



When you're one of a kind, there is no competition.

Every component has been designed for the specific requirements of heating with waste oil.

OUTPERFORMING THE COMPETITION

LONGEST LASTING

Durable materials means these boilers run for tens of thousands of hours (compared to thousands)

1/3 THE MAINTENANCE

Hours a year (compared to hours a month)

3x THE WARRANTY

Three years parts and 10 years heat exchanger (compared to one year parts and three years heat exchanger)

Features

1 Wet Floor Based Heat Exchanger

Water-cooled heat exchanger prevents hot spots and deterioration

2 Integrated Air Compressor

Included so you don't have to use shop air

3 Accutemp Preheater, patented

Rapidly heats the widest range of viscosities of used oil, synthetic oil and other acceptable fuels

4 Flame Retention Head, patented

Creates a stable flame for complete fuel combustion

5 Swing Open Boiler Door

Easy access to the firing chamber for cleaning

6 Small Footprint, Stackable

Saves space and makes installation simpler and more flexible

7 Removable Rear Panel

Speeds and simplifies cleaning

8 Optional Domestic Hot Water Coil

An open loop domestic coil can be added to run closed and open loops simultaneously

9 Steadyflo Metering Fuel Pump, patented

Precision fuel delivery with no manual adjustments



(800) 335-3092

www.energylogic.com



Waste Oil Furnaces
and Complete Systems

Designed to save. Built to last.

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EL-200B



EL-375B



EL-500B



SPECIFICATIONS

	ENGLISH		METRIC		ENGLISH		METRIC		ENGLISH		METRIC	
BTU Input	200,000 BTU per hour		58.3 kW per hour		375,000 BTU per hour		110 kW per hour		499,000 BTU per hour		146 kW per hour	
Fuel Flow Rate	1.4 gallons/hour		5.3 liters/hour		2.7 gallons/hour		10.2 liters/hour		3.6 gallons/hour		13.6 liters/hour	
Water Output Temp. (max)	230 F		110 C		230 F		110 C		230 F		110 C	
Domestic Hot Water Output	4 gal/min at 100 F temp rise		15 liters/min at 37.8 C temp rise		6 gal/min at 100 F temp rise		22 liters/min at 37.8 C temp rise		1 coil: 8 gal/min at 100 F temp rise 2 coils: 16 gal/min at lower temp rise		1 coil: 30 liters/min at 37.8 C temp rise 2 coils: 60 liters/min at lower temp rise	
Boiler Capacity	30 gallons		114 liters		43 gallons		162.75 liters		52 gallons		200 liters	
Inlet Water Temp.	140 F minimum		60 C minimum		140 F minimum		60 C minimum		140 F minimum		60 C minimum	
Exhaust Flue Diameter	8" diameter		20.32 cm diameter available		8" diameter		20.32 cm diameter		10" diameter		25.4 cm diameter	
System Dimensions	45" H x 32" W x 50" D		114 cm H x 82 cm W x 127 cm		42" H x 28" W x 60" D		107 cm H x 71cm W x 152 cm		45" H x 32" W x 68" D		114 cm H x 82cm W x 173 cm	
Shipping Weight	790 lbs.		358.34 kg		1042 lbs.		472.64 kg		1160 lbs.		526.17 kg	

Common Applications

In-floor Radiant Heating
Car Washes
Paint Booths
Ice Melt Heating
Make-up Air
Potable Hot Water
Dishwashers
Supplement To HVAC Systems

All boilers

Operating Pressure

Low pressure, 30 psi

Commonly Used Fuels

Used crankcase oils, ATF, No. 2 fuel oil, up to 90 weight gear oil and diesel fuel

Electrical Reg.

115 VAC 60Hz, 25 amps maximum dedicated circuit

Warranty

10 years on heat exchanger, five years full and five years prorated
Three years on parts

Regulation and Certification

EPA-approved
UL-listed system
ASME-certified vessel
Canadian Registration (CRN)



Information is subject to change without notice