



# Performance™ Series Packaged Air Conditioners and Packaged Gas Furnace/Air Conditioners



High-efficiency packaged products with your comfort in mind



50VG-A, 48VG-A



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[energystar.gov](http://energystar.gov)

# What You Can Expect From Carrier

Innovation, efficiency, quality: Carrier® Performance™ Series packaged air conditioners and packaged gas furnace/air conditioners represent years of research and design with one goal in mind – making your family comfortable. With durable, lasting comfort and the option to choose air conditioning only or gas heating and air conditioning from one package, Performance Series packaged products represent the Carrier quality, environmental stewardship and lasting durability that have endured for more than a century. And, with multi-speed blowers, these models can provide enhanced summer dehumidification when managed by select thermostats.



## Efficiency

SEER (Seasonal Energy Efficiency Ratio), EER (Energy Efficiency Ratio) and AFUE (Annual Fuel Utilization Efficiency) ratings are like your car's MPG – the higher the number, the greater the potential for savings. Performance™ Series packaged air conditioners and packaged gas furnace/air conditioners offer 16.0 SEER/12.0 EER cooling. The packaged gas furnace/air conditioner also reaches 81% AFUE heating.



## Durability

A galvanized steel cabinet and louvered steel coil guard provide superior protection against dings, dents and other outdoor threats. Our unique cabinet design puts the condensing coil above ground level and further out of harm's way. The bottom half of the cabinet is fully sealed to help keep moisture, leaves, dirt and other potential corrosives out.



## Environment

Carrier was the first to offer systems with Puron® refrigerant, which does not contribute to ozone depletion. By replacing an older, less efficient packaged product with a Performance™ Series packaged air conditioner or packaged gas furnace/air conditioner, you are reducing energy use and your environmental impact.



## Sound

Carrier® Performance™ Series packaged products deliver quiet, indoor comfort. With sound levels as low as 72 decibels, you can enjoy the comfort with very little background noise. All models include components that help keep sound levels quiet, including an aerodynamic top and quiet motor mounts.



## Limited Warranty

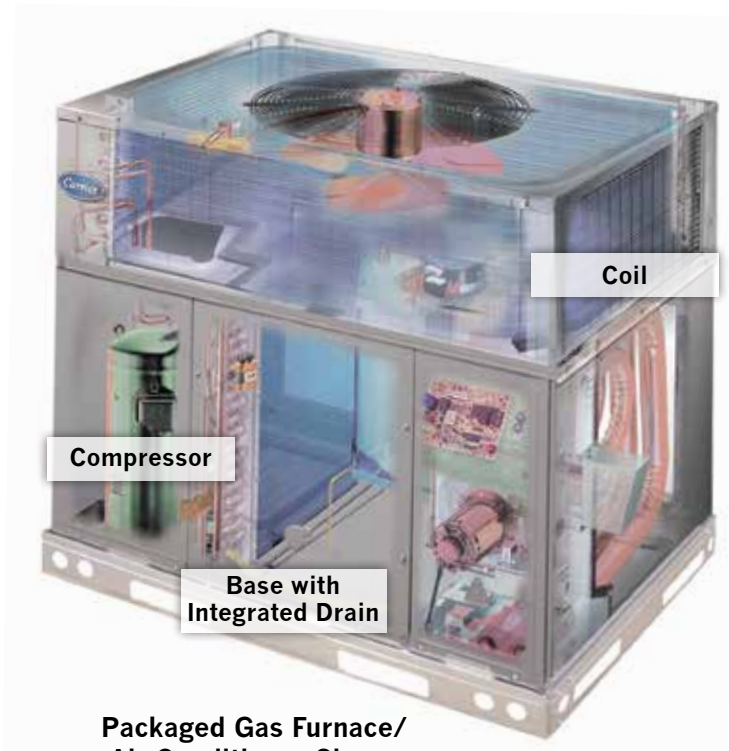
To the original owner, Carrier® Performance™ Series packaged air conditioners and packaged gas furnace/air conditioners are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at [carrier.com](http://carrier.com) for complete details and restrictions.

