



Packaged HYBRID HEAT® Dual Fuel System  
with Puron® Refrigerant  
MODEL 677E



*Preferred*™  
**SERIES**

Heats. Cools. Saves.  
**HYBRIDHEAT®**



# Enjoy Control Over Home

## America's Preferred Name in Comfort

When your family needs relief from summer's heat or winter's chill, it's comforting to know you've put your trust in Bryant. Bryant has been America's preferred source for home comfort since 1904. We've built a solid reputation by delivering on our promise of comfort, reliability and value. Today, as increased efficiency requirements impact home comfort technology, Bryant responds with products like the Model 677E Packaged HYBRID HEAT® Dual Fuel System with Puron® refrigerant.

The Bryant® Model 677E delivers the comfort you deserve with up to 15.5 SEER (Seasonal Energy Efficiency Ratio) / 12.5 EER cooling, up to 80.1% AFUE gas heating and up to 8.5 HSPF (Heating Seasonal Performance Factor) electric heating. And, it's designed, built and backed by America's most reliable source for comfort. When you add professional installation by your trusted local Bryant dealer, the Model 677E is an excellent choice for environmentally sound, efficient comfort you can trust.



## Efficiency and Comfort Advantages of up to 12.5 EER

A heat pump's cooling efficiencies are measured by both SEER and EER ratings. Many consumers are familiar with SEER - an average measure of performance under varying conditions throughout the cooling season when a majority of the days reach relatively moderate temperatures. However, it's also important to compare EER ratings - a measure of efficiency at a constant 95 degrees Fahrenheit.

EER ratings more accurately represent your system's ability to provide cool comfort and energy efficiency during the hottest days of the summer. More importantly, a unit with a high SEER doesn't always have a high EER rating as well. That's why Bryant is excited to offer the Model 677E with a high SEER efficiency and high EER efficiency as well.



*The 677E delivers up to 12.5 EER cooling efficiency, meaning you'll stay cool even on the hottest days of the year.*



*Take control of your comfort with one of our Preferred™ Series HYBRID HEAT® Dual Fuel System thermostats or controls. Bryant offers a variety of options to best suit your needs.*

# Comfort and Unpredictable Fuel Costs



## Performance



As an ENERGY STAR® Partner, Bryant Heating & Cooling Systems has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

## 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® Model 677E packaged product is 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> Ask your Bryant dealer about extended service agreements.

<sup>1</sup> Parts limited 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.

<sup>2</sup> Parts limited warranty period is 20 years for 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 for optional stainless steel heat exchanger.

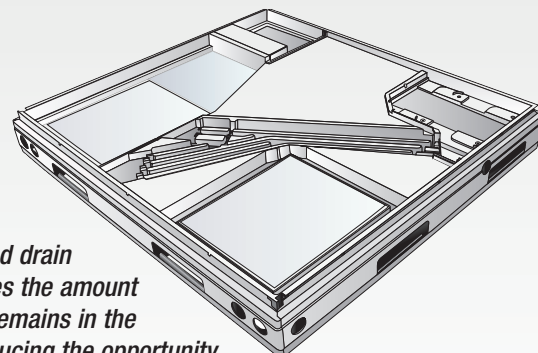
## HYBRID HEAT® Dual Fuel System

The Bryant® Model 677E takes the sting out of heating costs by combining the strengths of two heat sources in one packaged system. This system gives you more control over your monthly heating bills by allowing you to utilize the most economical heating source in your area. Once the system is set, all you have to do is relax and enjoy the comfort. Your HYBRID HEAT® Dual Fuel System will automatically switch between the two fuel sources to not only maintain your comfort, but to deliver on the promise of efficient operation.



## Enjoy Comfort and Reliability

You can count on energy-efficient comfort with features like our electronically controlled blower motor. For peace of mind, the Model 677E is part of the most reliable product line in our company's history. Our rugged, high-tech base combines a lightweight, rust-resistant composite interior with outer base rails for easier rigging, installation and handling. The unit's interior is protected from moisture with our solid side panels and raised grill/coil configuration. And, three access panels make dealer installation and routine maintenance easier. Designed, built and tested with the most rigorous evaluation standards in the industry, the Model 677E can be the preferred answer for your high-efficiency, high-dependability comfort needs.



