



**VARIABLE-CAPACITY  
GAS FURNACE**

**THE PLUS 80v™**

**MODEL 315 MULTI-POISE**

**WITH PERFECT HEAT PERFECT HUMIDITY**



**The Perfect Choice for Quiet, Year-Round Comfort.**

# Perfect Heat Perfect Humidity

Snow, ice and chilly temperatures are just the motivation we need to sit back, relax and enjoy the benefits of the Bryant Plus 80v with Perfect Heat Perfect Humidity.

The Plus 80v is our most sophisticated 80% AFUE (Annual Fuel Utilization Efficiency) furnace, offering even, comfortable heating, exceptional humidity control, and extra quiet operation. More than just a furnace, it's the primary building block to a complete, year-round comfort system. Truly exceptional in every way, the Plus 80v is backed by Bryant's commitment to do whatever it takes to make your home more comfortable.



## WARRANTY

*Bryant puts its confidence in writing with whole product and component-specific warranties. The heat exchanger is covered with a twenty-year limited warranty. The entire unit is covered by a five-year limited warranty. Extended warranties are also available. Ask your Bryant dealer for details.*



## Experience Perfect Heat Perfect Humidity.

Every winter a wide range of temperature and weather conditions challenges our ability to stay comfortable. For soothing, indoor comfort throughout the season, you need a furnace that offers the ability to adjust, automatically, to changing comfort needs. That's the Plus 80v.

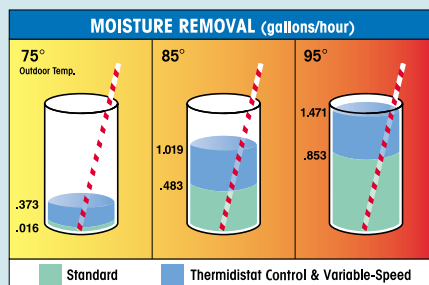
The technology driving this furnace includes variable speed motors, an "intelligent" electronic control and a two-stage gas valve. These components work in concert to create a masterful blend of warmth, quiet operation and economy. You'll enjoy the extra comfort while saving money with year-round electrical efficiency.

Here's how the Perfect Heat system works: At start-up, low stage heating gently circulates warm, comfortable air into your living space. The Plus 80v operates on low-stage heating up to 90% of the time to deliver consistent, quiet comfort. Because the air circulates gently, the Plus 80v virtually eliminates up-and-down temperature swings and pockets of hot and cold air associated with standard furnaces. When conditions change, the intelligent control board automatically adjusts to deliver the best possible combination of comfort and energy efficiency.

Add a Bryant air conditioner or heat pump, and our patented Thermidistat™ Control or ZonePerfect Plus system, and the Plus 80v becomes the foundation of

a Perfect Humidity system. A Perfect Humidity system monitors and controls the two most critical factors of indoor comfort: temperature and humidity. While most systems can provide some level of humidity control during heating or cooling cycles, Perfect Humidity is the ONLY system available that can provide superior dehumidification between cycles. For additional humidity control and comfort, Bryant's SmartEvap™ feature shuts down blower operation when moisture builds on the indoor coil.

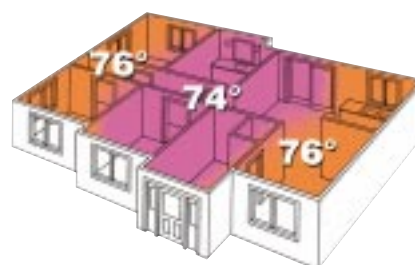
Why is humidity control so important? By maintaining proper humidity levels, Perfect Humidity helps you feel more comfortable at lower temperature settings in the winter and higher settings in the summer. At the same time, you'll enjoy greater energy efficiency because of the reduced demands on your system.



*As the summer heats up, Perfect Humidity outperforms standard systems in moisture removal. That means greater year-around comfort.*



**STANDARD FURNACE**



**THE PLUS 80V**

*The Plus 80v, with gentle and steady year-around fan operation, keeps temperatures consistent from room to room. Standard systems let air stagnate, forming uneven pockets of hot and cold air.*



# Delivers Year-Round Comfort.

## Better Components, Enhanced Comfort.

**1 SMOOTH, CONSISTENT AIRFLOW** throughout the home starts with our variable-speed blower. This direct-drive motor operates on 40% longer cycles while using 60% less electricity than standard, single-speed blowers. Low-speed airflow means consistent, quiet comfort.

**2 INTELLIGENT TEMPERATURE & HUMIDITY CONTROL** means all you do is set your desired comfort levels on the thermostat. Our sophisticated control board automatically sets the proper system speed for best comfort and efficiency. During continuous fan operation, the Fan On *Plus*™ feature allows you to select the fan speed that provides the best comfort.

