



# Two-Stage Heat Pump with Puron® Refrigerant

MODEL 286B



**EVOLUTION™**  
**SYSTEM**



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

# Enjoy the Evolution of Co



## Dependable Comfort Since 1904

Since 1904, Bryant® has built a tradition of comfort by doing whatever it takes to deliver products of superior quality and performance. Thanks to the commitment and dedication of our development and manufacturing teams, homeowners nationwide have learned to count on Bryant for innovative and reliable indoor comfort solutions. Today, with energy costs and environmental awareness on the rise, Bryant offers a solution that provides relief on both counts: the Model 286B Two-Stage Heat Pump with Puron® Refrigerant.

The Bryant Model 286B provides worry-free comfort that won't deplete the Earth's ozone layer. It delivers savings on your energy bills with up to 16 SEER cooling efficiency and 8.5 HSPF heating efficiency. And it can pay you back with U.S. Government tax credits. Designed, built and backed by the most trusted name in the business, and installed by your trusted and professional Bryant dealer, the Model 286B Two-Stage Heat Pump with Puron® Refrigerant provides comfort and savings you can enjoy season after season.



## Enjoy the Benefits of Two-Stage Comfort

The Model 286B, when installed with the optional Evolution® Control and a compatible indoor unit, manages your comfort better than standard single-stage heat pumps. The key is its two-stage operation. Most of the time, this unit operates on low stage to deliver a nearly continuous stream of heating or cooling comfort. Low-stage operation is typically quieter and uses less energy than high-stage opera-

tion. Because air flows at a steady rate for longer periods of time, there are fewer up-and-down temperature swings, fewer hot and cold spots throughout your home and improved air filtration. When conditions require an extra boost of heating or cooling to maintain your comfort, the Evolution Control signals the Model 286B to switch over to high-stage operation and you will continue to enjoy the comfort.



# Comfort & High Efficiency Savings



## Warranty

To the original owner, the Bryant Model 286B heat pump is covered by a 10-year parts limited warranty upon timely registration of your new equipment.\* Ask your Bryant dealer about optional extended warranties which may include labor.

\* Warranty period is 5 years if not registered within 90 days. Jurisdictions where warranty restrictions are not allowed will automatically receive a 10-year parts warranty. See warranty certificate at [bryant.com](http://bryant.com) for complete details.

## Performance



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

## Gain Control Over Unpredictable Energy Costs

As energy costs rise unpredictably, Bryant offers a solution you can get comfortable with – HYBRID HEAT®. By combining the Model 286B Two-Stage Heat Pump with a variable speed furnace and matching control, a HYBRID HEAT system automatically selects to the most economical heating source for your heating needs. This system gives you the ultimate in flexibility to maintain your comfort as weather conditions and energy prices change. And, as a part of this remarkable system, Perfect Humidity® improves your comfort by providing up to 30 times the humidity control of standard heat pumps systems.



## Feeling Good About Feeling Comfortable

With the Model 286B, you join the growing ranks of homeowners who choose environmentally sound Puron® refrigerant. That's important because Freon®-22\*, the refrigerant most commonly used in residential air conditioning systems, is being phased out of existence. In fact, manufacturers such as Bryant can no longer create Freon-22 products as of January, 2010. While these products may continue to be available as inventories last, costs to service heat pumps using Freon-22 may rise as supplies dwindle.



In addition, the Model 286B delivers the peace of mind that comes with choosing a system developed by a company known for its commitment to customer satisfaction. From initial design through product testing and assembly, we go beyond the industry's expectations for quality and reliability to be sure that every unit we make measures up to even tougher standards – yours.

