AccuComfort™ Variable Speed Systems

PRECISE, CONSISTENT COMFORT. QUIETEST EFFICIENCY.

American Standard
HEATING & AIR CONDITIONING
American Standard Heating & Air Conditioning systems offer precise home comfort at a lower cost of operation. Whatever your perfect temperature, you’ll enjoy consistent comfort with the heating and cooling systems homeowners ranked number one in durability. American Standard. A better way to chill.

We’ve taken the future of home comfort to new levels with the American Standard AccuComfort™ system. The only thing you will have to do is set it. The system takes over from there as it automatically adjusts itself to run at an optimal, efficient speed. AccuComfort maintains your ideal comfort level no matter what the weather is like outside.
In a matched system, everything works together for your comfort.

A matched system from American Standard Heating & Air Conditioning is a system that combines components that have been designed to work with one another. The result is a perfectly balanced system tuned for efficiency and substantial comfort, producing air unlike anything you’ve felt before.

1. **Air Conditioner**
   - Best for warmer climates, it works with your indoor unit to keep your home cool.

2. **Comfort Control**
   - American Standard connected controls are smart, clear and intuitive and easy to program.

3. **Heat Pump**
   - Provides cooling in the summer, then reverses in winter to bring warmth into your home.

4. **AccuClean™**
   - A new definition of whole-home air filtration, AccuClean removes up to an incredible 99.98% of particles down to .1 micron from the filtered air.

5. **Furnace**
   - Warms your home with oil or natural gas during the winter, while circulating cooled air in the summer.

6. **Air Handler**
   - Circulates heated or cooled air throughout your home quietly and efficiently.

7. **Coils**
   - Attached to your furnace or within your air handler, it works with your outdoor unit to provide air that is cool, comfortable and conditioned.
With American Standard AccuComfort™ systems, you can control your home heating and cooling even when you’re not at home. American Standard’s connected controls and the Nexia™ smart home system give you the power to manage your AccuComfort heating and cooling remotely via any web-enabled smart phone, tablet or computer. Nexia can also provide remote management of locks, video surveillance, lights, shades, garage doors, energy usage, and more, from wherever life takes you.* See [www.nexiahome.com](http://www.nexiahome.com) for the latest information.

* Subscription required with certain security features.

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### AccuLink™ communicating control board
Maintains consistent comfort and efficiency by powering the compressor and controlling communication between all components of the system.

### Duration™ variable speed compressor
Automatically makes constant, minute adjustments to avoid temperature swings in your home and maintain consistent comfort and optimal efficiency.

### Compressor sound insulator
Reduces operating noise for a quieter home environment.

### All-aluminum Spine Fin™ coil
An exclusive design makes it extremely efficient at transferring heat, and highly resistant to corrosion.

### Durabase™ basepan
Built to resist cracks, rust and corrosion.

### Variable-speed fan motor
Adjusts speed based on cooling and heating requirements for high efficiency and quieter operation.

### Simplified two-wire connection
Offers easier installation, reducing the need for structural modifications.

### Heavy-duty steel louvered panels
Protect the coil from dirt and damage while still providing substantial airflow.

### Appliance-grade finish
Durable powder-painted louvers resist rust and corrosion, eliminate sharp edges and provide years of lasting protection.

### SermaGuard™ rust-resistant screws
For corrosion resistance and longer life SermaGuard screws are Zinc-coated.

### System Efficiency Rating

<table>
<thead>
<tr>
<th>System</th>
<th>Type</th>
<th>Efficiency Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platinum 20</td>
<td>Air Conditioner</td>
<td>up to 22 SEER</td>
</tr>
<tr>
<td>Platinum 20</td>
<td>Heat Pump</td>
<td>up to 21 SEER/10 HSPF</td>
</tr>
<tr>
<td>Platinum 19</td>
<td>Variable Speed</td>
<td>up to 19.5 SEER/11.5 HSPF</td>
</tr>
<tr>
<td>Platinum 18</td>
<td>Air Conditioner</td>
<td>up to 18 SEER</td>
</tr>
<tr>
<td>Platinum 18</td>
<td>Heat Pump</td>
<td>up to 18 SEER/10 HSPF</td>
</tr>
</tbody>
</table>

System efficiency is measured in SEER (Seasonal Energy Efficiency Ratio) and HSPF (Heating Seasonal Performance Factor). The higher the SEER and HSPF, the greater the system’s energy efficiency, and the lower the overall carbon footprint of your household.
Platinum 19
Heat Pump shown

Savings based on the rating of a matched system.

