

# Oil Furnaces

**Arcoaire**<sup>®</sup>  
Air Conditioning & Heating



NOUF105

**life**  
**time**  
heat  
exchanger  
limited  
warranty

Action required.  
Please see warranty certificate for details.

**10** year  
parts  
limited  
warranty

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## *Rugged reliability, energy-saving efficiency*

The Arcoaire® line of oil furnaces lets you take advantage of new technology to cut your energy costs. Most older oil furnaces have efficiency ratings as low as 60% to 70% AFUE<sup>1</sup>. That means that for every dollar you spend on heating, 30 to 40 cents of it disappears right up the chimney! In contrast, high-efficiency Arcoaire oil furnaces feature over 80% AFUE. That makes it possible for you to increase your home's heating efficiency and your energy savings.

<sup>1</sup>AFUE stands for Annual Fuel Utilization Efficiency.

## *Quality construction for reliable operation*

High-efficiency, state-of-the-art burners provide a safe, consistent heat source that's ideally matched to the design of the combustion chamber to ensure maximum fuel usage. The unique ceramic combustion chamber is designed to withstand high temperatures and provide reliable operation year after year. A convenient switch allows continuous fan operation for optimum comfort all year long.

## *Find the furnace that's right for you*

Arcoaire oil furnaces are available in upflow configurations in both lo-boy and hi-boy designs. We also offer a downflow/horizontal configuration in a hi-boy design. All models can be installed in existing chimneys. The heavy-duty insulated cabinet provides quiet operation, while the one-inch clearance allows installation in tight areas. Most furnaces come prewired for addition of central air conditioning, air cleaners, or humidifiers.



NOLF105

## *Comfortable advantages*

The many features and benefits of Arcoaire oil furnaces include:

- **Fan Control Switch** – Provides option for continuous fan operation and optimum comfort all year long.
- **Control Panel** – Permits easy technician access to accessory terminals; prewired for easy add-on of electric air cleaner, central humidifier and air conditioner.
- **Large, External Front Clean-Out** – Provides for easy unit cleaning and maintenance.
- **High-Efficiency Burners** – Provide optimum efficiency and performance when matched to furnace installation. Your dealer can specify which burner best suits your needs.
- **Factory-Installed Test Ports/Sight Glass** – Allow ample access for set-up and service.
- **Multispeed Direct Drive Blower Motor** – Balanced to ensure quiet, efficient air circulation; permanently lubricated to provide optimum service year after year.
- **Heavy-Duty Insulated Steel Cabinet** – Ensures quiet operation.
- **One-Inch Clearance** – Allows installation in tight areas.
- **Ceramic Combustion Chamber** – Has unique, patented, "self-aligning" design that withstands temperatures up to 2,600°F.
- **Raised Cabinet Base** – Allows air to circulate beneath the unit to reduce dampness.



## DV-2000™ Direct Venting Option

Most Arcoaire residential oil furnaces can be installed with either traditional chimneys for venting or without a chimney by using the state-of-the art DV-2000™ Direct Venting Option. This can save you money on costly chimney repairs, while adding flexibility to new installations or electric-to-oil conversions. Advantages of the DV-2000 Direct Venting Option include:

- *Integrated exhaust and combustion intake*
- *Use of 100% outside air for combustion*
- *Safety shutdown system that automatically detects vent blockage and shuts down furnace until vent is clear*
- *Compact terminal design that propels flue product away from the wall of your home*
- *Stainless steel construction for long unit life*
- *Venting approved up to 23 feet*
- *Ideal for new construction, off-electric conversions and any application that requires elimination of a conventional chimney*

## You'll warm up to these warranties

Every Arcoaire unit is backed by exceptional warranties. You get up to a 10 year<sup>§</sup> parts limited warranty\* and a lifetime limited warranty\* on the heat exchanger. And don't forget to ask your dealer about HELP® extended service agreements for additional worry-free protection.

\*See published warranty for complete details. To learn more about all of these limited warranties, go to [Arcoaire.com](http://Arcoaire.com).

§Subject to conditions. Ten year warranty requires timely registration. See detailed additional information on back page and Warranty Certificate at [Arcoaire.com](http://Arcoaire.com) for complete details.

