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.

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.

Freedom® Variable-Speed, Two-Stage Furnace

Ultimate

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

Freedom® 90

Up to 93% AFUE

American Standard HEATING & AIR CONDITIONING
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.

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
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
5AUD2B060AFV32A 80 40 17.5 28 3
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

© 2007 American Standard All rights reserved
Since American Standard has a policy of continuous product improvement, it reserves the right to change specifications and design without notice.