



## SPLIT SYSTEM AIR CONDITIONERS

NEW R-32 PRODUCTS



**Thank goodness  
for Goodman.®**



# 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](http://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.

# Goodman's air conditioning portfolio.

R-32

GXV9S



*Up to 19.0 SEER2*  
Inverter Variable-Speed  
Swing Compressor

GXV6S



*Up to 17.2 SEER2*  
Inverter Variable-Speed  
Swing Compressor

GLXT7C



*Up to 17.2 SEER2*  
High-Efficiency  
Two-Stage Compressor

GLXS5B



*Up to 16.5 SEER2*  
High-Efficiency  
Scroll Compressor

GLXS4M



*Up to 15.2 SEER2*  
Energy-Efficient  
Scroll Compressor

GLXS4B



*Up to 15.2 SEER2*  
Rotary 1.5-2.5 Scroll 3-5  
Compressor

GLXS3B



*Up to 15 SEER2*  
Rotary 1.5-2.5 Scroll  
3-5 Compressor



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

## Single-Stage Cooling

Single-Stage cooling refers to the type of compressor that's inside your air conditioner. A single-stage compressor is either 100% on or 100% off. When your home reaches above the set temperature on your thermostat, the air conditioner is turned 100% on until your home reaches the desired temperature.

## Two-stage Cooling

The two-stage type of compressor allows for two levels of operation depending on your cooling needs — full capacity on hot summer days or part capacity for milder days. It is a great energy-efficient option when compared to a traditional, single-stage unit.

## Feel the difference with Inverter Technology.

A Goodman comfort system with inverter technology is designed to come on when you need it and automatically adjusts output to maintain the set temperature on your thermostat so you feel consistent indoor comfort.

Indoor comfort systems with inverter technology are designed to automatically adjust the compressor - the heart of your air conditioner - to ensure a consistent temperature while using a low amount of energy. As a result, you may experience more of that "just right" indoor temperature with minimal fluctuations.

## Why Does Inverter Technology Matter?



### Consistent Indoor Comfort

The continuous, steady adjustments of a home cooling system with inverter technology helps minimize temperature swings that can result in your home feeling uncomfortably warm or cold.



### Proven Reliability

Continuous and steady adjustments that come with inverter technology may contribute to the durability and longevity of your system by helping to limit the wear and tear on your cooling system's compressor.



### High-Efficiency, Smart Savings

Inverter technology is engineered to use a low amount of energy required to maintain the temperature you select on your home's thermostat. That could help keep your energy costs low, especially when the outdoor temperatures heat up.



### Enhanced Indoor Air Quality

A non-inverter system will turn ON to cool the air down until it reaches the desired set point, then turn OFF to avoid over-cooling. However, between the time the system shuts OFF and restarts, the humidity levels may begin to build again within a home. For homeowners in hot and humid climates, an inverter system may help maintain indoor humidity levels by continually dehumidifying the home to balance the heat load.







**Goodman**  
Air Conditioning & Heating  
**INVERTER**



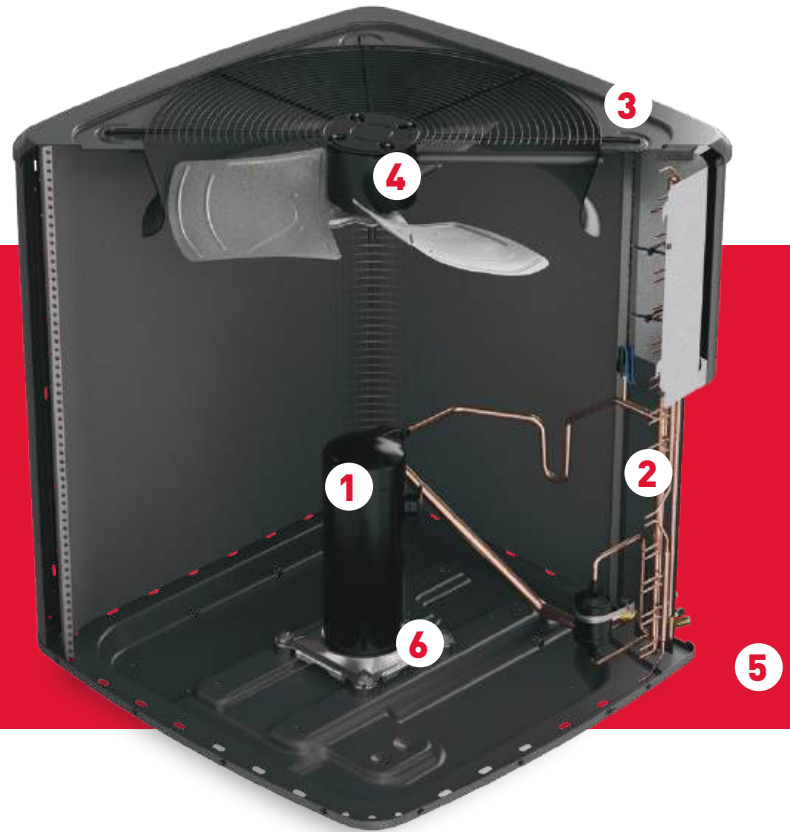
Questions about whether to  
**Repair or Replace?**  
Find out more info here



