

Energy-Efficient Gas Furnaces
90+% and 80% AFUE Models

Take Comfort.
It's an Amana brand.



R-32 MODELS

Amana is a registered trademark of Maytag Corporation or its related companies and is used under license. All rights reserved.



Premium Amana
Brand Quality

Reliability and Performance
You Can Trust



A LEGACY OF COMFORT

The impeccable reputation of
an American original

Amana brand heating and cooling systems are a part of the enduring legacy of one of America's most recognized and respected brands. Originating eight decades ago in Amana, Iowa, the brand is synonymous with long-lasting, premium quality products — from home appliances to heating and air conditioning equipment. Chances are, you and generations before you have enjoyed the dependable performance and longevity the Amana brand continues to deliver.

1954

Amana brand's version
of the room air conditioner
introduced.



1967

Brought the first consumer
microwave to the market.
The Radarange® microwave.



1997

Goodman Global, Inc.
purchased Amana
brand's heating and
AC business unit.

Heating & Air Conditioning
Amana



2015

Daikin introduces its
inverter technology
into Amana brand
premium cooling
products.



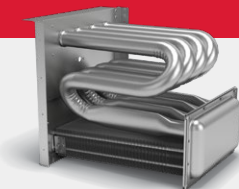
1934

Amana brand is founded by
George Foerstner in Middle
Amana, Iowa.



1957

First bottom-
freezer refrigerator.



1986

Amana brand invents
revolutionary tubular
heat exchanger
for gas furnaces.

DAIKIN

2012

Daikin Industries,
Ltd. acquired Goodman
Global, Inc.

An American original

Amana brand's parent company has invested over \$400M in our state of the art production facility on the outskirts of Houston, TX. The Daikin Texas Technology Park is a sprawling campus covering more than 4 million sq. ft. with more than 4,000 personnel. The facility practices Daikin's philosophy of a full 360 degree focus to research and development, manufacturing quality and reliability, robust sales networks and extensive support infrastructure.



ComfortBridge™

2018

ComfortBridge technology is introduced and factory-installed in select gas furnaces and air handlers

R32

2024

Complete redesign of Amana brand units to support R-32 refrigerant.



2017

Daikin Texas Technology Park commenced operations just outside of Houston, Texas.

2022

Launch of the Amana brand S-series side discharge system and Amana brand smart thermostat.



Indoor heating and cooling systems from a home-grown brand

Today, Amana brand heating and air conditioning is part of one of the leading manufacturers of energy efficient residential, commercial and industrial HVAC systems and refrigerants. The brand has access to global resources and support to ensure that outstanding technology, manufacturing processes, testing and product limited warranties* are applied in all products.

* Complete warranty details available from your local dealer or at www.Amana-hac.com.



Heating & Air Conditioning
Amana
AMERICA'S BRAND FOR COMFORT



RELAX. IT'S AN AMANA BRAND.



The purchase of an indoor comfort system is not one to be taken lightly. However, it's one you can make with an air of confidence when you consider all that distinguishes the venerable Amana brand.

Experience the Next Level of Comfort with Amana brand's R-32 HVAC Products!

Get ready to redefine your home comfort with Amana brand's cutting-edge R-32 HVAC products, designed for today's homeowner. Leveraging generations of comfort and craftsmanship, our latest innovations blend our traditional quality with modern, innovative technology.

Why Choose Amana Brand HVAC Products?

- **Innovative and Modern Comfort:** Every Amana brand product is engineered to deliver ultimate comfort and efficiency. With sleek designs and cutting-edge technology, our HVAC systems integrate seamlessly into any home aesthetic.
- **Comfort with a Twist:** Our new R-32 products elevate your home to modern comfort standards. With a lower global warming potential (GWP) than traditional refrigerants, like R-410A, R-32 refrigerant has a lower impact on the environment making it a sustainable choice.
- **A Legacy of Craftsmanship:** For decades, Amana brand has been synonymous with durability and reliability in home comfort. Our products are built with a heritage of quality that stands the test of time.
- **Reliability:** Your peace of mind is important to us. Amana brand products are tested to ensure they deliver reliable performance year after year.
- **Impressive Limited Warranties:** Confidence in our products allows us to provide outstanding limited warranty* protection. When you choose Amana brand, you know your investment is backed.

