



HIGH EFFICIENCY – 50GL PACKAGED AIR CONDITIONER



ENVIRONMENTALLY SOUND, 12+ SEER COOLING

THE FUTURE IS NOW FOR COOLING WITH PURON® REFRIGERANT.

INNOVATION

Carrier innovation helped create the indoor comfort industry, and continues to make advances in technology with products like the 50GL packaged air conditioner. Carrier has always been a step ahead of the competition, and that tradition continues with the 50GL. This air conditioner delivers reliable, high efficiency cooling and is one of the first packaged products available with the environmentally sound Puron® refrigerant. That means you can save money on your cooling bill while helping to preserve the earth's protective ozone layer.

In addition to the environmental benefit of using Puron refrigerant, the 50GL offers money-saving efficiency and extra reliability. Carrier was the first company to offer environmentally sound cooling. We've been installing residential cooling systems with Puron® refrigerant since 1996 and the feedback from our customers has been tremendous. Because of its higher efficiency heat transfer, Puron refrigerant naturally lends itself to higher efficiency cooling. And, the Puron products have become the most reliable in our entire offering of indoor comfort equipment.

EFFICIENCY

The 50GL helps protect the environment while protecting you from higher cooling bills. With the ability to keep you cool at an

efficiency rating of 12+ SEER (Seasonal Energy Efficiency Ratio), the 50GL easily surpasses the economy of older models and many new ones as well. One of the keys to that performance is

the scroll compressor designed exclusively for use with Puron refrigerant. Another factor is our copper tube, aluminum fin coil that encourages high-efficiency heat transfer while resisting corrosion for years of money-saving comfort.

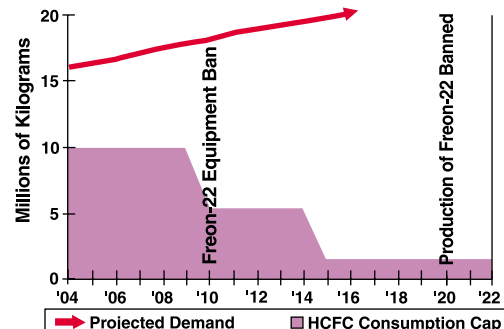
RELIABILITY

The 50GL delivers the added comfort of reliable operation.

The smooth operating scroll compressor is protected for years of reliability with low and high pressure switches. The cooling coil resists corrosion with its copper and aluminum construction and our filter drier adds to the system's dependability by removing moisture and debris that could otherwise affect air conditioning performance. Finally, Carrier runs the most thorough reliability testing in the industry starting with product design and following through with assembly line testing and run testing of the completed products.



HCFC Consumption Cap and Projected Demand (in million kilograms)



The U.S. Government has begun phasing out chemicals that destroy the ozone layer. By 2010, Freon®-22* will be banned from use in new HVAC equipment.

* Freon is a registered trademark of E. I. DuPont de Nemours & Co.

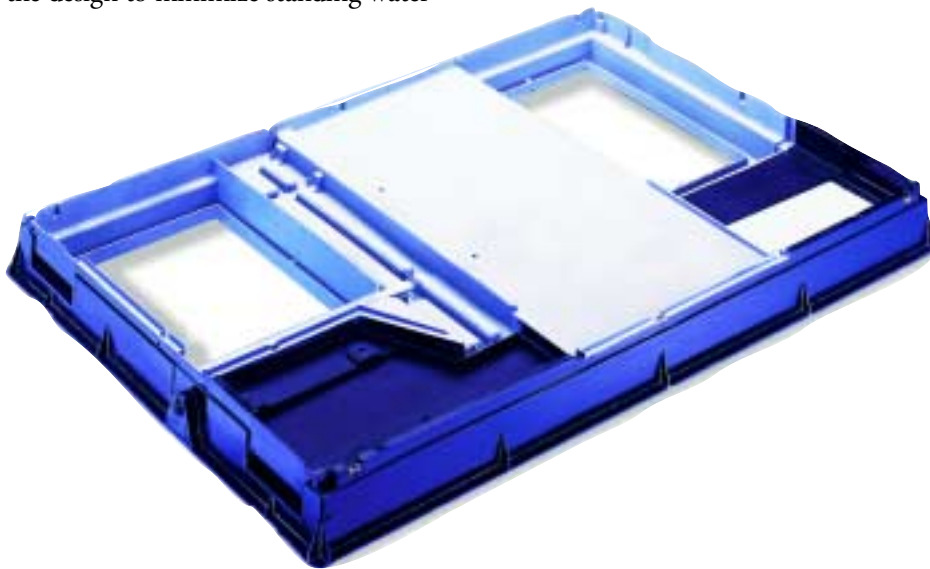
ENJOY INDOOR COMFORT BUILT TO LAST.

