

# LEGACY™ LINE

80% GAS FURNACES

**bryant**

Heating & Cooling Systems

**WHATEVER  
IT TAKES.®**



**Trusted Comfort, Plus Exceptional  
Service From Your Bryant Dealer**

**LEGACY™  
LINE**

Models 311 and 310

# Top Reasons It Takes Bryant®



## PASSIONATE SERVICE

Bryant dealers do more than just deliver quality products like our Legacy™ 80% AFUE gas furnaces. They also deliver knowledge, experience and Whatever It Takes® to get each job done right, the first time. You and your system will receive the attention to detail and professional service delivered only by Bryant dealers.

## EXCEEDING EXPECTATIONS

With more than 100 years of experience, Bryant offers a full lineup of products designed with whole-home comfort in mind. Through innovative design and rigorous testing, our products are built to exceed expectations, backed by Bryant warranty protection.

## CUSTOMIZED COMFORT SOLUTIONS

Heating and cooling solutions are not one size fits all. Our dealers provide solutions based on your specific needs. From financing and rebates to reliable products professionally installed, Bryant provides options that help keep you and your wallet comfortable.

## SAFETY FIRST

Bryant takes quality and reliability seriously, and we especially take pride in offering products designed with your safety in mind. Our 80% AFUE gas furnaces offer a number of built-in safety features including our exclusive blocked vent safeguard.

## Customized Comfort On Three Different Levels

There is a Bryant gas furnace for nearly any heating need or budget. Your Bryant dealer can help you decide which is right for you. For a dependable value in warm, winter comfort, choose one of our Legacy™ Line 80% AFUE models.

**EVOLUTION**  
SYSTEM

*Preferred*  
SERIES

**LEGACY**  
LINE

### Energy Management

#### Two-Stage Operation

Our Perfect Heat® technology feature monitors and adjusts operation for optimal performance based on current and past conditions

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#### Single-Stage Operation

Solid, dependable performance that delivers 80% AFUE gas efficiency

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### Humidity Management

#### Perfect Humidity® technology

This proprietary feature leverages multi-speed systems to maximize humidity removal without over-cooling

#### SmartEvap™ technology

Reduces indoor humidity by preventing condensate from dehumidification from recirculating into the home

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#### Basic Humidity Management

Provides basic humidity removal during cooling operation

### Airflow Management

#### Fan-On Plus™ technology

Enjoy enhanced ventilation control with the ability to change fan speeds from a compatible thermostat

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### Comfort Management

#### Evolution® Connex™ Control

Our most capable and complete comfort control with full-color touch-screen and available wireless access to temperature, humidity, ventilation and more

#### Variable-Speed Operation

Low speeds enhance comfort with consistent temperature, reduced hot/cold spots and drafts, and superior humidity management. Higher speeds maintain your comfort in more extreme conditions

#### Housewise™ Wi-Fi® Thermostat

This deluxe comfort control looks great and performs even better. Wireless operation, touch screen, energy use tracking and usage reports

#### Constant Air Movement

Delivers quiet, even temperature control, humidity control and greater comfort

#### Bryant® Wi-Fi® Thermostat

Our more basic model with remote access, full programming and energy use monitoring

#### Single-Speed

Solid, reliable performance that delivers comfort when you need it

### Warranty

To the original owner, the Bryant Legacy 80% AFUE gas furnaces are 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.

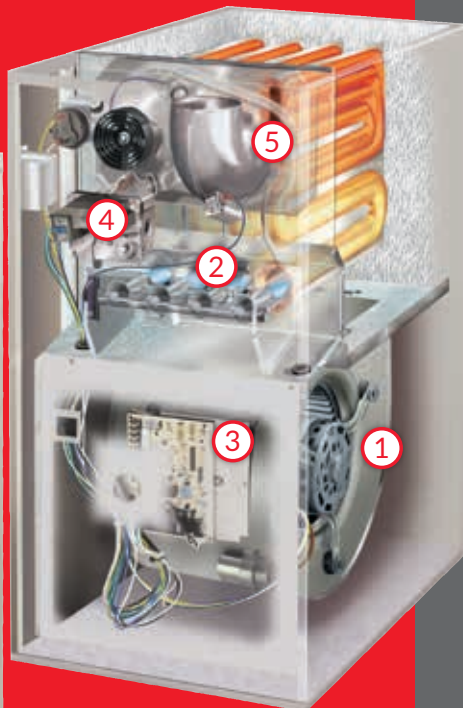
\*The limited warranty period is 5 years on parts and 20 years on heat exchangers if not registered within 90 days. Jurisdictions where warranty benefits are not conditioned on registration will automatically receive a 10-year parts limited warranty and a 20-year parts limited warranty on the heat exchanger. See warranty certificate at [bryant.com](http://bryant.com) for complete details and restrictions.

