



The Plus 80w™ Gas Furnace with Perfect Heat™ Technology

MODEL 314AAV Multi-Poise



Preferred™
SERIES

One Furnace, Two Heat



Preferred Quality Since 1904

For more than a century, Bryant has been a preferred choice of homeowners interested in soothing, indoor comfort. Through the commitment and dedication of our product development and manufacturing teams, we have consistently met every new challenge head-on, delivering the products to meet or exceed expectations. Today, as consumers demand high-tech solutions for everyday needs, Bryant proudly offers a sophisticated furnace that delivers exceptional comfort: the Plus 80w™ gas furnace.

The Bryant® Plus 80w gas furnace provides extra quiet, soothing warmth winter after winter. It delivers the enhanced performance of Perfect Heat™ technology with adaptive control. And, it keeps working to deliver comfort all year long as a part of your complete heating and cooling



system. Designed, built and backed by the most trusted name in the business, and installed by your trusted and professional Bryant dealer, the Plus 80w gas furnace provides the comfort and efficiency you and your family deserve.

The Perfect Way to Enjoy Winter

Bryant's Plus 80w™ gas furnace delivers the enhanced comfort you'll enjoy all winter long with two heating stages and the ability to adapt to changing conditions. That's the power of Perfect Heat™ technology with adaptive control. This function allows your furnace to operate on low-heat most of the time to quietly, efficiently and consistently maintain your preferred temperature setting. As conditions change, your furnace automatically knows when it's time to switch to high-heat for additional comfort.

Enhanced comfort

The Plus 80w gas furnace and a compatible Bryant thermostat improve comfort all year long through Bryant's Fan On *Plus*™ technology. Fan On *Plus* technology lets you select from three different continuous fan speeds at the thermostat which not only controls temperature, but helps distribute heat evenly throughout your home as well. And, with continuous fan operation, you'll enjoy cleaner air as well by constantly drawing air through your system's filter.

Variable-Speed, Consistent Comfort

Variable-speed is one of the keys to the enhanced comfort you'll enjoy with the Plus 80w™ gas furnace. It's also the key to extremely quiet performance. Compared to a standard furnace, this model operates nearly continuously at a very low speed. That means fewer start up cycles and extremely quiet delivery of heated air. In addition, Bryant's Plus 80w gas furnace delivers the

peace of mind that comes with choosing a system backed by a company committed to customer satisfaction. From initial design through product testing and an assembly process that includes thorough reliability testing procedures, we go beyond the industry's expectations for quality to be sure that every unit we make measures up to even tougher standards – yours.

ing Stages, Total Comfort



Peace of Mind

Having a great warranty helps you enjoy your comfort with confidence. Bryant builds trusted reliability into every product, then provides additional peace of mind with excellent warranty protection.

To the original owner, the Bryant Plus 80w model 314 gas furnace is covered by a 10-year parts and 20-year heat exchanger limited warranty upon timely registration of your new equipment.* Ask your Bryant dealer about optional extended warranties, which may include labor.



*Warranty period is 5-years if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate at bryant.com for complete details.

Performance

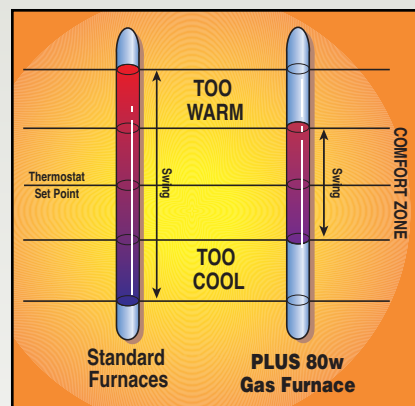


Enjoy Improved Air Quality

One side benefit of the Plus 80w gas furnace's two-stage heating is the improved indoor air quality it can provide over single-speed furnaces. Its longer heating cycles draw air through your system's filter more frequently than standard furnaces without continuous fan. The result is cleaner air throughout your home. And, when you add a higher efficiency Bryant air filter, your system will do an even better job of cleaning the air.



