



Packaged Gas Heating/Electric Cooling with Puron® Refrigerant

MODEL 577C



LEGACY™
LINE

Environmentally Sound

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 577C Packaged Gas Heating/Electric Cooling with Puron® refrigerant.

The Bryant® Model 577C delivers the comfort you deserve with extra-economical 14 SEER (Seasonal Energy Efficiency Ratio), 12 EER cooling and 81% AFUE (Annual Fuel Utilization Efficiency) 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 577C is an excellent choice for environmentally sound, efficient comfort you can trust.



Efficiency and Comfort Advantages of 12 EER

When buying a car, most consumers know that the miles-per-gallon rating on the window sticker was attained under carefully controlled conditions. And, you don't just get one rating, you get two – city mileage and highway mileage. The same can be true with published cooling efficiency ratings of packaged gas heating/electric cooling products. Cooling efficiencies are measured by both SEER and EER. Many consumers are familiar with SEER ratings which are an average measure of performance under varying conditions throughout the cooling season when a majority of the days typically reach relatively moderate temperatures.

However, it's also important to compare EER ratings – an air conditioner'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 577C – a system that offers high, 14 SEER efficiency throughout the cooling season while also delivering high, 12 EER efficiency when temperatures soar.



The 577C delivers 12 EER cooling efficiency, meaning you'll stay cool even on the hottest days of the year.



Take control of your comfort with Bryant's optional Housewise™ thermostat. Professionally installed by your trusted Bryant® dealer, the Housewise thermostat is your gateway to average heating and cooling energy savings of 20%.*

HOUSEwise

* 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.

and Cooling and Soothing Gas Heat



Peace of Mind

To the original owner, the Bryant model 577C packaged product is covered by a 10-year parts limited warranty upon timely registration of your new equipment.¹ Aluminized heat exchangers carry a 15-year parts limited warranty. Optional stainless steel heat exchangers carry a lifetime parts limited warranty.² 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.



¹ 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 for complete details.

² 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. Ask your contractor for details or visit www.energystar.gov.

Environmentally Sound Puron®

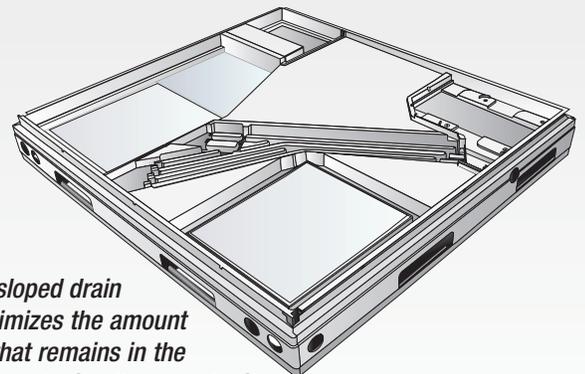
The Model 577C uses environmentally sound Puron® refrigerant. For many people, that's an important consideration because Freon®-22*, the refrigerant most commonly used in home air conditioners, is gradually being phased out of existence due to concern over the Earth's ozone layer. Not only is this an advantage environmentally, it's a potentially huge advantage financially as well. As supplies dwindle, costs to service air conditioners using Freon-22 may rise. By choosing the Model 577C 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.

Enjoy Comfort and Peace of Mind

You can count on energy-efficient comfort with features like our electronically controlled, programmable blower motor. For peace of mind, the Model 577C 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 577C 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 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, 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.

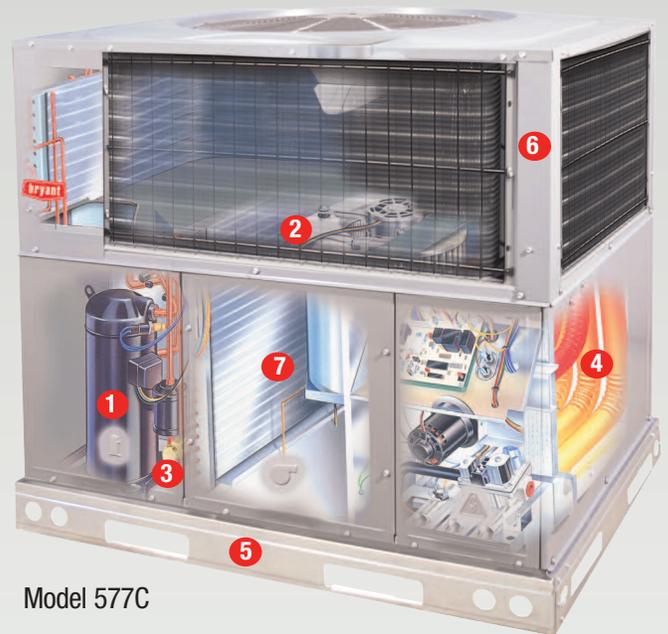
4 LASTING COMFORT
Our aluminized steel, tubular heat exchanger provides efficient transfer of heat to indoor air while offering lasting corrosion resistance. For even longer lasting comfort, upgrade to our stainless steel heat exchanger.

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.

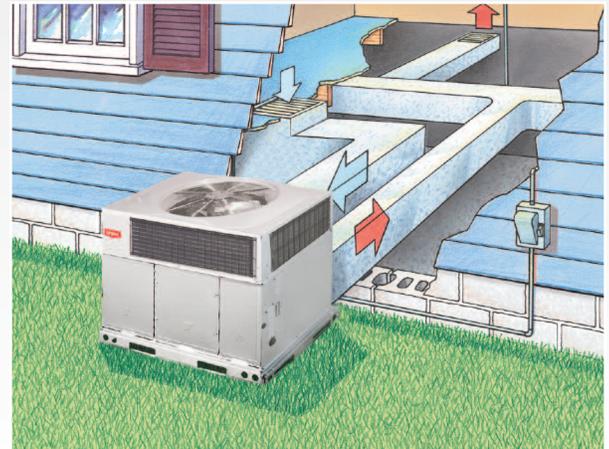
6 LASTING LOOKS AND PROTECTION
Rugged exterior enhances unit performance while providing solid protection. Rigid top with large fan opening promotes efficiency and quiet operation. Solid cabinet base panels protect against infiltration of dirt, debris and moisture. Three access panels make installation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

7 OPTIONAL UPGRADE FOR EXTRA DURABLE PERFORMANCE
Our standard copper tube/aluminum fin coil offers excellent performance and durability. For additional corrosion protection and durability, ask your dealer about our optional DuraCoat™ tin-plated coil.

8 ENHANCED DEHUMIDIFICATION
Bryant's optional, Housewise™ Thermostat helps the Model 577C provide enhanced moisture removal for improved summer comfort and efficiency.



Model 577C



Packaged Gas Heating/Electric Cooling System



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

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Visit our website at 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.

FSC FPO