* Complete warranty details available from your local dealer or at www.amana-hac.com



Trust the experts

Your local Amana brand dealer plays a critical role in ensuring that your household's heating and air conditioning needs are met. That is why we are excited to work with an extensive network of local HVAC professionals that distinguish themselves based on their customer service, business standards and technical competency. Please ask your local Amana brand dealer about why they can provide you with outstanding service and support, as well as industry leading Amana brand products.





MODULATING MULTI-SPEED AND VARIABLE-SPEED AMANA BRAND GAS FURNACES

Amana brand premium gas furnace advantages:[†]

- ✓ Efficiency rating up to 97.5% AFUE
- ✓ Modulating and variable-speed models
- ✓ *ComfortBridge™* or Amana brand smart thermostat compatible
- ✓ *CoolCloud™* HVAC app compatible
- ✓ Stainless-steel, dual-diameter tubular primary heat exchanger
- ✓ Stainless-steel secondary heat exchanger
- ✓ Exclusive convertible technology (select models)
- ✓ Durable post-painted finish
- ✓ Corrosion-resistant vent blower
- ✓ Electronic ignition control
- ✓ Multi- or variable-speed blowers
- ✓ Fully-insulated cabinet

Tubular innovation

Our engineers pioneered and perfected the tubular heat exchanger design. You see, not all tubular designs are created equal. The Amana brand heat exchanger has the benefit of quality materials and advanced technologies that makes it amazingly durable.

Wrinkle-bend technology

How the tubes in a tubular heat exchanger are bent is critical. Some competitors may simply bend the tubing, thus stretching the metal on the outside of the tube while compressing the metal on the inside. Our process carefully forms the tubing with precisely placed wrinkles to reduce the likelihood of weak points in the metal. And the wrinkles have an added benefit: they cause turbulence inside the tube, forcing more heat to the tube walls for outstanding efficiency.

The making of the Amana brand heat exchanger

Without question, one of the most critical parts of any gas furnace is the heat exchanger. That's why we have invested so much time designing, engineering and manufacturing a heat exchanger that is efficient and has a long service life.

The Amana brand heat exchanger is made of 409 stainless-steel tubing and is formed using a precisely engineered process. This manufacturing technology makes the difference of an Amana brand heat exchanger.



[†] Not all features are available on all models.





LET'S TAKE A CLOSER LOOK

When the time comes to replace your old, worn-out furnace; you should choose to go with a name you know, like the Amana brand, one of America's most trusted and enduring consumer brands. Yet, peace of mind isn't all that you'll enjoy with an Amana brand furnace. Enjoying reliable, energy-efficient warmth in your home when it's cold outside

is but one way Amana brand furnaces can bring comfort to you and your family. It may also warm your heart to know that indoor comfort is being delivered by one of the country's most trusted and enduring consumer brands. But that's not all that distinguishes the venerable Amana brand. Let's take a closer look at the Amana brand furnaces:

PREMIUM 90+% AFUE FURNACE FEATURES[†]

1 Primary tubular stainless – steel heat exchanger for outstanding durability and heat transfer.

2 Secondary stainless – steel heat exchanger for increased efficiency and additional comfort as compared to models with only a primary heat exchanger.

