

**90+ AFUE**

Gas Furnaces



A SMART CHOICE FOR EFFICIENCY AND EXCEPTIONAL OPERATION, EVEN IN THE COLDEST CLIMATES.

# BUILT FOR LIFE. YOURS.

**AIREASE**

**AIREASE®**

Built for life. Yours.





## Delivering consistent comfort and peace of mind

Since 1928, we've been providing homeowners with reliable, well-built heating and cooling products that make life easier and more comfortable.

Thoughtfully designed, our AirEase™ line of gas furnaces offers an impressive array of technology that makes them extremely quiet, dependable and energy efficient. So you can enjoy peace, quiet and comfort every day of every year.

## HVAC experts you can trust

Your comfort is our priority. Your AirEase Dealer will take the time to understand your comfort needs. They know you want the best performance, value and dependability from your heating system, and they have the products and expertise to satisfy these demands. That means you can rely on your AirEase Dealer to help you to find exactly the right comfort solution for your home and your lifestyle.

# Creating the ideal environment.

Choosing the right heating and cooling system for your home environment is a big decision. Your AirEase™ Dealer can help you create the right system for your home comfort needs. To help you make the best and smartest system choice, here are a few things to consider:



## **Efficiency**

It's pretty simple. A high-efficiency system helps lower your monthly utility bills. Efficiency is measured in AFUE (Annual Fuel Utilization Efficiency)—the higher this number, the greater the efficiency. Replacing an older unit with a 90%+ AFUE unit or higher can increase performance and start saving you money.



## **Reliability**

You can always count on your AirEase unit. Our EHX™ Technology and unique burner design work together to deliver premium performance and even heat exchange, which will extend the life of your furnace.



## **Air Quality**

Where you live matters. Your family's sensitivity to a host of natural and man-made allergens means enhanced air quality is all the more critical in your home. And don't forget humidity levels when you're considering the ideal system for year-round comfort.



## **Peace of Mind**

More control over your comfort—that's our commitment to you. You can see it in our craftsmanship and technology—like our proprietary Comfort Sync® controls, which allow you to easily monitor your unit's performance and enjoy maximum comfort in your home.



## **Noise Reduction**

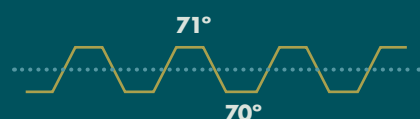
Comfort and performance also include quiet operation of your system. Enjoy quieter start-up and operation with our Quiet Combustion™ Technology.



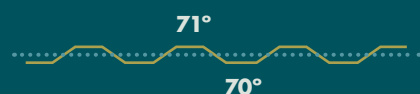
## Furnace System Basics

The most common type of system pairs an interior gas furnace with an exterior air conditioner. Furnaces can also be paired with a heat pump, which is then called a dual-fuel system. Matching your furnace with a compatible AirEase™ air conditioner or heat pump will generate optimum efficiency and ideal system performance.

### How gas valves affect temperature control



**Single-Stage:** A reliable, single-stage gas valve provides a consistent gas flow to maintain temperature.



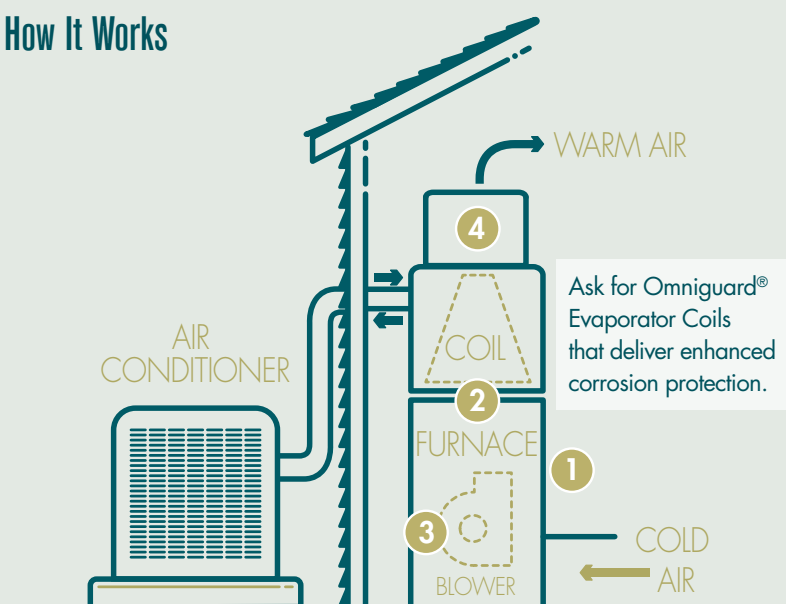
**Two-Stage:** Two-stage gas valve provides a boost in heating, when needed, to enhance comfort.



