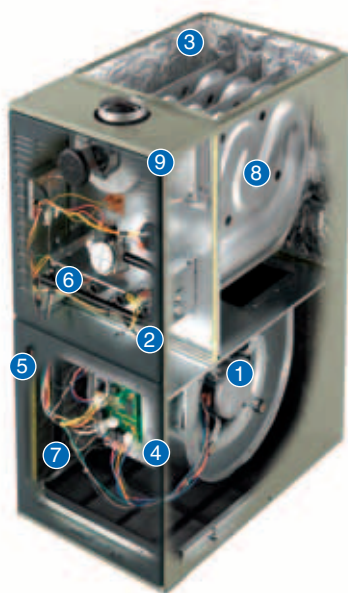


For efficiency-minded customers, and added benefits for you.

The American Standard Freedom 80 high efficiency single-stage furnace is a more reliable, **higher efficiency** furnace. Using less electricity in heating and cooling operations, it's very attractive for **residential new construction** and **retail replacement**. It's easy to install and service. And it can **accommodate upgrades** to higher SEER outdoor units. All in all, more performance for your customers and more profits for you.



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.

Freedom® High efficiency single-stage furnace

Premium

80



20-year non-prorated limited warranty on heat exchanger
5-year limited warranty on all other parts

- 3 Heavy steel insulated cabinet**
Holds more heat in the furnace and assures greater durability and quieter operation.
- 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 maximum heat possible while using less fuel. No service adjustment necessary.
- 7 Automotive-grade gaskets and insulated blower compartment**
Helps 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 20-year non-prorated, limited warranty.
- 9 Induced draft venting**
Quietly draws hot gases through the heat exchanger, maximizing the heat transfer efficiencies of the exchanger design.

High efficiency single-stage furnace

Freedom®

80

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 right or left
- Downflow/horizontal right or left
- Left/right gas and electrical hookups

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
- 80% 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
- Integrated furnace control
- Aluminized steel 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 80 High Efficiency Single-Stage Upflow Horizontal						
AUD1A040A9H21B	80.0	32,000	40.00	14.50	28.00	2.0
AUD1B060A9H31B	80.0	47,000	40.00	17.50	28.00	3.0
AUD1B080A9H31B	80.0	63,000	40.00	17.50	28.00	3.0
AUD1C080A9H41B	80.0	64,000	40.00	21.00	28.00	4.0
AUD1B100A9H31B	80.0	79,000	40.00	17.50	28.00	3.0
AUD1C100A9H51B	80.0	79,000	40.00	21.00	28.00	5.0
AUD1D120A9H51B	80.0	96,000	40.00	24.50	28.00	5.0
AUD1D140A9H51B	80.0	111,000	40.00	24.50	28.00	5.0
FREEDOM 80 High Efficiency Single-Stage Downflow Horizontal						
ADD1B060A9H31B	80.0	48,000	40.00	17.50	28.00	3.0
ADD1B080A9H31B	80.0	64,000	40.00	17.50	28.00	3.0
ADD1C100A9H51B	80.0	81,000	40.00	21.00	28.00	5.0
ADD1D120A9H51B	80.0	96,000	40.00	24.50	28.00	5.0