3 Efficient and quiet variable – speed motor gently ramps up or down according to furnace performance demand.

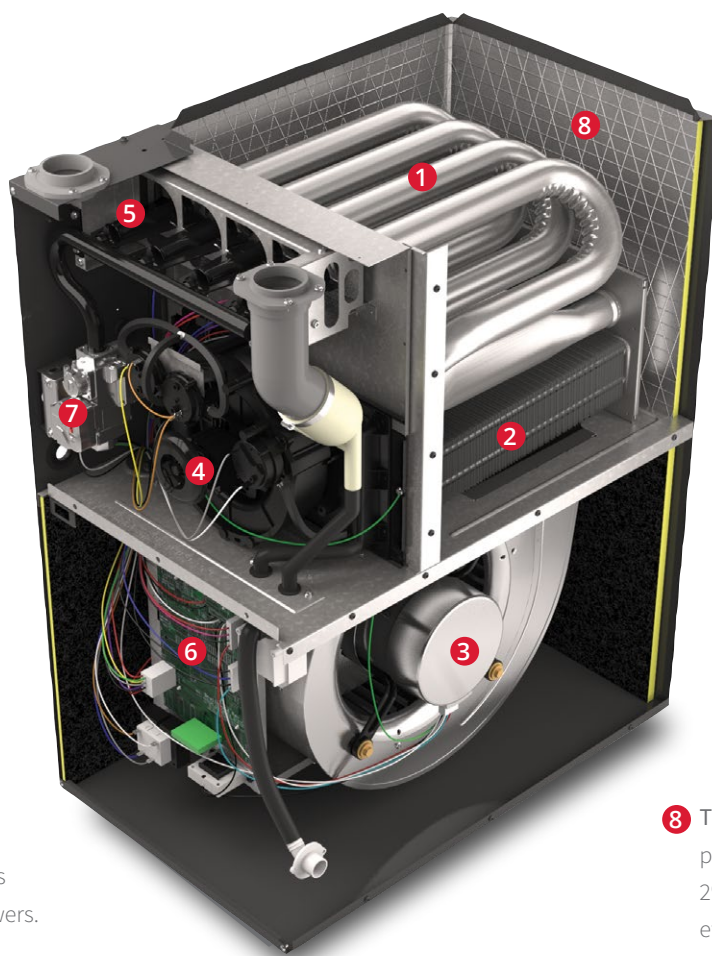
4 Quiet, variable – speed induced draft blower provides precise control and enhanced energy-efficient performance as compared to single-speed blowers.

5 Durable silicon nitride igniter eliminates the need for an energy – wasting pilot light.

6 Self-diagnostic control board continuously monitors the system for consistent, reliable operation.

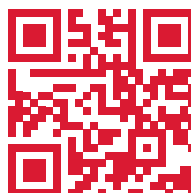
7 Premium high-efficiency gas valve*
* Modulating models include self-calibrating valves.

8 Thermal insulated cabinet provides air leakage of less than 2% to maximize heat transfer efficiency and lower blower noise.



[†] Features/technology vary by model

LEARN MORE AT
www.amana-hac.com



80% AFUE FURNACE FEATURES[†]

1 Primary tubular stainless-steel heat exchanger for outstanding durability and heat transfer.

2 Efficient and quiet variable-speed motor gently ramps up or down according to furnace performance demand.

3 Quiet, variable-speed induced draft blower provides precise control and enhanced energy-efficient performance as compared to single speed blowers.

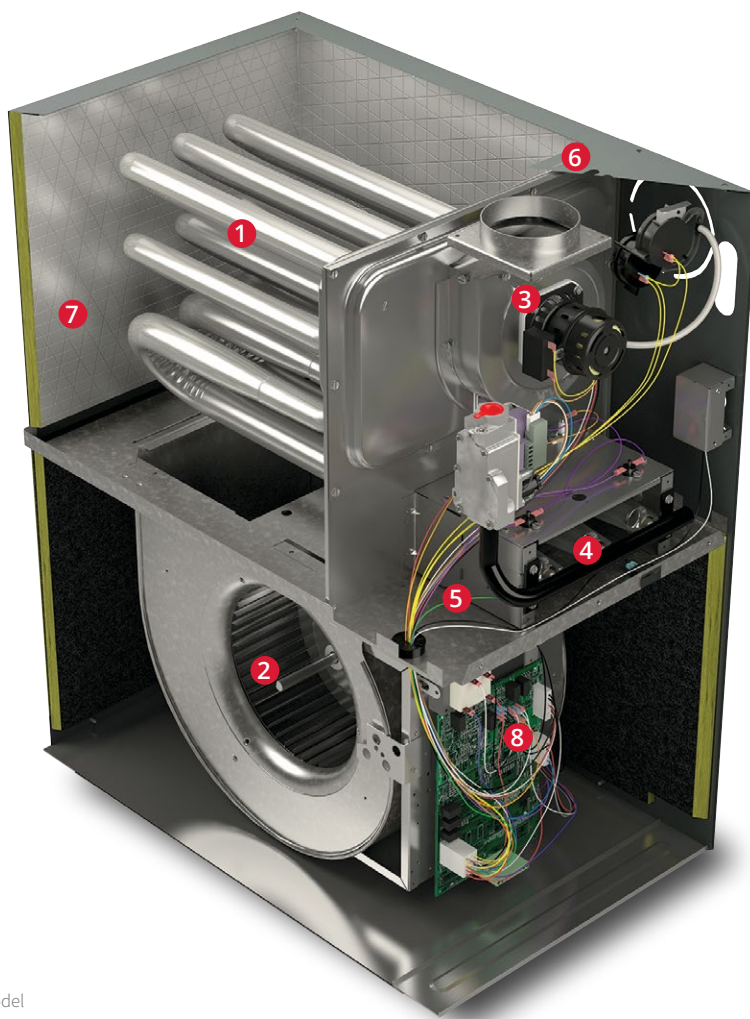
4 Durable silicon nitride igniter eliminates the need for an energy-wasting pilot light.

