



# Two-Stage Air Conditioner with Puron® Refrigerant

MODEL 180B



**EVOLUTION™**  
**SYSTEM**



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



## Prior to Your Purchase

There's a lot to consider when deciding on a new indoor comfort system. Keep in mind that Bryant has a history of doing whatever it takes to deliver trusted quality, comfort and value to millions of homeowners nationwide. The Model 180B Air Conditioner with Puron® Refrigerant offers an exceptionally comfortable indoor environment with extra-efficient, money-saving operation.

### Efficiency

- Two-stage operation with up to 20.0 SEER (Seasonal Energy Efficiency Ratio) cooling means you'll save money on your monthly cooling 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 two-stage cooling and our exclusive comfort-enhancing Perfect Humidity™ function. The Model 180B combines all 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 180B.

## 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 |





# Superior Comfort and Exo

## A Tradition of Higher Standards

Since 1904, Americans have learned to associate Bryant® cooling products with higher standards of indoor comfort. Through the 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. Today, as rising energy costs and increased awareness of environmental issues drive consumer thinking, Bryant proudly offers an answer that also provides unprecedented comfort control - the Model 180B Air Conditioner with Puron® Refrigerant.

The Bryant Model 180B provides quiet, luxurious comfort with our exclusive Evolution® Control. It raises the bar for humidity control with our Perfect Humidity® function. And, it saves significantly on cooling costs with exceptional energy efficiency of up to 20 SEER. Designed, built and backed by



the most trusted name in the business, and installed by your trusted and professional Bryant dealer, the Model 180B Air Conditioner with Puron® Refrigerant provides the premium cooling comfort you and your family deserve.

## Enjoy the Comfort of Two-Stage Cooling

When installed with the optional Evolution® Control and a compatible indoor unit, the Model 180B manages your comfort better than standard single-stage air conditioners. The key is its two-stages of cooling. Most of the time, this unit operates on low-stage cooling to deliver a nearly continuous stream of cool, comfortable air. Low-stage cooling is typically quieter and uses less energy than high-stage cooling. 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 cooling to maintain your comfort, the Evolution Control signals the Model 180B to switch over to high-stage cooling and you will continue to enjoy the comfort.



Based on standard U.S. Government tests

### ENERGYGUIDE

Central Air Conditioner  
Cooling Only  
Split System

Compare the Energy Efficiency of this  
Air Conditioner with Others Before You Buy.

This Model's Efficiency	
<b>20.0</b>	
Energy efficiency range of all similar models	
Least Efficient	Most Efficient
13.00	20.0

SEER, the Seasonal Energy Efficiency Ratio, is the measure of energy efficiency of central air conditioners.

**Central air conditioners with higher SEERs are more energy efficient.**

- This energy rating is based on U.S. Government standard tests of this condenser model combined with the most common coil. The rating may vary slightly with different coils.
- Federal law requires the seller or installer of this appliance to make available a fact sheet or directory giving further information about the efficiency and operating cost of this equipment. Ask for this information.

Important: Removal of this label before consumer purchase violates the Federal Trade Commission Appliance Labeling Rule (16CFR260.6).

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# Exceptional Energy Savings



## Warranty

To the original owner, the Bryant Model 180B Air Conditioner 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 five years if not registered within 90 days. Jurisdictions where warranty restrictions are not allowed will automatically receive a 10-year 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).

## Enjoy Perfect Humidity™ & Reliability

The Model 180B is your trusted source for cool comfort. For enhanced control over temperature AND humidity, add a variable-speed furnace or fan coil and our Evolution® Control to create a Bryant Evolution® System. As a part of this remarkable system, Perfect Humidity® technology improves your comfort by providing better humidity control than standard air conditioner systems.



In addition, Bryant's Model 180B delivers the peace of mind that comes with choosing a system designed, built and backed by a company committed to customer satisfaction. From initial design through product testing and an assembly process that includes our 5-step 100% run test, 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.

## Relax with Environmentally Sound Comfort

Your home is your refuge, the place you go for comfort – so why not treat yourself to the very best cooling system available? The Model 180B delivers an even, consistent flow of conditioned air to eliminate hot and cold spots, improve overall air quality, save money, and operate extremely quietly. The system automatically adjusts to provide additional cooling comfort as conditions change. To make you feel even better about feeling comfortable, this exceptional system has been engineered to use environmentally sound Puron® refrigerant.



Choosing a system with Puron refrigerant is more important than ever 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 air conditioners using Freon-22 may rise as supplies dwindle.

\* 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.***



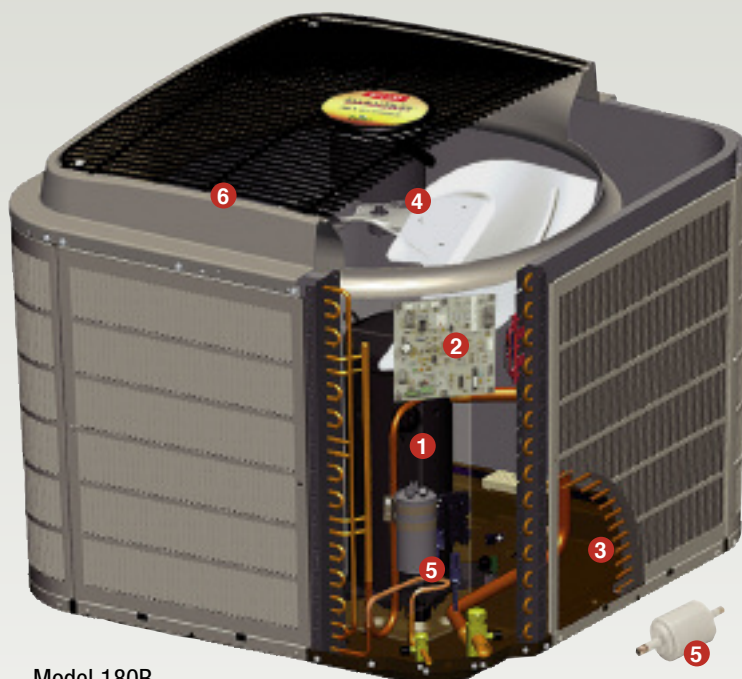
**EVOLUTION™**  
**SYSTEM**

## Home Comfort Components

### PURON® REFRIGERANT

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

- 1 ENVIRONMENTALLY SOUND, EXTREMELY EFFICIENT**  
Our two-stage scroll compressor is designed for use with Puron® refrigerant to provide quiet, smooth-operating comfort and years of environmentally sound, energy-efficient performance.
- 2 PRECISION COMFORT CONTROL**  
Our electronic control board allows for precise control of two-stage cooling and works with the Evolution® Control for the ultimate in comfort control. "Intelligent" circuitry monitors cooling 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 cooling efficiency. Coil materials and design minimize chances for rust and corrosion for lasting performance.
- 4 QUIET OPERATION**  
Our 5-point AeroQuiet System II™ design keeps operational sound to a minimum so you can enjoy your comfort and energy savings in peace. The keys to this system include: AeroQuiet top, integrated ECM fan motor and forward-swept fan blade, our deluxe sound blanket and split-post compressor grommets.
- 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 180B



Air Conditioner and Gas Furnace System



Heating & Cooling Systems

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

01-8180-203-25

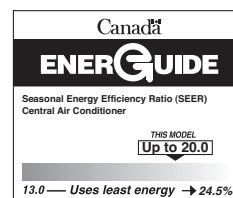
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Visit our website at [www.bryant.com](http://www.bryant.com)

**WHATEVER  
IT TAKES**



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.



We Encourage  
Professionalism



Through Technician  
Certification by NATE