BROAN®
HEATING AND COOLING SYSTEMS

Innovation, dependability and total comfort





HIGH-EFFICIENCY
FURNACES THAT INCREASE
COOLING EFFICIENCY

iSEER®

BROAN® HEATING SYSTEMS

THAT CAN ACTUALLY REDUCE YOUR COOLING COSTS

Broan furnaces with iSEER® technology do more than create a comfortable home. They also reduce your energy bills – on both the heating and cooling side. When matched with a Broan 13- or 14-SEER outdoor unit, these Broan furnaces can increase SEER up to one point.

CHOOSE iSEER FOR THE ENERGY SAVINGS. APPRECIATE IT FOR THE COMFORT.

Perhaps the best reason for choosing a Broan iSEER furnace is the total home comfort it provides. You can continuously run the highly efficient iSEER fan motor at a lower level for constant airflow – eliminating hot and cold spots in the house as well as stagnant air. When you choose a variable-speed model, you get even more comfort features. iSEER helps dehumidify your home to promote healthier indoor air.

FIND THE BROAN iSEER FURNACE THAT'S RIGHT FOR YOU.

Broan's iSEER technology is available in multiple configurations – to meet your heating, efficiency and budgetary needs.

iSEER®

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%.

With even more stringent efficiency requirements than ENERGY STAR, the ecoLogic® seal is your sign of environmentally friendly, high-efficiency heating and cooling products. Only the most energy-efficient, most environmentally responsible units receive our ecoLogic seal of quality. Two-stage, variable-speed gas furnaces rated 95.1% efficient or higher meet our ecoLogic requirements for ultra-energy efficiency.

Two-Stage 96% AFUE Variable-Speed & Fixed-Speed Gas Furnaces



Dedicated Upflow Downflow

Two-Stage 95.1% AFUE* Variable-Speed & Fixed-Speed Gas Furnaces



Upflow/Horizontal

Two-Stage 80% AFUE* Variable-Speed & Fixed-Speed Gas Furnaces



Upflow/Horizontal Downflow

* 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.

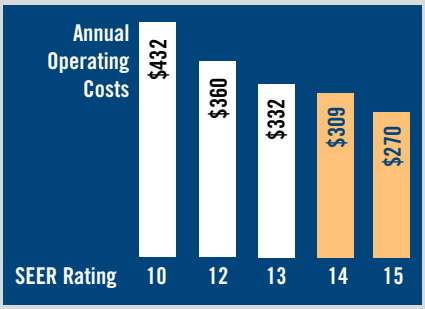
THE HEART OF iSEER® IS ITS ULTRA EFFICIENT MOTOR.

Broan® furnaces with iSEER use a brushless DC motor instead of a standard PSC motor. This more efficient motor is combined with advanced programming controls for an incredibly sophisticated design that creates superior home comfort and efficiency.

THE IMPORTANCE OF SEER.

Seasonal Energy Efficiency Ratio (SEER) is the unit by which air conditioning and heat pump energy efficiency is measured. In the world of cooling, the higher the SEER, the better the efficiency and the lower your power bill.

Most homes built over 10 years ago probably have 8- to 10-SEER cooling units. Increasing to 14- or 15-SEER can make a big improvement in your energy bills.



Annual costs based on 36,000 Btu unit, 1,500 cooling load hours and $0.11/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.

FIXED- VERSUS VARIABLE-SPEED.

Fixed-speed technology means that the motor will run at a speed set by the installer. With iSEER technology, your Broan contractor can choose from 16 heating speeds and 16 cooling speeds, plus additional low-operation speeds, to find the exact right operating speeds for your home.

Variable-speed technology, on the other hand, means the system will automatically utilize several different speeds for optimal comfort. For example, a variable-speed furnace can help compensate for a dirty air filter by automatically increasing its speed to maintain airflow. It also ramps up to eliminate the sudden blast of air found in conventional systems, and can enhance comfort and dehumidification to provide healthier indoor air quality.

MOTOR COMPARISONS AT A GLANCE.

Standard PSC Motor	Fixed-Speed iSEER Motor
Minimal speed ranges.	16 heating speeds and 16 cooling speeds.
Lower efficiencies.	Highly efficient; can boost outdoor unit SEER by up to one point. Uses less electricity during heating and cooling cycles than conventional blower motor.
No programmable features.	Can program speeds to match home's unique needs.

Standard PSC Motor	Variable-Speed iSEER Motor (includes fixed-speed benefits)
Runs at one speed and cycles on and off.	Automatically changes its speed and makes adjustments to maintain constant airflow.
Poor dehumidification.	Helps control humidity levels and improves dehumidification.
Creates hot and cold spots in home.	Helps mix air to reduce hot and cold spots while reducing stagnation.
Noisy. Runs more often at higher, louder speeds and makes an abrupt change in sound when system cycles on and off.	Quiet. Motor design produces very low torque wave. Motor ramps up to speed, minimizing abrupt sound changes.

DESIGNED FOR EFFICIENCY. BUILT TO LAST.

When you choose Broan®, you're investing in a product that's as innovative as it is dependable. And just as you expect from Broan, your product is backed by our 10-year limited warranty on parts, one of the best in the industry. With product registration, this warranty covers all parts for 10 years. On top of that, you also get the Quality Pledge to replace your entire unit if a major component fails – for up to 10 years depending on the model purchased.

Ask your Broan heating and cooling contractor or visit us at www.broanhvac.net for warranty details.

Product registration required.

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