5 Self-diagnostic control board continuously monitors the system for consistent, reliable operation.

6 Heavy-gauge steel cabinet with durable baked-enamel finish resists corrosion and protects essential components.

7 Thermally insulated cabinet – The fully-insulated cabinet means air leakage of less than 2% to maximize heat transfer efficiency and lower blower noise.

8 Two-stage gas valve reduces energy needed during moderate demand to deliver outstanding comfort and efficiency as compared to single-stage gas valves.



[†] Features/technology vary by model



CONNECTED TECHNOLOGY

Introducing the Amana brand smart thermostat*.

The Amana brand smart thermostat is compatible with all Amana brand communicating equipment. You and your family can control your indoor comfort with ease through the stylish capacitive touchscreen.

You will appreciate the feature-rich design and intuitive functionality the Amana brand smart thermostat enables the use of non-Amana branded comfort solutions such as humidifiers, external dehumidifiers, or secondary heat source through

an auxiliary output. The Amana brand smart thermostat is also compatible with the Amana brand home app for end-user control from your smart phone, as well as voice control compatibility with Amazon and Google smart devices (with Wi-Fi).

* The Amana brand smart thermostat is a ClimateTalk™ protocol device and is not compatible with ComfortBridge™.

Amazon, Alexa, and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Google, Google Assistant, and all related logos are trademarks of Google, or its affiliates.



Connected Comfort

Amana brand Cloud Services connects your HVAC system to Daikin Comfort Technologies cloud (Via internet connection), and when enabled by you, connects your system to your servicing contractor. You will enjoy peace of mind not only from verification of system installation†, but from a 24/7 – 365 connection to Daikin Comfort Technologies cloud**, the knowledge that your system performance is followed by Daikin, and your servicing contractor has access to system health alerts, performance insights, diagnostics, and even remote access to your system(s) settings – with your approval.

† *Quality Install* verifies system installation of Daikin, Amana, and Goodman unitary inverter products

** Requires continuous internet connection



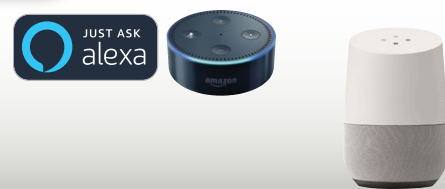
Direct control



App control



Voice control



Bridging indoor comfort
with smart technology



When your new air conditioner or heat pump is paired with a select Amana brand gas furnace with *ComfortBridge™* technology, performance data from the split system is gathered and used to make automatic adjustments that may help reduce the amount of energy used to cool your home.

Always in pursuit of innovative ideas, our engineers have designed *ComfortBridge* technology to help your entire HVAC system cost-effectively operate at peak performance — providing consistent energy-efficient home comfort. *ComfortBridge* technology works with any single-stage thermostat to help create customized indoor comfort specifically for you and your family.

* The Amana brand smart thermostat is a ClimateTalk protocol device and is not compatible with ComfortBridge.

Our complete family of Clean Comfort[®] products helps to improve indoor air quality.

