

Innovation,
dependability and
total comfort



**16 SEER/8.2 HSPF
TWO-STAGE PACKAGED
HEAT PUMP SYSTEM**



BROAN® EXTRA HIGH-EFFICIENCY TWO-STAGE PACKAGED HEAT PUMP SYSTEM

16 SEER/8.2 HSPF

Unlike most heating and cooling systems, which are divided into outdoor and indoor sections, a “packaged” system includes all the components necessary to heat and/or cool your home in one, convenient unit.

The 16 SEER, 8.2 HSPF two-stage packaged heat pump features a patented hot gas defrost that allows hot refrigerant gas made by the compressor to defrost the coil from the bottom and the top of the coil. The construction of the coil also aids in defrost: traditional tube-in-fin coils are horizontal in construction, but Broan’s Micro-Channel heat pump coils are vertical allowing the water to quickly wick down and away from the coil.

Broan’s 16 SEER two-stage packaged heat pump system provides electric heating and cooling. During warmer months, it collects heat from the air in your home and moves it to the outside. In winter, the process reverses, and the heat pump collects heat from air outside to warm the air inside your home.

Two-stage systems operate at lower capacity during mild days and at full capacity during harsher ones. Because they idle down to a reduced capacity, Broan packaged systems provide better comfort and perform more quietly than standard packaged systems. Longer cycles improve air circulation, minimizing temperature swings to a couple of degrees, while reducing hot and cold spots.



ENERGY STAR certification is awarded to products designed to reduce energy consumption and utility costs. To qualify, packaged systems must have a Seasonal Energy Efficiency Ratio (SEER) rating of 15.0 or higher, an Energy Efficiency Ratio (EER) of 12.0 or higher and a Heating Seasonal Performance Factor (HSPF) rating of 8.2 or higher.



ENERGY EFFICIENCY

Broan packaged systems provide high efficiency, less energy consumption and lower utility bills. Look for our ecoLogic® seal, your sign of the most energy-efficient,



environmentally responsible products Broan offers.



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

ADVANCED TECHNOLOGY

These models also feature Micro-Channel evaporator and condenser coils to better combat corrosion.

QUIET COMFORT

The high-efficiency condenser motor and fan provide quiet operation and low vibration.

Your packaged system is only one part of the comfort system that affects your air quality and energy savings. Broan offers a complete line of system components to improve indoor air quality and help ensure the performance of your comfort system.



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

The Broan series of products offers 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 for warranty details.

Product registration required.

ENERGY DEFINITIONS

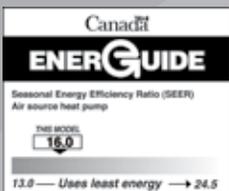
SEER – Seasonal Energy Efficiency Ratio

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.

As ratings increase, so does unit efficiency.



We Encourage Professionalism



Through Technician Certification by NATE



broanhvac.net

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