

# Performance™ 80 Oil Furnaces



turn to the experts™ 

## Performance™ SERIES



As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance™ 80 oil furnace meets ENERGY STAR guidelines for energy efficiency.

Oil Furnaces with up to 85.0% AFUE

## Efficiency

Annual Fuel Utilization Efficiency or AFUE is like gas mileage. The higher the gas mileage or AFUE rating, the more efficient the automobile or unit is. With energy costs on the rise, a Carrier Performance™ 80 oil furnace can help lower your utility costs.

Carrier's Performance 80 oil furnaces have a rating of up to 85% AFUE, helping to reduce your utility costs.



## Safety

Built by the most trusted name in the industry, Carrier furnaces heat safely within your home. Carrier pioneered the following safety innovations over a decade before they became an industry requirement:

- 100% combustion and heat exchanger pressure test.
- The control board constantly monitors the safety devices during heating operation.

# Things to Consider Before You Buy

## Comfort

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. Your Carrier® dealer can help you choose the best system for your home including Carrier-exclusive features that further enhance your indoor environment.

- The Performance™ Series variable speed oil furnace's longer heating and cooling cycles help to eliminate hot or cold spots, keeping a more even temperature throughout your home.
- Low constant fan switch allows for very low airflow to help prevent drafts in the home by constantly circulating air.
- Bothered by that dry, "stacky" feeling in the winter or that muggy feeling in the summer? Add a Carrier humidifier and a Thermidstat™ Control to your variable speed Performance™ Series oil furnace

for greater comfort with Ideal Humidity System® technology. Ideal Humidity controls your home's humidity level even when the system isn't actively cooling.† By keeping the proper balance of moisture in your home, you remain more comfortable at higher temperatures in the summer and lower temperatures in the winter.



*IdealHumidity*™

## Reliability

At Carrier, your comfort is our business. That's why we have one of the most extensive product research and development facilities in the world. Within each step of the development process, from the design phase to finished products, we test each and every product to exceed industry standard requirements. In fact, Carrier engineers test the reliability of the heat exchangers to over 200,000 cycles. That's more than six times the industry's standard of 30,000 cycles.

## Sound

Carrier furnaces are designed for quiet operation and the Performance™ 80 oil furnaces are no exception. The technology built into these oil furnaces delivers the right amount of heated air throughout your home. The result is fewer temperature swings and enhanced comfort. How do they stay so quiet? The unique combustion silencer system helps control sound for quiet operation. And for what little sound a Carrier system does make, an insulated cabinet helps to further isolate sound levels at the source. At Carrier, we believe home comfort shouldn't be at your ears' expense.



**Model OVM Multi-Poise**  
(Beckett Burner)

The Model OVM Multi-Poise is 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.

**Model OVM Multi-Poise**  
(Riello Burner)



**Model OVL Low-Boy**



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.

## Technology

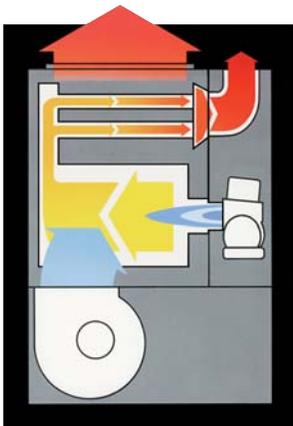


**Model OVM  
Multi-Poise**  
(Riello Burner)

- 1 Stainless steel primary heat exchanger** – this exclusive Carrier combination quickly and efficiently transfers heat for added comfort and money savings.
- 2 Aluminized steel secondary heat exchanger** – features tightly welded seams for added durability.
- 3 High-performance burner** – provides quiet operation and optimal fuel efficiency.
- 4 Ignition controls** – reliably start the heating and combustion process for top-quality, reliable performance.
- 5 Flue silencer baffle** – helps reduce combustion noise at the source.
- 6 ECM Variable-speed blower motor** – ensures consistent airflow and temperature maintenance, helping to keep rooms more comfortable while improving air quality.



As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance™ 80 oil furnace meets ENERGY STAR guidelines for energy efficiency.



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.

## Limited Warranty

To the original owner, the Carrier® Performance™ 80 oil furnaces are covered by a 10-year parts and lifetime heat exchanger limited warranty upon timely registration of your new equipment.\* Ask your Carrier dealer about optional warranties, which include labor.

\* Warranty period is five years on parts and 20 years on heat exchanger if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty and a lifetime parts limited warranty on the heat exchanger. See warranty certificate at carrier.com for complete details.





## Turn to the Experts

Willis Carrier invented air conditioning in 1902. Over 100 years later, we're proud to say Carrier® systems are trusted in more homes than any other brand.

Carrier continues to be on the forefront of innovative engineering and unsurpassed standards of excellence. So when choosing a home comfort system, you'll want to turn to the experts. Your Carrier dealer will evaluate your home, such as window placement and size, ductwork, other structural specifics and lifestyle to provide a customized indoor comfort plan designed specifically for you. And when you have an expert helping you make an educated decision, you're going to feel more comfortable.



turn to the experts<sup>SM</sup> 

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

1-800-CARRIER

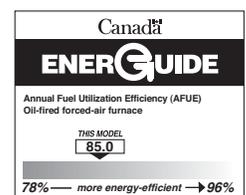
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Stock Symbol UTX.

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

Models OVM, OVL



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to [www.ahridirectory.org](http://www.ahridirectory.org).