



# WASTE OIL BURNING HEATERS

BY

**EconoHeat** Inc.

*Innovative leaders of waste oil burning technology  
continue to set new standards with the*



**"RAISING THE BAR"**



MODEL  
OWH-500

MEETS EPA REGULATIONS



## RECYCLE WASTE OIL INTO FREE HEAT

INDUSTRIES  
ONLY  
12 YEAR  
LIMITED  
WARRANTY

Eliminate handling  
& storage  
risks

### BURNS:

Crank case & gear oils, transmission & hydraulic fluids, all petroleum products, any weight combination up to SAE 90W and cooking oils, synthetics as well as fuel oils.

Eliminate  
disposal  
costs

## HEATER MODELS

Model OWH-150



Model OWH-250



Model OWH-350



Model OWH-500



Highest quality construction with stainless steel exchanger and gavanal sheeting fully insulated.

Model OWH-350 B and OWH-500 B



Bi-directional heat throw. Centrally located heater in long building application to provide better heat distribution.



ON SELECT  
MODELS  
ALL ARE CE

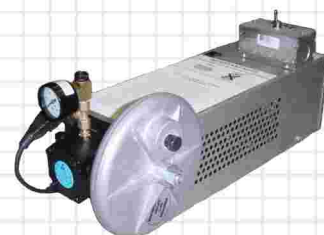
# UNIQUE FEATURES

FOR YEARS OF TROUBLE FREE OPERATION

Superior performance with  
Omni's exclusive

## FLAME CONTROL SYSTEM

Only Omni offers their patented system of oil flow control coupled with its patented oil preheat method providing **total flame control**.



- **Oil Flow Control Supply Pump with variable speed motor:** Supplies exact gallons per hour to heater regardless of variations in fuel viscosities. No need for constant adjustment.
- **Burns 30% Gasoline to 90 wt. and synthetics.**



Industry Exclusive  
**Non Carboning**  
**OIL PREHEAT METHOD**  
Continues stabilization of oil viscosity not over 1° oil temperature variation

### Benefits:

- Non carboning oil preheat block - cleaning not required.
- Greater efficiency and completeness of burn
- After initial set up, less stress on metals — can't overfire. No target burn-out.
- Less ash deposits — clean heater once a season under normal operations
- Reduced cleaning intervals — extends pump life and pump screen cleaning under intervals - normal operation once a year.

The pump can be adjusted to any GPH requirement with absolute control of flame. Burners with pump can be purchased separately.

Oil Flow Control Supply Pump with one pre-filter and one internal serviceable strainer filters



Room thermostat control

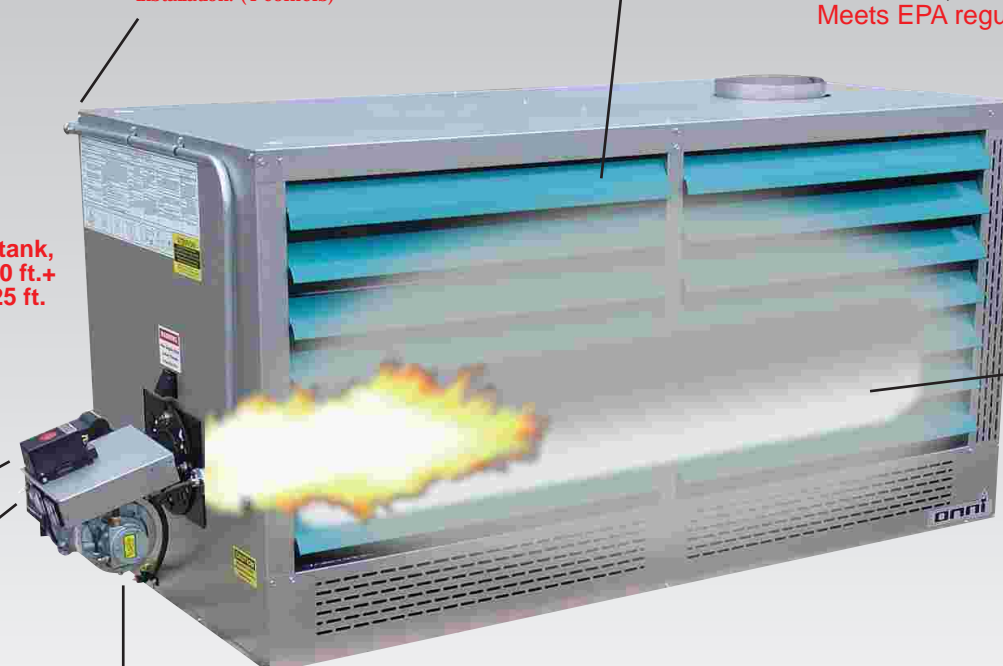


Barometric damper for Draft Control



## STANDARD EQUIPMENT

1/2" course thread for easy installation. (4 corners)



**High Efficiency**  
16 Ga. high grade stainless steel exchangers with the longest burn path in the industry for greater heat transfer - low stack temps.

