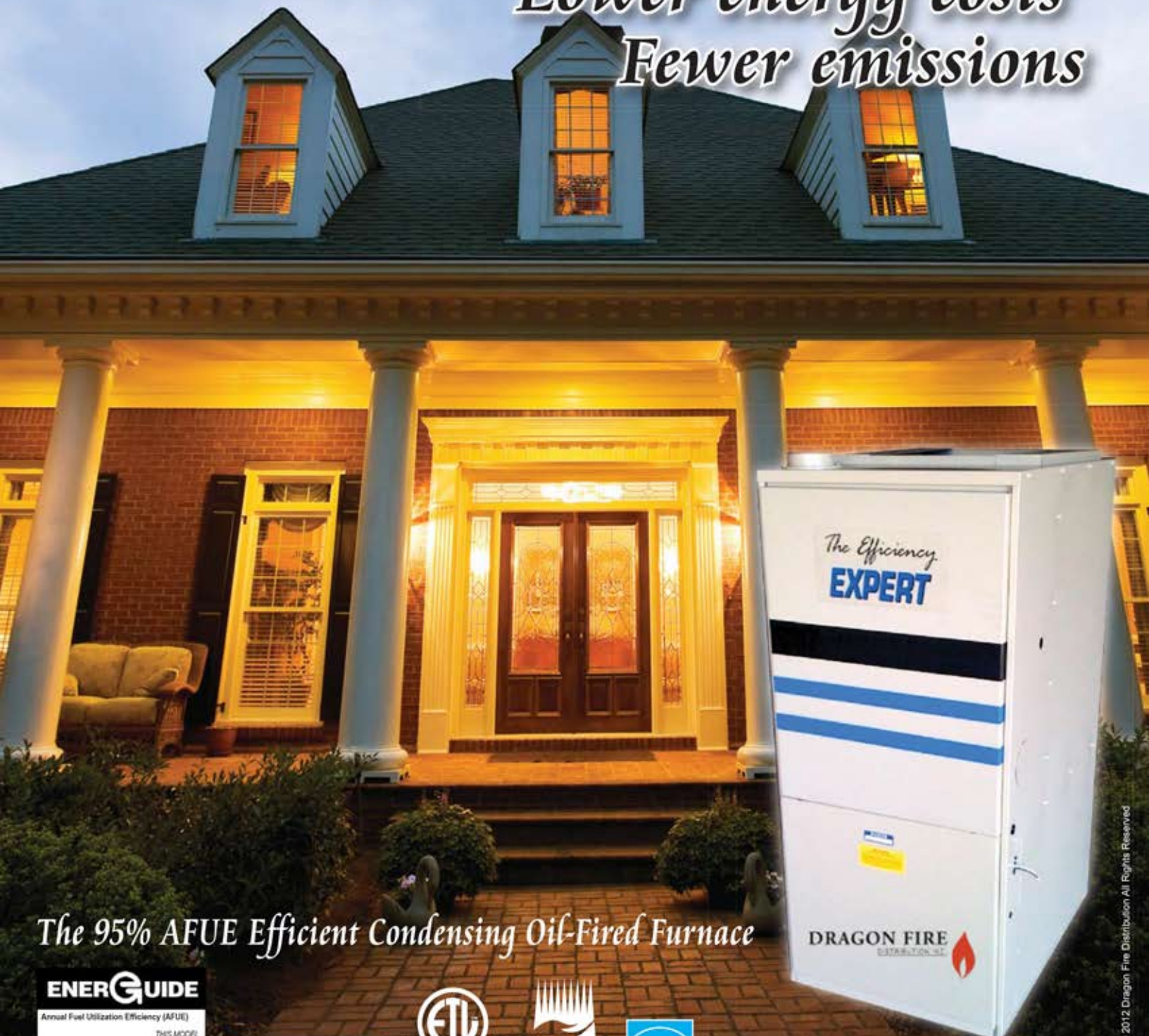
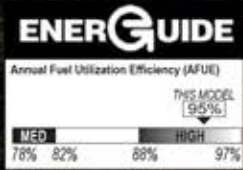


