

# Waste Oil Boiler Product Details



STANDARD

## ASME Certified Vessel Construction

The only boiler vessel built specifically for waste oil from the ground up. Our heavy carbon-steel construction is stronger and more efficient than cast-iron and coil-tube boilers provided by other brands.

STANDARD

## Safety

- Low water cut off
- High temperature limit
- Pressure relief valve
- Triple aquastat

## Optional Integrated Domestic Hot Water Coil

An open loop domestic coil can be added to run closed and open loops simultaneously. Provides hot water for restrooms, carwash, dishwashers, and more. Unit can operate as a stand-alone system using the hot water coil.

EXCLUSIVE

## Removable Rear Panel

Speeds and simplifies straight-through cleaning (see below).

STANDARD

## Digital Hour Meter

Tracks runtime.

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## Wet Floor Based Heat Exchanger

Water-cooled heat exchanger prevents hot spots and deterioration.

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## Small Footprint

Saves space and makes installation simpler and more flexible with unit stacking and flue options.

PATENTED

## Metering Fuel Pump

Reliable, consistent fuel delivery regardless of fuel type (up to 90W) with no manual adjustments.



PATENTED

## Accutemp Preheater

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

STANDARD

## Integrated Air Compressor

Built in so you don't have to connect to and rely on shop air, providing 24/7 heating availability.

**Pictured:**

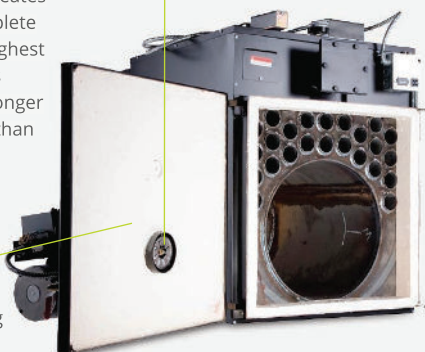
EL375B Waste Oil Boiler

## Easy Access & Maintenance

PATENTED

## Flame Retention Head

This patented design creates a hotter flame for complete fuel combustion and highest heat output. Less ash is produced resulting in longer maintenance intervals than competing brands.



STANDARD

## Swing Open Boiler Door

Easy access to the firing chamber for cleaning.

## Advanced Features

### AquaSmart™ Technology

Built-in memory & system history provides diagnostics for efficient operation.

### Dynamic Temperature Reset

Dynamic temperature reset decreases fuel consumption by up to 20%.

### Backlit Display + Touch-Pad

Back-lit LCD display with touch-pad makes programming temperature limits, differentials and other options easy.



### Pressure Gauge

Analog pressure gauge continually displays conditions.

## EL-200B Waste Oil Boiler



Model  
200B

Item Number	EL-200B
BTU's	200,000 BTU
Heats Up to	~4,000 sq ft
Weight	790 lbs
Boiler Dimensions	45" H x 32" W x 50" D
Fuel Flow Rate	1.4 gallon/hour

## EL-375B Waste Oil Boiler



Model  
375B

Item Number	EL-375B
BTU's	375,000 BTU
Heats Up to	~7,500 sq ft
Weight	1,042 lbs
Boiler Dimensions	42" H x 28" W x 60" D
Fuel Flow Rate	2.7 gallons/hour

## EL-500B Waste Oil Boiler



Model  
500B

Item Number	EL-500B
BTU's	499,000 BTU
Heats Up to	~10,000 sq ft
Weight	1,160 lbs
Boiler Dimensions	45" H x 32" W x 68" D
Fuel Flow Rate	3.6 gallons/hour

## Complete Systems

EnergyLogic Complete Systems are the simplest, most cost-effective solution for turning waste oil into free heat. Packaged units are shipped largely preassembled and include side suction mounted pumps on the tank, a tank mounting kit to attach the boiler and a flue kit.



Item Number	Model	Description	Weight
02200103	200B	200,000 BTU Boiler, 250 Gallon Tank, 8" Flue Kit, Mixing Valve	1220 lbs
02375103	375B	375,000 BTU Boiler, 250 Gallon Tank, 8" Flue Kit, Mixing Valve	1458 lbs
02499103-SS	500B	500,000 BTU Boiler, 250 Gallon Tank, 10" Flue Kit, Mixing Valve	1665 lbs

**Optimum performance to heat water for multiple applications:**  
In-floor radiant heat, ice melt, hot water for car-wash, potable water, built in capability to run open and closed loop systems.

**Operating Pressure**  
Low pressure, 30 psi.

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

**Electrical Requirement**  
115 VAC 60Hz, 25 amps | maximum dedicated circuit.

**Warranty**  
10 years on boiler vessel, five years full and five years prorated Up to 2 years on parts\*\*.

**Regulation and Certification**  
EPA-approved, UL-listed system, ASME-certified vessel, Canadian Registration (CRN) available in approved provinces for waste oil heating.



\*\*One Year warranty standard. Second year warranty requires product registration within 30 days of product receipt.

Questions or for more info visit us at [EnergyLogic.com](http://EnergyLogic.com) or call us: (800) 311-8828

