

ECONO - FLAME

*The answer to
high heating and
disposal costs.*

**Convert waste oil
to economical heat.**

The Econo-Flame waste oil furnace 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 furnace. 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" steel plate. Its triple-pass heat exchange design gives superior heating efficiency and fast heat recovery. Extensive testing has consistently shown an efficiency rating of 88%! In spite of all this toughness, the Econo-Flame is very user friendly and easy to maintain. It is available as a unit heater or as a ductable central furnace. With over twenty five years of service, the Econo-Flame has proven to be very reliable and more than satisfactory.

ECONO - FLAME

Waste Oil Furnace

Specifications for Econoflame Waste Oil Furnace (Four Models)			
510	520	530	540
Dimensions			
39" W, 57" L, 40" H	39" W, 69" L, 40" H	48" W, 72" L, 42" H	48" W, 90" L, 42" H
BTU Output			
100,000	200,000	300,000	450,000
Will Heat*			
3,000 sq. ft.	6,000 sq. ft.	9,000 sq. ft.	13,000 sq. ft.
CFM			
2000	3500	4000	9000
Flu Size			
8"	8"	10"	10"
Approximate Weight			
450 lbs.	570 lbs.	750 lbs.	875 lbs.

10 year limited warranty

*building and climate conditions will affect heating capacity.

Brought to You by:

ECONO - FLAME

Waste Oil Furnace

Convert waste into profit

Clean, Safe Efficient

Built for Agricultural, Commercial, Industrial

Eco-Friendly - no visible emissions



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Waste Oil Furnace



Back and Side View



Front view

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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 Furnace

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 Individually adjustable louvers direct warm air exactly where needed.
- 2 Insulated swing out burner door provides access to the nozzle, retention head, and electrodes for easy servicing and cleaning.
- 3 Swing out door allows easy access to the heat exchanger for cleaning.
- 4 High efficiency heat exchanger 4" tubes handle the higher residue that comes from burning waste oil helping to reduce cleaning frequencies.
- Heat radiating fins prevent rear plate burn out while providing more heat exchange

- 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

