

Gibson®

GAS FURNACES

Dedicated Upflow, Upflow/Horizontal and Downflow

GIBSON GAS FURNACE FEATURES

- All Gibson gas furnaces include a factory-installed ECM motor for efficient, multi-speed performance.
- Gibson gas furnaces are built using proven technology and reliable components. Units receive a high-quality gloss finish for increased durability and corrosion resistance. All of these gas furnaces feature the SmartLite® control board which helps extend the life of igniters in furnaces using hot surface ignition technology.
- 80% AFUE efficient furnaces include a heavy-gauged steel heat exchanger for durability. All 90+% AFUE furnaces include a stainless steel secondary heat exchanger that comes with a lifetime limited warranty.
- Gibson furnaces and mechanical and electrical components are 100% fired and tested on the manufacturing line to ensure reliable performance.
- All Gibson gas furnaces are less than 35 inches tall, so they can accommodate small spaces if necessary.



Upgrading to a two-stage gas furnace can be a great option for homeowners who are looking to reduce their energy consumption and maximize their savings. Two-stage operation allows the furnace to run at a lower input to maintain comfort level and ensure even temperatures all-season long.

ECM Blower Motor Technology

Better indoor air quality can be achieved quietly and inexpensively with the ECM blower motor because it can be set to run continuously at reduced airflow levels, between heating or cooling cycles. This allows the air to be filtered without excessive drafts and without sacrificing efficiency.

Furnace Model	Efficiency	Dedicated Upflow	Upflow/Horizontal	Downflow	Heat Stages	ECM Motor	ENERGY STAR® Certified
KG7SA*	80%		●		1	●	
KG7SK*	80%			●	1	●	
KG7TA*	80%		●		2	●	
KG7SC*	92.1%		●		1	●	
KG7SD*	95%		●		1	●	
KG7TC*	95.1%		●		2	●	●
KG7TE	96%	●			2	●	●
KG7TN	96%			●	2	●	●

ENERGY STAR® certification is awarded by the U.S. Department of Energy and the Environmental Protection Agency for helping to conserve energy, promote cleaner air and prevent global warming. To qualify, gas furnaces must have an AFUE of 95% or higher for northern states, at least 90% AFUE for southern states, have an approved energy efficient blower motor and cabinet air leakage of less than or equal to 2%.

* If installed in SCAQMD only: These furnaces do not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to $450. These furnaces are not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.



Model KG7T 80%*, 95.1%* & 96% AFUE
Two-Stage Gas Furnaces

Gibson's innovative two-stage furnaces are built with the purpose to idle down to a reduced heating capacity on mild days, which statistically average about 80% of the heating season. In the first stage, or low-fired mode, these furnaces use approximately 68% of their total heating capacity, running more slowly, quietly and efficiently. The two-stage 80% AFUE gas furnaces offer energy efficiency and are a great choice for any home with a gas furnace need. In fact, they are ideal for locations with shorter heating months. However, if you have the need to run your gas furnace for multiple months and are looking to reduce your energy consumption, then the 95.1% or 96% AFUE gas furnace may be ideal for you.

On gas furnaces, the SmartLite® control boards provide extended life to igniters using hot surface ignition technology. They are programmed to learn the heat-up characteristics of the igniter, then adapt the ignition time to the characteristics of the furnace so the igniter is energized appropriately.

The improved control board contains a program that varies the igniter heat-up time interval. It learns the heat-up characteristics of the igniter in the furnace by searching for the threshold of ignition failure. It then adjusts the heat-up interval on the next trial accordingly. This upgrade has been accomplished by microchip software reprogramming. The introduction of this control represents a significant advance in HSI furnace technology.

Model KG7S 80%*, 92.1%* & 95%* AFUE
Single-Stage Gas Furnaces

A fixed-speed, single-stage furnace is designed to meet basic heating needs with the best value. The Gibson single-stage 80% AFUE gas furnace offers energy efficiency and is great for locations with shorter heating months. However, if you pay a high cost for gas or run your furnace for multiple months, the 92.1% AFUE or 95% AFUE gas furnace may be ideal for you because these models will significantly reduce your energy usage.

* If installed in SCAQMD only: These furnaces do not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to $450. These furnaces are not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.



What is AFUE? Annual Fuel Utilization Efficiency is the term used to rate the efficiency levels of a gas or oil furnace. The higher the AFUE rating, the more energy efficient your system is and the lower your energy costs. It measures the amount of heat actually delivered to your house compared to the amount of fuel supplied to the furnace. Thus, a furnace that has an 80% AFUE rating converts 80% of the fuel supplied to heat - the other 20% is lost out of the chimney. Compare this to an older furnace that may only deliver 75% efficiency.



Standing behind your investment

All Gibson gas furnaces offer a 10-Year limited warranty that covers all parts when registered. Additionally, Gibson gas furnaces are available with a limited lifetime warranty on the heat exchanger, the heart of the furnace. Registration required. Your contractor can help you decide which furnace is best suited to meet your needs.

To learn more about our product warranties, ask your Gibson contractor.

Gibson®

www.gibsonhvac.com



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