

Performance™ 80 Oil Furnaces



Turn to the Experts.™

Performance™
SERIES



Oil Furnaces with up to 83.5% 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 83.5% 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:


- 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.
 - The 58CMR and 58CLR includes a multi-speed blower which helps deliver heat to your living areas economically and responsively for a more even distribution.
 - Low constant fan switch allows for very low airflow to help prevent drafts in the home by constantly circulating air.
- Bothered by that dry, sticky feeling in the winter or that muggy feeling in the summer? Add a humidifier and a Thermostat™ Control to your variable speed Performance™ Series oil furnace.
 - IdealHumidity™ controls your home's humidity level even when the system isn't actively heating or 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 – better efficiency means lower utility costs.

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-fired furnace is no exception. How does it 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 its source. At Carrier, we believe home comfort shouldn't be at your ears' expense.

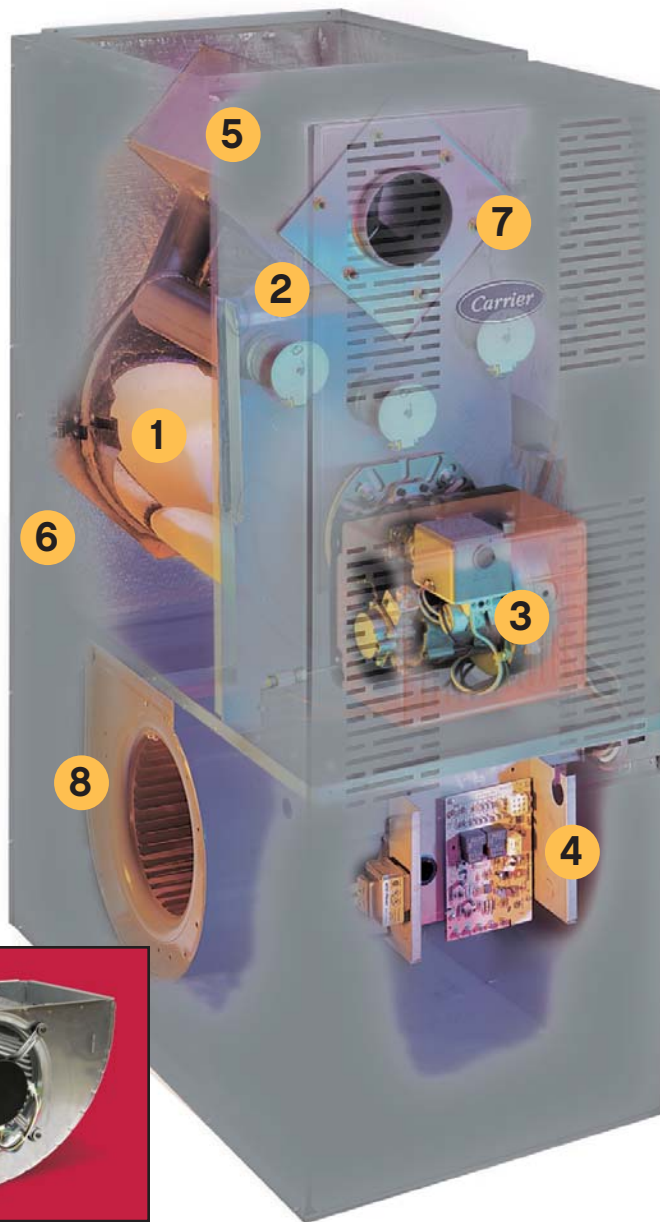


Model 58CMR/58VMR



Model 58CLR/58VLR

Technology



- 1 **Stainless steel primary heat exchanger** – direct fired without the ceramic pre-combustion chamber used in most other oil furnaces eliminates the maintenance associated with the ceramic chamber and allows every furnace to be 100% fire-tested at the factory.
- 2 **Aluminized steel secondary heat exchanger** – is tightly welded for added durability.
- 3 **High-performance Riello 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 **Fully insulated walls** – help reduce heat loss while helping to transfer maximum heat to your living spaces.
- 7 **Barometric draft control** – assists in the proper venting of the furnace.
- 8 **Model 58VMR/58VLR ECM variable-speed blower motor** – ensures consistent airflow and temperature maintenance, helping to keep rooms more comfortable while improving air quality.



Model 58VMR/58VLR

Specifications

Oil Furnaces	AFUE Rating	Limited Lifetime Warranty on Heat Exchanger	Multi-Speed Blower	Low Constant Fan Switch	Combustion Silencer System	Stainless Steel Combustion Chamber	Variable Speed Fan
58CMR / 58CLR	up to 80.5%	✓	✓	✓	✓	✓	
58VMR / 58VLR	up to 83.5%	✓		✓	✓	✓	✓

Warranty

The Performance™ 80 oil-fired furnaces are protected by a limited lifetime warranty on the heat exchanger and a five-year limited warranty on the entire unit. Extended warranties are also available. Ask your Carrier dealer for further information.





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.™

www.carrier.com

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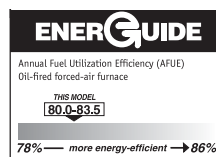
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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

Models 58VMR, 58VLR, 58CMR, 58CLR



IMPRINT AREA—NO VARNISH



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