# Home Comfort Components

80%  
AFUE

AFUE (Annual Fuel Utilization Efficiency) is a measure of how efficiently your furnace converts the energy from fuel into heat.

MODEL 311



## 1 GAS EFFICIENCY

Our inducer fan draws the precise amount of air needed through the system's heat exchanger for efficient heating performance.

## 2 RELIABILITY

Count on the Bryant® Perfect Light™ igniter to reliably bring the heat when you need it.

## 3 INTELLIGENT OPERATION

You could say we control our own destiny, because we are the only manufacturer that designs both the furnace AND the control board. Bryant's patented furnace control does the thinking for you to deliver solid, reliable performance along with comfort-enhancing Fan On Plus™ adjustable constant fan function.

## 4 PRECISION FUEL MANAGEMENT

Our precision gas valve delivers exactly the amount of fuel your home needs.

## 5 ADDED PROTECTION

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.



## FAN ON PLUS™ TECHNOLOGY

Fan On Plus™ improves comfort all year long by allowing you to select different fan speeds during continuous fan operation to achieve more or less airflow as needed.

## Thermostats

Bryant offers a range of solutions for managing your system. Whether you're looking for Wi-Fi® thermostats with energy reporting for the ultimate in connected control, zoning management or more basic thermostats—you'll have the system control you want.

### Housewise™ Wi-Fi® Thermostat



The Housewise thermostat is your gateway to comfort management. It can save homeowners an average of 20% on their heating and cooling energy costs.\* With Wi-Fi® capability, you can access your system 24/7 from almost anywhere and view detailed energy reporting from your tablet or web portal. Combine that with custom energy tips and you can make informed decisions about when and how to save even more money.

### Bryant® Wi-Fi® Thermostat



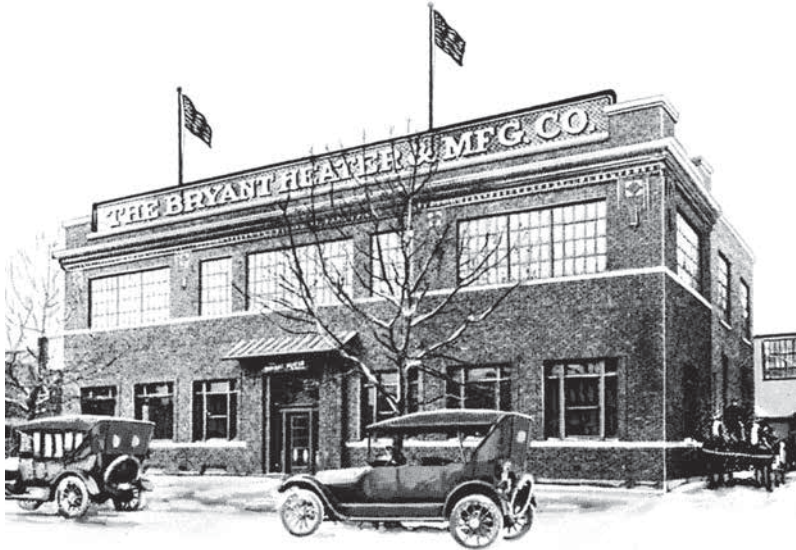
This thermostat is about more than simply giving you remote access. It's about helping you save money on energy through advances in programming design, smart recovery and energy use reporting. You can see when you're spending the most on energy and tailor your settings to save. And, when you're not home, this thermostat will work to heat or cool the most efficient way possible for your system type and brand.

\*Based on a 2012 third party study comparing Bryant Housewise™ technology to the estimated cost of a non-programmable thermostat set to 72° F at all times. Wi-Fi® is a registered trademark of Wi-Fi Alliance Corporation.

For more than a century, homeowners have associated Bryant® heating and cooling products with the highest standards of indoor comfort and Bryant dealers as service leaders. Through commitment and dedication of our product development and manufacturing teams, we have consistently met every new challenge head-on and delivered the products to meet or exceed expectations. Our national network of passionate Bryant dealers is at the forefront of our success. Knowledgeable in the field, and equipped to address your home comfort needs, our dealers deliver customized comfort solutions to you and your family by doing...

**WHATEVER IT TAKES.®**

Since 1904



Heating & Cooling Systems

Visit our website at [Bryant.com](http://Bryant.com)