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

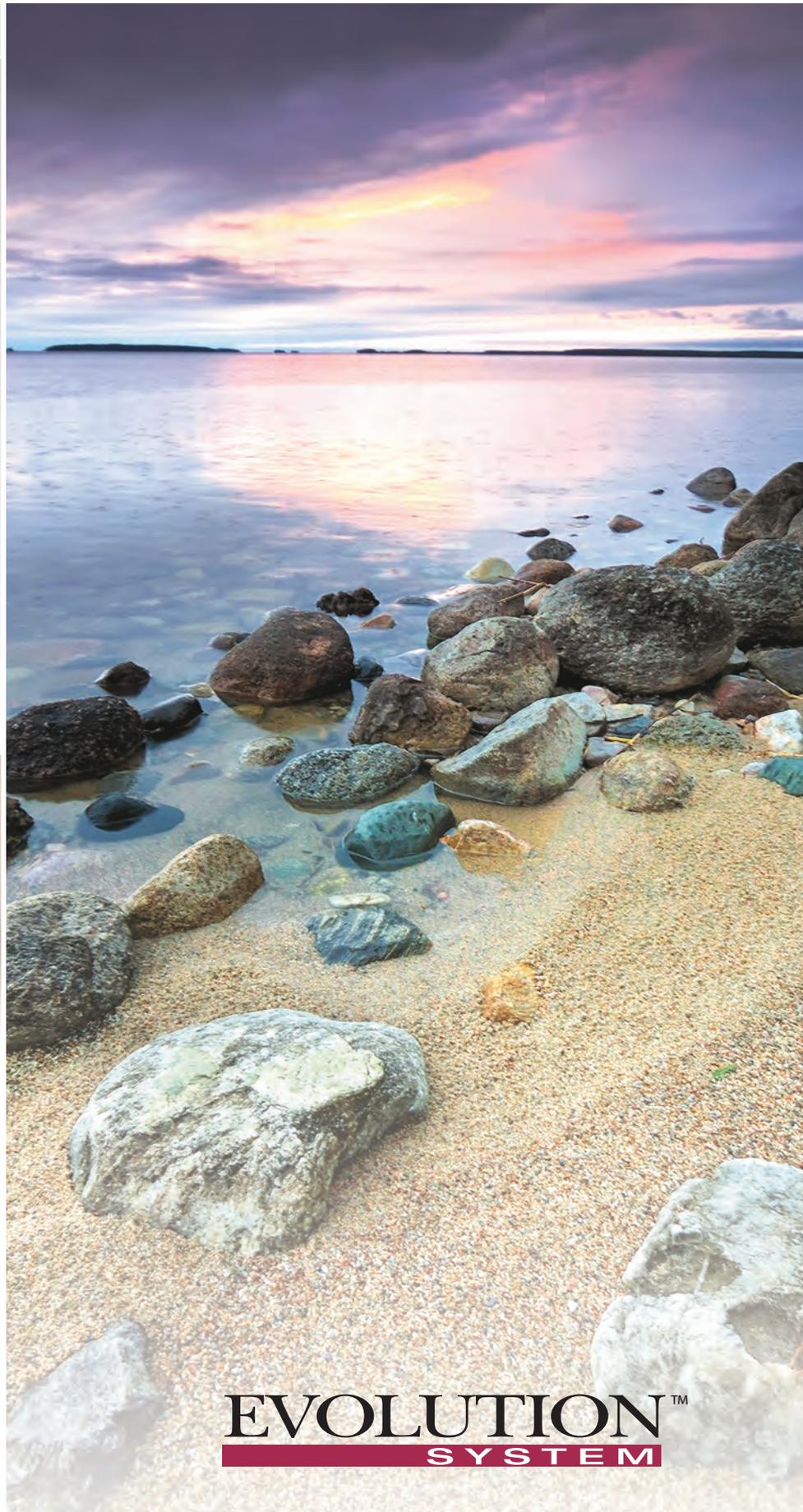
## The Evolution of Comfort

Bryant is at the forefront of a comfort revolution with its exclusive Evolution® System. Starting with the sleek, sophisticated Evolution® Control, this system puts more power and ease-of-use at your fingertips than any other comfort control. Full, seven-day programmability allows precise temperature and humidity control that matches your living schedule. Intelligent electronics track system operation and identifies the very best combination of comfort and energy-saving operation. Accessory and system monitors provide text-based messages on the large LED screen letting you know when it's time for a filter change, routine maintenance and more. And, optional remote connectivity lets you monitor, change and control the system anywhere you have Internet, phone, or cell phone access.