*The integrated sloped drain pan design minimizes the amount of condensate that remains in the indoor air cavity, reducing the opportunity for mold, mildew and odors to form.*



## Home Comfort Components

### 1 ENVIRONMENTALLY SOUND, ENERGY-EFFICIENT

Our two-speed compressor is designed for use with Puron® refrigerant to provide quiet, smooth-operating comfort and years of environmentally sound, trouble-free performance.

### 2 ENERGY-SAVING BLOWER OPERATION

The electronically controlled motor (ECM) provides airflow optimized for your home's needs. The blower motor offers higher efficiency performance than most standard PSC-type motors.

### 3 RELIABLE PERFORMANCE

Our Thermostatic Expansion Valve (TXV) ensures proper refrigerant flow during fluctuating pressures and conditions for top reliability and energy-efficient operation.

### 4 LASTING COMFORT

Our aluminized steel, tubular heat exchanger provides efficient transfer of heat to indoor air while offering lasting corrosion resistance. For even longer lasting comfort, upgrade to our stainless steel heat exchanger.

### 5 DURABILITY AND INDOOR AIR QUALITY

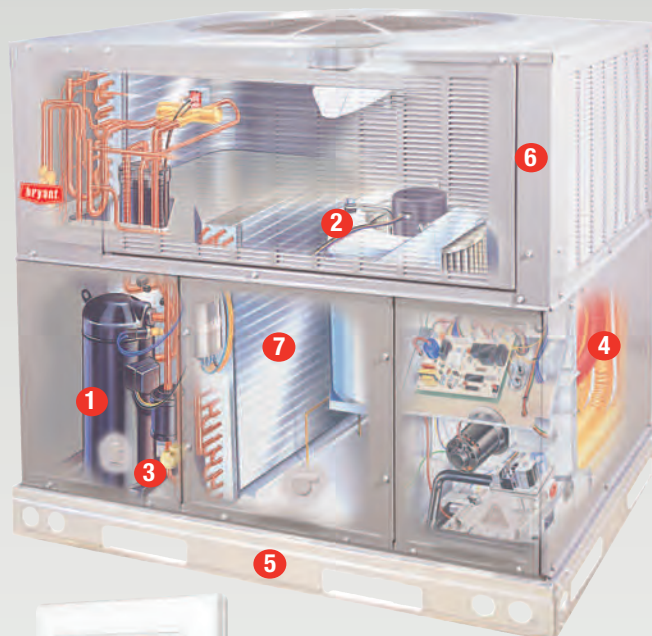
On the inside, our premium base is made from a high-tech composite material that will not rust. Sloped drain pan improves drainage to help inhibit mold, algae and bacterial growth. Outside, metal base rails provide added stability as well as easier dealer handling and rigging.

### 6 LASTING LOOKS AND PROTECTION

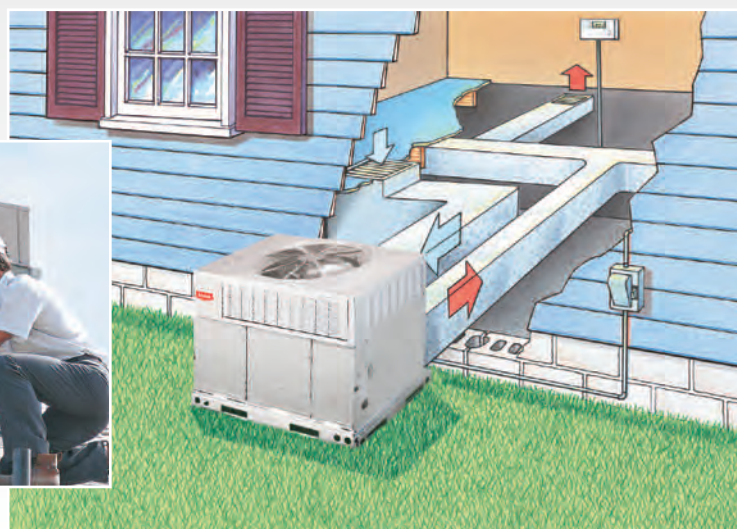
Rugged exterior enhances unit performance while providing solid protection. Rigid top with large fan opening promotes efficiency and quiet operation. Solid cabinet base panels protect against infiltration of dirt, debris and moisture. Three access panels make installation and routine maintenance easy.

### 7 ENHANCED DEHUMIDIFICATION

The Bryant® optional, patented Thermidstat™ Control helps the Model 677E provide enhanced moisture removal for improved summer comfort and efficiency.



Model 677E



Packaged HYBRID HEAT® Dual Fuel System



Heating & Cooling Systems

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

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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.

