



# The Plus 80x™ Gas Furnace

MODEL 313 Multi-Poise



*Preferred*™  
**SERIES**

# Enjoy Warm, Winter Heating and

## Preferred By Americans Since 1904

Bryant® has been North America's preferred choice for home comfort since 1904. Through the commitment and dedication of our product development and manufacturing teams, we have consistently met every new challenge head-on and delivered the products trusted by a nation. Today, as consumers place greater emphasis on value and long-term cost savings, Bryant proudly offers a quiet, energy efficient gas furnace designed to help lower your cooling bill as well - the Plus 80x™ gas furnace.

A furnace is a vital component to your cooling system because it circulates cool, conditioned air throughout your home. The Plus 80x gas furnace can help reduce cooling costs of selected air conditioners and offers comfort-enhancing features such as the SmartEvap™ humidity control function when paired with an



outdoor condensing unit and a Thermidistat™ control. Designed, built and backed by the most reliable name in the business, and installed by your trusted and professional Bryant dealer, the Plus 80x gas furnace provides the comfort and efficiency you and your family deserve.

## Saves Money and Saves Space, Too

The Bryant® Plus 80x™ gas furnace does a great job delivering quiet, efficient and warm winter comfort. When combined with an air conditioner, it also helps deliver relief from those warm, sticky summer days. And, it can help selected 13 and 14 SEER Bryant air conditioners achieve added energy efficiency by up to 1.5 SEER\*. This furnace can provide an economical solution for achieving higher cooling efficiencies while also delivering on your need for a high quality gas furnace.

All of this performance is packed into a versatile cabinet designed to fit in virtually any home. Just 33-1/3" tall and with the ability to install in all four standard positions as well as offering thirteen venting options, the Plus 80x gas furnace has the versatility to meet nearly every possible installation challenge. And no matter how it's installed, you can count on great performance.

*\*As compared to the Air-Conditioning, Heating and Refrigeration Institute's standard coil-only rating when paired with selected Bryant evaporator coils.*

## Quiet Comfort For Every Season

The Plus 80x™ gas furnace is a great value in heating comfort. And when we talk about comfort, we look beyond basic temperature control to creating a more inviting home environment. With the Plus 80x furnace, that means noise reduction through a sealed combustion system, redesigned door, blower

cabinet insulation and vibration-absorbing grommets and cabinet seal. Down to the last detail, Bryant has always done whatever it takes to make better products, and the Plus 80x gas furnace has proven its value in homes just like yours.

# and Relax in Comfort



## Warranty

To the original owner, the Bryant Plus 80x model 313 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 restrictions are not allowed will automatically receive a 10-year parts limited warranty. See warranty certificate at [bryant.com](http://bryant.com) for complete details.