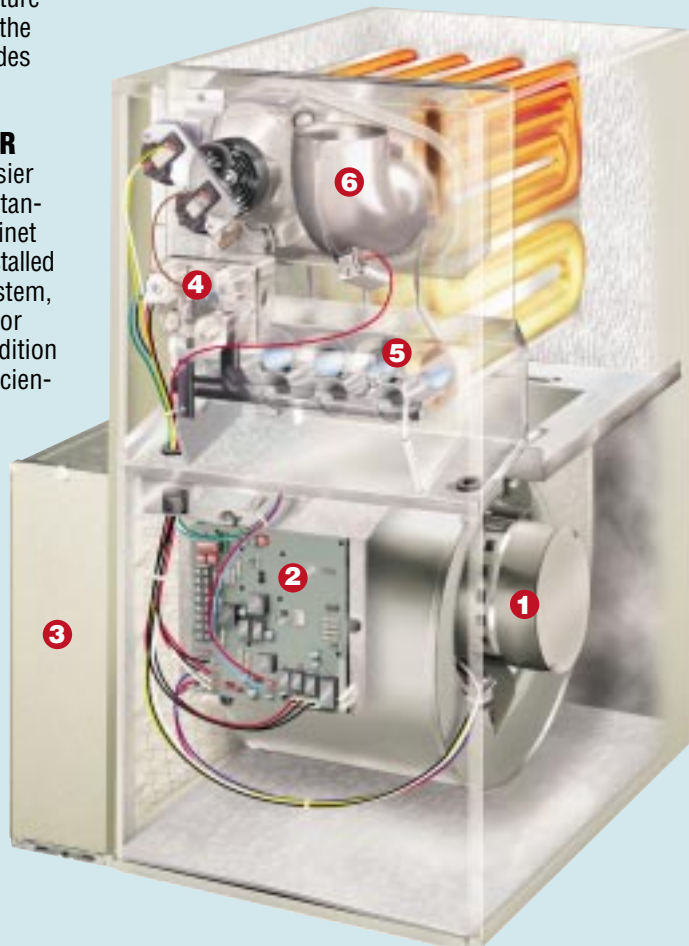
**3 IMPROVED INDOOR AIR QUALITY** is easier than ever with our standard air cleaner cabinet accessory. When installed as a part of your system, this cabinet allows for easy, convenient addition of a Bryant high-efficiency media filter. Ask your Bryant dealer if the air cleaner cabinet will work with your specific application.

**Model 315**  
shown with Bryant  
High Efficiency  
Media Filter - sold  
separately.

**4 GAS EFFICIENCY & COMFORT** are two reasons we include a two-stage gas valve. This valve automatically adjusts between high and low stage operation to best match your comfort needs.

**5 EXTRA-QUIET OPERATION** allows you to enjoy all the extra comfort of the Plus 80v in peace. Low-stage operation means less blower noise and less noise from air turbulence in the ductwork. Reductions in burner noise, inducer noise and fan noise also contribute to the reduced sound levels.

**6 ADDED SAFETY** is provided by our exclusive blocked vent safeguard protection. This function shuts down furnace operation if a common vent is obstructed. That means your family is protected from harmful flue gases that could escape into your living area.



## Designed To Fit.

The Plus 80v now features a multi-poise design that allows maximum flexibility of installation no matter what type of home you own or where you live. A patented heat exchanger has allowed us to reduce cabinet height to a compact, 33-1/3" for a better fit in smaller spaces. All of these features and more make the Plus 80v with Perfect Heat Perfect Humidity an outstanding choice for heating this winter and comfort all year long.



*Bryant's optional Thermidistat™ Control is a key component of our Perfect Humidity system. This system control monitors both temperature and humidity levels, then signals the Plus 80v to make adjustments needed to maintain your desired year-around comfort.*

# Improving America's Comfort Since 1904.

There's nothing like enjoying some quality time in the comfort of your home. That's why Bryant has become such a well-known name to generations of Americans. Starting with a simple gas valve in 1904, Bryant has earned a reputation of doing whatever it takes to meet or exceed the comfort expectations of homeowners like you. Today, with the Plus 80v gas furnace, that tradition continues.

We boast about our products, but earning your trust goes beyond nuts and bolts. It includes providing professional, quality service. That's where your local Bryant dealer enters the picture. Your local dealer is familiar with competitive manufacturers, but chooses to associate with Bryant. He is the key to matching our complete line of furnaces, air conditioners, heat pumps, humidifiers, air cleaners, ventilators, zoning, controls and indoor coils to create a system that best meets your unique needs. Ask your Bryant dealer how the Plus 80v can be the solution for improved comfort in your home.



**Central Air Conditioner and Gas Furnace System**

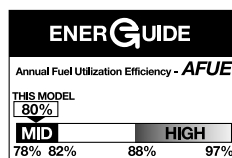


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Manufacturer reserves the right to discontinue, or change, at any time, specifications or designs without notice and without incurring obligations.



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