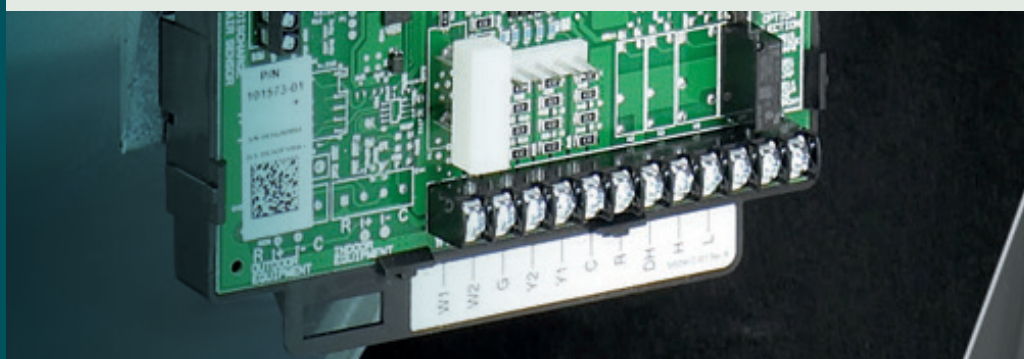
**Modulating:** The gas valve constantly adjusts heating capacity to create even temperatures throughout your home, while also being the most efficient.



## How It Works



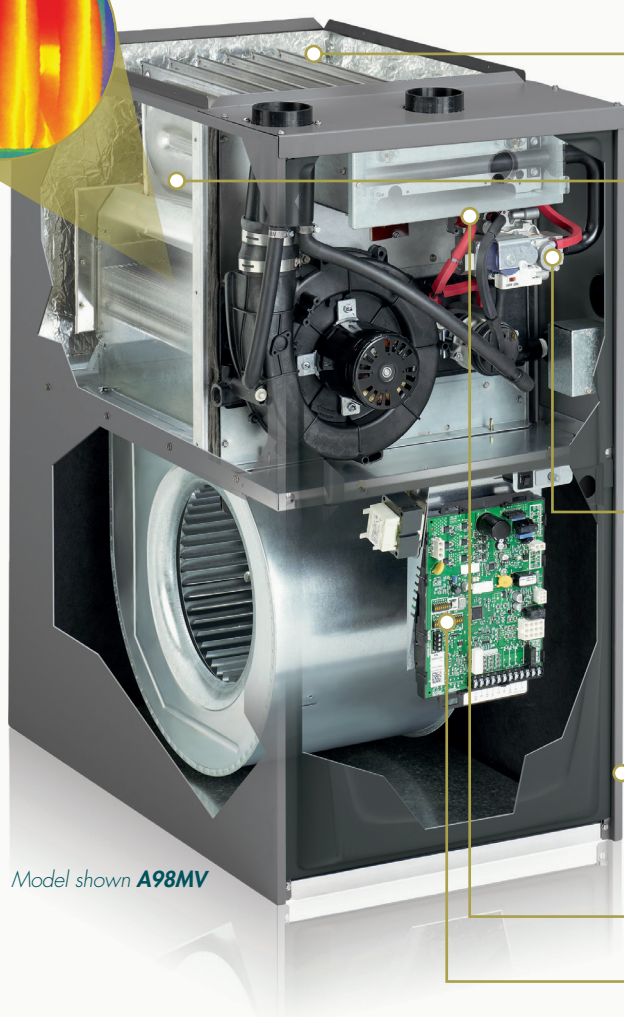
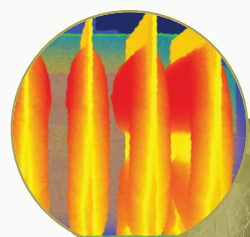
1. When it gets cold inside your home, your thermostat automatically activates your gas furnace to compensate.
2. The burners ignite the gas and create warm air in the heat exchanger.
3. The blower turns on and forces the warm air throughout your home via ducts.
4. Warm air is circulated throughout your home until the desired temperature is achieved.





