



COMPLETE* WASTE OIL HEATING SYSTEM

There's a new way to turn your waste oil into money.

Get fired up.

Other companies sell you a waste oil heater and let you figure out the rest. With Firelake's Complete System, you can be up and running in a matter of hours.



* 'Complete System' includes a Waste Oil Furnace, 250 Gallon Waste Oil Storage Tank and Class A Flue Kit.

- 1** **Aluminized Steel Heat Exchanger**
Our state-of-the-art heat exchanger's aluminized steel chamber is built to last, preventing corrosion, warping and weld breakage. It's specifically designed to hold more ash than the competition, for less maintenance and a longer life.
- 2** **Digital Hour Meter**
Keep track of cleaning and maintenance intervals with ease. Eliminate the guesswork!
- 3** **Slidegun with Integrated Preheater**
Heat the widest range of viscosities for waste oil, synthetics and other acceptable fuels with our integrated preheater technology. The patented 'slidegun' design lets you easily remove the preheater for cleaning and maintenance.
- 4** **Integrated Air Compressor (Optional)**
Heat your shop 24/7 without having to rely on shop air, using our integrated air compressor.
- 5** **Flame Retention Head**
At the heart of our waste oil heater systems, you'll find a world-class flame retention head designed for efficient combustion.
- 6** **Swing Away Burner and Backside Ash Removal**
A swing away burner paired with the backside ash removal port makes for quicker and easier cleaning.
- 7** **Side Suction Fuel Pump**
When it comes to reliable and consistent fuel delivery, nothing performs better than our patented side suction fuel pump.
- Metering pump accessory also available for purchase separately.
- 8** **Low Fuel Cutoff**
Let your furnace turn itself off before it runs out of fuel. Prevent time-consuming shutdowns with our low fuel cutoff apparatus.
- 9** **Fuel Gauge**
Always know how much fuel is left in your tank with our easy-to-read fuel gauge.
- 10** **Elevated Fuel Pickup**
Our advanced fuel delivery system starts just six inches from the bottom of the tank – right above any water or sludge that might accumulate at the bottom. This innovative design keeps the pump flooded with waste oil and free of air and sludge.
- Includes a cleanable, stainless mesh filter.
- 11** **Drain Valve**
We make it simple to purge water or any other contaminants that settle at the bottom of the tank.
- 12** **Class A Flue Kit**
Stainless steel interior, double-wall flue kits are UL-listed and meet local codes.



MODEL COMPARISONS

	Horizon 155	Horizon 200	Horizon 245	Horizon 315
BTU Input*	155,000 (45.45kW)	200,000 (58kW)	242,000 (70.92kW)	315,000 (92kW)
Exhaust Flue Diameter	8" Port w/ 6" Stack (Adaptor Provided**)	8" Port w/ 6" Stack (Adaptor Provided**)	8"	8"
Total Shipping Weight (with Tank and Flue Kit)	865 lbs.	912 lbs.	975 lbs.	1044 lbs.
Furnace Dimensions (with burner & blower)	34.5"H x 22"W x 79"L (87.6cm x 55.9cm x 200.7cm)	38"H x 22"W x 92.5"L (97.8cm x 55.9cm x 235cm)	41"H x 26" Wx 99.5"L (104.1cm x 66cm x 252.7cm)	41"H x 26"W x 113.5"L (104.1cm x 66cm x 2.9cm)
Tank Dimensions	32"H x 30"W x 61"L (81.8cm x 76.2cm x 154.9cm)	32"H x 30"W x 61"L (81.82cm x 76.2cm x 154.94cm)	32"H x 30"W x 61"L (81.82cm x 76.2cm x 154.94cm)	32"H x 30"W x 61"L (81.82cm x 76.2cm x 154.94cm)
Warm Air Outlet Dimensions	16" x 16" (40.6cm)	18" x 18" (45.7cm)	18" x 18" (45.7cm)	18" x 18" (45.7cm)
Electrical Requirements	30A	30A	30A	30A
Fuel Flow Rate	1.12 gal/hr (4.24 l/hr)	1.43 gal/hr (5.4 l/hr)	1.73 gal/hr (6.5 l/hr)	2.25 gal/hr (8.5 l/hr)
Air Flow	2350 cfm @ 1.0 sp	2350 cfm @ 1.0 sp	2800 cfm @ 1.2 sp	2800 cfm @ 1.2 sp

Approved Fuels:

Used crankcase oil, transmission and hydraulic fluids, as well as other petroleum-based lubricants (any weight combination up to SAE 50, including #2 fuel oil).

Electrical Requirements:

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

Warranty:

One year warranty on all parts. Limited lifetime warranty on heat exchanger, up to three years or six thousand hours from installation date. Warranty is pro-rated beyond that date.***

Regulation and Certification:

UL, c-UL Listed.

* BTU input based on industry standard 140,000 BTUs per gallon.

** Horizon 155 and 200 models ship with 6" flue adaptors to fit flue kits included with these complete systems.

*** Call for specific details on waste oil heater parts and heat exchanger warranties.

Note: All installations must comply with local requirements, including permitting where applicable.