Simple, intuitive and powerful, the Evolution® System truly sets a new standard for excellence in home comfort.



*The optional Evolution® Control is much more than just a thermostat. It is your single source of precision temperature, humidity and indoor air quality control.*



**EVOLUTION™**  
**SYSTEM**

## Prior to Your Purchase

There's a lot to consider when deciding on a new indoor comfort system. Bryant has a history of doing whatever it takes to deliver trusted quality, comfort and value to millions of homeowners nationwide. The Model 286B Heat Pump with Puron® Refrigerant offers an exceptionally comfortable indoor environment with extra-efficient, money-saving operation.

### Efficiency

- Two-stage operation with up to 16 SEER (Seasonal Energy Efficiency Ratio) cooling efficiency and up to 8.5 HSPF (Heating Seasonal Performance Factor) heating efficiency means you'll save money on your monthly utility bills. Enhanced humidity control helps you feel more comfortable at lower temperatures to reduce energy usage. Actual savings will vary based upon the efficiency of your previous system, usage habits and more.

### Comfort

- It starts with the Evolution® System then continues with our exclusive comfort-enhancing Perfect Humidity® function. The Model 286B combines much of Bryant's most sophisticated comfort technology to elevate your home's environment.

### Value

- When you look at the overall picture of enhanced comfort, available tax credits, lower operating costs, long-term availability of Puron® refrigerant and lasting reliability/durability, Bryant delivers an extremely high value with the Model 286B.

## Indoor Air Quality Option Checklist

- |   |  |
|---|--|
| <input type="checkbox"/> Air Cleaners     | <input type="checkbox"/> Fan Coils                     |
| <input type="checkbox"/> Evaporator Coils | <input type="checkbox"/> Evolution® System Control     |
| <input type="checkbox"/> Humidifiers      | <input type="checkbox"/> Evolution® Zoning System      |
| <input type="checkbox"/> Ventilators      | <input type="checkbox"/> Ultraviolet Germicidal Lights |



# Home Comfort Components

## PURON® REFRIGERANT

Bryant's environmentally sound refrigerant keeps you comfortable without depleting the Earth's ozone layer.

- 1 ENVIRONMENTALLY SOUND, EXTRA-EFFICIENT**  
Our two-speed scroll compressor is designed for use with Puron® refrigerant to provide quiet, smooth-operating comfort and years of environmentally sound, trouble-free performance.
- 2 PRECISION COMFORT CONTROL**  
Our electronic control board allows for precise control of two-stage operation and works with the Evolution® Control for the ultimate in comfort control. "Intelligent" circuitry monitors operation and automatically adjusts system settings to maximize comfort and efficiency.
- 3 RELIABLE PERFORMANCE**  
Bryant's Microtube™ Technology refrigeration system with copper tube/aluminum fin coil maximizes transfer of heat outside your home to ensure efficiency. Coil materials and design minimize chances for rust and corrosion for lasting performance.
- 4 QUIET OPERATION**  
AeroQuiet System II™ optimizes airflow and incorporates sound-absorbing materials for minimal vibration and reduced sound. The three keys to this system include: AeroQuiet top, integrated fan motor and fan blade, and sound hood.
- 5 LASTING COMFORT**  
High and low pressure switches and the filter drier protect the unit's most important single component: the compressor.
- 6 BUILT TO LAST**  
Bryant's DuraGuard™ protection package ensures lasting durability and good looks through years of exposure to weather, sports and lawn equipment and more. Three key elements to this package include: galvanized steel cabinet, louvered coil guard and baked on powder paint.



Model 286B



Heat Pump and Fan Coil 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.

