort system includes:

- 1 Furnace:** indoor unit that uses gas to warm your home in the winter.
- 2 Heat pump:** outdoor unit that uses electricity to warm your home in the winter and cool your home in the summer with quiet, reliable efficiency.
- 3 Indoor coil:** the other, less visible half of your heat pump. As indoor air flows across it, heat and moisture are drawn out, leaving air that is cool, comfortable and conditioned.
- 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 thermostat that maximizes temperature control and allows you to easily shift operation between your heat pump and furnace.

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 Control

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



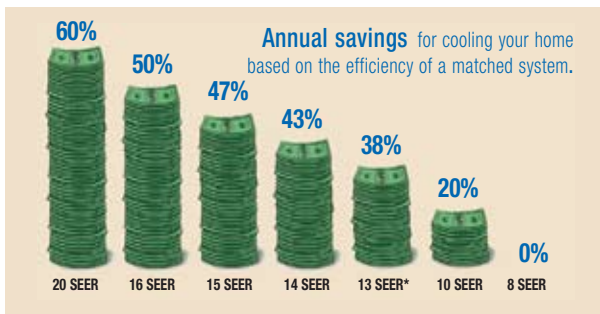
Humidifier

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



Communicating technology for your peace of mind.

You have more important things to do than worry about the efficiency of your home's comfort system; that's why the AccuLink™ communicating system works behind the scenes for you. This special technology is built into specific American Standard products, allowing them to "communicate" with each other. These interfaces allow components in your air conditioning and heating system to be automatically and properly charged, configured and calibrated – not just during installation but throughout the life of your investment. With the efficiency and effectiveness of the system maintained at a high level, you get the sustained reliability and peak performance you expect from American Standard Heating & Air Conditioning.



Meeting or exceeding efficiency standards.

SEER (Seasonal Energy Efficiency Ratio) and HSPF (Heating Seasonal Performance Factor) are measures of efficiency for heat pumps. SEER and HSPF ratings are like miles per gallon in cars – the higher the rating, the more energy efficient the unit and the more money you save. All American Standard Heating & Air Conditioning systems satisfy or exceed minimum government SEER and HSPF standards.

*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.

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

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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.