



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



*Preferred*<sup>™</sup>  
**SERIES**

Thinks. Heats. 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 environmental requirements impact home comfort technology, Bryant responds with products like the Model 677C Packaged HYBRID HEAT® Dual Fuel System with Puron® refrigerant.

The Bryant Model 677C delivers the comfort you deserve with extra-economical 14 SEER / 12 EER cooling, 81% AFUE gas heating and 8.0 HSPF electric heating. It satisfies future requirements for environmentally sound air conditioning with Puron® refrigerant. 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 677C is an excellent choice for environmentally sound, efficient comfort you can trust.



## Efficiency and Comfort Advantages of 12 EER

Most consumers don't realize that a heat pump's cooling efficiencies are measured by both SEER and EER ratings. Many 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 - a heat pump's measured 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 677C with both a high 14 SEER efficiency and a high 12 EER efficiency as well.



*The 677C delivers 12 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



## Warranty

To the original owner, the Bryant model 677C 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 15-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.

## Performance



As an ENERGY STAR® Partner, Bryant Heating & Cooling Systems has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

## HYBRID HEAT® Dual Fuel System

Bryant's Model 677C 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 select the most economical heating source in your area. Once the system is set, all you have to do is relax and enjoy the savings. 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 money-saving operation.



## Environmentally Sound Puron®

The Model 677C uses environmentally sound Puron refrigerant. For many people, that's an important consideration because Freon®-22\*, the refrigerant most commonly used in home heat pumps, is gradually being phased out of existence due to concern over the Earth's ozone layer. Not only is this an advantage environmentally, it's a potentially huge advantage financially as well. As supplies dwindle, costs to service heat pumps using Freon-22 may rise. By choosing the Model 677C with Puron now, you are helping preserve the ozone layer while protecting yourself from potentially expensive service costs down the road. And, because Bryant helped introduce this technology to the home comfort market more than ten years ago, we have more experience with environmentally sound refrigerant products than our competitors.



\* The registered owner of Freon is E.I. DuPont de Nemour & Co.

# Home Comfort Components

**1 ENVIRONMENTALLY SOUND, ENERGY-EFFICIENT**  
**SOUND, ENERGY-EFFICIENT**  
 Our compressor is designed for use with Puron® refrigerant to provide quiet, smooth-operating comfort and years of environmentally sound, trouble-free performance. High and low pressure switches and filter drier all protect this vital component.

**2 ENERGY-SAVING BLOWER OPERATION**  
 The electronically controlled, programmable blower provides airflow optimized for your home's needs. The blower motor offers higher efficiency performance than most standard PSC-type motors.

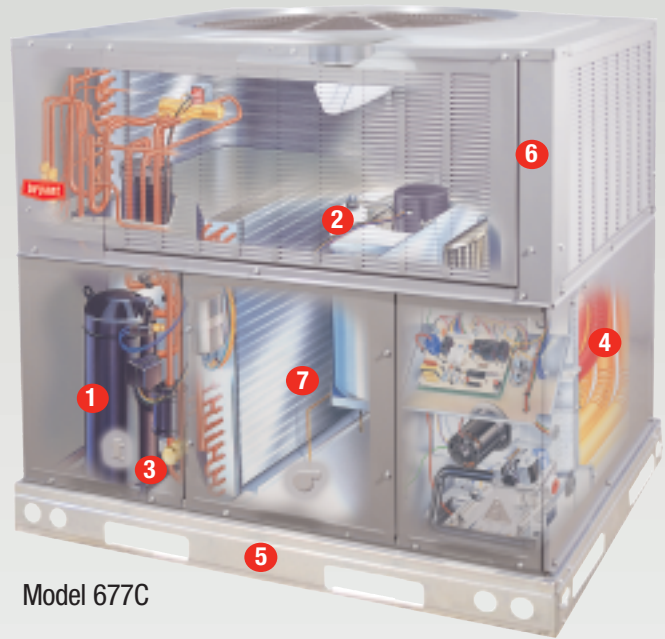
**3 RELIABLE PERFORMANCE**  
 Our Thermostatic Expansion Valve (TXV) ensures proper refrigerant flow during fluctuating pressures and conditions for top reliability and energy-efficient operation.

**4 LASTING COMFORT**  
 Our aluminum 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.

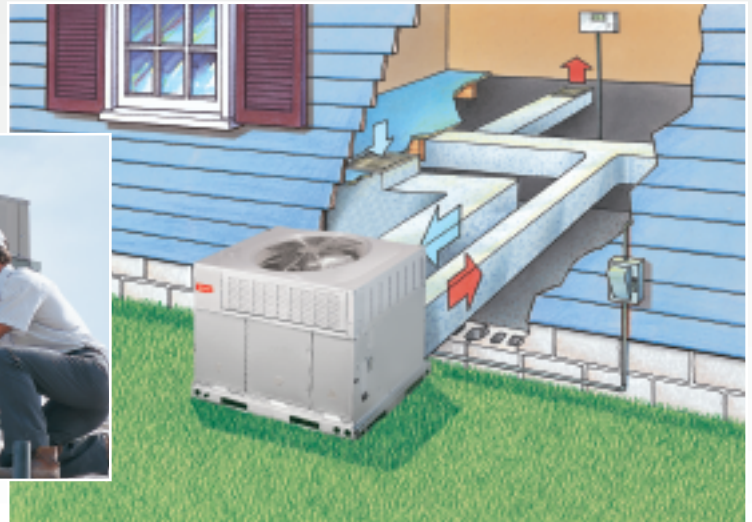
**5 DURABILITY AND INDOOR AIR QUALITY**  
 Built with a high-tech composite material, Bryant's premium EnviroTuff® base will not rust. Sloped design and integrated drain minimize standing water to improve indoor air quality by inhibiting mold, bacteria and algae growth.

**6 LASTING LOOKS AND PROTECTION**  
 Exterior cabinetry is coated with a rugged baked-on enamel finish to provide superior scratch and corrosion resistance. Louvered upper side panels provide proper airflow while protecting the all important coil. Solid cabinet panels at the base of the unit help protect against infiltration of dirt, debris and moisture.

**7 OPTIONAL UPGRADE FOR EXTRA DURABLE PERFORMANCE**  
 Our standard copper tube/aluminum fin coil offers excellent performance and durability backed with a 5-year parts limited warranty. For additional corrosion protection and durability backed by a 10-year parts limited warranty, ask your dealer about our optional tin-plated coil.



Model 677C



Packaged HYBRID HEAT® Dual Fuel System



Heating & Cooling Systems

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

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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.



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