THE WORLD'S MOST EFFICIENT OIL-FIRED FURNACE BY **ADAMS**

*Same level of coziness
Lower energy costs
Fewer emissions*



The 95% AFUE Efficient Condensing Oil-Fired Furnace



U.S. Patent No.: 6,923,173.B2 / Canadian Patent No.: 2,462,152

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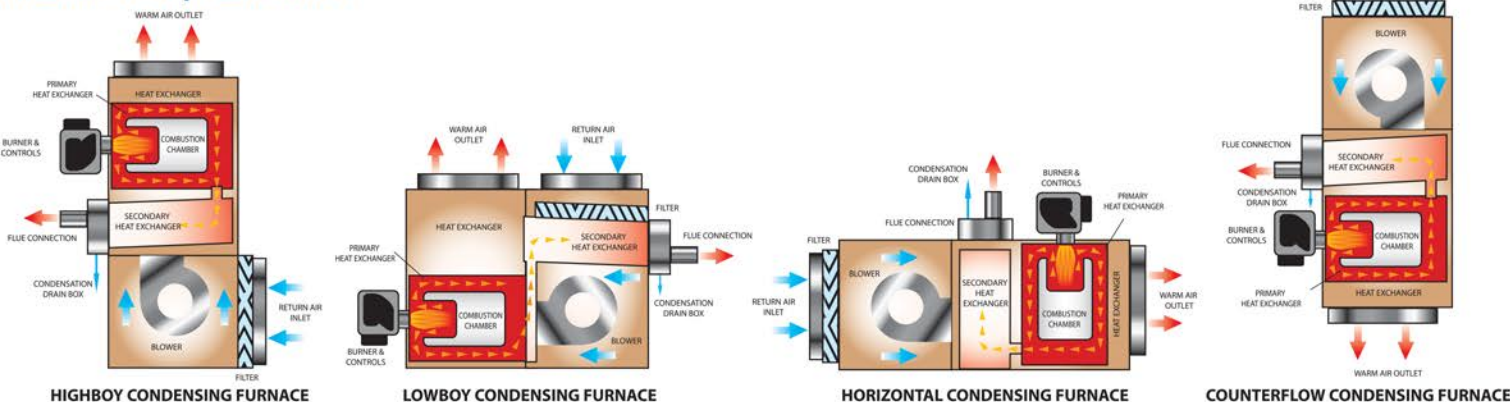
A new generation of ultra high efficiency oil-fired furnaces are now available... with proven performance throughout Canada

DESIGNED FOR CANADIAN REALITY

- ◆ Proven Canadian Arctic functionality is confirmed by a -30 Degree F harsh environment performance test conducted by an independent laboratory.
- ◆ Refined and matured technology originated from 1986 designed for ease of installation and annual maintenance by today's Oil Burner Technician professionals.
- ◆ Eliminates the expensive stainless steel venting system using 3" PVE pipe for vertically or horizontally vented installations.
- ◆ Completely assembled, factory tested for heating or combination heating/air conditioning applications. Each unit, for the Canadian market, is supplied with an advanced Tigerloop® deaerator to eliminate air bubble problems in the oil supply line which is the leading cause of breakdowns on heating oil or biofuel equipment resulting in the increased soot build up, poor burner performance and unnecessary wear and tear on the fuel pump and higher fuel consumption.

In 4 configurations designed to meet all installation possibilities

Available models...



Performance Ratings

Model/Tons Cooling	Input	AFUE	CFM
AHEO 50-2.5	58,000	95%	1000
AHEO 75-2.5	75,000	92.6%	1000
AHEO 50-5	100,000	92.6%	2000
AHEO 75-5	75,000	95%	2000
AHEO 100-5	100,000	92.5%	2000
AHEO 125-5	115,000	92%	2000

(ASHEO) Model number indicates horizontal furnace
(ACHEO) Model number indicates counterflow furnace
(ALHEO) Model Number indicates lowboy furnace

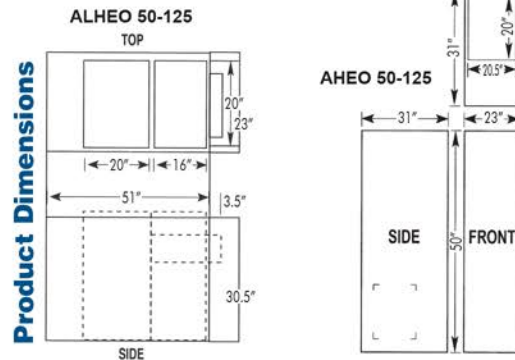
Specification Data

Model/Tons Cooling	Motor Horsepower	Blower Size	Nozzle Size	Degree	Shipping Wt.
AHEO 50-2.5	1/3	9x9	.40	60A*	220
AHEO 75-2.5	1/3	9x9	.50	60A*	220
AHEO 50-5	3/4	12x12	.40	60A*	235
AHEO 75-5	3/4	12x12	.50	60A*	235
AHEO 100-5	3/4	12x12	.60	60A	235
AHEO 125-5	3/4	12x12	.65	60A	235

AIR INLET AND FLUE DIAMETER 3" ALL MODELS
* Beckett NX Burner - 70A

ULTRA HIGH EFFICIENCY

- ◆ Certified 95% AFUE energy efficient, more superior than any other ENERGY STAR qualified oil fired furnace in the market.
- ◆ Near perfect combustion performance for a cleaner environment.
- ◆ PREMIUM FEATURES
- ◆ Stainless steel heat exchanger with molded pyro-ceramic combustion chamber designed to heat up instantly on firing - backed by a 20 year transferable, prorated warranty.
- ◆ INTERburner oil burner with exclusive "Turbo Reversed Air" insures smooth, positive ignition and uniform high temperature for maximum performance and whisper quiet operation or the optional, advance direct-vented Beckett NX Burner for durable and reliable performance.
- ◆ Optional ECM Motor with EMERSON Variable Speed Technology for smooth starting, excellent airflow control and quiet low speed operation up to two decibels quieter than other ECM motors.
- ◆ SAFETY LISTING WITH PATENTED DESIGN
- ◆ ETL Approved Safety Performance.
- ◆ Industry Canada Approved Patent Design.



We wrote the chapter on oil-fired condensing furnace technology published in the Today's Oil Heat Technician's Manual, 3rd edition for reference and training of existing and new oil burner professionals across Canada. (Centennial College Press, Toronto, ON. M4K 3M2. ISBN:978-0-919852-64-8).

For more details, please contact the Canadian Oil Heat Association at www.coha.ca or call (905) 946-0264

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