

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
Dimensions				
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
Water Capacity				
25 Gal.	35 Gal.	45 Gal.	60 Gal.	80 Gal.
BTU Output				
100,000	200,000	300,000	400,000	500,000
Will Heat*				
3,000 sq. ft.	6,000 sq. ft.	9,000 sq. ft.	13,000 sq. ft.	16,000 sq. ft.
Fitting Size				
1.5"	1.5"	2"	2"	2"
Flu Size				
8"	8"	10"	10"	10"
Approximate Weight				
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



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Waste Oil Boiler



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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 

