



Air Conditioning & Heating

80% AND 90%+ GAS FURNACES

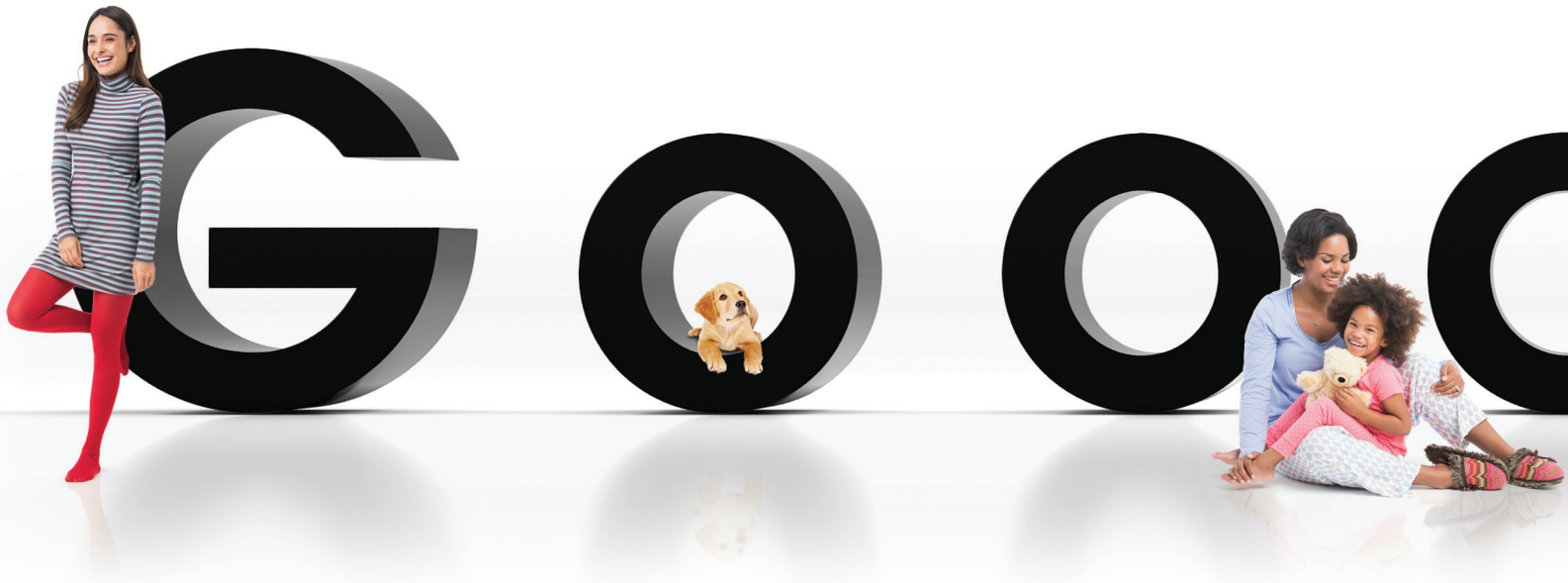


Thank goodness
for Goodman.[®]



R32

Trusted for **over 45 years.**



OUR HERITAGE.

In 1954, Harold V. Goodman, founder of Goodman, became an air conditioning contractor in the rapidly growing city of Houston, Texas. As the steamy Gulf Coast city grew, so did Harold's business, and by the late 1960s, he was one of the most successful HVAC contractors in the United States.

These same principles guide Goodman today. We remain focused on providing high-quality products at an affordable price, and protecting them with outstanding limited warranties*. This clear focus has led to Goodman being a leading unit manufacturer of residential and light commercial heating and air conditioning products and systems in North America.

DEDICATED TO YOUR COMFORT.

The best comfort system is the kind you don't have to worry about. It comes on the moment you need it and then runs quietly and efficiently all year long. Goodman brand systems are loaded with features designed to provide outstanding performance for years to come.

