

Allegiance® Air Conditioners

Enjoy cool, refreshing comfort.

TODAY



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 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.

Our Allegiance air conditioner family offers a host of innovative features that have provided families like yours with consistent, quality home comfort for years.

This guide will help you learn more about our complete range of air conditioners. 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.



Reliable

Comfortable

Cleaner Air

High Efficiency

Quiet

American Standard
HEATING & AIR CONDITIONING

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TODAY



Like an oven outside



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

The Allegiance® family of air conditioners. Extraordinary home comfort you can count on.

Allegiance air conditioners offer you the ultimate in home comfort with the durability, reliability and performance that have made American Standard an industry leader. Our Allegiance air conditioner family features exclusive,

state-of-the-art technology that increases efficiency and quietly and meticulously conditions your air, delivering a level of comfort you and your family may never have experienced before.



Ultimate: Allegiance 20

- Get sustained reliability and top performance with AccuLink™ communicating technology that connects certain components of your system – providing comfort, efficiency, convenience and peace of mind.
- Designed around dual Duration™ compressors, it's like having two systems in one. The compressors provide either 50% system capacity for mild conditions or 100% system capacity for extreme conditions for the ultimate in home comfort and energy savings.



Ultimate: Allegiance 16

- Two-stage single compressor has 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 days.



Premium: Allegiance 15

- The most efficient of our single-stage air conditioners, they offer premium comfort that exceeds the EPA's energy efficiency standards.
- Durable and quiet as well.



Contemporary: Allegiance 13

- For total comfort, long-lasting efficiency, durability and affordability.

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The Allegiance® family of air conditioners. Everything you need in an outside unit for perfect comfort inside your home.

Ultimate

Allegiance 20 & 16



3-ton Allegiance 20 shown. Other models may vary.

1 AccuLink™ control board (Allegiance 20)

Enables the unit to communicate system information to your Comfort Control and technician during installation and maintenance.*

2 All-aluminum Spine Fin™ coil

Innovative all-aluminum coil provides low airflow resistance and greater heat transfer capabilities, resulting in higher efficiency. It is more resistant to corrosion and leaks than traditional copper/aluminum coils.

3 Dual Duration™ compressors (Allegiance 20)

A versatile design that offers efficient two-stage cooling for the ultimate in home comfort and energy savings. The smaller compressor works to provide daily comfort, and on the hottest days, the second compressor provides additional cooling for maximum comfort.

Two-stage Duration compressor (Allegiance 16)

Provides two stages of cooling 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 days.

Single Duration compressor (Allegiance 13 & 15)

Durable and torture-tested for years of worry-free operation.

4 Charge Assist™ charging port (Allegiance 20)

Simplifies service and improves system refrigerant charge accuracy which can lead to longer compressor life.

5 Variable-speed fan motor (Allegiance 20 & Select Allegiance 16 Models)

Designed to vary in speed based on cooling requirements, it provides higher efficiency and quieter performance.

Single-speed fan motor (Allegiance 13, 15 & Select Allegiance 16 Models)

Conserves energy and operates quietly, so noise levels are kept to a minimum.

6 Heavy-duty steel louvered panels

Designed to protect the coil from leaves, hail and other potentially damaging elements.

7 Appliance-grade finish

Durable powder-paint finish resists rust and scratches, eliminates sharp edges and provides years of lasting protection.

8 Durabase™ basepan

Durable; will not crack, warp, corrode or rust.

9 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.

10 Compressor sound insulators (Allegiance 15, 16, 20 & Select Allegiance 13 Models)

Reduce sound, contributing to a more peaceful home environment.

Premium

Allegiance 15



3-ton Allegiance 15 shown. Other models may vary.

Contemporary

Allegiance 13



3-ton Allegiance 13 shown. Other models may vary.

You and your family will be able to really feel – and hear – the difference an Allegiance® can make.



Your present air conditioner more than likely allows a temperature swing of 3° to 5° F before turning on or off. With an American Standard Allegiance 20 or 16, those days are gone forever.

The Allegiance 16 and 20 can provide you with greater, more even comfort than most single-stage compressor systems. Employing dual and two-stage compressors, each runs at an energy-saving capacity most of the time. Running at lower speeds longer also removes more unwanted moisture from the air. With less humidity, you feel cooler and more comfortable. On extremely hot days, these compressors shift compressor operation, or stages, for a heightened level of cooling to ensure you stay comfortable.

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

Allegiance 20 communicating and select Allegiance 16 air conditioners come 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.

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

Allegiance Features	20	16	15	13
1 AccuLink™ control board	•			
2 All-aluminum Spine Fin™ coil	•	•	•	•
3 Dual Duration™ compressors	•			
Two-stage Duration compressor		•		
Single Duration compressor			•	•
4 Charge Assist™ charging	•			
5 Variable-speed fan motor	•	Select Models		
Single-speed fan motor		Select Models	•	•
6 Heavy-duty steel louvered panels	•	•	•	•
7 Appliance-grade finish	•	•	•	•
8 Durabase™ basepan	•	•	•	•
9 SermaGuard™ rust-resistant screws	•	•	•	•
10 Recessed fan grille	•	•	•	•
11 Compressor sound insulator	•	•	•	Select Models
High SEER efficiency (up to) <small>When installed with certain American Standard Heating & Air Conditioning indoor products.</small>	20.00	18.50	17.00	14.75
Refrigerant	R410A	R410A	R410A	R410A
12 Year Limited Warranty on Compressor with registration*	•	•		
10 Year Limited Warranty on Compressor with registration*			•	•
10 Year Limited Warranty on Outdoor Coil with registration*	•	•	•	•
10 Year Limited Warranty† on Internal Functional Parts † with registration*	•	•	•	•



Relax in quiet comfort.

Allegiance air conditioners offer unequalled durability and quiet, reliable comfort. We use a composite material for our basepans – so they won't crack, warp, corrode or rust. Each air conditioner comes with louvered panels to protect its coil from Mother Nature as well as corrosion-resistant paint to prevent rusting. Each compressor is even wrapped with sound insulators to decrease noise levels. That way you don't have to turn the TV up when the air conditioner is on. And we make them child safe, so little fingers can't get in. Which means you can really relax in quiet comfort.

*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.

† The ten year Functional Parts Limited Warranty extends to the indoor gas or oil furnace, coil, air handler and thermostat when installed as part of a complete Allegiance comfort system. An Allegiance comfort system includes an AHRI certified matching American Standard outdoor Allegiance unit, indoor unit and thermostat installed at the same time.

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 Allegiance® air conditioner, you'll enjoy the consistent comfort and efficiency it brings – performance that is maximized when you make it part of an American Standard "matched system." A matched system is composed of multiple American Standard Heating & Air Conditioning products, each

designed and engineered to work seamlessly together 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 system is electric/gas.

- 1 Air conditioner:** outdoor unit that cools on the hottest days with reliability you can count on, year after year.
- 2 Furnace:** indoor unit that uses gas to warm your home in the winter.
- 3 Indoor coil:** the other, less visible half of your outdoor unit. 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 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.



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

American Standard AccuLink™ Home Communicating System



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. 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'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.

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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American Standard®
HEATING & AIR CONDITIONING



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

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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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