



# Evolution® Extreme Heat Pump

MODEL 280ANV Variable Speed Heat Pump with Puron® Refrigerant



**EVOLUTION™**  
**SYSTEM**



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

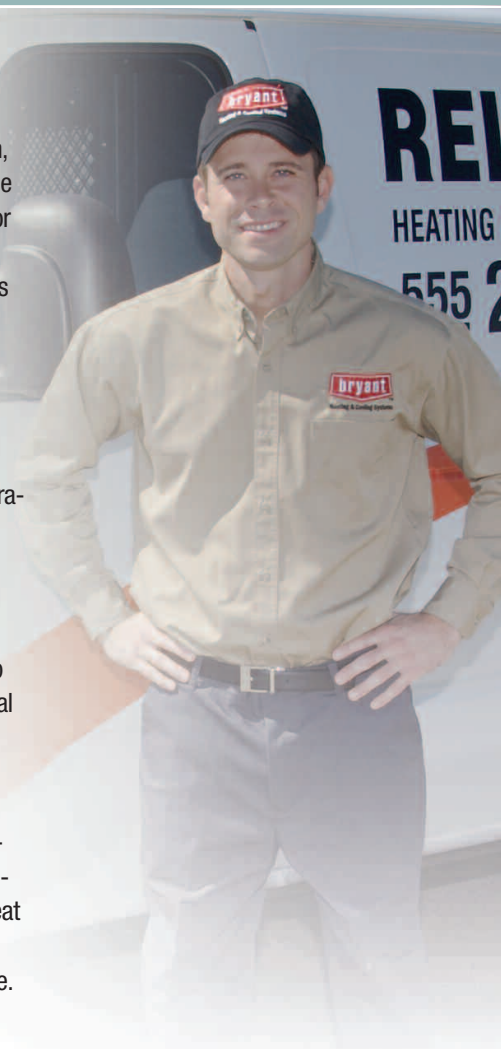


# Bryant Delivers Extreme

## Setting Standards Since 1904

For more than a century, North Americans have associated Bryant® heating and cooling products with the highest standards of indoor comfort. Through commitment and dedication, 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 environmental awareness influence consumer thinking, Bryant proudly offers a variable-speed heat pump with industry-leading efficiency and superior comfort - the Evolution® Extreme heat pump.

The Evolution Extreme heat pump delivers warm, comfortable heating as outdoor temperatures plummet. Because it's matched with a variable-speed fan coil or furnace, it provides superior humidity control all summer even when it's not cooling. And, it can save significantly on utility bills all year long achieving up to an industry-best 13 HSPF (Heating Seasonal Performance Factor) heating and up to an exceptional 20.5 SEER (Seasonal Energy Efficiency Ratio) cooling. Designed, built and backed by the most trusted name in the business, and installed by your trusted and professional Bryant dealer, the Evolution Extreme heat pump provides the premium comfort you and your family deserve.



## Extremely Consistent Comfort

Your home is your refuge, a comfortable retreat from the unpredictable weather outside. So pamper yourself with a heat pump that delivers superior comfort through extremely consistent temperature control. The Evolution® Extreme heat pump combines intelligent system control with variable-speed operation to precisely match heat pump performance to current conditions. The resulting output is comfort that is just right, efficiency that is off the charts, and operation that is incredibly quiet.

It starts with our intuitive and intelligent Evolution® Control. This control monitors conditions inside and outside the home and adjusts heat pump speeds up and down as needed to match your desired comfort settings. The resulting comfort is exceptionally consistent compared to standard systems that turn on and off at one preset speed.



EVOLUTION  
EXTREME  
HEAT PUMP



# Comfort, Savings and Quiet



## Limited Warranty

To the original owner, the Bryant® Evolution® Extreme heat pump is covered by a 10-year parts limited warranty upon timely registration of your new equipment.\* Ask your Bryant dealer about optional labor warranties.

\* Warranty period is five 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.

## 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).

## It Keeps Heating When Others Can't

The technology that helps the Evolution® Extreme heat pump deliver such consistent comfort also keeps heating efficiently when standard systems have already switched to auxiliary heat sources. In fact, you can expect air that's warm to the touch coming from your registers, even down to single digit temperatures outside. That's a statement most other heat pump systems simply cannot make, and a reason why this system can be a great option in areas not typically associated with heat pump use.

## Complete Comfort and Peace of Mind

The Evolution® Extreme heat pump improves comfort all year long with Perfect Humidity® technology. When matched with a variable-speed gas furnace or fan coil during the cooling season, Perfect Humidity technology can significantly improve indoor humidity control compared to standard comfort systems. In fact, standard systems only dehumidify the air during cooling operation. This system continues to remove moisture even when it isn't actively cooling so you can stay dry, cool and comfortable all summer long.

Best of all, you can enjoy all of this comfort from a company committed to customer satisfaction. From initial design through product testing and final assembly, we go beyond the industry's expectations for quality to be sure that every product we make measures up to even tougher standards – yours.