Our systems are priced to help add comfort to your budget from a local independent Goodman brand dealer. And that's only the beginning. We want you to smile every time you open your utility bill, so we design energy-efficient technology into our units.



* Complete warranty details available from your local dealer/contractor or at www.goodmanmfg.com.



BE GOOD TO YOURSELF.

Goodman is one of the biggest names in home cooling, heating and energy-efficient home comfort. That's because Goodman lives up to its name in a big way, with time-tested energy-efficient technology, highly durable materials and spot-on manufacturing. So, no matter where you live or whether your home is small or large, Goodman probably has a solution to help keep your home comfortable.

TRUST THE EXPERTS.

When selecting a new HVAC system, your local Goodman brand contractor will help you make the right choice. After all, they are the hardworking experts in the field who can accurately evaluate your specific needs and solutions. You may not know the brand of brake pads your trusted auto mechanic installed, but you trust your mechanic to make your vehicle perform the way it was meant to. You're in good hands with a Goodman brand contractor!

These guys are good – really good.





IS YOUR HVAC SYSTEM READY FOR AN UPGRADE?

Discover the Benefits of Goodman!

Are you looking to give your home's comfort a boost while transitioning to a lower global warming potential (GWP) refrigerant? It might be the perfect time to consider a fresh start with your heating and cooling system! In 2020, the U.S. Congress enacted the American Innovation and Manufacturing (AIM) Act to mandate the phase-down of Hydrofluorocarbons (HFCs). The AIM Act empowered the Environmental Protection Agency (EPA) to reduce HFC production and, among other advancements, usher in the use of lower GWP alternative refrigerants.

Goodman is here to make the transition smoother with our R-32 products – a choice that reflects our commitment to:

- ✓ **Low GWP:** R-32 not only has a lower GWP than previous refrigerants, but it is also a game-changer in refrigerants.
- ✓ **Ease of Access:** R-32 is readily available, ensuring a hassle-free upgrade for you.
- ✓ **Proven Performance:** Goodman's new line of R-32 products is designed to deliver optimal performance, for outstanding capacity and efficiency of your system.

Wondering if You Need a Full or Partial System Update? Why repairing may no longer be the best solution:

- Recharging your system with older refrigerants (such as R-410A) may be expensive as refrigerants are phased out.
- Multiple repair visits can be (and become more) costly as older system parts may be harder to find.
- Refrigerant (R-410A and R-32) incompatibility may result in the system not working.
- R-32 and R-410A components may not be compatible.

Whether it is a full system upgrade or a smaller update, your Goodman contractor will be there every step of the way to ensure you make the best decision for your comfort needs.

All our R-32 furnaces are R-410A convertible.

80% FURNACES



90+% FURNACES



It's **Good** to know your HVAC system.

How a Central Gas Furnace Works

Simply put, a central gas heating system creates a cycle of warming cooler air. Here is the simple version:

1. Burning propane or natural gas generates heat in the furnace's burner.
2. The heat produced passes through a heat exchanger, making it hot.
3. Air from the home's ductwork is blown over the heat exchanger, warming the air.
4. The furnace's blower then forces the heated air into the supply ductwork, distributing it throughout the home.

Of course, many central heating system components must work together to keep you comfortable.

Temperature Control

The temperature control, which is regulated by the furnace control board, turns on the ignition switch and starts the heating process when the thermostat or control system calls for heat.

Draft Induced Fan

The draft induced fan draws air into the burner assembly. The air also allows the burners to warm the heat exchanger then is exhausted outside of the home.

Gas Burners

When the thermostat or control system calls for heat, the gas burners valves are open to deliver gas and burn fuel.

Ignition switch

Gas flows over the igniter to establish a flame. This flame is drawn through the burners and used to heat the heat exchanger.

Heat exchange

The part of a gas furnace that adds heat to the indoor air. The gas combusts inside the heat exchanger, creating heat that is used to heat the passing air. The design of the heat exchanger can add energy efficient operation of a gas furnace.