**Affordable and energy-efficient** air conditioners.

Quality comfort:

PREMIUM  
SINGLE STAGE  
SPLIT SYSTEM  
FEATURES\*



**1 High-efficiency scroll compressor** – Provides better energy efficiency cooling performance and lower monthly energy costs compared to lower SEER2 systems.

**2 Refrigeration-grade premium copper tubing and aluminum fin condenser coil** – Helps deliver outstanding heat transfer properties with R-32 refrigerant.

**3 Removable grille-style top design** – Includes Venturi rings for increased velocity of airflow.

**4 Energy-efficient fan motor** – Advanced fan design moves air quickly and quietly.

**5 Factory-Installed In-Line Filter Drier** – Protects the refrigerant system from dirt and moisture for longer service life compared to units without filter driers.

**6 R-32 refrigerant** – Air conditioners come pre-charged with R-32 refrigerant, A proven, easy, efficient, and available refrigerant



We've turned HVAC on **its' side**.

## PREMIUM GOODMAN SD FEATURES\*



**1 Variable-Speed Digitally Commutated Fan –**  
High efficiency and low sound levels.

**2 Blue Fin Corrosion Coating –** The Goodman SD features a 1000 hour salt spray rated coil as standard. This hydrophilic coating helps keep the coil clean.

**3 7mm Coil –** High heat exchanger efficiency and compact casing design.

**4 Inverter Board Cooled by Refrigerant Circuit<sup>1</sup> –** Elimination of condenser fan pressure drop caused by heat sink used.

**5 Proprietary swing compressor technology –** High efficiency/low sound levels. Less wear and tear compared to non-swing compressors.



Discover more at [www.goodmanmfg.com](http://www.goodmanmfg.com)



<sup>1</sup> Model specific, refer to product engineering manual for details.

# Limited Warranties and ASURE Extended Service Plans

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

Here are some examples of the outstanding limited warranties and ASURE extended service plans for our Air Conditioners:



10-Year Unit Replacement Limited Warranty\* on select models.



10-Year Parts Limited Warranty\*



One-Time Compressor Replacement (Yrs. 11-99) ASURE ESA Plan† on select models.

\* Complete warranty available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.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) and 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 Compressor 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<sup>†</sup>, 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!

# Split System **specifications**

Air Conditioners							
MODELS	New R-32 Models						
	GXV9S	GXV6S	GLXT7C	GLXS5B	GLXS4M	GLXS4B	GLXS3B
Style	Side Discharge	Side Discharge	Cube	Cube	Cube	Cube	Cube
Refrigerant	R-32	R-32	R-32	R-32	R-32	R-32	R-32
10-Year Unit Replacement Limited Warranty*	10-Year	10-Year	10-Year	N/A	N/A	N/A	N/A
10-Year Parts Limited Warranty*	●	●	●	●	●	●	●
One-Time Compressor Replacement (Yrs. 11-99) ASURE ESA Plan†	●	●	●	N/A	N/A	N/A	N/A
ComfortBridge™ Compatible	ComfortNet™ Only	ComfortNet™ Only	●	N/A	N/A	N/A	N/A
SEER2	Up to 19.0	Up to 17.2	Up to 17.2	Up to 16.5	Up to 15.2	Up to 15.2	Up to 15
Compressor Type	 Variable-Speed Swing	 Variable-Speed Swing	High-Efficiency Two-Stage	High-Efficiency Scroll	Energy Efficient Scroll	Rotary 1.5-2.5 Scroll 3-5	Rotary 1.5-2.5 Scroll 3-5
ECM Condensing Unit Fan Motor	Digitally Commutated	Digitally Commutated	●	Select Models	Select Models	Select Models	Select Models
High Density Compressor Sound Blanket	●	●	●	N/A	N/A	N/A	N/A
Factory-Installed Filter Drier	Field-Installed*	Field-Installed*	●	●	●	●	●
ENERGY STAR® Certified¹	NO	NO					NO

\* Complete warranty available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.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) and 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 Compressor 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..

¹ **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.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

\* Supplied with filter drier loose and requires field installation by contractor.





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

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Follow us on **Instagram!**  
[instagram.com/Goodman\\_Mfg](https://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 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 Goodman brand 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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