



# 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.

## A Better Solution for Year-Round Efficiency

Unlike typical furnaces, the Plus 80x™ gas furnace can enhance the efficiency of selected Bryant air conditioners during cooling season.\* The secret is the electronically controlled, ECM blower motor. This motor quietly and efficiently delivers conditioned air throughout the home during both heating and cooling

modes, which can increase the efficiency of your air conditioner and thus result in lower year-round utility costs and may even help you qualify for regional rebates. Your dealer can help you determine if your local utility company offers ECM motor incentives.



*Select 13 SEER Bryant air conditioner and select Bryant evaporator coil paired with typical gas furnace*



*Same air conditioner and evaporator coil paired with the Plus 80x gas furnace*

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



# and Relax in Comfort



## Performance



## 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 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 benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate at [bryant.com](http://bryant.com) for complete details.

## Saves Money and Saves Space, Too

The Bryant® Plus 80x™ gas furnace does a great job delivering quiet, efficient and warm winter comfort. 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.

## 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 gas 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.

## Efficient Control

Bryant offers a complete line of easy-to-use thermostats that can improve the efficiency and reliability of your indoor comfort system. Include our patented Preferred™ Series Thermidstat™ control with your Plus 80x™ gas furnace and air conditioner and you'll enjoy the additional comfort of SmartEvap™ technology. This function helps the Plus 80x gas furnace work with your air conditioner during cooling season to reduce humidity over a standard system by an additional 10%.



## 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 start up 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 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.
- 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 313



Air Conditioner and Gas Furnace System



Heating & Cooling Systems

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

01-8313-302-25

© Bryant Heating & Cooling Systems 2013  
7310 West Morris Street, Indianapolis, IN 46231

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.