**Ask your dealer about combining the Evolution® Extreme heat pump with a recommended Bryant Evolution® gas furnace and Evolution® control to create a Bryant HYBRID HEAT® Dual Fuel System. This system automatically chooses the most efficient fuel source for heating to provide the ultimate defense against unpredictable fuel costs.**



## The Evolution of Comfort

Bryant is at the forefront of a comfort revolution with its exclusive Evolution® System. This system combines the Evolution® Extreme heat pump with our sleek, sophisticated Evolution® Control and the recommended Bryant Evolution furnace or fan coil to put more comfort, power and ease-of-use at your fingertips than any other comfort system. 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 access.

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



***The 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

Bryant has a history of doing whatever it takes to deliver trusted quality, comfort and value to millions of homeowners nationwide. The Evolution® Extreme heat pump offers an exceptionally comfortable indoor environment with industry-leading efficiency and money-saving operation.

### Efficiency

- Up to 13 HSPF (Heating Seasonal Performance Factor) heating leads the industry and means it can save money on your monthly heating bills. When you consider that heat pumps often spend more hours heating than cooling in a typical year, that number is significant! And when this system does switch over to cooling, you'll see up to an impressive 20.5 SEER (Seasonal Energy Efficiency Ratio) efficiency that rivals even the most miserly air conditioner models available.

### Comfort

- The Evolution® Extreme heat pump combines all of Bryant's most sophisticated comfort technology to elevate your home's environment. Precise, consistent comfort throughout the home, superior humidity management, air that's warm to the touch even when it's down to single digits outside and more combine to give your family the comfort it deserves.

### Indoor Air Quality Option Checklist

- |                                       |  |
|---------------------------------------|--|
| <input type="checkbox"/> Air Cleaners | <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 |



## Indoor Comfort You Can Rely On

### 1 EXTREME EFFICIENCY

Inverter-driven variable-speed capabilities take the Evolution® Extreme heat pump up to an industry-best 13 HSPF heating efficiency. That's a number other manufacturers just can't reach with a split-system, air source heat pump. Bryant lets you enjoy the savings now while others try to catch up.

### 2 ENVIRONMENTALLY SOUND

Bryant heat pumps and air conditioners have been available with environmentally sound Puron® refrigerant since 1996. That's well before our competitors began offering a solution that keeps you comfortable without depleting the Earth's ozone layer. It also speaks to the incredible reliability we have achieved with these products.

### 3 CONTINUOUS COMFORT

Our inverter-driven variable-speed scroll compressor operates with longer run times to provide quiet, smooth-operating comfort. Designed for use with Puron® refrigerant, it should provide years of environmentally sound, energy-efficient performance.

### 4 PRECISION COMFORT & EFFICIENCY

Our Evolution® electronic control board works with the Evolution® Control inside your home for the ultimate command of indoor comfort. "Intelligent" circuitry monitors system operation and automatically adjusts settings to deliver precision temperature and humidity control while also maximizing energy management.

### 5 EXTRA QUIET OPERATION

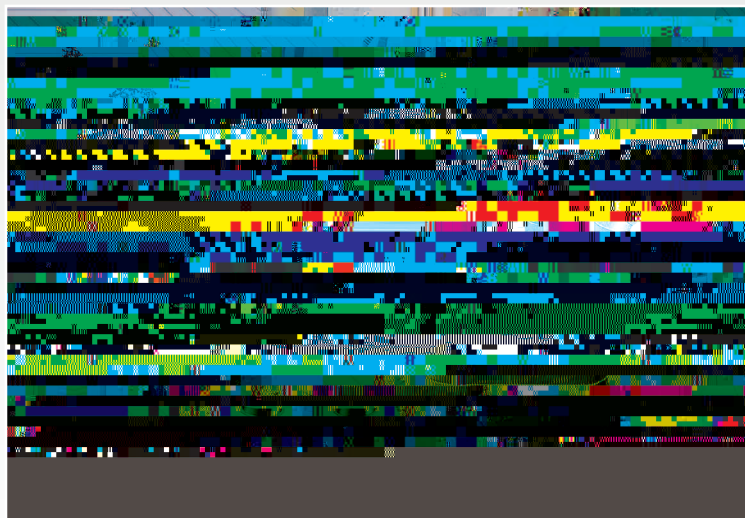
The Evolution Extreme heat pump operates within a range of sound levels between 58 dBA in cooling mode and as low as 62 dBA in heating mode. Our exclusive AeroQuiet System II™ features an AeroQuiet top, integrated fan motor, forward-swept fan blade, compressor vibration isolator plate, sound hood and split-post compressor grommets to help deliver quiet operation by maximizing airflow and minimizing vibration.

### 6 PEACE OF MIND

Several critical system functions are monitored by the Evolution® Control, which adjusts operation to maximize performance and system reliability. With built-in protection features and Bryant quality testing, you can be confident with your comfort.



Model 280ANV



HYBRID HEAT® Dual Fuel Heat Pump and Deluxe Gas Furnace System

This Box is to be used as a knock-out for a non-varnished area on a full-spread, full-bleed varnish plate.



**WHATEVER IT TAKES**

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

01-8280-000-25

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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.

