

INOV8

safe

clean

reliable



Control No. 3120734

Multi Fuel Furnace - Model F240

The aluminized steel construction used for 20 years has proven itself to provide the best heat transfer and durability against the corrosive nature of waste oil. The split heat exchanger design protects against steel fatigue and the industrial powder-coat finish provides many years of good appearance. The INOV8 S200 Burner used on this furnace provides the same SAFE, CLEAN and RELIABLE features as all INOV8 products.

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Model F240

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.

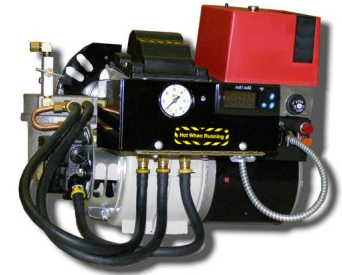
Clean burning means thermal efficiency, whereby usable heat is delivered to the workspace by virtue of the high-efficiency heat exchanger, which is constructed of durable, corrosion-resistant aluminized steel. Zero smoke and near-perfect combustion efficiency makes for clean equipment and clean stack 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 F240 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 technicians to keep your new investment running perfectly.



Burner model S200



Model F240 Specifications

The unique design of the model F240 furnace addresses two of the main challenges the industry has faced with cabinet fatigue and loss caused by the heat transfer inefficiency. The heat exchanger sections expand independently to accommodate the extreme varying temperatures that can destroy the steel in a furnace. The aluminized steel construction protects against the corrosive tendency of the ash and is the best heat transfer steel. The cabinet is designed to accommodate frequent cleaning with a hinged clean-out panel located above the burner. This popular size furnace is great for any space and when mounted on an INOV8 tank has a small footprint and allows for a easy and fast installation. All that's needed to complete the installation is the chimney, electrical connection and compressed air line.

The INOV8 model F240 furnace includes:

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

The INOV8 300-gallon tank supports the furnace at the required 8 feet. The tank has 4 top & 2 bottom openings, 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.



F240 Furnace Specifications

Input – BTUH	240,000
Output – BTUH	200,000
Stack Size	8"
Cabinet Dimensions	37"L/38"W/36"H
Fuel Consumption	1.68 GPH
Weight	450 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, swedged heat exchanger, ceramic target, 3600 CFM propeller fan, swing-out burner, quick-change control module, vapor eliminator, integral fuel pump, hour meter, industrial control, UV sensor, digital temp control, (an optional ductible blower is available)

Tank Specifications

Tank Dimensions	60"L / 34"W / 37"H
Tank and Stands	300 gallon bench type
Tank Finish	Powder coated
Weight	450 pounds

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