

# Performance™ 80



Variable-Speed Oil Furnaces

turn to the experts™



Performance  
SERIES

Energy-Efficient Heating  
with up to 86.6% AFUE



\*Models OVM and OVL only

## Innovation and the Environment

Over 100 years ago, a humble but determined engineer solved one of mankind's most elusive challenges by controlling the indoor environment. A



leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements in health care, manufacturing processes, food preservation, art and historical conservation, indoor comfort and much more.

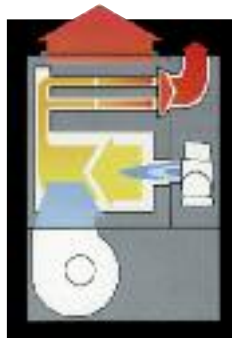
Carrier's foresight changed the world forever and paved the way for over a century of once-impossible innovations. Yet in addition to being an accomplished inventor, he was also an avid outdoorsman. Carrier recognized the power and beauty of the natural environment. This appreciation of our world and its resources continues to guide Carrier Corporation today. We will never rest on our accomplishments, but instead consistently look for ways to improve our products, our environment and our world.

Performance™ 80 variable-speed oil furnaces continue the Carrier® story with money-saving efficiency and comfort-enhancing, variable-speed operation.

## Leaders in Technology



Model OVM  
Multi-Poise  
(Riello Burner)



The combustion/heat exchanger combination is a Carrier exclusive. This unique component quickly and efficiently converts oil to heat so your family can relax in the soothing warmth of home.

## What Efficiency Means to You

You can compare efficiencies of different oil furnaces by checking the AFUE (Annual Fuel Utilization Efficiency) ratings. Using these ratings is a lot like miles per gallon for your car – the higher the number, the more efficient the product and the greater potential for savings. Performance 80 variable-speed oil furnaces deliver up to 86.6% AFUE to potentially reduce your energy costs.



As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance 80 variable-speed oil furnaces\* meet 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).

\* Models OVM and OVL only

## 1 Consistent Comfort and Ventilation

The variable-speed ECM blower motor enhances your comfort by ensuring consistent airflow and maintaining tight temperature control. This vital component helps keep rooms more comfortable, helps improve indoor air quality and operates quietly.

## 2 High Heating Performance

For your peace of mind, Carrier® oil furnaces are built with a solid core of high-quality components. The high performance burner on these furnaces is one of the keys to delivering quiet operation and optimal fuel efficiency that you can enjoy, winter after winter.

## 3 Quiet Operation

Carrier furnaces are designed for quiet comfort and the Performance™ 80 oil furnaces are no exception. The variable-speed technology built into these products delivers the right amount of heated air to your home with reduced temperature swings and reduced sound from operation. Our unique combustion silencer system helps isolate noise, allowing you to enjoy your comfort. What little sound this unit does make is further isolated by our sturdy steel casing and door and insulated cabinet.

## It's About Your Comfort

All year long, humidity affects the temperature at which you feel most comfortable. When you combine the Performance series Edge® programmable thermostat, a Carrier humidifier, variable-speed oil furnace and a compatible Carrier air conditioner, Ideal Humidity System® technology allows you to control humidity levels even when your system isn't calling for heating or cooling.† You'll feel cooler at higher temperatures in the summer and warmer at lower temperatures in the winter.



*IdealHumidity*

## Uncompromising Quality

Industry leadership for more than 100 years doesn't happen by accident. Carrier has maintained its position and reputation through diligent, uncompromising quality control at every stage of a product's life – from concept to completion. Once our product is installed at your home, you can be confident that durable construction and built-in reliability features ensure your comfort for years to come.



Model OVM  
Multi-Poise  
(Beckett Burner)



Model OVM  
Multi-Poise  
(Riello Burner)



Model CVM  
Multi-Poise



Model OVL  
Low-Boy

The Models OVM and CVM multi-poise are designed for versatility. With the ability to install in upflow, downflow and horizontal right and left applications, this proven performer is an excellent fit for virtually any home.

Specifically designed for low ceiling installations, the Model OVL low-boy is perfect for homeowners whose space is at a premium.

† Ideal Humidity System technology continually monitors indoor humidity, indoor temperature and outdoor temperature, and has the ability to turn on your comfort system just for dehumidification in the cooling season.

## Limited Warranty

To the original owner, Carrier Performance 80 variable-speed oil furnaces are covered by a 10-year parts and lifetime heat exchanger limited warranty upon timely registration. The limited warranty period is five years for parts and twenty years for the heat exchanger 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. Be sure to ask your Carrier dealer about optional labor warranties.



# Carrier® Systems for Unmatched Performance in Every Season

Willis Carrier's meticulous attention to quality and detail led to a major culture shift in the way we live indoors. More than a century later, Carrier Corporation operates with a unique willingness to develop new technology, the confidence to revise proven designs and the ability to deliver results with every new installation.

Part of that equation is our nationwide network of experts you can turn to for all of your indoor comfort needs. Your local Carrier dealer is well equipped to evaluate your home – everything from size, window placement, ductwork, venting and other structural specifics – and create a customized system designed around your lifestyle. So when it's time to make a choice for your family's comfort, make the best decision you'll ever make – Carrier – and let the experts do the rest.



## The Total Indoor Comfort System

**Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.

**Oil Furnace** provides reliable, energy-efficient heating for long-lasting comfort and energy savings.

**Evaporator Coil** is matched with the proper outdoor unit to provide top heating and cooling efficiency and years of reliable service.

**Air Cleaner** improves air quality by removing harmful and irritating airborne pollutants in your home.

**Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.

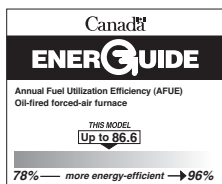
**Humidifier** replenishes moisture to dry air.

**Zoning** sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.

**UV Lamp** inhibits the growth of contaminants on the indoor coil, leaving your home with cleaner, fresher indoor air.

**Edge® Programmable Thermostat** allows precise temperature and humidity control along with programmable features to further customize your comfort.

Models OVM, OVL, CVM  
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Always look for these symbols, the home heating industry seals of certified performance, efficiency and capacity.

Always Ask For  
**FACTORY AUTHORIZED PARTS**

[www.carrier.com](http://www.carrier.com)

1-800-CARRIER

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

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



turn to the experts™