

Innovation,  
dependability and  
total comfort



**14 SEER, 95% AFUE,  
TWO-STAGE GAS/ELECTRIC  
PACKAGED SYSTEM PRODUCTS**



slab mount

rooftop mount

# **BROAN® ULTRA-HIGH EFFICIENCY**

## **TWO-STAGE GAS HEATING, 2-5 TONS**

### **14 SEER/95% AFUE GAS/ELECTRIC PACKAGED SYSTEM PRODUCTS**

Broan has raised the bar on energy efficiency with the 14 SEER/95% AFUE gas/electric packaged system. Most other packaged systems achieve only 80% AFUE or a little higher. Our Broan system reaches an unprecedented efficiency level of 95% AFUE, potentially saving you hundreds of dollars on your gas bill every winter.

AFUE measures the amount of heat actually delivered to your house compared to the amount of fuel that you must supply. Thus, a gas/electric packaged system 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. The higher the number, the more efficiently your system operates.

For example, the 95% AFUE rating, which means that the gas/electric packaged system functions at or above 95% efficiency, is the highest rating available on packaged systems today.

Seasonal Energy Efficiency Ratio (SEER) measures cooling performance on air conditioners, heat pumps and gas/electric packaged products.

#### **TWO-STAGE TECHNOLOGY**

Broan, the name that stands for innovation in airflow, offers you the perfect choice for consistent home comfort.

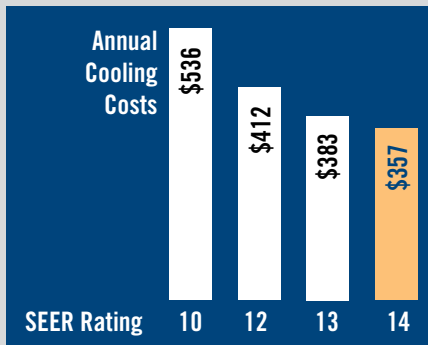
Let cold winds blow outside, because your Broan packaged system will provide a consistent temperature while improving comfort. The two-stage, heating technology works at a higher capacity on colder days or lower capacity on mild days to improve air circulation and minimize indoor temperature variations.

If installed in SCAQMD only: These gas/electric packaged systems 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 gas/electric packaged systems are not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

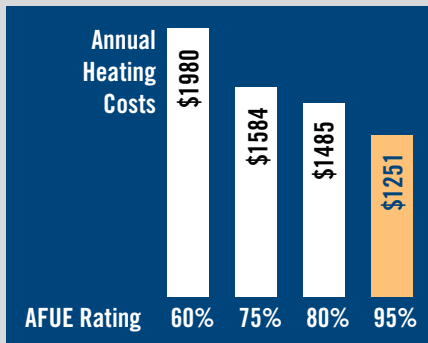


## ENERGY EFFICIENCY

Broan packaged products provide high-efficiency, less energy consumption and lower utility bills.



Annual costs based on 36,000 Btu units, 1,353 cooling load hours and .11/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.



Dollar amounts computed at \$.092 cfs/therm, for 3,587 full-load heating hours and a system rated at 60,000 Btuh. Actual savings may vary depending on climate conditions, fuel rates, and patterns of usage according to individual lifestyle.

## ADVANCED TECHNOLOGY

On Broan gas/electric packaged systems, the SmartLite® control board learns the igniter's heat-up characteristics. It then adapts the ignition time to the packaged systems characteristics, resulting in extending the life of the igniter. The SmartLite control board contains a program that varies the igniter heat-up time interval. It learns the heat-up characteristics of the igniter in the packaged systems by searching for the threshold of ignition failure. It then adjusts the heat-up interval on the next trial accordingly. This is accomplished by microchip software programming.

## COIL TECHNOLOGY

All packaged systems feature enhanced evaporator coils for increased resistance to corrosion.

## DURABILITY AND STYLE

These models feature Silicone polyester, urethane-coated galvanized steel with a 950-hour salt spray finish, which protects the unit from corrosion 50% better than other coatings.

## PEACE OF MIND

Broan products offer a 10-year limited warranty on parts when registered. Plus, our Quality Pledge states that your entire unit will be replaced if the compressor or heat exchanger fails within the first 10 years of purchase, registration required.



Ask your Broan heating and cooling contractor or visit us at [broanhvac.net](http://broanhvac.net) for warranty details.

Product registration required.

## ENERGY DEFINITIONS

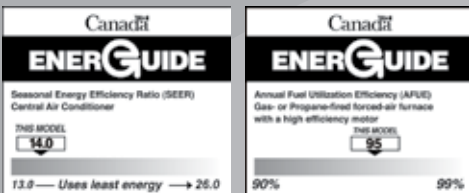
SEER – Seasonal Energy Efficiency Ratio

Measures cooling performance on air conditioners, heat pumps and gas/electric packaged products.

AFUE – Annual Fuel Utilization Efficiency

It measures the amount of heat actually delivered to your house compared to the amount of fuel that you must 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.

As ratings increase, so does unit efficiency.



[www.broanhvac.net](http://www.broanhvac.net)

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