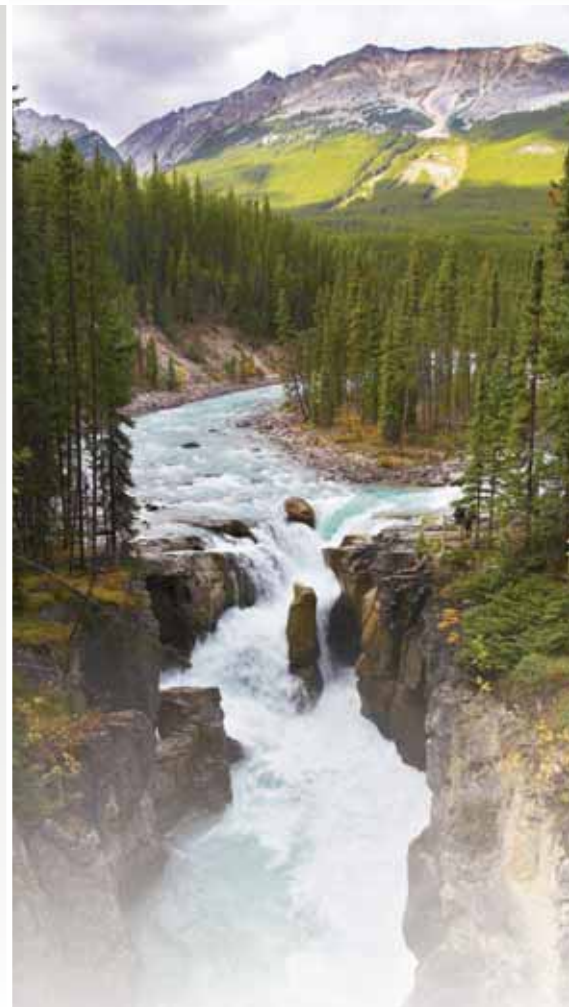
## Performance



## Enhanced Ventilation, Better Comfort

The Plus 80x™ gas furnace can improve comfort all year long through ventilation control with Bryant's Fan On Plus™ technology. When combined with a compatible thermostat, Fan On Plus™ technology lets you select from three different continuous fan speeds at the thermostat so you can maintain your comfort with larger than usual gatherings or changing weather conditions.

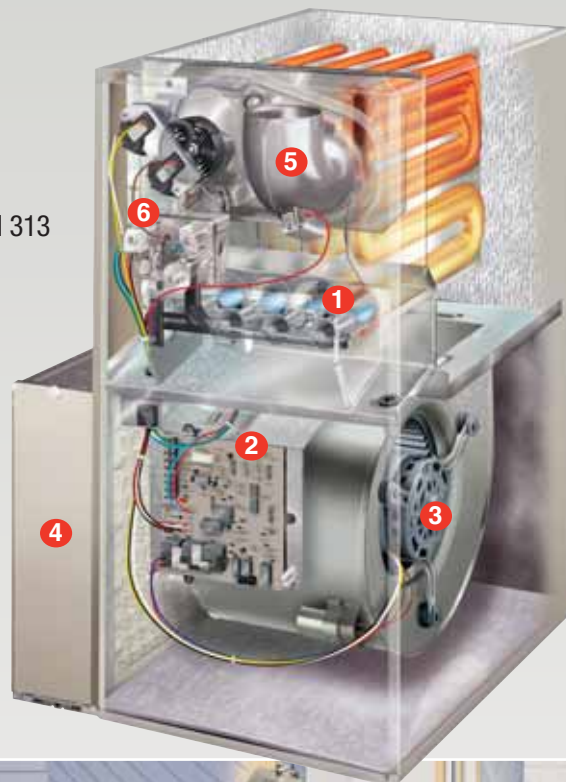
*Include our patented Preferred™ Series Thermidistat™ control with your Plus 80x™ gas furnace and air conditioner and you'll enjoy consistent humidity control all year long and the additional comfort of SmartEvap™ technology. This function helps the Plus 80x™ gas furnace work with your air conditioner to reduce humidity by an additional 10% over a standard system during cooling season.*



## Home Comfort Components

- 1 RELIABLE, EFFICIENT START UP**  
 The Plus 80x™ gas furnace uses hot surface ignition to ensure reliable start up every time your system calls for heating.
- 2 RESPONSIVE COMFORT CONTROL**  
 Our sophisticated furnace control answers the call for comfort with responsive, reliable system control from startup to shutdown. This component is also the key to Fan On Plus™ technology, Bryant's adjustable constant fan function (requires compatible thermostat).
- 3 ENERGY-SAVING BLOWER**  
 The electronically controlled, programmed blower provides airflow optimized for your home's needs. The blower motor offers higher efficiency performance than most standard, PSC-type motors.
- 4 IMPROVED INDOOR AIR QUALITY**  
 Our standard air cleaner cabinet accessory helps enhance the quality of your indoor air. When installed as a part of your system, this cabinet allows the easy and convenient addition of a Bryant® high-efficiency air filter (filter sold separately).
- 5 GAS EFFICIENCY**  
 Our inducer fan draws the precise amount of air needed through the system's heat exchanger for enhanced heating performance and gas efficiency.
- 6 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.

Model 313



Air Conditioner and Gas Furnace System

**bryant** **WHATEVER IT TAKES**™

Heating & Cooling Systems

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

01-8313-100-25

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Visit our website at [www.bryant.com](http://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.



Printed on recycled paper.



ENERGUIDE	
Annual Fuel Utilization Efficiency - AFUE	
THIS MODEL	80%
MID	HIGH
78% 82%	88% 97%