DURABILITY

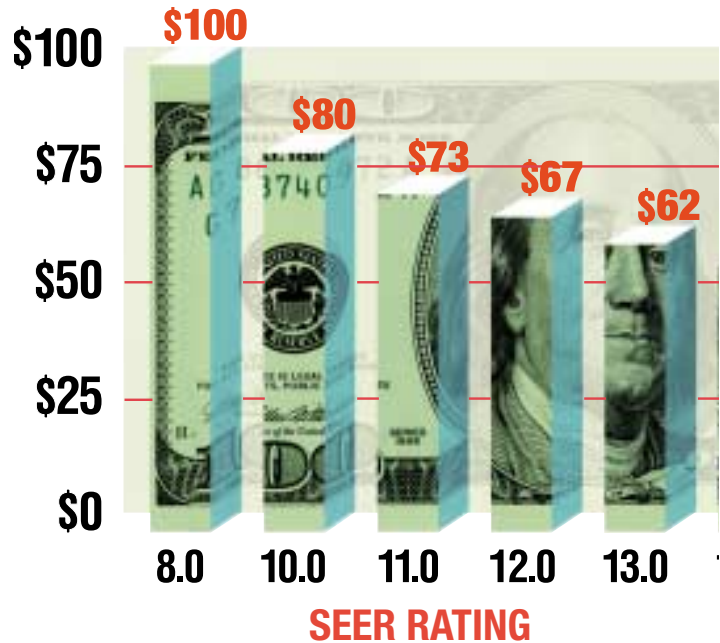
Mother Nature is tough, but the 50GL is tougher, offering maximum durability to deliver cool comfort, season after season. The foundation for this air conditioner's lasting operation is a rugged, rust-free Envirotuff™ base pan made from a high-tech composite material. This special base pan offers rust protection to both the air conditioner and the installation surface, an especially important point to remember for rooftop installations. Additional corrosion resistance comes from the copper tube, aluminum fin coil and the durable, attractive cabinet.

DETAILS

Carrier sweats the details so you don't feel the heat during the cooling season. Air is discharged through the top of the 50GL to protect surrounding flowers and shrubs on a ground installation. The rust-proof base pan includes a sloped drain as part of the design to minimize standing water



Carrier knows that a solid foundation is the key to success. That's why the rust-free Envirotuff™ base pan is such an important feature. With a sloped drain pan built in, the base pan encourages enhanced indoor air quality by minimizing the opportunity for rust, mold, mildew and odors.



By replacing an older, low-efficiency packaged system with Carrier's 12+ SEER 50GL, you can save money on your cooling bills now and for years to come.

and help improve indoor air quality. Developed for both rooftop and ground-level use, this unit has mountings built-in for installation reliability. Regardless of how it is installed, it all adds up to environmentally sound, indoor comfort.



Carrier's 50GL comes standard with our attractive louvered grille. This grille protects the unit's coil against damage from rocks, sticks, lawn/garden equipment and other potential hazards.

HERE'S CARRIER QUALITY CONSTRUCTION!

