Gas Furnaces

Dedicated Upflow, Upflow/Horizontal and Downflow



Gibson

Heating and Cooling Products

A complete line of heating products, combining comfort and quality with affordable prices.

Gibson gas furnace lineup features:

- Gibson gas furnaces are built using proven technology and reliable components protected by our heavy-gauge, scratch-resistant cabinet. The SmartLite® control board used on all of our gas furnaces 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, variable-speed gas furnace can be beneficial in the summer. Your outdoor air conditioner or heat pump uses the furnace blower to distribute air throughout the home. The variable-speed feature helps reduce humidity levels inside the home and helps run the system more efficiently during the cooling season.

Furnace Model	Efficiency	Dedicated Upflow	Upflow/Horizontal	Downflow	Heat Stages	PSC Motor	ECM Motor***
KG7SA*	80%		●		1	●	
KG7SK*	80%			●	1	●	
KG7TA*	80%		●		2		●
KG7TK*	80%			●	2		●
KG7SC*	92.1%		●		1	●	
KG7SL*	92.1%			●	1	●	
KG7SD*	95%		●		1	●	
KG7SM*	95%			●	1	●	
KG7SD-E*	Up to 95%		●		1		●
KG7TC*	95.1%**		●		2		●
KG7TE	96%	●			2		●
KG7TN	96%			●	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. ** ENERGY STAR® Certified *** iSEER® Technology



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.

For additional comfort, Gibson also offers two-stage furnaces that can be upgraded to variable-speed in both the 80%, 95.1% and 96% AFUE models. Not only do you have the benefits of two-stage heating, variable-speed also provides better air circulation to reduce hot and cold spots. Then during colder extremes when maximum output is needed, the second stage boosts fuel flow while the blower ramps up variably to maximum speed. Ramping gradually through heating cycles increases quiet performance.



96% AFUE two-stage, upflow/horizontal cutaway view shown

Since air is circulated at longer cycles more continuously, room temperatures are balanced and more comfortably mixed. Temperature swings are reduced to barely a couple of degrees and hot and cold spots are minimized. The variable motor will automatically maintain its programmed level of airflow. Better indoor air quality can be achieved quietly and inexpensively when the thermostat is set to run the fan in continuous mode. This will help reduce electrical consumption from 500 watts to 60 over a furnace without variable-speed.

80%*, 92.1%* and up to 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. Gibson even has an upflow, up to 95% AFUE model furnace with a factory installed high-efficiency ECM blower motor that has iSEER® technology.

iSEER technology can increase the energy efficiency of your outdoor air conditioner or heat pump during the cooling season. Cooling performance is measured in terms of SEER (Seasonal Energy Efficiency Ratio). The higher the SEER, the more energy efficient the cooling system performs. Gibson furnaces featuring iSEER can increase that performance by up to one SEER.

iSEER®

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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. Your contractor can help you decide which furnace is best suited to meet your needs. Gibson gas furnaces also offer a 1-Year Quality Pledge, registration required. Should your heat exchanger fail during the first year of operation, we will replace the furnace with an equal product. To learn more about our product warranties, ask your Gibson contractor.

What is AFUE? Annual **F**uel **U**tilization **E**fficiency 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 60% efficiency.

ENERGY STAR® Certified. 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%.

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www.gibsonhvac.com

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