Clean Comfort Indoor Air Essentials can help improve the quality and comfort of your home's indoor air. Components can be installed on virtually any brand of HVAC equipment in any home or installation.

LEARN MORE AT
www.cleancomfort.com



Filtration

An effective air filter can help improve indoor air quality by filtering particles from the air. High-efficiency particulate air (HEPA) type air purifiers offer a bypass filtration. Media air cleaners are a more efficient and convenient way to clean the air than standard HEPA filters. Both options can help to remove dust, lint, and other particulates commonly found in the home.



Humidification

Whole-home humidifiers add moisture to the conditioned air flowing through the home. Premium steam humidifiers help maintain comfortable humidity levels utilizing electrode and canister technology. Evaporative humidifiers use the warm furnace air to circulate evaporated moisture.



Dehumidification

Whole-home dehumidifiers remove moisture from your home's air, helping to keep the indoor environment comfortable. The dehumidifier can work in conjunction with your central AC system or independently as needed, automatically maintaining suitable year-round humidity levels.



Purification

Air purification systems are attached to the furnace or air handler and can help improve indoor air quality before the air is recirculated back into the home..



Ventilation

Heat Recovery Ventilators (HRV) and Energy Recovery Ventilators (ERV) offer a simple, energy-efficient solution for ventilating well-insulated homes. HRV and ERV products keep you comfortable efficiently by using the stale indoor air exhaust to condition fresh incoming air.



Zoning

A zoned residential HVAC system redirects air to specific areas of the home, allowing for the creation of customized temperature zones for increased comfort. Advanced, integrated controls monitor the system static pressure to reduce air noise and assures adequate system airflow.

CLEAN COMFORT[®]
INDOOR AIR ESSENTIALS

PURE. CLEAN. AIR.



90+% AFUE FURNACE SPECIFICATIONS

90+% AFUE											
MODELS	ARVM97 [™]	ADVM97 [™]	ARVT96 [™]	ADVT96 [™]	ARVS96-U [™]	AR9T96	AD9T96	AR9S96	AR9S96-U [†]	AD9S96	AR9S92
R-32 Ready?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Will it work with an R-410A system?	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible
10-Year Unit Replacement Limited Warranty*	•	•	•	•	•	•	•	•	•	•	N/A
20-Year Heat Exchanger Limited Warranty + One-Time Heat Exchanger Limited Warranty [†] (Years 21-99)	•	•	•	•	•	•	•	•	•	•	•
10-Year Parts Limited Warranty [‡]	•	•	•	•	•	•	•	•	•	•	•
One-Time Unit Replacement (Years 11-99) by ASURE [§]	•	•	•	•	•	•	•	•	•	•	N/A
ComfortBridge [™] Compatible	•	•	•	•	•	N/A	N/A	N/A	N/A	N/A	N/A
AFUE	Up to 97%	Up to 97%	Up to 96%	Up to 96%	Up to 96%	Up to 96%	Up to 96%	Up to 97%	Up to 96%	Up to 96%	Up to 92%
Gas Valve Type	Modulating	Modulating	Two-Stage	Two-Stage	Single-Stage	Two-Stage	Two-Stage	Single-Stage	Single-Stage	Single-Stage	Single-Stage
Self-Diagnostics Control Board	•	•	•	•	•	•	•	•	•	•	•
Stainless Steel Tubular, Primary Heat Exchanger	•	•	•	•	•	•	•	•	•	•	•
Stainless Steel Secondary Heat Exchanger	•	•	•	•	•	•	•	•	•	•	•
Motor Type	Variable-Speed ECM	Variable-Speed ECM	Variable-Speed ECM	Variable-Speed ECM	Variable-Speed ECM	Multi-Speed ECM	Multi-Speed ECM	Multi-Speed ECM	Multi-Speed ECM	Multi-Speed ECM	Multi-Speed ECM
Silicon Nitride Igniter Type	•	•	•	•	•	•	•	•	•	•	•
Installation Options	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal
ENERGY STAR [®] Certified [‡]											NO

* Complete warranty details available from your local dealer or at www.amana-hac.com. Limited warranties vary by product model. To receive the 10-Year Unit Replacement Limited Warranty (good for as long as you own your home), the 99-Year Heat Exchanger Limited Warranty (good for as long as you own your home), and the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California, Florida, or Québec. The duration of warranty coverages in Texas and Florida differs in some cases. Changes in law, regulations, or technology may result in an equivalent unit not being available. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions, as well as rights and obligations should an equivalent unit not be available.

