

# PREFERRED™ SERIES

PACKAGED HEAT PUMP & HYBRID HEAT®  
DUAL FUEL SYSTEM MODELS

**bryant**

Heating & Cooling Systems

**WHATEVER  
IT TAKES.®**



Enhanced Comfort and Energy  
Savings, Plus Exceptional Service  
From Your Bryant® Dealer

*Preferred*™  
SERIES

Models 677E & 607E

# Top Reasons It Takes Bryant



## PASSIONATE SERVICE

Bryant dealers do more than just deliver quality products like our Preferred™ Series small packaged HYBRID HEAT® and packaged heat pump models. 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.

## NEW CONVENIENCES

With a diverse line of products to address almost any need, including programmable thermostats with Wi-Fi® capabilities, convenient comfort can be yours when you choose Bryant.

## 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.

## EFFICIENCY & SAVINGS

High-efficiency comfort systems can reduce your energy consumption and carbon footprint. By reducing monthly utility bills over the life of your system, you'll see how efficient equipment pays off.

## Customized Comfort on Two Levels

There is a Bryant packaged comfort system for almost any need or budget. Your Bryant dealer can help you decide which is right for you. For higher performance and enhanced comfort features, choose one of our Preferred™ Series models.

### Preferred™ SERIES

### LEGACY™ LINE

#### Energy Management

#### HYBRID HEAT® Dual Fuel System

Offering two options for heating – a gas furnace and an electric heat pump - this system automatically selects the most efficient fuel source for current conditions.

#### Two-Stage Operation

Nearly continuous low-stage heat pump operation reduces energy consumption. High-stage operation maintains your comfort as conditions mandate.

#### HYBRID HEAT® Dual Fuel System

Offering two options for heating – a gas furnace and an electric heat pump - this system automatically selects the most efficient fuel source for current conditions.

#### Optimized Airflow

Our ECM blower motor is optimized to your home to provide higher efficiency performance than standard blower motors.

#### Humidity Management

#### Two-Stage Cooling

Nearly continuous low-stage cooling provides superior humidity management during summer months compared to single-stage systems.

#### Blower-Enhanced Dehumidification

When combined with our optional Housewise™ Wi-Fi® thermostat, this model provides enhanced summer dehumidification with its ECM blower motor.

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#### Comfort Management

#### Housewise™ Wi-Fi® Thermostat

This deluxe comfort control looks great and performs even better. When you choose this option, you'll enjoy wireless operation, a responsive touch screen, energy use tracking and usage reports.

#### Two-Stage Operation

Reduced up-and-down temperature swings compared to single-stage heat pumps due to longer, low-stage comfort cycles.

#### Bryant® Wi-Fi® Thermostat

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

#### Single-Stage Operation

Solid, reliable performance that delivers comfort when you need it.

#### Sound Management

#### Two-Stage Operation

Delivers low-sound heat pump comfort nearly continuously during low-stage operation.

#### Single-Stage Operation

Smooth-running compressor helps deliver quiet comfort. (Scroll compressor available on select models.)

#### Warranty

To the original owner, Bryant® Preferred™ small packaged heat pumps and HYBRID HEAT® dual fuel systems are covered by a 10-year parts limited warranty upon timely registration of your new equipment.<sup>1</sup> Aluminized heat exchangers carry a 20-year parts limited warranty. Optional stainless steel heat exchangers carry a lifetime parts limited warranty.<sup>2</sup> Copper indoor evaporator coil is covered by a 5-year parts limited warranty. Optional tin-plated evaporator coil is covered by a 10-year parts limited warranty. Ask your Bryant dealer about optional extended warranties, which may include labor.

<sup>1</sup> Warranty period is 5-year parts limited warranty 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.

<sup>2</sup> Warranty period is 20 year parts limited warranty on optional stainless steel heat exchanger if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a lifetime parts limited warranty.

# Home Comfort Components

Up To  
**15.5**  
SEER

SEER (Seasonal Energy Efficiency Ratio) is an average measure of how efficiently your air conditioner uses electricity to provide cooling.