Blower Fan

Uses the return venting to blow air over the hot heat exchanger. The conditioned air is then sent throughout your home via ductwork. Some furnace models offer a blower fan that can run at multiple speeds to improve efficiency

Gas furnaces come in a variety of styles to fit your space. However, they can also be categorized by one of the following:

Non-condensing furnaces

Vent exhaust gases out of the home, typically through the roof.

Condensing furnaces

Uses a second heat exchanger to heat the air from condensed exhaust gases to reach higher efficiencies.

A modulating gas furnace

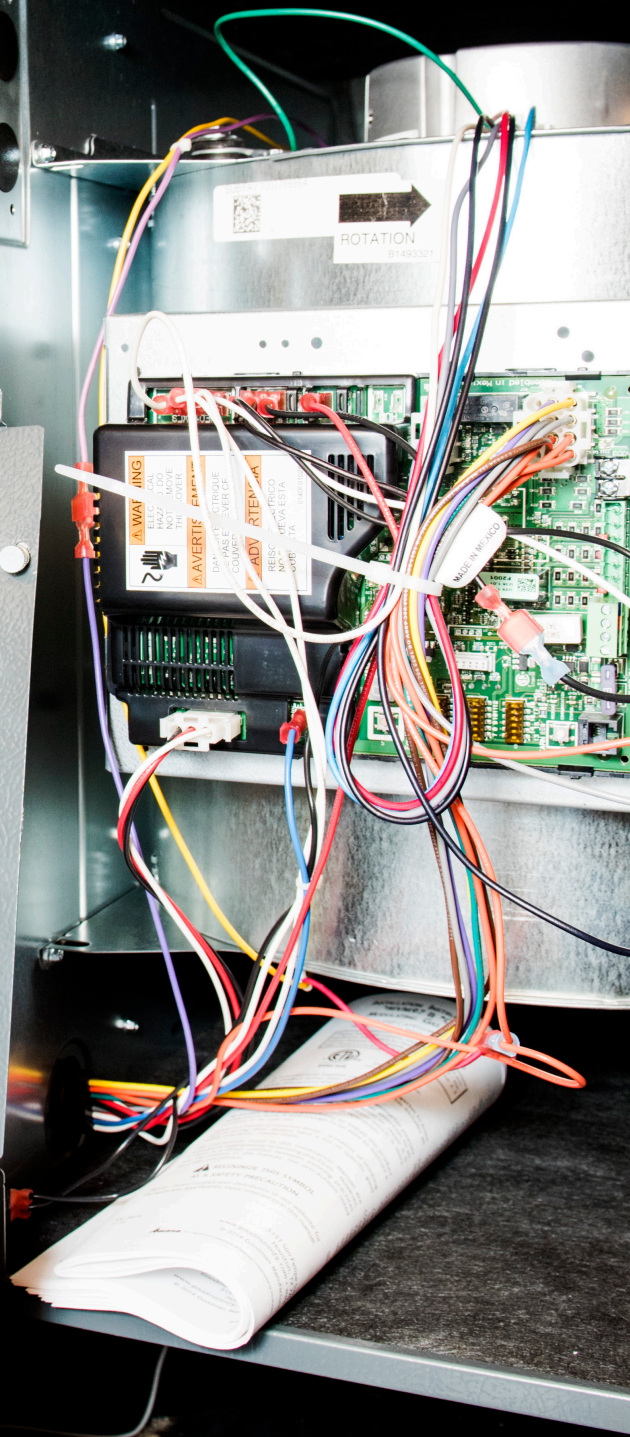
Continuously regulates the amount of fuel burned to maintain the set temperature of your thermostat. This modulating component can minimize indoor temperature fluctuations.

Questions about whether to
Repair or Replace?