Burns clean, zero smoke.  
Meets EPA regulations.

Robust length minimizes stress on metals. Heavy duty 10 ga. mild steel combustion chamber.

Reliable integrated oilless air compressor — **no shop air required**

ALL MODELS COME STANDARD WITH ITEMS SHOWN ABOVE FOR EASY INSTALLATION

ALL MODELS CAN BE CEILING HUNG — OR MOUNTED ON OPTIONAL WORK BENCH OIL STORAGE TANK



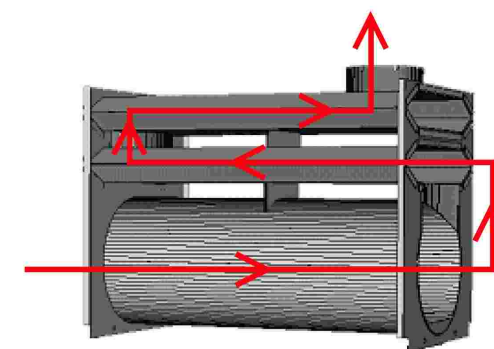
Mount Any Direction  
Mix and Match Tank and Heater Sizes

Complete system with 250 gal. tank.

## CLEANING MADE EASY



Lift out cabinet door, and swing out doors at each end of the heater for easy access when cleaning.



Longest most efficient burn path in the industry. Providing more BTU's/gallon of oil burned.



# DESIGNED AND BUILT TO STAND THE TEST OF TIME

# SPECIFICATIONS

**All models are ductable.**



MODEL	OWH 150	OWH 250	OWH 350	OWH 500
BTU'S/HR INPUT	150,000	250,000	350,000	500,000
BTU'S/HR OUTPUT	120,000	215,000	300,000	410,000
GALLONS PER HOUR/ <sup>150,000 PER GAL. WITH WASTE OIL</sup>	1.0	1.75	2.4	3.4
VOLTAGE REQUIREMENTS	115	115	115	115
AMPS FULL LOAD w/ PUMP	14.6	17.0	18.7	23.5
FAN MOTOR HP	1/4	1/3	2 @ 1/4 each	2 @ 1/3 each
FAN MOTOR RPM	1075	1075	1075	1075
FAN DIA/PITCH	18/36	24/18	18/36	24/18
CFM (FREE AIR)	3762	4466	6275	9001
CFM W/DUCTWORK AT 100 FT	380	2000	1600	3701
EFFECTIVE AIR FLOW	50 ft	60 ft	70 ft	100 ft
FLUE SIZE	8"	8"	8"	10"
WEIGHT W/BURNER	240 lbs	365 lbs	400 lbs	660 lbs
SHIPPING WEIGHT	375 lbs	535 lbs	575 lbs	725 lbs
DIMENSIONS L/H/W in.	42-22-25 1/2	44-30-28 1/2	54-29 1/2-28 1/2	72-38-34 1/2
SHIPPING DIMENSIONS L/H/W in.	64 1/2-30-49	64 1/2-39-49	76-38-49	92-44-50

**All models are fully automatic, controlled by wall thermostat.**

Omni waste oil heaters do not require constant cleaning and adjustments. **Operations others believe are standard procedures.**

With an Omni you can eliminate your normal costs of heating, avoid the liabilities of handling and storage, and reduce or even eliminate hauling costs.

Burn clean waste oil, a no cost fuel, onsite as approved by the EPA and realize one of the quickest investment returns a business owner can expect. In some cases, you can experience full return in as little as 18 months.

FACTORY

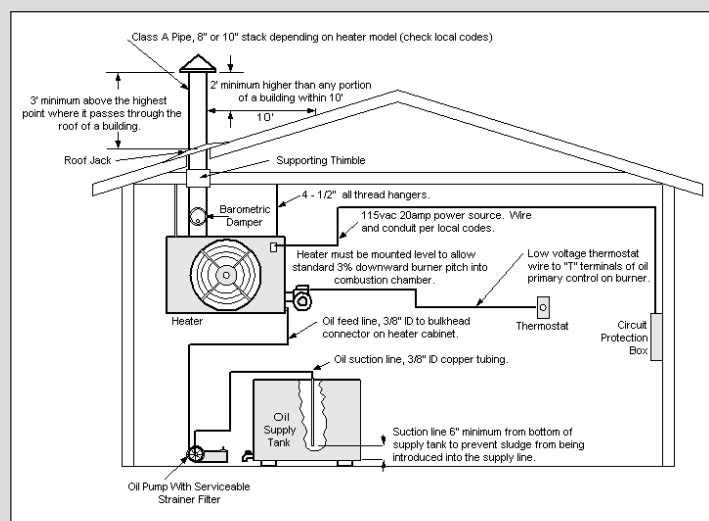
**ECONO HEAT, INC.**  
SPOKANE, WA 99212

1-800-255-1363  
(509) 534-1022

[www.econoheat.com](http://www.econoheat.com)  
[www.econoheat.us](http://www.econoheat.us)



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