

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

Take Comfort.  
It's an **Amana** brand.



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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.



**2015**

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



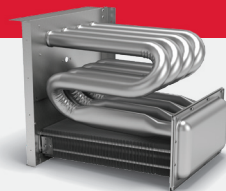
**1934**

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.



**2012**

Daikin Industries, Ltd. acquired Goodman Global, Inc.

## An American original brand continues to invest in the USA

While many other HVAC manufacturers have moved, or are planning to move production outside of the United States, 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.

### 2018

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



### 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 the best 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](http://www.Amana-hac.com).





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# 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.

## Comforting craftsmanship

Innovative engineering, world-class manufacturing processes and the relentless drive to ensure each unit lives up to our uncompromising standards — these attributes define

the **Amana** brand and result in the premium performance homeowners have come to expect from an American legend. **Amana** brand products are America's brand for comfort.



## 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:<sup>†</sup>

- ✓ Efficiency rating up to 97% 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 unique 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 even greater 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 between many of our competitors' heat exchangers and an **Amana** brand exchanger.

<sup>†</sup> 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.

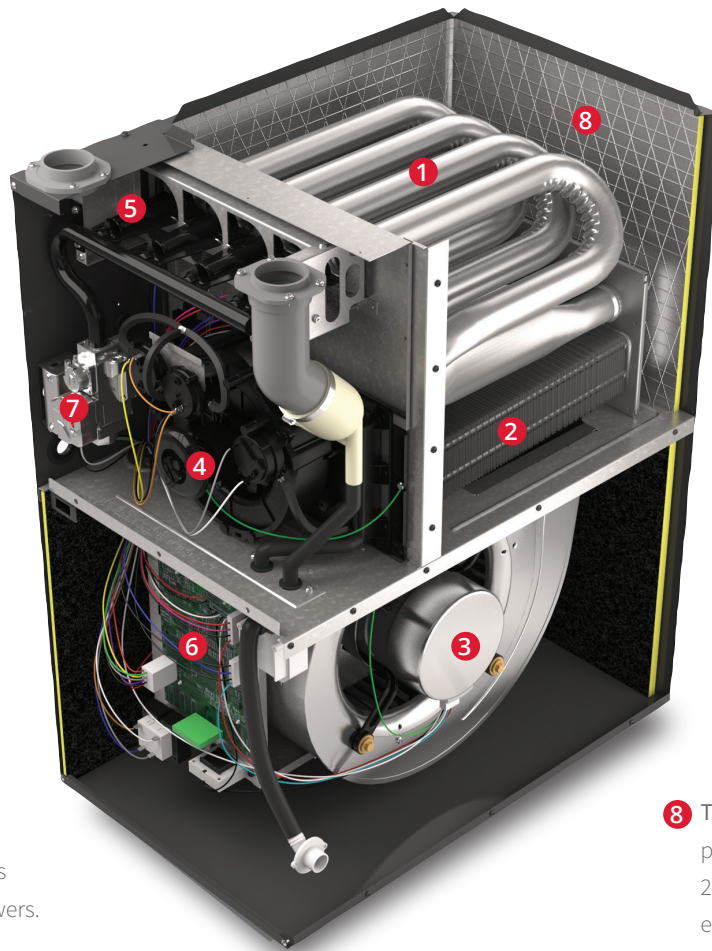
**4** Quiet, variable – speed induced draft blower provides precise control and enhanced energy-efficient performance as compared to single-speed blowers.

**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.

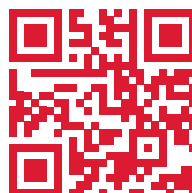
**7** Premium high-efficiency gas valve\*  
\* Modulating models include self-calibrating valves.

**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](http://www.amana-hac.com)





## 80% AFUE FURNACE FEATURES<sup>†</sup>

**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.

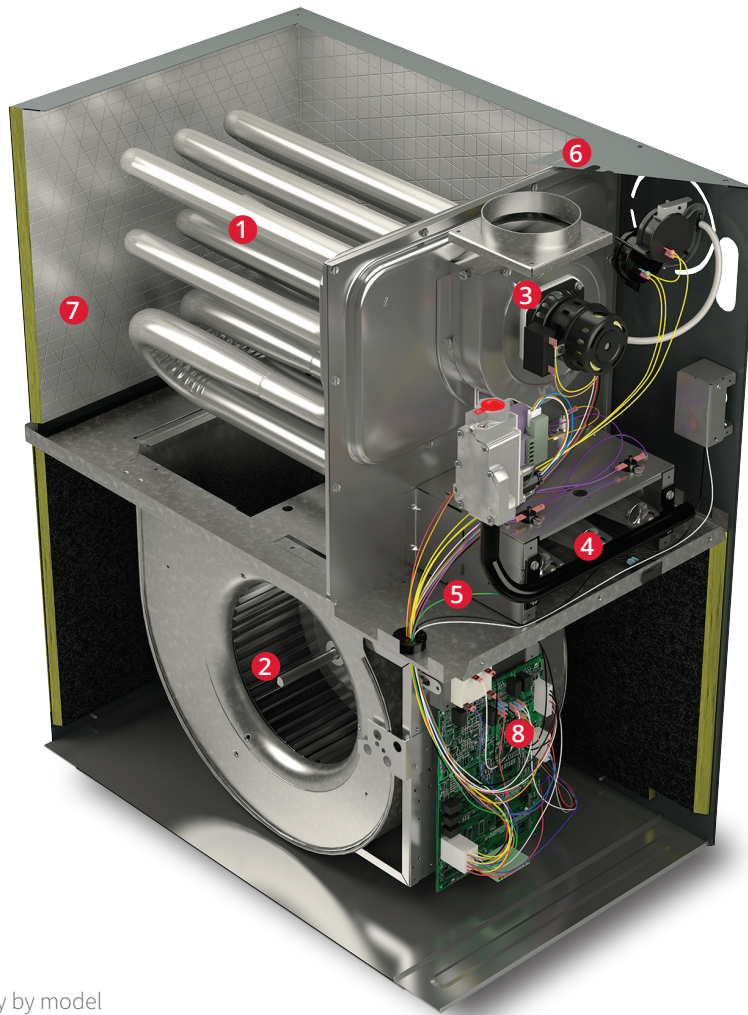
**4** Durable silicon nitride igniter eliminates the need for an energy-wasting pilot light.

