

# BROAN® High Efficiency 95.1% & 80% AFUE Two-Stage Gas Furnaces

A COMPLETE LINE OF HEATING PRODUCTS, COMBINING  
COMFORT AND QUALITY WITH AFFORDABLE PRICES.



**BROAN**®  
HEATING AND COOLING SYSTEMS

## STANDING BEHIND YOUR INVESTMENT



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

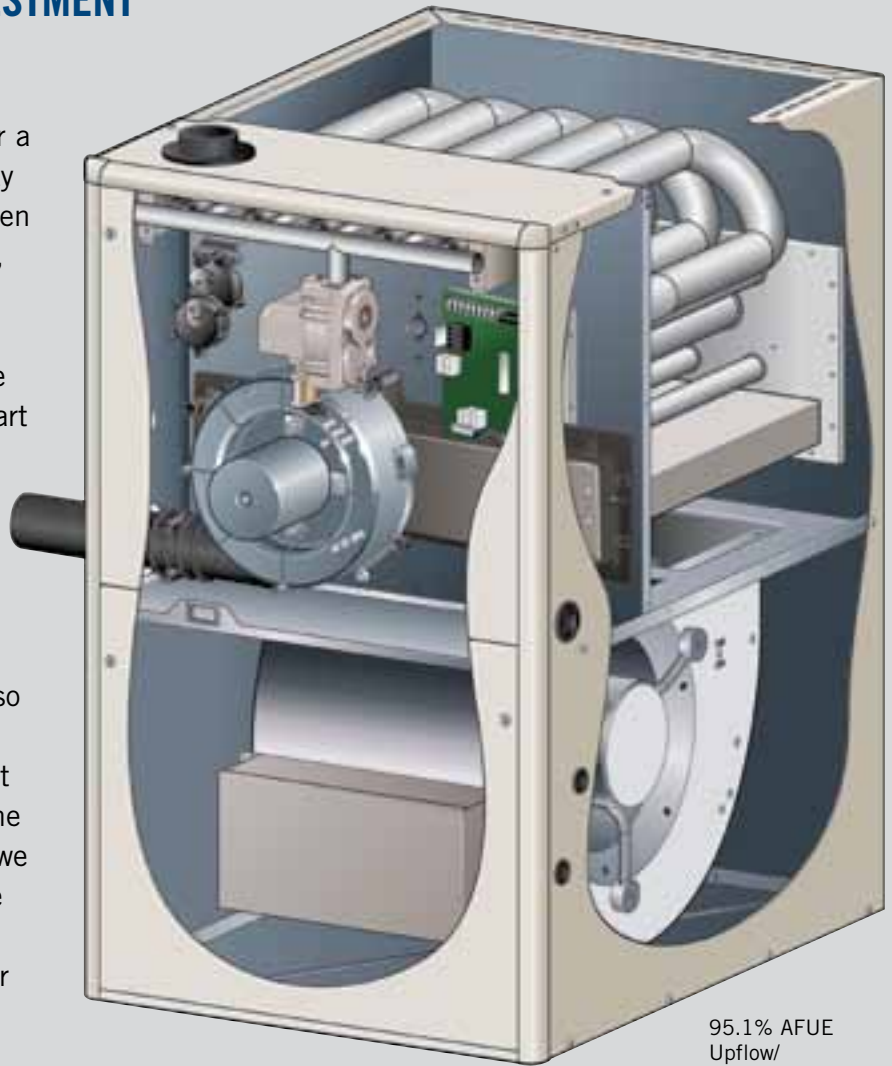


Broan KG7 furnaces also offer a 1-year Quality Pledge. Should our heat exchanger fail during the first year of operation, we will replace the furnace with an equal product. To learn more about our product warranties, ask your Broan contractor.

Product registration required.

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 will be. It measures the amount of heat actually delivered to your house

compared to the amount of fuel that you supply to the furnace. Thus, a furnace that has an 80% AFUE rating converts 80% of the fuel that you supply to heat – the other 20% is lost out of the chimney. Compare this to an older furnace that may only deliver 60% efficiency.



95.1% AFUE  
Upflow/  
Horizontal  
cutaway view  
shown



## TWO-STAGE GAS FURNACES MODEL LINEUP

### 95.1% & 80% AFUE TWO-STAGE GAS FURNACES

Broan'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% gas furnaces offer high efficiency and are great 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% AFUE furnace may be ideal for you. Gas efficiency is rated in terms of AFUE (Annual Fuel Utilization Efficiency). The higher the rating, the more efficient the system.

For additional comfort, Broan also offers two-stage furnaces that can be upgraded to variable-speed in both the 80% and 95.1% 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.

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 maximized. The variable-



speed 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.

Upgrading to a two-stage variable-speed furnace can also 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.

All Broan 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.

All 80% efficient furnaces include a heavy-gauged steel heat exchanger for durability. And our 90%+ AFUE furnaces include a stainless steel secondary heat exchanger that comes with a lifetime limited warranty.

Broan furnaces and its mechanical and electrical components are 100% fired and tested on the manufacturing line to ensure reliable performance.