1. SermaGuard™ rust-resistant screws
   For corrosion resistance and longer life
   SermaGuard screws are Zinc-coated.

2. Integrated Fan System
   Unique leading edge swept blade design improves airflow, enhances performance and reduces sound levels.

3. Super Durable Powder-Paint Finish
   Virtually indestructible for maximum protection against corrosion and rust.

4. Duration™ variable speed compressor
   Automatically makes constant, minute adjustments to avoid temperature swings in your home and maintain consistent comfort and optimal efficiency.

5. Single panel control compartment
   Allows easy access to controls and reduces operating sound.

6. Condenser coil
   Refrigeration grade copper tubes and enhanced aluminum fin surface maximizes heat transfer.

7. Defrost control
   Provides enhanced comfort and maximizes efficiency by defrosting only when required to maintain indoor comfort.

8. Smaller footprint
   For zero lot line, and smaller constrained areas such as under decks means this unit will fit where traditional sized units cannot.

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.
**NORTHWEST**

**GREAT PLAINS**

**SOUTHWEST**

**WEST**

**SOUTH**

**SOUTHEAST**

**CENTRAL**

**UPPER MIDWEST**

**NORTHEAST**

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**Weather Forecast**

<table>
<thead>
<tr>
<th>Day</th>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>75°</td>
<td>69°</td>
<td>75°</td>
<td>39°</td>
<td>42°</td>
<td>35°</td>
<td>69°</td>
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<tr>
<td>35°</td>
<td>69°</td>
<td>40°</td>
<td>30°</td>
<td>35°</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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It takes much more energy for a system to start and stop.

20 up to 72

Number of minutes a single stage compressor takes to reach full capacity.

72 up to 100

Times a single stage system starts/stops in 24 hours.* Fewer is better when it comes to durability.

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*During peak season.

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**CONVENTIONAL AIR CONDITIONER**

**Single Stage**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Speed</td>
<td>On or Off</td>
</tr>
<tr>
<td>Temperature Swing</td>
<td>3°</td>
</tr>
<tr>
<td>75dB</td>
<td></td>
</tr>
</tbody>
</table>

Leave the swings outside.

500/700/750 stages of cooling or heating avoid large temperature swings and deliver a truly comfortable indoor environment.

On or Off again.

Conventional systems tend to leave gaps in comfort in-between cycles which is the most likely cause if you are feeling warm or cold at times during a typical day in your home.

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**ACCUCOMFORT™ Variable Speed**

500/700/750 Stages

<table>
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<tr>
<th>Feature</th>
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</tr>
</thead>
<tbody>
<tr>
<td>System Speed</td>
<td>Only 2-5% of Day at Higher Speed</td>
</tr>
<tr>
<td>Temperature Swing</td>
<td>1°</td>
</tr>
<tr>
<td>75dB</td>
<td></td>
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</tbody>
</table>

‘Always On’ and in control.

The advanced humidity control of an AccuComfort system actually feels better at more efficient temperature settings.

‘Always On’ and in control.

The advanced humidity control of an AccuComfort system actually feels better at more efficient temperature settings.

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Quietly comfortable.

At minimal sound levels for most of the day, it will even sound more comfortable.

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*yMinimum system speed varies by tonnage on Platinum 19*
Cruise control for comfort.
Just like going up or down a hill in an automobile with the cruise control on, AccuComfort automatically adjusts its speed and conserves fuel while maintaining the comfort you set.

Always just right.
No matter what Mother Nature throws your way or where you live, AccuComfort gets your desired temperature just right.

‘Always On’ top of durability.
It turns out internal moving components really like slow and steady as much as you will.

It takes much more energy for a system to start and stop.

Times a single stage system starts/stops in 24 hours! Fewer is better when it comes to durability.

Number of minutes a single stage compressor takes to reach full capacity.

"Always On" top of durability.
It turns out internal moving components really like slow and steady as much as you will.
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.

Take comfort in our peace-of-mind warranties.

Your American Standard AccuComfort™ Variable Speed System is about comfort and satisfaction, and so is the registered limited warranty supporting it. Every American Standard AccuComfort™ variable speed system includes either 10 or 12 years* on the compressor, 10 years on the outdoor coil, and 10 years on internal functional parts. See your independent American Standard Heating & Air Conditioning dealer for details.

*Platinum 19 Heat Pump has 10/10/10 warranty.