Up To  
**12.5**  
EER

EER (Energy Efficiency Ratio) is a measure of how efficiently your air conditioner uses electricity to provide cooling on hot summer days (measured at 95° F).

**81%**  
AFUE

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

**8.5**  
HSPF

HSPF (Heating Seasonal Performance Factor) is a measure of how efficiently your heat pump uses electricity to heat your home.

MODEL 677E  
Hybrid Heat® Dual Fuel Model



## 1 ENVIRONMENTALLY SOUND

Our scroll compressor is designed for use with Puron® refrigerant to provide quiet, smooth-operating comfort and years of environmentally sound, energy-efficient performance. High- and low-pressure switches and filter drier protect this vital component.

## 2 ENERGY-SAVING AIR MOVEMENT

The electronically-controlled, programmable blower provides airflow optimized to your home and higher energy efficiency compared to most standard PSC motors.

## 3 RELIABLE PERFORMANCE

Our thermostatic expansion valve (TXV) ensures proper refrigerant flow during fluctuating pressures and conditions for consistently reliable performance and efficiency.

## 4 LASTING, EFFICIENT HEATING

Our aluminized steel, tubular heat exchanger provides efficient transfer of heat to indoor air plus lasting corrosion resistance. Upgrade to our stainless steel heat exchanger for even longer lasting corrosion protection. (Model 677E)

## 5 DURABILITY AND INDOOR AIR QUALITY

The interior of our premium base is made of a high-tech, rust-proof composite with sloped drain pan that inhibits mold, algae and bacterial growth through improved drainage. Outside, metal base rails provide added stability and easier dealer handling and rigging.

## 6 RUGGED PERFORMANCE AND FLEXIBILITY

The rugged exterior protects components and enhances performance. A rigid top and large fan opening contribute to quiet, efficient airflow. Solid cabinet base panels shield the interior from dirt, debris and moisture. The cabinet design also allows flexibility for ground or rooftop installation.

## 7 COOL, CORROSION-RESISTANT COMFORT

Our standard copper tube/aluminum fin coil delivers excellent cooling performance and durability. For added corrosion protection, ask your dealer about our optional DuraCoat™ tin-plated coil.

## 8 AVAILABLE ENHANCED DEHUMIDIFICATION

Our optional Housewise™ thermostat works with the ECM blower motor to help enhance summer dehumidification for improved comfort and efficiency.

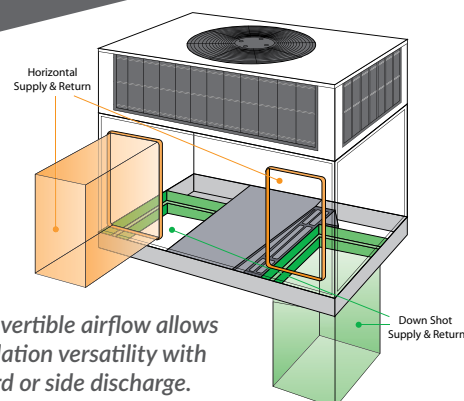
## Controls

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, advanced communicating controls, zoning management or more basic thermostats—you'll have the system control you want.

Bryant®  
Thermidistat



Housewise™ Wi-Fi®  
Thermostat



*Field-convertible airflow allows for installation versatility with downward or side discharge.*



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...

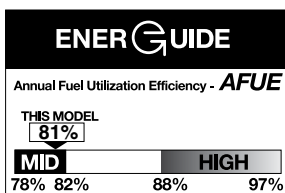
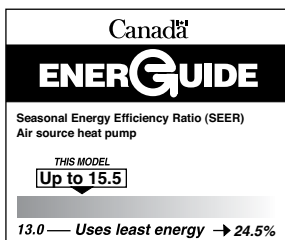
**WHATEVER IT TAKES.®**

Since 1904



Heating & Cooling Systems

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



Always Ask For  
**FACTORY  
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PARTS**