PERFORMANCE

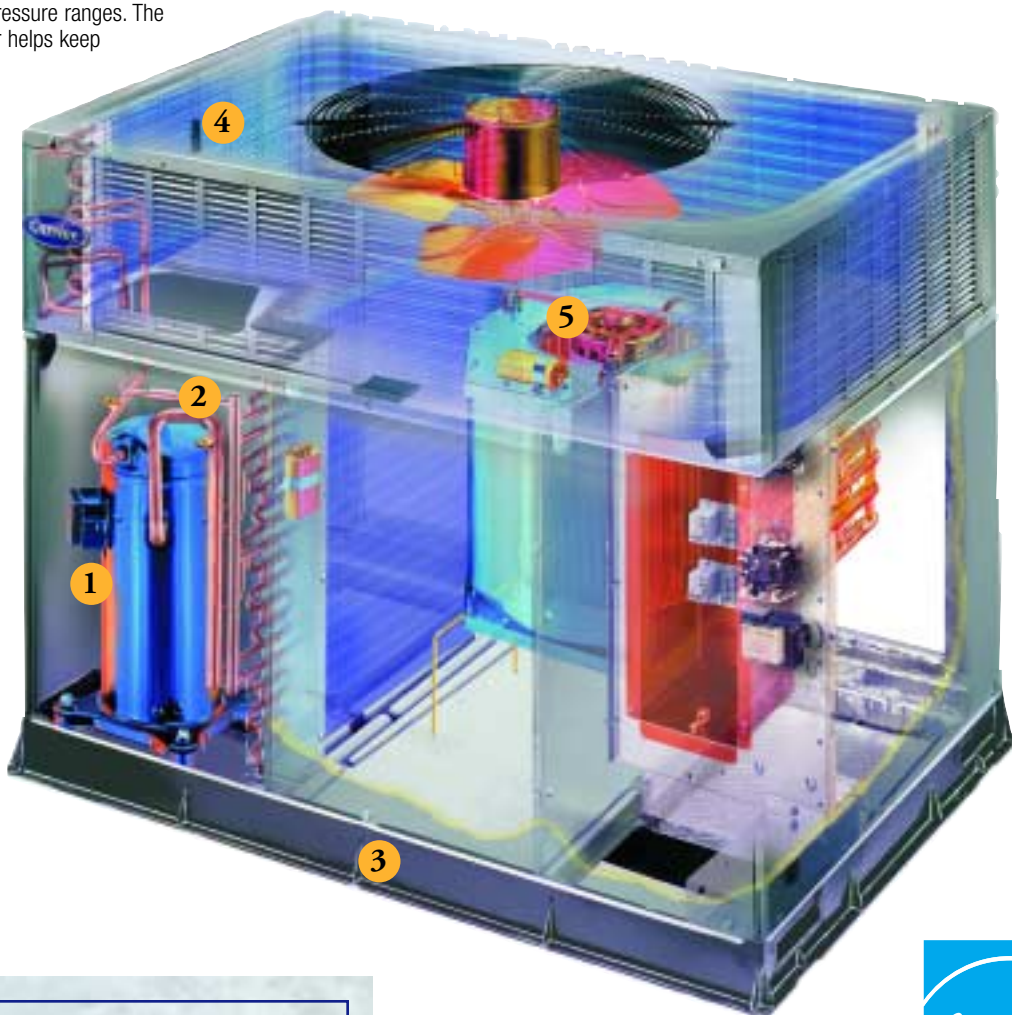
- 1 High efficiency comfort and environmentally sound cooling** are provided by a scroll compressor designed for use with Puron® refrigerant. The heart of the air conditioning system, this compressor offers quiet, reliable comfort for years.
- 2 Built-in reliability helps the 50GL packaged air conditioner** deliver the comfort you need for years to come. Reliability features not found on many typical air conditioners include high and low pressure switches which protect the compressor from operating outside of normal pressure ranges. The filter drier helps keep

the system free from troublesome moisture and debris for added compressor protection.

- 3 Solid support and enhanced air quality** are two advantages of Carrier's exclusive EnviroTuff™ base pan. The high-tech composite material used to build this base pan simply will not rust. The sloped drain design minimizes standing water, improving indoor air quality by halting the growth of mold, bacteria and algae.

- 4 Money-saving comfort** is one of the benefits of our copper tube, aluminum fin coil design. That's the result of increased surface area for higher efficiency heat transfer needed for cooling operation. This coil also resists corrosion to supply years of durable operation.

- 5 Enhanced performance and higher SEER ratings** is achieved with optional variable speed blowers. Ask your dealer for more information.



WARRANTY

Carrier guarantees your indoor comfort with written product and component warranties. We offer a **ten-year limited warranty** on the compressor, the most important single component of your cooling system, a **five-year limited warranty** on the entire unit. Ask your Carrier dealer for details.



As an ENERGY STAR® Partner, Carrier Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.*

* Only 3-1/2 and 4 ton standard models meet ENERGY STAR performance specifications. All other sizes must have the factory installed variable speed indoor blower to meet ENERGY STAR specifications.

CARRIER OFFERS THE FIRST ENVIRONMENTALLY SOUND, PACKAGED COOLING SOLUTION.

LEADERSHIP

Carrier's 50GL packaged air conditioner uses environmentally sound Puron® refrigerant to deliver soothing relief from summer's heat. In response to the global concern surrounding ozone depletion caused by HCFCs, the Clean Air Act of 1990 declared that refrigerants containing HCFCs must be phased out of use and replaced by another, safer refrigerant. One of the refrigerants scheduled for eventual phase-out, Freon®-22*, is the most commonly used refrigerant in most of today's air conditioners and heat pumps. Puron refrigerant is the indoor comfort industry's universally accepted replacement for Freon®-22, and Carrier has been at the forefront of designing, testing and installing heating and cooling equipment that uses this environmentally sound refrigerant.