Find out more info here



Goodman

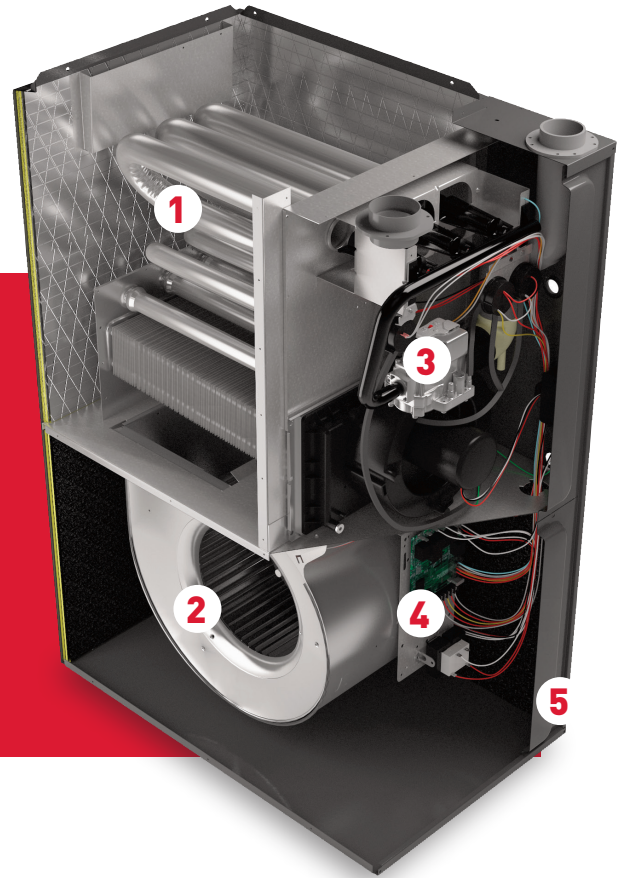


Solid construction **and great features.**

Quality comfort:

All Goodman gas furnaces are loaded with features designed to provide outstanding performance for years to come. We use advanced techniques and materials, so you know the cozy, even heat you feel in every corner of your home is an energy-efficient warming trend that's designed to stay for many years.

PREMIUM GAS FURNACE FEATURES*



1 Aluminized Steel Tubular Primary Heat Exchanger – The use of wrinkle bend technology maintains the wall strength of the tubular design and aids in the efficient transfer of heat.

2 Efficient Blower Motor – Provides quiet system startup and shutdown with highly efficient performance.

3 Two-Stage Gas Valve – Automatically adjusts to the most efficient amount of gas needed to reach and maintain the temperature selected on the thermostat.

4 Self-Diagnostic Control Board – Silently and consistently monitors the gas furnace to ensure all furnace components are working properly and helps to achieve the energy-efficient performance too. Also, allows for quick troubleshooting when gas furnace needs maintenance.

5 Thermally-Insulated Cabinet – Even the metal walls of this gas furnace support energy-efficiency. A fully insulated cabinet helps to keep the heat inside the furnace and has less than a 2% air leakage rate. The insulation also assists with noise suppression when the furnace is operating.



Discover more at www.goodmanmfg.com

* Some features/technology vary by model.

Peace-Of-Mind

Limited Warranties

LIMITED WARRANTY PROTECTION*

Every Goodman brand indoor comfort product is built to our highest standards. The high quality of our products' limited warranties* reflect the high standards of our manufacturing processes. As a heating and cooling contractor, our founder, Harold Goodman, knew firsthand the concerns that homeowners expressed when it came to purchasing and installing a new central indoor comfort system. That's why all Goodman brand products provide outstanding limited warranty[†] protection.

Why would you settle for anything less?

* Limited Warranties vary by product model. Complete warranty details available from your local dealer/contractor or at www.goodmanmfg.com.

Here are some examples of the outstanding limited warranties for our Gas Furnaces:

20 HEAT EXCHANGER LIMITED WARRANTY*	+	ONE-TIME HEAT EXCHANGER REPLACEMENT LIMITED WARRANTY* (FOR YEARS 21-99)
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20-Year Heat Exchanger Limited Warranty* + One-Time Heat Exchanger Replacement Limited Warranty* (Yrs. 21-99) on select models.