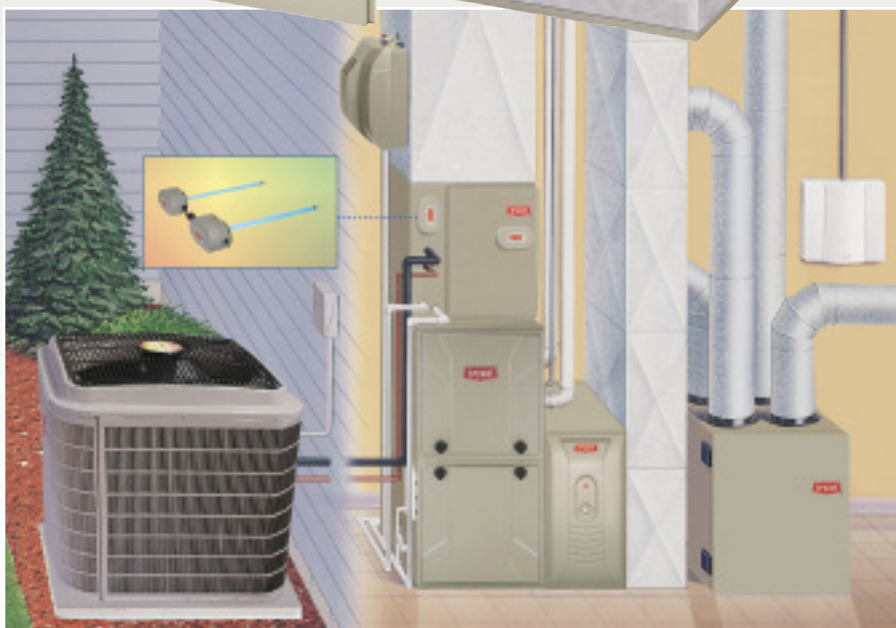
The optional Evolution® Connex™ Control is designed to work with the Plus 80w gas furnace for enhanced system performance. The Connex Control is much more than a thermostat. It is your single source of precision temperature, humidity and indoor air quality.



Home Comfort Components

- 1 SMOOTH, CONSISTENT AIRFLOW**
throughout the home starts with our variable-speed blower. This direct-drive motor provides about 40% longer airflow cycles to help keep temperatures consistent from room to room.
- 2 EFFICIENCY AND COMFORT**
Two-stage gas valve automatically adjusts between low- and high-stage heating for consistent, efficient comfort.
- 3 INTELLIGENT OPERATION**
Our patented furnace control board does the thinking for you so your family will always enjoy comfort and economy. Just set the compatible thermostat and let our "smart" electronics do the rest. This advanced control is the key to Fan On *Plus*™ technology, Bryant's adjustable constant fan function.
- 4 EXTRA-QUIET OPERATION**
Low heat operation, along with reductions in burner noise, inducer noise and fan noise all contribute to quieter operation.
- 5 ADDED SAFETY**
Our exclusive Blocked Vent Safeguard™ protection means this furnace shuts down if a common vent is obstructed, keeping potentially harmful flue gases away from your living areas.
- 6 IMPROVED SERVICEABILITY**
1/4-turn door latch(es), a convenient pull-out blower assembly, enhanced sight glass and a brighter LED make this unit easier for your dealer to access, diagnose and maintain for years of trouble-free operation.
- 7 MINIMAL AIR LEAKAGE**
Our tightly sealed blower cabinet meets strict air leakage standards required in some areas of the country. Ask your dealer about rebates in your area.

Model 314



Air Conditioner and Gas Furnace System



Heating & Cooling Systems

A Member of the United Technologies Corporation Family.
Stock Symbol UTX.

01-8314-000-25

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7310 West Morris Street, Indianapolis, IN 46231

Visit our website at www.bryant.com

Before purchasing this appliance, please read the important energy cost and efficiency information available from your dealer.

Manufacturer reserves the right to discontinue, or change, at any time, specifications or designs without notice and without incurring obligations.