† One-time Unit Replacement coverage is available to the original homeowner for years 11-99 after the installation date through an ASURE Extend Service Plan. Complete details about the Extended Service Plan options available from your ASURE dealer.

‡ Sold in California only. All Ultra-Low NOx models comply with the 14 ng/J emission limit specified in the South Coast Air Quality Management District (SCAQMD) Rule 1111 and San Joaquin Valley Air Pollution Control District (SJVAPCD) Rule 4905. Learn more at www.aqmd.gov and www.valleyair.org.

§ Compatibility with the Amana brand smart thermostat and other Amana brand communicating equipment.

‡ **ENERGY STAR**[®] and the **ENERGY STAR**[®] mark are registered trademarks owned by the U.S. Environmental Protection Agency. **ENERGY STAR**[®] products are third-party certified by an EPA recognized Certification Body. Products that earn the **ENERGY STAR**[®] prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency.

DID YOU KNOW:

Energy efficiency equates to cost savings. A gas furnace's efficiency rating can primarily be determined by two factors: its AFUE rating (Annual Fuel Utilization Efficiency), which indicates what percentage of each dollar of natural gas purchased is actually used to heat your home; and the type of blower used in the furnace. When you choose an Amana brand furnaces with an AFUE rating of 90+% or more, your gas furnace is performing at the top of its class.

80% AFUE FURNACE SPECIFICATIONS

UP TO 80% AFUE								
MODELS	ARVT80 ^{**}	ADVT80 ^{**}	ARVS80-U ^{***}	AR9T80	AD9T80	AR9S80	AR9S80-U [†]	AD9S80
R-32 Ready?	YES	YES	YES	YES	YES	YES	YES	YES
Will it work with an R-410A system?	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible
10-Year Unit Replacement Limited Warranty [‡]	•	•	•	•	•	N/A	•	N/A
20-Year Heat Exchanger Limited Warranty + One-Time Heat Exchanger Limited Warranty [‡] (Years 21-99)	•	•	•	•	•	•	•	•
10-Year Parts Limited Warranty [‡]	•	•	•	•	•	•	•	•
One-Time Unit Replacement (Years 11-99) by ASURE [§]	•	•	•	•	•	N/A	•	N/A
ComfortBridge™ Compatible	•	•	•	N/A	N/A	N/A	N/A	N/A
Self-Diagnostics Control Board	•	•	•	•	•	•	•	•
Stainless Steel Tubular, Dual-Diameter Primary Heat Exchanger	•	•	•	•	•	•	•	•
Gas Valve Type	Two-Stage	Two-Stage	Single-Stage	Two-Stage	Two-Stage	Single-Stage	Single-Stage	Single-Stage
Motor Type	Variable-Speed ECM	Variable-Speed ECM	Variable-Speed ECM	Multi-Speed ECM	Multi-Speed ECM	Multi-Speed ECM	Multi-Speed ECM	Multi-Speed ECM
Igniter Type	Silicon Nitride	Silicon Nitride	Silicon Nitride	Silicon Nitride	Silicon Nitride	Silicon Nitride	Silicon Nitride	Silicon Nitride
Installation Options	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal	Upflow Horizontal	Downflow Horizontal

Complete warranty details available from your local dealer or at www.amana-hac.com. Limited warranties vary by product model. To receive the 10-Year Unit Replacement Limited Warranty (good for as long as you own your home), the 99-Year Heat Exchanger Limited Warranty (good for as long as you own your home), and the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California, Florida, or Québec. The duration of warranty coverages in Texas and Florida differs in some cases. Changes in law, regulations, or technology may result in an equivalent unit not being available. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions, as well as rights and obligations should an equivalent unit not be available.