10 UNIT REPLACEMENT LIMITED WARRANTY*	10-Year Unit Replacement Limited Warranty* on select models.
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10 PARTS LIMITED WARRANTY*	10-Year Parts Limited Warranty*
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* Complete warranty available from your local dealer or at www.amana-hac.com. Limited Warranties vary by product model. To receive 10-Year Unit Replacement Limited Warranty, 10-Year Parts Limited Warranty, and 99-Year Heat Exchanger Limited Warranty, online registration must be completed within 60 days of installation. The duration of warranty coverage may depend on the state in which you reside. Some states and provinces do not allow warranty coverage to be conditioned on registration. For a list of states and provinces that do not allow warranty coverage to be conditioned on registration, please visit www.amana-hac.com/warranty-information or, to request a paper copy of this information, please call us at 1-855-502-3903. 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.



ASURE PROVIDES YEARS OF WORRY-FREE COMFORT

With ASURE Extended Service Plans[‡], you will have your choice of additional options to help with unexpected costs of replacement parts or labor expenses should your Goodman brand equipment requires covered service. If a covered repair is needed, an Authorized ASURE Dealer will respond promptly and make repairs with quality Goodman brand parts.

ASURE coverage is affordable, on average costing only pennies a day. It's valuable coverage that protects you today and, in the future, no matter how much the cost of service may increase over the life of your Goodman brand equipment. With an ASURE extended service plan, your comfort is covered.

An ASURE Extended Service Agreement is only available through an Authorized ASURE Dealer. Visit the Dealer Locator to find an ASURE Dealer near you.

[‡] ASURE Extended Service Plans vary by product model. Complete details about the Extended Service Plan options available from your ASURE dealer.

ASURE
EXTENDED SERVICE PLAN

To learn more about financing and extended service plans, ask your Goodman contractor!












80% Furnace specifications

UP TO 80% AFUE	GRVT80	GDVT80	GRVS80-U [†]	GR9T80	GD9T80	GR9S80	GR9S80-U [†]	GD9S80
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
20-Year Heat Exchanger Limited Warranty* + One-Time Heat Exchanger Replacement Limited Warranty*	•	•	•	•	•	•	•	•
10-Year Unit Replacement Limited Warranty*	•	•	•	•	•	N/A	N/A	N/A
10-Year Parts Limited Warranty*	•	•	•	•	•	•	•	•
ComfortBridge™ Compatible	•	•	•	N/A	N/A	N/A	N/A	N/A
Self-Diagnostics Control Board	•	•	•	•	•	•	•	•
Aluminized Steel Tubular, Dual-Diameter Primary Heat Exchanger	•	•	N/A	•	•	•	N/A	•
Stainless Steel Tubular, Dual-Diameter Primary Heat Exchanger	N/A	N/A	Stainless Steel	N/A	N/A	N/A	Stainless Steel	N/A
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 (EEM)	Multi-Speed ECM (EEM)	Multi-Speed ECM (EEM)	Multi-Speed ECM (EEM)	Multi-Speed ECM (EEM)
Silicon Nitride Igniter Type	•	•	•	•	•	•	•	•
Installation Options	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal	Upflow Horizontal	Downflow Horizontal	Upflow Horizontal	Upflow Horizontal	Downflow Horizontal

* Complete warranty available from your local dealer or at www.goodmanmfg.com. Limited Warranties vary by product model. To receive the 10-Year Unit Replacement Limited Warranty, 10-Year Parts Limited Warranty, and 99-Year Heat Exchanger Limited Warranty, online registration must be completed within 60 days of installation. The duration of warranty coverage may depend on the state in which you reside. Some states and provinces do not allow warranty coverage to be conditioned on registration. For a list of states and provinces that do not allow warranty coverage to be conditioned on registration, please visit www.goodmanmfg.com/warranty-information or, to request a paper copy of this information, please call us at 1-855-502-3903. 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.

† 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.