**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.



<sup>†</sup> Features/technology vary by model



# CONNECTED TECHNOLOGY

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.

## Introducing the Amana brand smart thermostat\*.

The new **Amana** brand smart thermostat is compatible with all **Amana** brand communicating equipment. Homeowners can control their indoor comfort with ease through the stylish capacitive touchscreen.

Homeowners will appreciate the feature-rich design and intuitive functionality. A single

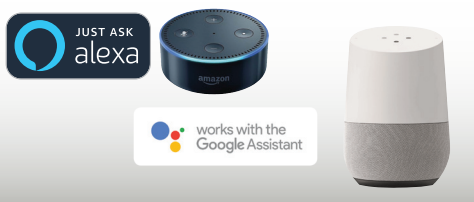
configurable auxiliary output allows control of an external humidifier, dehumidifier, or secondary heat source. The **Amana** brand smart thermostat is also compatible with the new **Amana** brand home app for end-user control from anywhere on their smart device, as well as voice control compatibility 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.



### Voice control



### Direct control



### App control



## 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](http://www.cleancomfort.com)



### Filtration

HEPA bypass filtration cleans air to a high-quality standard removing 99.97% of all particles as small as 0.3 microns. Media air cleaners are a more efficient and convenient way to clean the air than standard filters. Both options may help to remove dust, lint, and other particulates.



### Purification

Ultraviolet (UV) light is an effective method to inhibit the growth of microbes such as mold, bacteria, and viruses. Air purifiers harness the power of UV, increasing disinfection power in the airstream. UV coil purifiers bask the coil with UV light and help to keep the evaporator coil clean.



### 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.



### 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 and may save energy by using the stale indoor air exhaust to condition fresh incoming air.



### 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.

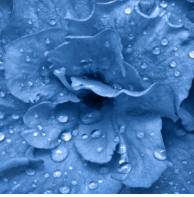


### Zoning











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 assure adequate system airflow.

## CLEAN COMFORT® INDOOR AIR ESSENTIALS

## PURE. CLEAN. AIR.



# 90+% AFUE FURNACE SPECIFICATIONS

	90+% AFUE										
MODELS	AMVM97**	ACVM97**	AMVC96**	ACVC96**	AMVS96-U**	AM9C96	AC9C96	AM9S96	AM9S96-U	AC9S96	AM9S92
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 96%	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 <sup>1</sup>											NO

<sup>1</sup> 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](http://www.aqmd.gov) and [www.valleyair.org](http://www.valleyair.org).

\*\*Compatibility with the **Amana**® brand smart thermostat and other **Amana** brand communicating equipment.

<sup>1</sup> **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

	80% AFUE							
MODELS	AMVC80**	ACVC80**	AMVS80-U**	AM9C80	AC9C80	AM9S80	AM9S80-U <sup>†</sup>	AC9S80
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

<sup>†</sup> 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](http://www.aqmd.gov) and [www.valleyair.org](http://www.valleyair.org).





# ASURE<sup>SM</sup> EXTENDED SERVICE PLAN

## Asure<sup>SM</sup> 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**<sup>®</sup> 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](http://www.Amana-hac.com).



### We have financing options.

Financing for your **Amana** brand home comfort system is available via EGIA. For more details and enrollment information, visit <https://amana.egia.org/> or call 888-691-0387.



# 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
- 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 4.7 out of 5 stars in homeowner satisfaction with thousands of reviews captured on Amana brand Heating and Air Conditioning products.

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

See the reviews on  
[www.amana-hac.com/reviews](http://www.amana-hac.com/reviews).

### AMANA® BRAND IS SOCIAL!

 Like us on **Facebook!**  
[facebook.com/AmanaHVAC](https://facebook.com/AmanaHVAC)

 Follow us on **Twitter!**  
[twitter.com/Amana\\_HVAC](https://twitter.com/Amana_HVAC)

 Follow us on **Instagram!**  
[instagram.com/Amana\\_HVAC](https://instagram.com/Amana_HVAC)

[www.amana-hac.com](http://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.



A DAIKIN BRAND

Our continuing commitment to quality products may mean a change in specifications without notice.

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