

Used Oil Burning Furnace Cabinet Comparisons

Cabinet features	INOV8's	Typical Competitors'
Ash retention capabilities (in furnace vs. on roof)	High retention (due to 3-pass design)	Low retention (due to single-pass)
Burner hinge or door	Yes	Yes
Ceramic target in combustion chamber	Yes – since 1992 (3200°F)	Yes
Ductible capability	Yes	Yes
Easy access cleanout panel	Yes	Only on select units
Factory support on any issue	Yes	No
Frequency of cleaning	500-600 hours (on 3-pass)	500-600 hours (on 3-pass) 1000 hours (on single-pass)
Heat exchanger design	Three-pass (most efficient)	Single-pass (least efficient)
Laser cut fabrication for precision fit on cabinet	Yes	Unknown
Make-up air capability in some models	Yes	No
Methods of installation	Ceiling hung or bench tank mounted	Ceiling hung or bench tank mounted
Motor size for blower / fan	1 hp to 1 ½ hp (heavy duty)	Unknown
Oil storage tank finish	Powder coat – Ford Blue	Wet paint finish
Oil storage tank with support stands	Yes	Yes
Furnace paint finish	Powder coat – Ford Blue	Wet paint finish or galvanized
Rated Efficiency	83% to 86%	60% to 70% (single vs 3-pass)
Sealed combustion available on burner	Yes	No
Steel fatigue (stress cracking)	Rare or Never (special design to prevent)	Common
Steel in combustion chamber	Aluminized (best for heat transfer & corrosion protection)	Stainless (poor heat transfer) or Cold-rolled (poor corrosion prevention)
Steel in heat exchanger	Aluminized (Stainless where appropriate)	Stainless or Cold-rolled
Thermal expansion design in heat exchanger prevents steel fatigue	Yes	No
Warranty provisions on cabinet	Prorated over 10 years	Prorated over 10 years

Blue – superior feature, Red – inferior feature, Black – neutral

INOV8 burner, model B200 are installed on the following furnaces:

F125	140,000 input	86% efficiency	heats 1,000 to 3,000 sq. ft.	ductible blower	350 pounds
F200	240,000 input	83% efficiency	heats 3,000 to 6,000 sq. ft.	prop fan	500 pounds
F240 SC	240,000 input	83% efficiency	heats 3,000 to 6,000 sq. ft.	ductible blower	550 pounds
F450	500,000 input	85% efficiency	heats 6,000 to 12,000 sq. ft.	ductible blower	1,000 pounds

INOV8 furnaces are shipped with the burner and accessory cartons steel strapped to a pallet, then plastic wrapped. Crating is available upon request (a \$100 add-on). Additional items included with each furnace: 8" barometric damper, room thermostat, hanging brackets, spare fuses, spare VE filter, and in-line oil filter assembly, check valve, floating pickup assembly and complete installation, operating and service manual.

Safety Certification: All furnaces & burners were recently “re-certified” by Intertek ETL-Semko to the latest UL & Canadian standards.



While INOV8 strives to sell products on the basis of superior features - customers frequently are deluged with negative and false information. This document was written to assist in your purchase decision and hopefully dismiss any confusion that is being created. Information on competitor's products is based on what is readily available via internet websites, existing users, and/or from documentation provided by competitors. The specific safety & function features should be provided upon request.