[§] One-time Unit Replacement coverage is available to the original homeowner for years 11-99 after the installation date through an ASURE Extended Service Plan. Complete details about the Extended Service Plan options available from your ASURE dealer.

[†] Sold in California only. All Ultra-Low NOx models comply with the 14 ng/J emission limit specified in the South Coast Air Quality Management District (SCAQMD) Rule 1111 and San Joaquin Valley Air Pollution Control District (SJVAPCD) Rule 4905. Learn more at www.aqmd.gov and www.valleyair.org.

^{**} Compatibility with the Amana brand smart thermostat and other Amana brand communicating equipment.





ASURE EXTENDED SERVICE PLAN

Asure EXTENDED SERVICE PLAN

How Affordable is ASURE?

Isn't your comfort worth only pennies a day? ASURE eliminates the cost of unbudgeted system repairs. ASURE's got you covered today and for years into the future, no matter how much the cost of a service call may increase during that time.

Worry-free coverage.

An ASURE Extended Service Plan gives you the peace of mind that you won't be faced with unexpected repair or part replacement costs for your heating and air conditioning system. We give you comfort, knowing you and your family won't have to endure any long periods without heating or cooling – you're covered!

The ASURE Extended Service Plan complements the standard product limited warranty* by providing labor coverage and additional years of parts coverage, based on the plan selected. Your ASURE dealer can provide you with details on the different coverage options available.

What does the plan cover?

The ASURE Extended Service Plan provides extended coverage for all functional parts of your newly-installed Amana brand air conditioning and heating equipment. If a repair is needed, an authorized ASURE dealer will respond promptly and make repairs with quality Amana brand specific parts.

* Complete warranty details available from your local dealer or at www.Amana-hac.com.



Talk to your Dealer about
Financing Options.



REPAIR OR REPLACE?

With the help and support of your local Amana brand dealer, you are preparing to make the decision whether it's best to repair or replace the old heating and/or cooling system. As you prepare to make this decision be certain to consider these options:

- Energy-efficient performance of a new unit can help lower utility bills
- Low Global Warming Potential (GWP) refrigerant
- Ideal indoor comfort levels of a new system with communicating capabilities
- Consistent indoor comfort with a new variable-speed (inverter) system
- Initial costs associated with repairing your current system
- Cost of purchasing a new heating and cooling system

Please find the Repair vs. Replace Worksheet below helpful through your decision-making process with your local Amana brand dealer.

Repair **vs.** Replace Worksheet

CURRENT SYSTEM				
	AIR CONDITIONER	HEAT PUMP	GAS FURNACE OR AIR HANDLER	INDOOR COIL
Brand Name				
Age of Unit				
Warranty Coverage				
Efficiency Rating				
Refrigerant Type				
Type of Thermostat				
Estimated Life Expectancy				
Estimated Monthly Cost to Operate				
Annual Maintenance Cost Estimate				

NEW SYSTEM				
	AIR CONDITIONER	HEAT PUMP	GAS FURNACE OR AIR HANDLER	INDOOR COIL
Brand Name				
Age of Unit				
Warranty Coverage				
Efficiency Rating				
Refrigerant Type				
Type of Thermostat				
Estimated Life Expectancy				
Estimated Monthly Cost to Operate				
Annual Maintenance Cost Estimate				



Amana brand products average 4.6 out of 5 stars in homeowner satisfaction with thousands of reviews captured on Amana brand Heating and Air Conditioning products*.

* Collected reviews from Bazaarvoice

Don't just take our word for it...

See the reviews on
www.amana-hac.com/reviews.

AMANA® BRAND IS SOCIAL!

 Like us on **Facebook!**
facebook.com/AmanaHVAC

 Follow us on **Twitter!**
twitter.com/Amana_HVAC

 Follow us on **Instagram!**
instagram.com/Amana_HVAC

www.amana-hac.com

Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

WARNINGS:

Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.

Use only those parts and accessories supplied or specified by the manufacturer. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.

Read the Product Manuals carefully before using this product. The Product Manuals provide important safety instructions and warnings. Be sure to follow these instructions and warnings.

For any inquiries, contact your local Amana brand sales office.

R32