1996 – A cap was placed on the production of refrigerants that use HCFCs.

2010 – Manufacturing new air conditioners utilizing Freon®-22 is prohibited.

2020 – Production of Freon®-22 is banned.


the environmentally sound refrigerant



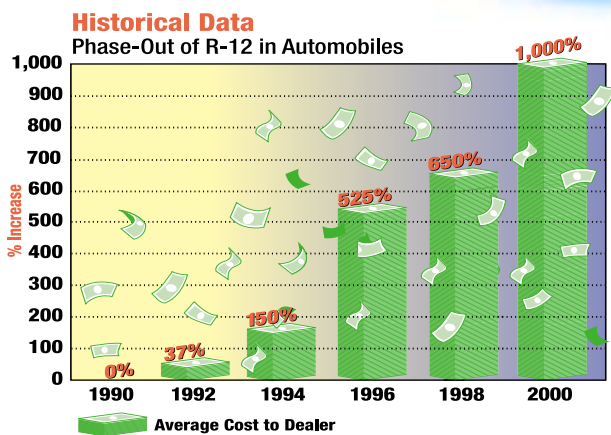
ECONOMICALLY SOUND

Not only is Puron refrigerant environmentally sound, it also helps the 50GL deliver indoor comfort with money-saving efficiency. The same formulation that makes Puron refrigerant environmentally sound also produces superior heat transfer capabilities, a vital part of the 50GL cooling system. In fact, the 50GL offers cooling efficiency that easily surpasses the efficiency of older packaged air conditioners and many new models as well.

Installing the 50GL with Puron refrigerant today can help you avoid the potentially skyrocketing costs for servicing a unit that uses Freon®-22. It's a

fact that Freon®-22 will become obsolete. Ask anybody associated with the auto industry what happened when Freon®-12 was phased out and they will tell you that the costs of servicing cars using that refrigerant rose exponentially.

That same scenario could easily happen with Freon®-22 in home air conditioning systems. By choosing the 50GL with Puron refrigerant, you'll enjoy savings right away with efficient operation while avoiding potentially higher service costs in the future.



Historically, when a refrigerant has been phased out, the costs for servicing products using that refrigerant have risen dramatically. That's what happened with Freon®-12, the refrigerant that was banned from use in automobile air conditioners. By replacing your older packaged air conditioner with the Carrier 50GL with Puron refrigerant, you could be protecting yourself from the rising costs of servicing products that use Freon®-22.



"Another factor to consider these days is the use of environmentally friendly refrigerants. ... Carrier is the first manufacturer in the industry to offer Puron—an environmentally sound... refrigerant that offers high efficiency and long-term cost savings to homeowners."

– *Consumers Digest*,
May/June 1998

* Freon is a registered trademark of E. I. DuPont de Nemours & Co.

GET COMFORTABLE WITH CARRIER'S INDOOR COMFORT EXPERTISE.

AIR CONDITIONING SYSTEMS

50GL Air Conditioner

Energy efficient, reliable, and designed to use the environmentally sound Puron® refrigerant, this packaged air conditioner delivers economical indoor cooling from the industry's leader in product innovation, comfort and reliability.

Comfort Ventilator

Carrier's comfort ventilator adds a breath of fresh air to today's tightly constructed home. It combines fresh outdoor air with conditioned indoor air for improved air and energy exchanges.

Air Cleaner

Carrier air cleaners can substantially improve your indoor comfort by removing harmful and irritating airborne pollutants from your home.

Humidifier

As part of a total indoor comfort system, a Carrier humidifier replenishes moisture to dry air.

Thermostat™ Control

A Carrier Thermostat Control is your command center. Precise temperature control and programmable features keep you in touch with your comfort.



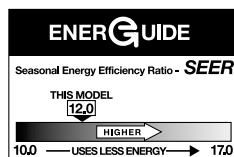
EXPERTISE

Carrier has been on the leading edge of indoor comfort technology since Willis Carrier discovered air conditioning in 1902. Today, Carrier's scientists, engineers, and dealers continue working to provide homeowners with the most advanced indoor comfort systems available.

This technological advantage has enabled Carrier to design, install and maintain customized indoor comfort systems to fit the precise needs of individual homeowners. Ask your Carrier dealer how you can customize your comfort with a Carrier indoor comfort system today.



www.carrier.com



Always look for these symbols, the air conditioning industry seals of certified performance, efficiency and capacity.



A member of the United Technologies Corporation family.
Stock Symbol UTX.

© Carrier Corporation 2003

850-239

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.