

INOV8

economic alternative fuel options



Control No. 3120734

multi fuel furnace - model f125

This little powerhouse is packed with specialty features not available on anything in our industry. The counter-flow heat exchanger provides the highest efficiency, even qualifying for Energy Star rating while allowing independent movement of steel to prevent cracking. The swing open burner door exposes all interior passages for easy cleaning and is a heat exchanger to preheat air for combustion. The INOV8 S200 burner used on this furnace provides the same SAFE, CLEAN and RELIABLE features as all INOV8 products.

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Safety is our highest priority and is the reason we use the only industrial-rated electronic burner control in the industry, with a UV sensor, pre-purge, pre-heat, and auto-restart ignition plus safety lockout. Our exclusive needle valve prevents nozzle drip and clears obstructions at each ignition cycle.

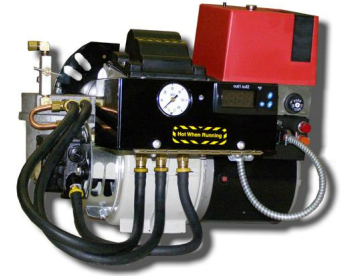
Clean burning means thermal efficiency, whereby usable heat is delivered to the workspace by virtue of the high-efficiency heat exchanger, which is constructed of durable, corrosion-resistant aluminized steel. Zero smoke and near-perfect combustion efficiency makes for clean equipment and clean stack emissions.

Reliable operation is a given, with the patented vapor eliminator and integral fuel pump ensuring smooth and uninterrupted combustion for safe, clean, and reliable burn cycles.

Fuel versatility is our strong suit, as the F125 will accept a wide range of combustible liquids including, but not exclusively: diesel, up to #6 fuel oil, all weights of crankcase oil including synthetic, 90-weight gear, transmission and hydraulic fluid, etc. The digital temperature control enables on-site adjustment.

Maintenance friendly with a swing-out burner facilitating periodic cleaning of the combustion chamber and a built-in hour meter for scheduled tune-ups.

Customer Service is just a phone call away with ready parts and knowledgeable



Model F125 Specifications

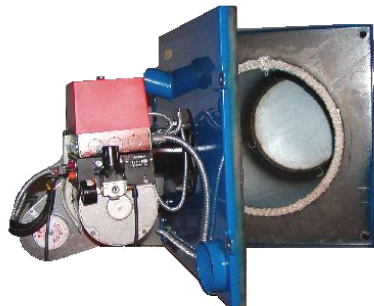
Just because you're burning a waste product doesn't mean it shouldn't be fully utilized. This furnace utilizes it better than any. It even qualifies for Energy Star Rating which requires at least an 85% energy efficiency. The outside of the INOV8 F125 furnace looks similar to the standard "straight-shot" design of competitors but disguised inside are many unique features; features that promise to revolutionize the waste oil burning industry by eliminating typical complaints regarding maintenance and durability. This compact powerhouse provides a hinged door for easy cleaning, preheated combustion air (which promotes complete fuel consumption and clean combustion). This furnace is very popular with those that burn vegetable oil as fuel.

The INOV8 model F125 furnace includes:

The cabinet with a squirrel cage type blower, INOV8 model S200 burner, barometric damper, floating pick-up assembly (which includes a check valve, UL listed in-line filter, tank fitting, piping & a float device), 120 volt wall thermostat, hanging brackets & bolts, automatic cleanout needle, and an automatic vent system.

The optional INOV8 300-gallon tank supports the furnace at the required 8 feet. The tank includes complete oil supply & return lines, oil level gauge, support stands, and a specially designed settling area inside the tank.

The warranty provides two years on parts and ten years limited warranty on the heat exchanger and cabinet. This product is fully tested and listed by Intertek ETL-Semko to latest safety standards in the United States and Canada - specifically to UL296A and CSA B140.0-03, B140.4-04 and B140.2.1-M90. The tank is listed to UL80 and CAN/ULC-S602-03.



The photo shows the door opened & the combustion chamber

F125 Furnace Specifications

Input – BTUH	125,000
Output – BTUH	100,000
Stack Size	8"
Cabinet Dimensions	84"L/23"W/21"H
Fuel Consumption	.84 GPH
Weight	325 pounds
Electrical Voltage	120 volts (burner)
Amperage Required	17
Compressed Air	2.0 / 30 CFM/PSI
Cabinet Finish	Powder coated

Additional Features:

Three-pass, aluminized steel, welded counter-flow designed heat exchanger, ceramic target, 1000 CFM squirrel cage blower, swing-out burner, quick-change control module, vapor eliminator, integral fuel pump, hour meter, industrial control, UV sensor, digital temp control, electrical quick connectors.

Tank Specifications

Tank Model No.	T300 HB (F125 & F240)
Tank size inches	60Lx34 Wx37 H
Tank and Stands	300 gallon bench type
Tank Finish	Powder coated
Weight	450 pounds

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