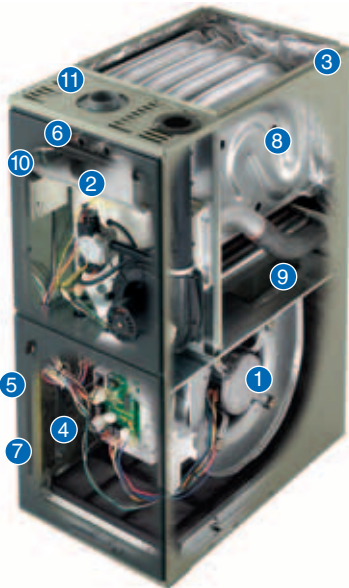


Provide enhanced comfort, and get a bit more comfortable, too.

The American Standard Freedom 90 high efficiency single-stage furnace has **higher efficiency** and is more reliable. It uses less electricity in heating and cooling operations, so it appeals to efficiency-minded customers in **residential new construction** and in **retail replacement**. And it **accommodates upgrades** to higher SEER outdoor units. Install it for an enhanced comfort experience that will make you more comfortable, too.



Comfort features you can take to the bank.

- 1 High efficiency blower motor**
Controlled by a built-in microcomputer and on-board relays. Fixed 45-second time delay controls the indoor blower in heating cycles. Blower off-timing is adjustable by presets, allowing you to customize comfort in the home.
- 2 Adaptive silicon nitride hot surface igniter**
Prevents overheating, which results in a highly reliable ignition system and longest possible service life.
- 3 Heavy steel insulated cabinet**
Holds more heat in the furnace and assures greater durability and quieter operation.

Freedom[®] High efficiency single-stage furnace

Premium



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

- 4 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 fault correction.
- 5 Easy access doors**
Quarter-turn dual door latches provide quick and easy access for servicing (upflow models only).
- 6 Multi-port in-shot burners**
Perfectly shape the flame cone for the maximum heat possible while using less fuel. No service adjustment necessary.
- 7 Automotive-grade gaskets and insulated blower compartment**
Help reduce operating sound and air infiltration.
- 8 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.
- 9 AL29-4C™ stainless steel secondary heat exchanger**
Captures more of the heat your customers pay for. Backed by a lifetime limited warranty.
- 10 Sealed combustion**
For maximum safety, the burner combustion unit is sealed tight, also assuring that it meets all local codes.
- 11 100% fresh air option**
Uses 100% outdoor air for combustion, increasing equipment life and providing fresher air.

High efficiency single-stage furnace

Freedom[®]

American Standard

HEATING & AIR CONDITIONING

Freedom[®] High efficiency single-stage furnace

Your Profit-ability with American Standard

Sell-ability

- Industry leader and brand reputation
- Higher efficiency single-stage furnace
- Greater reliability
- Quieter 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
- Common parts across family
- Compatible with higher SEER outdoor units

Performance-ability

- 4-speed high efficiency motor
- 90% efficiency on gas
- Insulated blower door and cabinet save energy and reduce sound
- Automotive-grade gaskets reduce air noise and infiltration

Rely-ability

- Each factory-tested before shipping
- Silicon nitride igniter
- 100% fresh air option
- Integrated furnace control
- Aluminized heat exchanger
- Multi-port in-shot burners

A warranty for you and your customers.

Not only does an American Standard warranty protect your customers, it allows you to maintain a relationship with them and generate future business. 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 SEET 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

Add an AccuClean™ air cleaner to remove up to 99.98% of airborne allergens from filtered air for a cleaner, more comfortable home.

Efficient operation

Increased efficiency may substantially lower customers' home heating costs.

A reputation built on reliability and durability.

American Standard salutes all the dealers who work to improve the lives of families. It's our promise to you that we will continue to dedicate ourselves to creating and manufacturing new and innovative products. Products that will also make you and your customers a lot more comfortable.

American Standard
HEATING & AIR CONDITIONING
americanstandardair.com

Model Number	AFUE	High Capacity Output BTUH (Nominal)	Height (in.)	Width (in.)	Depth (in.)	Cooling CFM (Nom. tons)
FREEDOM 90 High Efficiency Single-Stage Upflow Horizontal Left						
AUX1B040A9H21B	92.1	38,000	40.00	17.50	28.00	2.0
AUX1B060A9H31B	92.1	56,000	40.00	17.50	28.00	3.0
AUX1B080A9H31B	92.1	74,000	40.00	17.50	28.00	3.0
AUX1C100A9H41B	92.1	94,000	40.00	21.00	28.00	4.0
AUX1D120A9H51B	92.1	113,000	40.00	24.50	28.00	5.0
FREEDOM 90 High Efficiency Single-Stage Downflow Horizontal Right						
ADX1B040A9H31B	91.0	38,000	40.00	17.50	28.00	3.0
ADX1B060A9H31B	91.0	56,000	40.00	17.50	28.00	3.0
ADX1B080A9H31B	91.0	74,000	40.00	17.50	28.00	3.0
ADX1C100A9H41B	91.0	94,000	40.00	21.00	28.00	4.0
ADX1D120A9H51B	91.0	112,000	40.00	24.50	28.00	5.0