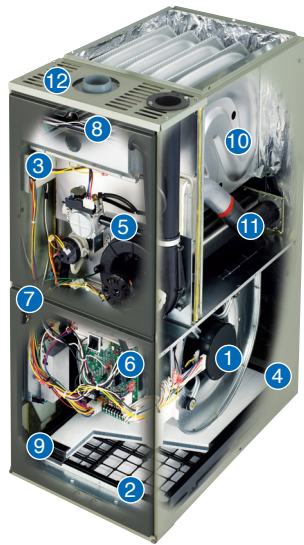


The best choice for comfort and efficiency just got better.

There's no question that **unbeatable dependability** and **exceptional efficiency** are built in to every American Standard Freedom 90 variable-speed furnace. Now with **integrated AccuClean™ technology on select models**, the cleanest possible indoor air is also built in – saving space and offering **easy, all-in-one installation**. And superior comfort comes standard with cutting-edge features like a **variable-speed blower motor with Comfort-R™** and **energy-saving two-stage heating** that increase efficiency, reduce operating sound and eliminate temperature variances.



Comfort features you can take to the bank.

- 1 **High efficiency, variable-speed blower motor with Comfort-R™**
Slowly and quietly ramps up to speed for a softer start and more consistent airflow. When partnered with exclusive Comfort-R technology, it reduces temperature variances from room to room and provides greater humidity control during cooling.
- 2 **Integrated AccuClean™ technology**
Offers space-saving flexibility and advanced air filtration that removes up to 99% of airborne allergens from air that is heated or cooled (select models).
- 3 **Adaptive silicon nitride hot surface igniter**
Prevents overheating, resulting in a highly reliable ignition system and the longest possible service life.

Freedom® Variable-Speed, Two-Stage Furnace

Ultimate



Up to
93%
AFUE

Lifetime limited warranty
on heat exchangers
5-year limited warranty
on all other parts

- 4 **Heavy steel insulated cabinet**
Holds more heat in the furnace, ensuring greater durability and quieter operation.
- 5 **Two-stage gas valve**
Results in greater efficiency by providing just the right amount of fuel for each stage.
- 6 **Self-diagnostic controls**
Complete diagnostics for easy servicing. Also includes a system fault analysis for quick gas flow shutoff, coupled with automatic ignition retry after sensing a fault mode.
- 7 **Easy-access doors**
Quarter-turn dual door latches provide quick and easy access for servicing (upflow models only).
- 8 **Multi-port in-shot burners**
Perfectly shape the flame cone for maximum heat possible while using less fuel. No service adjustment necessary.
- 9 **Automotive-grade gaskets and insulated blower compartment**
Help reduce operating sound and air infiltration.
- 10 **Primary aluminized steel heat exchanger**
Crimped, not welded, to prevent cracks from heat stress. Stamped serpentine channel offers the greatest efficiency in less space. Backed by our lifetime limited warranty.
- 11 **AL29-4C™ stainless steel secondary heat exchanger**
Captures more of the heat your customers pay for. Backed by our lifetime limited warranty.
- 12 **100% fresh air option**
Uses 100% outdoor air for combustion, increasing equipment life and providing fresher air.

Variable-Speed, Two-Stage Furnace

Freedom®

American Standard

HEATING & AIR CONDITIONING

90 Freedom® Variable-Speed, Two-Stage Furnace

Your Profit-ability with American Standard

Sell-ability

- Industry leader and brand reputation
- High efficiency, variable-speed blower motor with Comfort-R™
- Integrated AccuClean™ technology on select models, all others are AccuClean compatible
- Greater reliability
- Quiet operation

Install-ability

- Air cleaner and humidifier terminals
- Upflow/horizontal left
- Downflow/horizontal right
- Left/right gas and electrical hookups
- Direct vent option

Service-ability

- Quarter-turn blower door latches on upflow models
- Self-diagnostic controls
- Compatible with higher SEER outdoor units

Performance-ability

- Up to 93% efficiency on gas
- Insulated blower door and cabinet save energy and reduce sound
- Automotive-grade gaskets reduce noise and air infiltration
- Two-stage gas valve

Rely-ability

- Individually factory-tested before shipping
- Silicon nitride igniter
- 100% fresh air option
- Integrated furnace control
- Aluminized steel primary heat exchanger
- AL29-4C™ stainless steel secondary heat exchanger
- Multi-port in-shot burners

A warranty for you and your customers.

Not only does an American Standard extended warranty protect your customers, it allows you to maintain a relationship with them and generate future business. Extended warranties are also a great way to promote your reputation in the community and collect referrals, while ensuring customer satisfaction.

American Standard benefits for your customers

Reliable performance

Design innovations and rigorous testing ensure that our name goes on only the most reliable products.

Durable construction

Materials for all components are torture-tested for consistent, reliable, long-lasting performance and durability.

Enhanced comfort

Add American Standard accessories such as Comfort Controls and Humidifiers to enhance overall performance and maximize comfort.

Cleaner air

Integrated AccuClean™ technology removes up to 99% of airborne allergens from filtered air for a cleaner, more comfortable home.

Efficient operation

Increased efficiency may lower heating or cooling costs.

A reputation built on reliability and durability.

We salute independent American Standard dealers who work to improve the lives of their customers' families. Our promise to you is to continually dedicate ourselves to creating and manufacturing new and innovative products – products that make you and your customers a lot more comfortable.

American Standard
HEATING & AIR CONDITIONING
americanstandardair.com

Model Number	AFUE	Height (in.)	Width (in.)	Depth (in.)	Cooling CFM (Nom. Tons)
Freedom 90 Variable-Speed, Two-Stage Upflow/Horizontal					
AUY060R9V3W	93.0	40.0	17.5	28.0	3
AUY080R9V3W	92.5	40.0	17.5	28.0	3
AUY100R9V4W	93.0	40.0	21.0	28.0	4
AUY120R9V5W	92.5	40.0	24.5	28.0	5
Freedom 90 Variable-Speed, Two-Stage Downflow/Horizontal					
ADY060R9V3W	92.0	40.0	17.5	28.0	3
ADY080R9V3W	92.5	40.0	17.5	28.0	3
ADY100R9V4W	93.0	40.0	21.0	28.0	4
ADY120R9V5W	92.5	40.0	24.5	28.0	5
Freedom 90 Variable-Speed, Two-Stage Upflow/Horizontal With Integrated AccuClean™ Technology					
AUX2B060AFV3VA	93.0	40.0	17.5	28.0	3
AUX2B080AFV3VA	92.5	40.0	17.5	28.0	3
AUX2C100AFV4VA	93.0	40.0	21.0	28.0	4
AUX2D120AFV5VA	92.5	40.0	24.5	28.0	5