

**BROAN**<sup>®</sup>  
HEATING AND COOLING SYSTEMS

so comfortable,  
yet so efficient.



**13-16 SEER R-410A  
COMFORT SYSTEMS**



# **BROAN® ULTRA-HIGH EFFICIENCY 16 SEER/UP TO 9.0 HSPF, TWO-STAGE BROAN EXTRA-HIGH EFFICIENCY 14+ SEER/UP TO 8.5 HSPF, SINGLE-STAGE BROAN HIGH EFFICIENCY 13+ SEER/8.0 HSPF, SINGLE-STAGE AIR CONDITIONERS & HEAT PUMPS**

Broan 13 - 16 SEER air conditioners and heat pumps provide you with reliable, year-round comfort.

Broan Comfort Systems include two main components. The outdoor section is either the air conditioner or the heat pump. The indoor section is an air handler or a furnace and indoor coil. A warmer climate location may utilize a heat pump and an air handler; cooler climates may utilize an air conditioner and a furnace. Your dealer will select the appropriate system for your comfort needs.

Depending on your climate, a heat pump may handle your heating and cooling needs more economically than a separate furnace and air conditioner.

All Broan heat pumps and air conditioners are built using proven, reliable parts. Each part is examined carefully with our rigorous quality check process. This process ensures approximately 144 inspections before any system ever leaves our manufacturing facility.

Broan two-stage technology allows your air conditioner or heat pump to operate at the most efficient level for total indoor comfort regardless of the outside temperature. The indoor section is a variable-speed air handler or a variable-speed furnace with indoor coil.

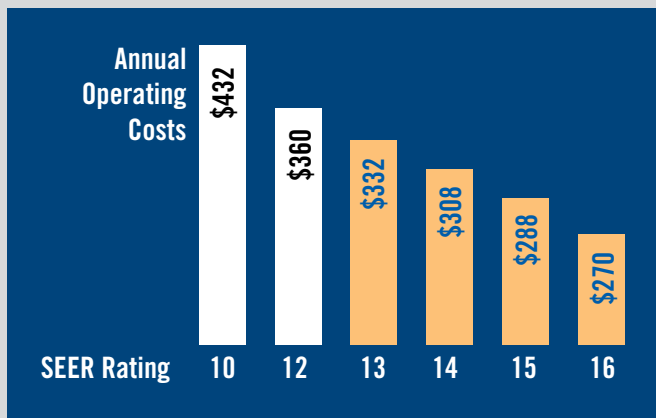
With a two-stage comfort system, during mild summer days, your system will work at a lower capacity and during hotter days, it will work at full capacity, which reduces the wear and tear on your system. Sound levels are reduced because there are fewer startup and shutdown cycles compared to single-stage units.

By mixing air from floor to ceiling, the variable-speed blower creates more uniform temperatures. Reducing air velocity also allows airborne particles and moisture to be captured at a higher rate, resulting in improved air filtration and reduced humidity levels.



## ENERGY EFFICIENCY

Broan air conditioners and heat pumps are rated in Seasonal Energy Efficiency Ratio (SEER). A higher SEER rating makes it easier for your system to perform more efficiently, save more energy and lower your utility bills. Heat pumps have an additional rating called Heating Seasonal Performance Factor. HSPF measures the average number of Btuh of heat delivered for every Watt-hour of electricity used by the heat pump over the heating season.



Annual costs based on 36,000 Btu unit, 1,500 cooling load hours and .08/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.



ENERGY STAR certification is awarded to products designed to reduce energy consumption and utility costs. To qualify, split system air conditioners and heat pumps must have a Seasonal Energy Efficiency Ratio (SEER) rating of 14.5 or higher and an Energy Efficiency Ratio (EER) of 12.0 or higher. Heat pumps are also rated by a Heating Seasonal Performance Factor (HSPF) and must have a rating of 8.2 or higher.

## PEACE OF MIND

The Broan series of products feature a 10-year limited warranty on parts. Plus, our Quality Pledge states that your entire unit will be replaced if the compressor fails within the first year of purchase, when installed with a Broan matched indoor coil or air handler.

## ENVIRONMENTALLY SMART

Broan air conditioners, heat pumps and air handlers feature R-410A refrigerant, an earth-friendly, non-ozone-depleting refrigerant.

## QUIET COMFORT

Broan air conditioners and heat pumps include additional features for extra quiet-performance, such as swept-wing fan blades, sound reducing bases, and compressor sound blankets.

## RELIABLE PERFORMANCE

Your Broan air conditioner or heat pump has been carefully designed and engineered to give you outstanding energy efficiency and years of trouble-free operation. Broan uses only proven components like the Copeland® scroll compressor. It's the leaders' choice for efficiency, durability, and longevity. 16 SEER products feature a two-stage Ultra-tech scroll compressor. Two-stage technology allows your air conditioner or heat pump to operate at the most efficient level for total indoor comfort regardless of the outside temperature.

## DURABILITY & STYLE

These models feature precoated steel cabinets and doors for superior quality and durability.

Ask your Broan heating and cooling dealer or visit us at [www.broanhvac.net](http://www.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.

HSPF – Heating Seasonal Performance Factor

It is a measure of the average number of Btu of heat delivered for every Watt-hour of electricity used by the heat pump over the heating season.

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.

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).



Specifications and illustrations subject to change without notice and without incurring obligation.

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