

## ECONO - FLAME

*The answer to high heating and disposal costs.*

**Convert waste oil to economical heat.**

The Econo-Flame waste oil boiler is a smart choice for inexpensive heat while disposing of waste oil in a safe and environmentally responsible manner. The Econo-Flame is a very efficient, durable waste oil boiler. The intense temperatures associated with waste oil combustion require rugged construction with only the best materials. Consequently, the Econo-Flame is made from ductile, strong A36 1/4 inch steel plate. The fire-tube type heat exchanger with its aggressive spiral baffles gives superior heating efficiency and fast heat recovery. In spite of all this toughness, the Econo-Flame is very user friendly and easy to maintain.

## ECONO - FLAME

### Waste Oil Boiler

Specifications for Econoflame Waste Oil Boiler (Five Models)				
7510	7520	7530	7540	7550
<b>Dimensions</b>				
24" W, 84" L, 24" H	31" W, 90" L, 31" H	31" W, 102" L, 31" H	42" W, 102" L, 42" H	42" W, 114" L, 42" H
<b>Water Capacity</b>				
25 Gal.	35 Gal.	45 Gal.	60 Gal.	80 Gal.
<b>BTU Output</b>				
100,000	200,000	300,000	400,000	500,000
<b>Will Heat*</b>				
3,000 sq. ft.	6,000 sq. ft.	9,000 sq. ft.	13,000 sq. ft.	16,000 sq. ft.
<b>Fitting Size</b>				
1.5"	1.5"	2"	2"	2"
<b>Flu Size</b>				
8"	8"	10"	10"	10"
<b>Approximate Weight</b>				
800 lbs.	1100 lbs.	1400 lbs.	1700 lbs.	2000 lbs.

**10 year limited warranty**

\*building and climate conditions will affect heating capacity.

Brought to You by:

## ECONO - FLAME

### Waste Oil Boiler

Convert waste into profit

Clean, Safe Efficient

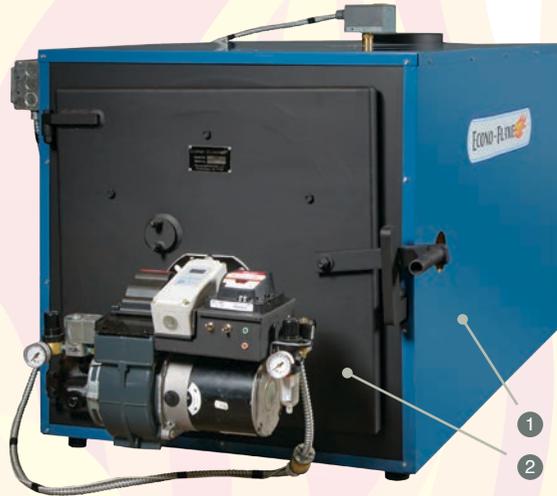
Built for Agricultural, Commercial, Industrial

Eco-Friendly - no visible emissions



# ECONO - FLAME

## Waste Oil Boiler



# ECONO - FLAME

## Waste Oil Burner



The Econo-Flame oil burner is at the heart of the success of the Econo-Flame heating system. With over twenty five years of service, this burner has proven to be both reliable and user friendly thanks to its innovative yet simple design.

### Use the Econoflame Waste Oil Boiler

#### To Heat:

- Shops
- Warehouses
- Greenhouses
- Livestock Confinement Buildings
- Make-up Air
- Kilns
- And more!

#### To Burn:

- Cooking Oil
- Motor Oils up to SAE 50,
- Hydraulic Fluids,
- Transmission Fluids
- Heating Oil

### Features:

- 1 Tough powder coated finish
- 2 Insulated swing out burner door provides access to the nozzle, retention head, and electrodes for easy servicing. Also provides easy access to the combustion chamber for cleaning.
- 3 Swing out door allows easy access to the heat exchanger for cleaning.
- 4 High efficiency heat exchanger with aggressive spiral baffles transfers all the available heat into the water jacket. The baffles can be easily removed for cleaning.
- 5 4 inch tubes handle the higher residue that comes from burning waste oil helping to reduce cleaning frequencies.
- 6 The spent combustion gases enter the stove pipe through the water jacket for increased heat extraction.

- Programmable electronic thermostat controls the pre-heater and the burner 
- Heavy duty low pressure pump specifically designed for the high viscosities of used oil. 
- Uniquely designed flame retention head forces the flame to a vortex causing complete, rapid combustion with no visible stack emissions 
- Precisely machined 6-pass heater block ensures hot oil at the nozzle
- Removable pre-heater assembly fits into burner air tube 