# A Range of Comfort

Carrier® delivers packaged products in a range of shapes and sizes. Check out this side-by-side comparison to see how our durable and efficient Performance™ Series packaged air conditioners and packaged gas furnace/air conditioners measure up against our Comfort™ models.

	Packaged Air Conditioner		Packaged Gas Furnace/AC	
	Comfort™ Series	Performance™ Series	Comfort™ Series	Performance™ Series
Performance	Single-stage compressor	Two-stage compressor	Single-stage compressor	Two-stage compressor
Efficiency	14.0 SEER 12.0 EER	16.0 SEER 12.0 EER	14.0 SEER 81% AFUE	16.0 SEER 81% AFUE
Durability	High-tech composite, rust-proof base	High-tech composite, rust-proof base	High-tech composite, rust-proof base	High-tech composite, rust-proof base
Sound	as low as 73 dBA	as low as 72 dBA	as low as 73 dBA	as low as 72 dBA
Limited Warranty	10-year parts*	10-year parts*	10-year parts*	10-year parts*

\* Upon timely registration. The warranty period is five years if not registered within 90 days of installation.



## The Carrier® Difference

If you could look under the hood of a Carrier Performance™ Series packaged air conditioner or packaged gas furnace/air conditioner, you'd see what drives the performance: a serious commitment to quality. Our microtube condensing coil saves space and provides lasting comfort with its corrosion-resistant construction. The smooth-running, two-stage compressor helps deliver solid, reliable cooling performance. For gas heating operation in packaged gas furnace/air conditioners, our TurboTubular™ heat exchanger allows hot gases to make multiple passes across the supply air, optimizing heat transfer and system efficiency.

All of this technology is built upon a high-tech composite, rust-proof base that provides a solid foundation for comfort and includes an integrated, sloped drain pan for enhanced drainage to help inhibit mold, algae and bacterial growth.

**Visit [carrier.com](http://carrier.com) for model comparisons and product specifications.**

Explore the full line of Carrier® Performance™ Series packaged products and other system components to find the ideal fit for your home.

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## The Total Indoor Comfort System

Your Carrier® dealer will recommend a system that is best suited to meet your home-comfort needs and local weather environment:

1. **Packaged Air Conditioners and Packaged Gas Furnace/Air Conditioners** provide reliable, high-efficiency cooling for long-lasting comfort and energy savings. Packaged gas furnace/air conditioners also offer high-efficiency gas heating.
2. **Côr™ Thermostat** puts efficiency, simplicity and expertise at your fingertips with unprecedented convenience – from the wall control, wireless home networks or anywhere in the connected world.
3. **Zoning** sets different temperatures for up to three different areas of your home for truly customized comfort and enhanced utility savings.
4. **Air Cleaner** improves air quality by removing harmful and irritating airborne pollutants from your home.
5. **Humidifier** replenishes moisture to dry air.
6. **Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.



## More Than a Century of Cool

In 1902, a determined engineer answered one of mankind's most nagging questions: How do we make hot, sticky, indoor air go away? In creating the world's first modern air conditioning system, Willis Carrier forever changed indoor life, and, more than a century later, the corporation that bears his name takes inspiration from his example.

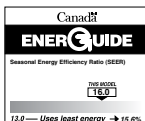
Carrier strives to improve on our founder's breakthroughs, introducing new technologies that make life at home even cooler. Today, our nationwide network of experts continues to advance Willis Carrier's lifework. Your expert Carrier® dealer is equipped to evaluate your home and create a customized system designed around your lifestyle.



As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance™ Series packaged air conditioner and gas furnace/air conditioner systems meet the ENERGY STAR guidelines for energy efficiency. Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your dealer for details or visit [www.energystar.gov](http://www.energystar.gov).



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