90+% Furnace specifications

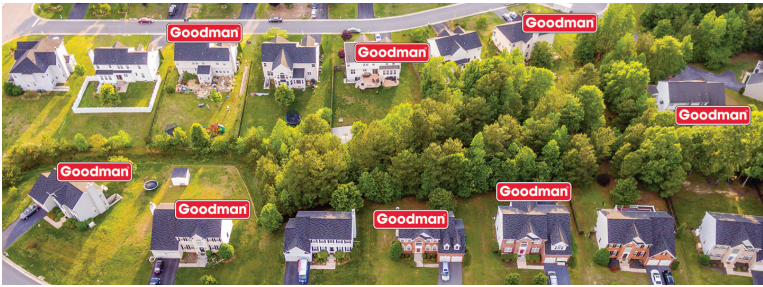
90+% AFUE	GRVM97	GDVM97	GRVT96	GDVT96	GRVS96-U [†]	GR9T96	GD9T96	GR9S96	GD9S96	CDVS96-U	GR9S96-U [†]	GR9S92
R-32 Ready?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Will it work with an R-410A system?	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible	Convertible
20-Year Heat Exchanger Limited Warranty* + One-Time Heat Exchanger Replacement Limited Warranty*	•	•	•	•	•	•	•	•	•	•	•	•
10-Year Unit Replacement Limited Warranty*	•	•	•	•	•	•	•	•	•	•	•	N/A
10-Year Parts Limited Warranty*	•	•	•	•	•	•	•	•	•	•	•	•
ComfortBridge™ Compatible	•	•	•	•	•	N/A	N/A	N/A	N/A	•	N/A	N/A
AFUE	Up to 97%	Up to 97%	Up to 97.5%	Up to 97%	Up to 96%	Up to 96%	Up to 96%	Up to 97%	Up to 97%	Up to 96%	Up to 97%	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	Single-Stage
Self-Diagnostics Control Board	•	•	•	•	•	•	•	•	•	•	•	•
Aluminized Steel Primary Heat Exchanger	•	•	•	•	•	•	•	•	•	•	•	•
Stainless Steel Tubular, Primary Heat Exchanger	N/A	N/A	N/A	N/A	Stainless Steel	N/A	N/A	N/A	N/A	Stainless Steel	Stainless Steel	N/A
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	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	Downflow Horizontal	Downflow Horizontal	Upflow Horizontal	Upflow Horizontal
ENERGY STAR Certified**												NO

* Complete warranty available from your local dealer or at www.goodmanmfg.com. Limited Warranties vary by product model. To receive the 10-Year Unit Replacement Limited Warranty, 10-Year Parts Limited Warranty, and 99-Year Heat Exchanger Limited Warranty, online registration must be completed within 60 days of installation. The duration of warranty coverage may depend on the state in which you reside. Some states and provinces do not allow warranty coverage to be conditioned on registration. For a list of states and provinces that do not allow warranty coverage to be conditioned on registration, please visit www.goodmanmfg.com/warranty-information or, to request a paper copy of this information, please call us at 1-855-502-3903. 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.

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ONCE YOU CHOOSE THE **GOODMAN® BRAND**, YOU'LL PROBABLY BE A FAN FOR LIFE.



People across North America are big fans already. Once you choose a Goodman brand, you'll probably be a big fan, too!

Just go to www.goodmanmfg.com/reviews

CLEAN COMFORT® INDOOR AIR ESSENTIALS

Our complete family of *Clean Comfort* products helps to improve indoor air quality:



FILTRATION



PURIFICATION



HUMIDITY CONTROL



DEHUMIDIFICATION



VENTILATION



ZONING



LEARN MORE AT: www.cleancomfort.com

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facebook.com/GoodmanMfg

 Follow us on **X!**
twitter.com/Goodman_Mfg

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

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 Goodman. 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 Manual 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 Goodman sales office.

R32

Goodman
Air Conditioning & Heating

A DAIKIN BRAND

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

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