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OUF

Arcoaire Oil Furnaces	PERFORMANCE SERIES					HIGH EFFICIENCY				HIGH EFFICIENCY & VARIABLE-SPEED		
	NOLF105	OLF105	OCF105	OUF	NOUF105	OMF	NOMF	OLR105/OLR160	OLR	NOMV	OMV	OLV
ENERGY STAR® <sup>1</sup>	●	●	●	●	●							
AFUE <sup>2</sup> (from CSA B212 - Canada)	Up To 83.8%	Up To 83.8%	Up To 83.6%	Up To 83.1%	Up To 82.2%	Up To 85.5%	Up To 85.1%	Up To 85.7%	Up To 86.8%	Up To 85.1%	Up To 85.5%	Up To 86.8%
AFUE <sup>3</sup> (from ASHRAE 103 - USA)	Up To 81.5%	Up To 81.5%	Up To 81.5%	Up To 82.2%	Up To 81.5%	Up To 85.2%	Up To 83.0%	Up To 85.1%	Up To 86.6%	Up To 83.0%	Up To 85.2%	Up To 86.6%
INPUT (BTU/h)	70,000 - 105,000	70,000 - 105,000	75,000 - 105,000	70,000 - 160,000	70,000 - 105,000	70,000 - 112,000	70,000 - 155,000	75,000 - 159,600	77,000 - 154,000	70,000 - 155,000	70,000 - 112,000	77,000 - 154,000
NO HASSLE REPLACEMENT™ Limited Warranty <sup>4</sup>	●	●	●	●	●	●	●	●	●	10 YR	10 YR	10 YR
PARTS WARRANTY <sup>5</sup>	10 YR	10 YR	10 YR	10 YR	10 YR	10 YR	10 YR	10 YR	10 YR	10 YR	10 YR	10 YR
HEAT EXCHANGER WARRANTY <sup>5</sup>	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME	LIMITED LIFETIME
VARIABLE-SPEED ECM CIRCULATION BLOWER MOTOR	●	●	●	●	●	●	●	●	●	●	●	●
PRIMARY HEAT EXCHANGER	Ceramic Chamber	Ceramic Chamber	Ceramic Chamber	Ceramic Chamber	Ceramic Chamber	Stainless Steel HX	Stainless Steel HX	Ceramic Chamber	Stainless Steel HX	Stainless Steel HX	Stainless Steel HX	Stainless Steel HX
FLUE POSITION Breech	Front	Front	Front	Front	Front	Front	Front	Rear	Rear	Front	Front	Rear
DV-2000™ DIRECT VENTING OPTION with Sealed Combustion Chamber	●	●	●	●	●	●	●	●	●	●	●	●
INSTALLATION Versatility/ Position	Upflow	Upflow	Downflow/Horizontal	Upflow	Upflow	Multi	Multi	Upflow	Upflow	Multi	Multi	Upflow
LO-BOY or HI-BOY	Lo-Boy	Lo-Boy	Hi-Boy	Hi-Boy	Hi-Boy	Hi-Boy	Hi-Boy	Lo-Boy	Lo-Boy	Hi-Boy	Hi-Boy	Lo-Boy
SHIPPED COMPLETE	●	●	●	●	●	●	●	●	●	●	●	●

1-Proper sizing and installation of equipment is critical to achieve optimal performance. Only certain models of oil furnaces meet ENERGY STAR® criteria, and within those models only certain capacities and burners qualify.

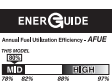
2-AFUE stands for Annual Fuel Utilization Efficiency, calculated using Canadian Regulation.

3-AFUE stands for Annual Fuel Utilization Efficiency, calculated using U.S. Regulation.

4-The **No Hassle Replacement™ limited warranty** provides a new equivalent replacement unit should the heat exchanger fail during the No Hassle period. Written authorization from your Arcoaire distributor is required prior to replacing any unit. This warranty is a supplement to the standard product limited warranty. Restrictions apply. Go to [Arcoaire.com](http://Arcoaire.com) to view the most current and complete Warranty Certificate for further details.

5-Arcoaire oil furnaces carry a **ten (10) year limited warranty on parts** to original homeowner when installed in an owner-occupied single-family residence and properly registered within ninety (90) days after original installation. (See Warranty Certificate for registration instructions. Registration not required in all jurisdictions.) Otherwise, the warranty period is **five (5) years** from the date of installation. Heat exchangers carry longer limited warranty coverage that applies to original homeowners with timely registration. Otherwise, heat exchanger warranties are 10–20 years from date of installation, depending on model. There is a lifetime limited warranty on specific gas furnace stainless steel heat exchangers. Oil furnaces come with a lifetime limited heat exchanger warranty. Check individual listings. Restrictions apply. See Warranty Certificate for details.

All systems tested and listed by the appropriate agencies.



ISO 9001:  
2000 Registered

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Enduring Performance

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