# Technology designed with your comfort in mind.

Inside every AirEase™ gas furnace, you'll find a high level of technology and craftsmanship, backed by a Lifetime Limited Warranty on the heat exchanger.\*



Model shown **A98MV**

## Advanced Heat Exchanger:

Made from stainless steel for maximum strength and crimped rather than welded, AirEase heat exchangers are highly resistant to thermal fatigue and other stresses caused by repeated heating and cooling. During the testing process, they are subjected to temperatures that far exceed normal operating ranges, to ensure they will stand up to decades of use.

## EHX™ Technology:

Every AirEase furnace is engineered and built with EHX™ Technology, a patented design that eliminates the hot spots that can shorten furnace life. EHX Technology™ makes heat exchangers more durable, and with its advanced airflow system, more air contacts the heat exchanger surface area for greater heat transfer into the home, enhancing efficiency and comfort.

## Modulating Gas Valve:

Highly precise system combines a modulating gas valve with variable-speed technology\*\* to deliver consistent temperatures while saving energy. It constantly varies heat and airflow in increments as small as 5%, responding to outdoor conditions and household comfort needs. By comparison, a typical single-stage furnace operates at full heating capacity every time it cycles on.

## Noise Reduction:

Insulated cabinet prevents loss of warm air, while reducing noise from the motor.

## Quiet Combustion™ Technology:

Uses a lower Btu input per burner ensures quieter start-up and operation.

## Comfort Sync® Control Panel:

Our Pro Series™ communicating-enabled models provide benefits for installation and maintenance diagnostics, as well as full voice and app-control and precision zoning for complete comfort. \*\*\*

\*Product registration required. Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at [AirEase.com](http://AirEase.com).

\*\*A98MV only.

\*\*\*A972V and A98MV only.

# Advanced engineering delivers energy-saving performance.



## A98MV \*

### Professionals settle only for excellence

At 98% AFUE, the A98MV is the ideal choice for indoor comfort and money-saving efficiency. This ENERGY STAR®-certified furnace boasts a highly precise system combining a modulating gas valve with variable-speed blower technology for consistent temperatures and overall energy savings.

#### 98% AFUE

EHX™ Technology

Quiet Combustion™ Technology

Self-Diagnosing Control Board

#### Modulating Gas Valve

Variable-Speed Blower Motor

Comfort Sync® Enabled

Stainless Steel Heat Exchanger

Lifetime Warranty on Heat Exchanger\*

**Tax credit up to \$600\*\***

## A972V

### Trusted by professionals in the HVAC business



**AIREASE™** PRO SERIES

The Comfort Sync® enabled A972V offers remote access via smartphone, tablet or laptop. It contains a variable-speed blower, which allows the furnace to adjust humidity levels and create more even temperatures throughout your home, while also enhancing efficiency.

97% AFUE

EHX™ Technology

Quiet Combustion™ Technology

Self-Diagnosing Control Board

Two-Stage Gas Valve

#### Variable-Speed Blower Motor

Comfort Sync® Enabled

Stainless Steel Heat Exchanger

Lifetime Warranty on Heat Exchanger\*

**Tax credit up to \$600\*\***

## Make the Most of Your Gas Furnace

The Comfort Sync® A3 Ultra-Smart Thermostat unlocks the full potential of your AirEase™ Pro Series™ system. Working together, they deliver enhanced comfort control, optimum system performance and maximum energy efficiency. Using the Comfort Sync app,\*\* the thermostat can be controlled from anywhere, at any time. The Comfort Sync A3 also works with Alexa\*\*\* and Google† Assistant, and can be controlled using voice commands.

\* Ultra low NOx (14ng/J) compliant available. Due to our policy of continuous improvement, specifications are subject to change without notice.

\*\* App requires Wi-Fi or cellular data service.

\*\*\* Comfort Sync® A3 is compatible with Armstrong Air HVAC products and requires separate purchase of Amazon Echo or Echo Dot. As of the date of this publication, Amazon Echo devices are not available for purchase in all countries. This reference is intended for use with U.S.-based thermostats only. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

† Google is a trademark of Google LLC.





# Enjoy reliable, efficient warmth all winter long.

## A972E

**A standout  
choice of  
industry  
experts**



The two-stage heating of the A972E can adjust its heat output based on conditions inside and outside your home. So you use less energy while maintaining comfort.

### 97% AFUE

EHX™ Technology

Quiet Combustion™ Technology

Self-Diagnosing Control Board

### Two-Stage Gas Valve

Constant Torque Blower Motor

Stainless Steel Heat Exchanger

Lifetime Warranty on Heat Exchanger\*

**Tax credit up to \$600\*\***

## A961E

**Designed  
to deliver  
economical  
warmth**



The constant torque motor on the A961E provides an efficient, steady flow of air for more even temperatures. This ENERGY STAR®-certified furnace allows you to save on your utility bills all year long and may qualify for local incentives.

### 96% AFUE

EHX™ Technology

Quiet Combustion™ Technology

Self-Diagnosing Control Board

Single-Stage Gas Valve

Constant Torque Blower Motor

**Stainless Steel  
Heat Exchanger**

Lifetime Warranty on Heat Exchanger\*

## A931E

**Smart  
design  
for more  
efficiency**

Featuring a constant torque motor, the A931E delivers energy-saving efficiency and steady air flow for more even temperatures.

### 93% AFUE

EHX™ Technology

Quiet Combustion™ Technology

Self-Diagnosing Control Board

Single-Stage Gas Valve

Constant Torque Blower Motor

Lifetime Warranty on Heat Exchanger\*

Gas furnaces with an AFUE rating of 97% or greater qualify for a \$600 tax credit through the Inflation Reduction Act of 2022. Combine it with a qualifying heat pump and get up to \$2,600 in tax credits.



Efficiency



Reliability



Air Quality



Peace of Mind



Noise Reduction



		<b>AIREASE<sup>®</sup> PRO SERIES</b> Maximum control, precision and efficiency	<b>AIREASE<sup>®</sup> PRO SERIES</b> Enhanced performance and features	Advanced design, proven performance	Higher efficiency and economical warmth	Improved efficiency and steady airflow
Features		A98MV	A972V	A972E	A961E	A931E
AFUE		98%	97%	97%	96%	93%
Blower Motor	VariableSpeed	●	●			
	Constant Torque			●	●	●
Gas Valve	Modulating	●				
	2-Stage		●	●		
	1-Stage				●	●
Comfort Sync <sup>®</sup> Enabled		●	●			
ENERGY STAR <sup>®</sup> Certified		●	●	●	●	
EHX <sup>™</sup> Technology		●	●	●	●	●
Primary Heat Exchanger Material	Stainless Steel	●	●	●	●	
	Aluminized Steel					●
Quiet Combustion <sup>™</sup> Technology		●	●	●	●	●
Self-Diagnosing Control Board		●	●	●	●	●
Warranty on Heat Exchanger *		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Qualifies for tax credit		●	●	●		

\* 10-year limited warranty on parts and a limited lifetime warranty on the heat exchanger. Product registration required. Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at AirEase.com.



**AIREASE<sup>®</sup>**

Built for life. Yours.

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Due to our policy of continuous improvement, specifications are subject to change without notice.

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California Only

This furnace does not meet the South Coast Air Quality Management District (SCAQMD) Rule 1111 NOx emission limit (14 ng/J) and cannot be installed in the SCAQMD.

If installed in San Joaquin Valley Air Pollution Control District (SJVAPCD) only: This furnace does not meet the SJVAPCD Rule 4905 NOx emission limit (14 ng/J), and thus is subject to a mitigation fee of up to \$450.

